BILLINGS AREA I-90 CORRIDOR PLANNING STUDY

APPENDIX B
EXISTING AND PROJECTED CONDITIONS REPORT

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TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 EXISTING CONDITIONS 5

2.1 Transportation System Conditions 5
2.1.1 Corridor Features and Characteristics 6
2.1.2 Geometric Characteristics 8
2.1.3 Safety Analysis 20
2.1.4 Traffic Volumes 25
2.1.5 Operational Characteristics 27
2.2 Land Use, Economic, and Demographic Conditions 36
2.2.1 Land Use and Development 36
2.2.2 Economic and Demographic Conditions 37
2.3 Environmental and Physical Setting 39
2.3.1 Physical Environment 39
2.3.2 Biological Resources 42
2.3.3 Social and Cultural Resources 44

3.0 PROJECTED CONDITIONS 46

3.1 Transportation System Conditions 46
3.1.1 Traffic Volumes 46
3.1.2 Operational Characteristics 47

4.0 RECENT AND PLANNED PROJECTS 56

5.0 SUMMARY OF ISSUES AND CONCERNS 58

FIGURES

Figure 1-1 Study Area 3
Figure 2-1 Illustration of Freeway Elements 5
Figure 2-3 Intersections at Laurel and Mossmain Interchanges 19

TABLES

Table 2.1 Design Criteria 9
Table 2.2 Mainline Interstate Width and Surface Thickness 10
Table 2.3 Interstate Mainline Horizontal Alignment Analysis 13
Table 2.4 Interstate Mainline Vertical Alignment Analysis 13
Table 2.5 Horizontal Alignment Analysis for Laurel and Mossmain Interchanges 17
Table 2.6 Vertical Alignment Analysis for Laurel and Mossmain Interchanges 18
Table 2.7 Crash History Comparison (Statewide Average vs. I-90 Corridor) 21
Table 2.8 Crash Rate and Severity Rate Comparison (Statewide Average and I-90 Corridor vs. I-90 Corridor Segments, 2006 – 2010) 22
Table 2.9 Lighting Analysis for Laurel and Mossmain Interchanges 25
Table 2.10 LOS Criteria for Basic Freeway Segments 27
Table 2.11 LOS Criteria for Weaving Segments 28
Table 2.12 Mainline Interstate Operational Analysis Results (2010) 29
Table 2.13 LOS Criteria for Ramp Gore Areas 30
Table 2.14 Ramp Gore Area Operational Analysis Results (2010) 31
Table 2.15 Intersection LOS Criteria 32
Table 2.16 Operational Analysis Results for Signalized Intersection (2010) 34
Table 2.17 Operational Analysis Results for Stop-Controlled Intersections (2010) 35
Table 2.18 Historic Population 37
Table 2.19 Per Capita Income 38
Table 2.20 Age Distribution (2010) 38
Table 2.21 Racial Composition (2010) 39
Table 2.22 Animal Species of Concern Documented within Three Miles of Study Area 43
Table 3.1 Mainline Interstate Operational Analysis Results (2035) 48
Table 3.2 Mainline Interstate Sensitivity Analysis 49
Table 3.3 Ramp Gore Area Operational Analysis Results (2035) 50
Table 3.4 Ramp Gore Area Sensitivity Analysis 51
Table 3.5 Operational Analysis Results for Signalized Intersection (2035) 53
Table 3.6 Operational Analysis Results for Stop-Controlled Intersections (2035) 54
Table 5.1 Summary of Issues and Concerns 58

APPENDICES

Appendix 1 ..... Corridor Mapping by Mile
Appendix 2 ..... Windshield Survey Summary and Photo Log
Appendix 3 ..... Map of Transportation System Conditions
Appendix 4 ..... Bridge Data
Appendix 5 ..... Railroad Crossings
Appendix 6 ..... Right-of-Way Plans
Appendix 7 ..... Excerpts from *Billings I-90 Interchanges Project* Report
Appendix 8 ..... Crash Analysis Summary
Appendix 9 ..... Raw Field Count Data
Appendix 10 ..... Traffic and Operational Analysis Data
Appendix 11 ..... Operational LOS Analysis Sheets
Appendix 12 ..... Operational Analysis Figures
Appendix 13 ..... Zoning Maps
Appendix 14 ..... Maps of Irrigation Facilities
Appendix 15 ..... Map of Environmental Conditions

1.0 INTRODUCTION

This report presents information about existing and projected conditions within the study area for the Billings Area I-90 Corridor Planning Study. The study area includes an approximately 22-mile segment of Interstate 90 (I-90) beginning at the Laurel Interchange (RP 433.8) and ending immediately west of the Pinehills Interchange (RP 455.85). Figure 1-1 illustrates the study area begin and end points and the mainline Interstate segments and interchanges within the corridor. Appendix 1 contains maps illustrating Reference Posts (RPs) and additional details throughout the study corridor.

The report is divided into five chapters. Following the introduction provided in Chapter 1, Chapter 2 discusses existing conditions in the corridor, focusing on transportation system conditions, including physical features and characteristics, geometric characteristics, crash statistics, traffic volumes, and operational characteristics, as well as existing land use and environmental conditions. Chapter 3 presents projected transportation system conditions relating to anticipated future traffic volumes and transportation system operations. Chapter 4 discusses recent and planned projects in the study corridor, and Chapter 5 provides a summary of issues and concerns in the corridor.

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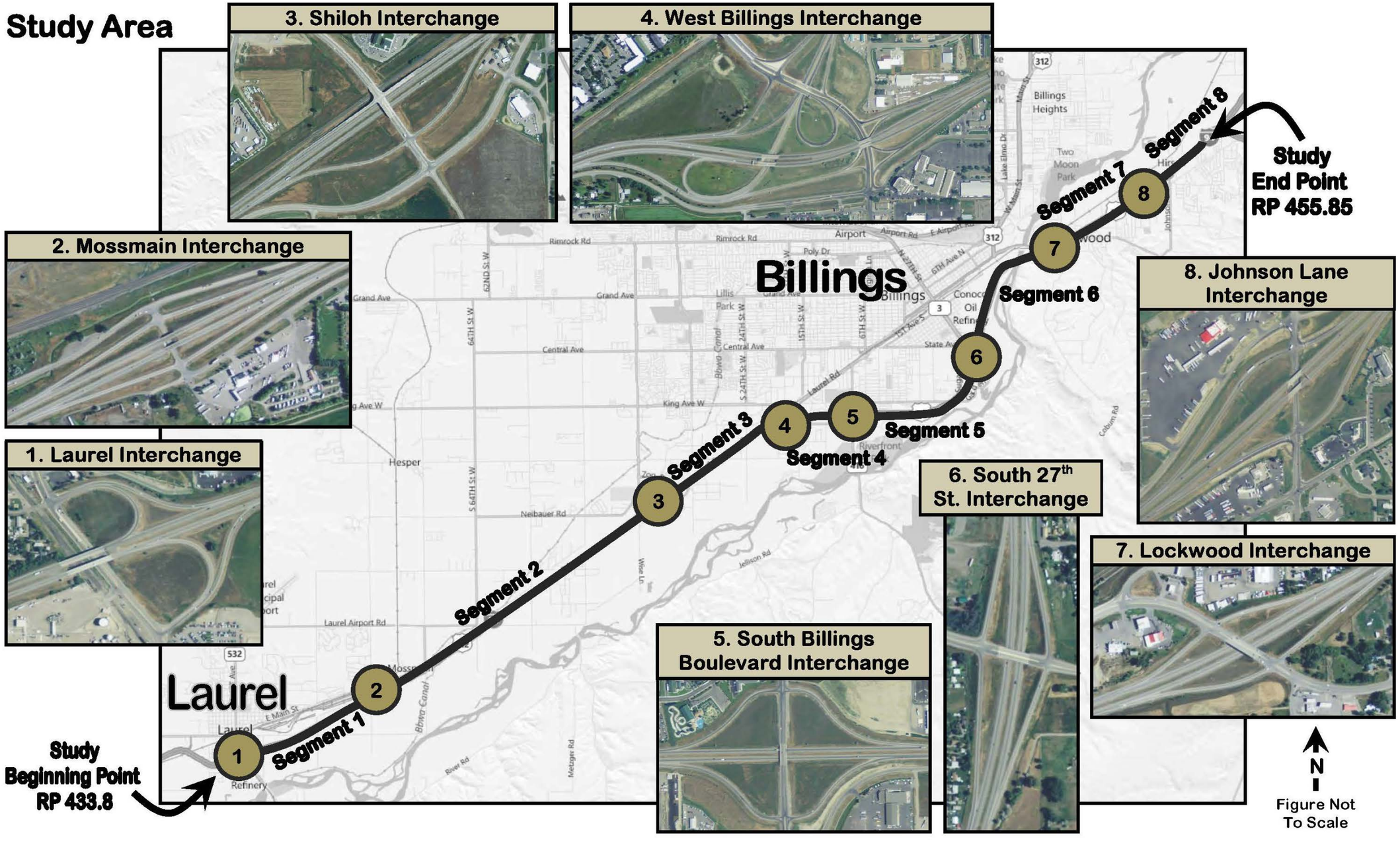
Figure 1-1 Study Area



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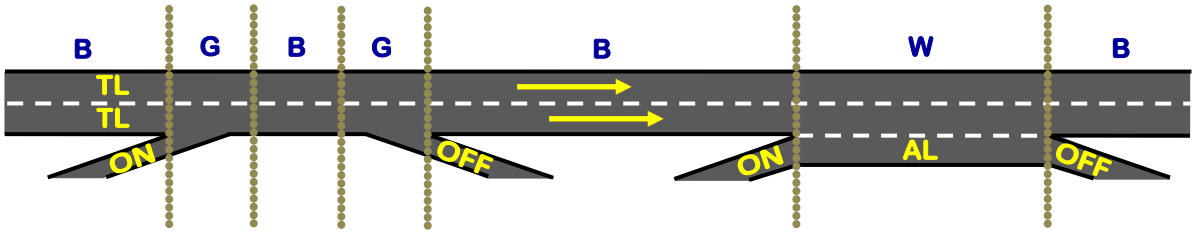
2.0 EXISTING CONDITIONS

2.1 Transportation System Conditions

A summary of the transportation system conditions is presented below. The Interstate transportation system within the study corridor is discussed in terms of its existing physical features, geometric characteristics, crash history to date, traffic volumes, and operational characteristics.

Figure 2-1 illustrates terms used throughout this study to describe elements of the Interstate transportation facility. Basic freeway and weaving segments occur between interchange on- and off-ramps. Ramp gore areas (also called ramp transition areas or merge and diverge segments) are the portions of an Interstate where traffic generally enters or exits without having to change lanes to enter or leave a through travel lane. An exception to this general condition occurs with an auxiliary lane, which is defined as a lane that is located between interchanges, but does not proceed through interchanges.

Figure 2-1 Illustration of Freeway Elements



Key

TL:	Travel Lane
AL:	Auxiliary Lane
B:	Basic Freeway Segment (also described as Mainline or Interstate Segment)
G:	Ramp Gore Area (also described as Merge or Diverge Segment)
ON:	Interchange On-Ramp
OFF:	Interchange Off-Ramp
W:	Freeway Weaving Segment with Auxiliary Lane between Ramps

Note: Figure 2-1 illustrates two lanes of a four-lane divided Interstate facility. This figure is intended for illustrative purposes only and does not represent any portion of the I-90 study corridor.

This corridor planning study focuses on mainline I-90 elements, including freeway segments and ramp gore areas. Additionally, the study includes an analysis of the Laurel and Mossmain Interchanges in order to supplement analyses conducted for the Billings I-90 Interchanges Project report (Short Elliott Hendrickson Inc [SEH] 2006). The 2006 SEH report only assessed the Shiloh, South Billings Boulevard, South 27th Street, Lockwood, and Johnson Lane Interchanges. The West Billings Interchange was not included in the 2006 report or this study due to MDT improvements completed in 2007.

2.1.1 Corridor Features and Characteristics

Physical features and characteristics of the Interstate corridor were identified through field observation and a review of published statistics, documentation, GIS data, and MDT record drawings. A windshield survey of the corridor was conducted in April 2011 to assist in identifying opportunities and constraints within the corridor. Appendix 2 contains a summary memorandum and a photo log documenting conditions observed in the field. Appendix 3 contains a map illustrating physical constraints in the corridor.

Roadway Functional Classification

Functional classification is used to characterize public roads and highways i according to the type of service provided by the facility and the corresponding level of travel mobility and access to and from adjacent property. I-90 is functionally classified as a principal arterial and is part of the National Highway System (NHS). The NHS is a system of highways with the greatest national importance to transportation, commerce and defense in the United States. Interstate routes connect principal metropolitan areas, cities, and industrial centers, as directly as practicable. They are important routes into, through, and around urban areas and connect at suitable border points with routes of continental importance in Canada and Mexico. Interstate facilities are characterized by controlled access,[1] high traffic volumes and speeds, and long-distance trips.

I-90 extends from Seattle, Washington to Boston, Massachusetts and is the longest Interstate highway in the United States (3,020 miles). I-90 generally runs in an east-west direction and serves as the principal east-west route in the Billings urban area and the surrounding area in Yellowstone County. Within the study area, I-90 is intersected by US 212, US 87, and Montana Highway 3. A portion of I-90, from the South 27th Street Interchange in Billings to the system

[1] A controlled access facility restricts all direct access to the facility except through the use of interchange ramps to enhance its primary purpose unhindered traffic flow.

to system I-90 / I-94 Interchange east of Billings, is part of the Camino Real Trade Corridor, identified by FHWA as an NHS high-priority corridor.

Bridges

Bridges are evaluated in terms of structural adequacy and safety, serviceability and functional obsolescence, and essentiality for public use. The MDT Bridge Bureau identified 32 bridges within the study area. Of these bridges, 10 are functionally obsolete, and four are eligible for rehabilitation. The term "functionally obsolete" indicates the bridge was built to standards that are no longer used today. This term does not imply that the bridge is unsafe, rather the bridge does not meet current MDT design standards for lane widths, shoulder widths, or vertical clearances to serve current traffic demand. Eligibility for federal aid for bridge rehabilitation is determined based on the functional or structural status of the bridge and its sufficiency rating. The sufficiency rating is a numerical value ranging from 0 to 100 used to determine eligibility for federal funding. Bridges with a sufficiency rating of 80 or less are eligible for federal bridge rehabilitation funding, and bridges with a sufficiency rating of 50 or less are eligible for federal bridge replacement funding. Eligibility ratings for each bridge in the study corridor are provided in Appendix 4.

The twin eastbound (EB) and westbound (WB) I-90 structures crossing the Yellowstone River are currently classified as fracture critical. The term "fracture critical" indicates the bridge does not include redundant supporting elements. If key supporting elements were to fail, the bridge would be in danger of collapse. A lack of redundancy in the bridge design does not mean it is inherently unsafe, rather it doesn't meet current MDT design standards. MDT is planning for the replacement of these two structures.

Appendix 4 includes additional data collected by MDT regarding the bridges in the study corridor, including location; sufficiency rating; year built; deck and roadway width; type, design, number, and length of main span(s); total length; vertical clearance; and deficiency rating. A separate analysis of the bridge structure is not included with this study. Appendix 3 contains a map illustrating bridge concerns in the corridor.

Railroad Facilities

A rail line and service spur lines owned by BNSF Railway and operated by Montana Rail Link generally parallel I-90 to the north within much of the corridor. Appendix 5 contains maps illustrating the location of railroad crossings in the corridor.

Bicycle and Pedestrian Facilities

There are no dedicated pedestrian or bicycle facilities paralleling I-90 within the Interstate right-of-way. Coulson Park, located on Charlene Street north of the NorthWestern Energy plant, includes a walking trail. The trail crosses under the Yellowstone River Bridge at RP 452± in segment 6 north of the South 27th Street Interchange.

Utilities

NorthWestern Energy and Montana Dakota Utilities (MDU) are the two major utility providers in the corridor. According to information provided by MDT, NorthWestern Energy owns, operates, and maintains approximately 380 power poles, 142 overhead transformers, 46 underground padmount transformers, and three natural gas lines that pass through the corridor. The Williston Basin Interstate Pipeline Company (a subsidiary of the MDU Resources Group) owns and operates a major natural gas pipeline within the corridor.

Multiple pipelines owned and operated by Exxon Mobile, Conoco Phillips, and Cenex oil refineries also traverse the corridor. These pipelines generally convey petroleum products, and operate under pressure. Additionally, multiple water, wastewater, and fiber crossings occur within the corridor.

Right-of-Way

Right-of-way boundaries were estimated based on cadastral data review, available MDT record drawings, and MDT right-of-way plans. Right-of-way boundaries vary throughout the corridor, but are generally 200 to 300 feet wide. Drawings illustrating approximated right-of-way boundaries are included in Appendix 6.

2.1.2 Geometric Characteristics

Mainline Interstate

Design Criteria and Guidelines

Table 2.1 presents MDT geometric design criteria for freeways (National Highway System – Interstate). Additionally, Chapters 9 and 10 of the MDT Roadway Design Manual (December 2004) and Chapters 25 and 26 of the MDT Traffic Engineering Manual (November 2007) were consulted for guidance regarding mainline Interstate horizontal and vertical alignments.

The design speed within the corridor is 70 mph (level terrain). The posted speed limit within the rural portion of the study corridor (RP 433.8 to RP 442.7, from the Laurel Interchange to

approximately the Shiloh Interchange) is 75 miles per hour (mph), with a posted truck speed of 65 mph. The posted speed limit for the portion of the study corridor within the Billings urban area (RP 442.7 to RP 455.85, from the Shiloh Interchange to the mainline segment west of the Johnson Lane Interchange) is 65 mph for both passenger cars and trucks.

Table 2.1 Design Criteria

Element			Criteria
Design Controls	Design Forecast Year (geometrics)		20 Years
	Design Speed	Level Terrain	70 mph
	Level of Service (LOS)		B
Roadway Elements	Travel Lane Width		Four lanes, 12 ft
	Shoulder Width	Outside Shoulder	10 ft
		Inside Shoulder	4 ft
	Cross Slope	Travel Lane	2%
		Shoulder	2%
	Median Width	Level Terrain	Minimum 36 ft
Earth Cut Sections	Ditch	Inslope	6:1 (Width: 6 ft)
		Width	10 ft Minimum
		Slope	20:1 towards back slope
	Backslope; Cut Depth at Slope Stake	0 to 5 ft	5:1
		5 ft to 10 ft	4:1
		10 ft to 15 ft	3:1
		> 15 ft	2:1
Earth Fill Slopes	Fill Height at Slope Stake	0 to 10 ft	6:1
		10 ft to 20 ft	4:1
		20 ft to 30 ft	3:1
		> 30 ft	2:1
Alignment Elements	Stopping Sight Distance		730 ft
	Minimum Horizontal Curve Radius		1820 ft
	Vertical Curvature (K-Value)	Crest Vertical Curve	247
		Sag Vertical Curve	181
	Maximum Grade	Level Terrain	3%
	Minimum Vertical Clearance		17 ft

Source: MDT Road Design Manual, Chapter 12, page 12(4), Figure 12-2, "Geometric Design Criteria for Freeways (National Highway System – Interstate) U.S. Customary," December 2008.

Roadway Width

I-90 is generally a four-lane divided highway, generally consisting of separate two-lane roadbeds. The area between the West Billings Interchange and the South Billings Boulevard Interchange (RP 446.3 to RP 446.8) includes a third auxiliary lane in each direction. Table 2.2 provides information on the mainline Interstate width and surface thickness throughout the corridor, based on the current MDT Road Log.

Table 2.2 Mainline Interstate Width and Surface Thickness

EB Lanes			
Location (Reference Post)	Top Thickness (inches)	Bottom Thickness (inches)	Top Width (feet)
433.0 to 434.1	7.2	17.4	37
434.1 to 446.0	7.2	24.0	37
446.0 to 446.4	7.2	30.0	37
446.4 to 446.8	7.2	30.0	45
446.8 to 447.2	7.2	30.0	37
447.2 to 449.7	7.2	24.0	37
449.7 to 453.3	7.2	24.0	38
453.3 to 456.3	7.8	24.0	38
456.3 to 456.6	4.2	24.0	38
WB Lanes			
Location (Reference Post)	Top Thickness (inches)	Bottom Thickness (inches)	Top Width (feet)
433.0 to 433.8	7.2	22.0	37
433.8 to 445.9	7.2	24.0	37
445.9 to 446.3	7.2	30.0	37
446.3 to 446.7	7.2	30.0	45
446.7 to 447.2	7.2	30.0	37
447.2 to 449.6	7.2	24.0	37
449.6 to 453.2	7.2	24.0	38
453.2 to 455.9	7.8	24.0	38
455.9 to 456.8	4.2	24.0	38

Source: MDT, 2011.

Horizontal Alignment

Horizontal alignment refers to the degree of turns and bends in the road, and includes consideration of horizontal curvature, superelevation, and sight distance. For a design speed of 70 mph, the MDT Road Design Manual recommends a minimum curve radius of 1,820 feet (ft), a minimum stopping sight distance of 730 ft, and a minimum curve length of 1,050 ft (which is

applicable only for curves with deflection angles of five degrees or less).[2] Based on these criteria, all horizontal curves within the corridor meet current MDT design standards for curve radius and stopping sight distance. Seven horizontal curves with deflection angles less than five degrees do not meet the current design standard for minimum curve length, although this criterion is only recommended to improve the aesthetics of the highway even if not necessary for engineering reasons. Superelevation information was not available for the corridor and therefore was not assessed. Table 2.3 presents horizontal alignment data for the Interstate mainline.

Vertical Alignment

Vertical alignment refers to the elevation change on a roadway, and includes consideration of grade, vertical curve length, vertical curve type (either a sag curve or a crest curve), and K value (or the horizontal distance needed to produce a one percent change in gradient). Table 2.4 presents vertical alignment information for the Interstate mainline. As noted below, eight vertical curves fail to meet current MDT design standards. Appendix 3 contains a map illustrating vertical curve concerns in the corridor.

[2] Per MDT Road Design Manual, page 9.2(7), Section 9.2.7.1b.

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Table 2.3 Interstate Mainline Horizontal Alignment Analysis

Curve PI[1] (RP)	Curve PI[1] (Station)	Curve Type	Curve Length (ft)	Radius (ft)	Deflection Angle[2]	Design Speed (mph)	Min. Sight Obstruction (ft)	Meet Min. Sight Distance (730 ft)	Meet Min. Radius (1820 ft)	Curve Pass/Fail	Comments
434.44	28+50	SIMPLE	448	5,730	4° 28' 60"	70	11.6	YES	YES	**PASS**	Alignment meets design requirements, but does not meet aesthetic requirements for curve length.
435.04	60+27	SIMPLE	1,252	5,730	12° 31' 00"	70	11.6	YES	YES	**PASS**	
436.77	151+27	SIMPLE	503	11,460	2° 31' 00"	70	5.8	YES	YES	**PASS**	Alignment meets design requirements, but does not meet aesthetic requirements for curve length.
437.85	208+67	SPIRAL	791	3,800	8° 31' 45"	70	17.5	YES	YES	**PASS**	
438.10	221+69	SIMPLE	137	5,700	1° 22' 31"	70	11.7	YES	YES	**PASS**	Alignment meets design requirements, but does not meet aesthetic requirements for curve length.
439.16	277+64	SIMPLE	61	5,700	0° 36' 58"	70	11.7	YES	YES	**PASS**	
439.60	300+81	SIMPLE	28	5,700	0° 16' 36"	70	11.7	YES	YES	**PASS**	
442.17	436+72	SIMPLE	798	11,500	3° 58' 32"	70	5.8	YES	YES	**PASS**	
442.45	451+58	SIMPLE	791	11,500	3° 56' 29"	70	5.8	YES	YES	**PASS**	
445.64	619+87	SPIRAL	1,939	2,100	43° 05' 18"	70	31.6	YES	YES	**PASS**	
446.07	642+33	SPIRAL	1,832	2,410	34° 59' 14"	70	27.6	YES	YES	**PASS**	
446.54	667+45	SPIRAL	1,366	2,200	26° 12' 32"	70	30.2	YES	YES	**PASS**	
449.55	826+11	SIMPLE	9,965	6,360	89° 46' 28"	70	10.5	YES	YES	**PASS**	
450.49	875+68	SIMPLE	1,740	5,700	17° 29' 19"	70	11.7	YES	YES	**PASS**	
451.75	942+59	SPIRAL	3,037	2,900	53° 46' 20"	70	22.9	YES	YES	**PASS**	
452.79	997+24	SIMPLE	1,090	5,700	10° 57' 32"	70	11.7	YES	YES	**PASS**	
454.00	1061+13	SIMPLE	537	5,700	5° 23' 42"	70	11.7	YES	YES	**PASS**	
454.38	1081+45	SIMPLE	1,205	5,700	12° 06' 50"	70	11.7	YES	YES	**PASS**	
455.11	1119+80	SIMPLE	1,181	11,500	5° 53' 03"	70	5.8	YES	YES	**PASS**	

Source: MDT, 2011; DOWL HKM, 2011; MDT Record Drawings; MDT Road Design Manual, pages 9.2(1), 9.2(7), 9.5(1), 12(4).
[1] PI indicates the point of tangent intersection, which is defined as the intersection of the initial and final tangents.
[2] Deflection angle indicates the average degree of curvature and is a measure of the sharpness of the curve. A larger deflection angle indicates a sharper curve.

Table 2.4 Interstate Mainline Vertical Alignment Analysis

Curve PVI[1] (RP)	Curve PVI[1] (Station)	Curve Type[2]	Curve Length (ft)	K Value[3]	Grade Back	Grade Ahead	Design Speed (mph)	Meet Min. K Value (247/181)	Meet Max. Grade (3%)	Meet Min. Curve Length[4] (210'/1000')	Curve Pass/Fail	Comments
434.01	8+50	CREST	1,500	237	3.164%	-3.164%	70	**NO**	**NO**	YES	**FAIL**	LAUREL INTERCHANGE BRIDGE
434.15	13+00	SAG	500	161	-3.164%	-0.050%	70	**NO**	**NO**	NO	**FAIL**	LAUREL INTERCHANGE BRIDGE
434.68	41+00	CREST	800	3,540	-0.050%	-0.276%	70	YES	YES	NO	**PASS**	
435.15	66+00	SAG	110	780	-0.276%	-0.135%	70	YES	YES	NO	**PASS**	
435.58	88+75	CREST	800	4,734	-0.135%	-0.304%	70	YES	YES	NO	**PASS**	
436.03	112+50	SAG	800	4,969	-0.304%	-0.143%	70	YES	YES	NO	**PASS**	
436.37	130+50	CREST	800	4,000	-0.143%	-0.343%	70	YES	YES	NO	**PASS**	
436.84	155+00	NA	NA	NA	-0.343%	-0.209%	70	NA	YES	NA	**PASS**	
437.28	178+50	SAG	450	140	-0.209%	3.000%	70	**NO**	YES	NO	**FAIL**	MOSSMAIN INTERCHANGE BRIDGE
437.49	189+50	CREST	1,450	242	3.000%	-3.000%	70	**NO**	YES	YES	**FAIL**	MOSSMAIN INTERCHANGE BRIDGE
437.69	200+25	SAG	450	168	-3.000%	-0.321%	70	**NO**	YES	NO	**FAIL**	MOSSMAIN INTERCHANGE BRIDGE
438.08	220+50	NA	NA	NA	-0.321%	-0.251%	70	NA	YES	NA	**PASS**	
438.64	250+50	NA	NA	NA	-0.251%	-0.368%	70	NA	YES	NA	**PASS**	
438.48	241+80	CREST	1,312	20,185	-0.212%	-0.277%	70	YES	YES	YES	**PASS**	USED 1998 METRIC PLANS
438.79	258+37	CREST	984	7,569	-0.277%	-0.407%	70	YES	YES	NO	**PASS**	USED 1998 METRIC PLANS

Curve PVI[1] (RP)	Curve PVI[1] (Station)	Curve Type[2]	Curve Length (ft)	K Value[3]	Grade Back	Grade Ahead	Design Speed (mph)	Meet Min. K Value (247/181)	Meet Max. Grade (3%)	Meet Min. Curve Length[4] (210'/1000')	Curve Pass/Fail	Comments
439.18	278+55	SAG	1,312	9,791	-0.407%	-0.273%	70	YES	YES	YES	**PASS**	USED 1998 METRIC PLANS
439.63	302+50	CREST	800	2,105	0.000%	-0.380%	70	YES	YES	NO	**PASS**	SKIPPED VC AT 279+50 DUE TO 1998 PLANS
440.07	325+50	SAG	380	145	-0.380%	2.246%	70	**NO**	YES	NO	**FAIL**	S. 56 ST. BRIDGE APPROACH
440.25	335+50	CREST	1,600	331	2.246%	-2.593%	70	YES	YES	YES	**PASS**	
440.46	346+50	SAG	600	238	-2.593%	-0.070%	70	YES	YES	NO	**PASS**	
441.30	390+50	SAG	800	3,810	-0.070%	0.140%	70	YES	YES	NO	**PASS**	
441.86	420+50	NA	NA	NA	0.140%	0.057%	70	NA	YES	NA	**PASS**	
442.43	450+50	CREST	800	2,305	0.057%	-0.290%	70	YES	YES	NO	**PASS**	
443.00	480+50	NA	NA	NA	-0.290%	0.137%	70	NA	YES	NA	**PASS**	
443.57	510+50	NA	NA	NA	0.137%	-0.090%	70	NA	YES	NA	**PASS**	
444.14	540+50	NA	NA	NA	-0.090%	-0.200%	70	NA	YES	NA	**PASS**	
444.71	570+50	NA	NA	NA	-0.200%	-0.343%	70	NA	YES	NA	**PASS**	
445.14	593+50	NA	NA	NA	-0.343%	-0.163%	70	NA	YES	NA	**PASS**	
445.83	629+65	SAG	500	158	-0.163%	3.000%	70	**NO**	YES	NO	**FAIL**	WEST BILLINGS INTERCHANGE BRIDGE
446.04	640+70	CREST	1,700	283	3.000%	-3.000%	70	YES	YES	YES	**PASS**	
446.29	654+25	SAG	500	208	-3.000%	-0.600%	70	YES	YES	NO	**PASS**	
446.77	679+50	SAG	300	938	-0.600%	-0.280%	70	YES	YES	NO	**PASS**	
447.36	710+50	CREST	400	3,636	-0.280%	-0.390%	70	YES	YES	NO	**PASS**	
447.24	704+50	NA	NA	NA	-0.390%	-0.200%	70	NA	YES	NA	**PASS**	
447.79	733+50	CREST	300	1,000	-0.200%	-0.500%	70	YES	YES	NO	**PASS**	
448.11	750+50	SAG	300	811	-0.500%	-0.130%	70	YES	YES	NO	**PASS**	
448.70	781+50	NA	NA	NA	-0.130%	-0.240%	70	NA	YES	NA	**PASS**	
449.59	828+50	NA	NA	NA	-0.240%	-0.220%	70	NA	YES	NA	**PASS**	
450.30	866+10	SAG	750	233	-0.220%	3.000%	70	YES	YES	NO	**PASS**	
450.53	877+90	CREST	1,600	267	3.000%	-3.000%	70	YES	YES	YES	**PASS**	
450.80	892+40	SAG	800	287	-3.000%	-0.210%	70	YES	YES	NO	**PASS**	
451.61	934+90	SAG	600	1,463	-0.210%	0.200%	70	YES	YES	NO	**PASS**	
451.93	952+00	SAG	800	444	0.200%	2.000%	70	YES	YES	NO	**PASS**	
453.00	1008+50	CREST	1,100	220	2.000%	-3.000%	70	**NO**	YES	YES	**FAIL**	LOCKWOOD INTERCHANGE BRIDGE
453.10	1013+90	SAG	800	250	-3.000%	0.200%	70	YES	YES	NO	**PASS**	
453.78	1049+60	NA	NA	NA	0.200%	-0.322%	70	NA	YES	NA	**PASS**	
454.23	1073+60	SAG	800	1,770	-0.322%	0.130%	70	YES	YES	NO	**PASS**	
454.52	1088+60	CREST	800	1,831	0.130%	-0.307%	70	YES	YES	NO	**PASS**	
454.75	1100+60	SAG	800	809	-0.307%	0.682%	70	YES	YES	NO	**PASS**	
455.11	1119+60	CREST	800	2,974	0.682%	0.413%	70	YES	YES	NO	**PASS**	
455.31	1130+60	CREST	800	332	0.413%	-2.000%	70	YES	YES	NO	**PASS**	
455.54	1142+60	SAG	800	462	-2.000%	-0.269%	70	YES	YES	NO	**PASS**	
456.09	1171+60	SAG	800	469	-0.269%	1.436%	70	YES	YES	NO	**PASS**	
456.54	1195+45	CREST	1,250	750	1.436%	-0.230%	70	YES	YES	YES	**PASS**	

Source: MDT, 2011; DOWL HKM, 2011; MDT Record Drawings; MDT Road Design Manual, pages 10.5(1), 10.5(3), 10.5 (5), 10.5(7), 12(4).

[1] PVI indicates the point of vertical intersection, which is defined as the intersection of the initial and final grades.

[2] Sag curves have a positive grade change (as in a valley); crest curves have a negative grade change (as on a hill).

[3] K value is the horizontal distance needed to produce a one percent change in gradient.

[4] Minimum curve length is recommended for aesthetic reasons (see MDT Road Design Manual pages 10.5(3) and 10.5(7)).

NA indicates locations with no vertical curve (vertical grade only).

Ramp Gore Areas

Design Criteria and Guidelines

Chapter 9 of the MDT Road Design Manual (December 2004) and Chapter 29 of the MDT Traffic Engineering Manual (November 2007) were consulted for guidance regarding exit and entrance ramp and mainline freeway junctions.

Horizontal and Vertical Alignment

A geometric analysis of the Shiloh, South Billings Boulevard, South 27th Street, Lockwood, and Johnson Lane Interchange ramp intersections was conducted as part of the 2006 SEH report. A number of geometric deficiencies were noted for the five interchanges studied. Results and recommendations presented in that report are still viable and have not been revisited by this study. Appendix 7 includes data from the 2006 report referencing the results of this analysis.

An assessment of the Laurel and Mossmain Interchange ramp gore areas was conducted for this study to determine if merge/diverge angles and acceleration and deceleration lengths at entrance and exit ramps meet current MDT design standards. Vertical elements, including consideration of grade, vertical curve length, vertical curve type (either a sag curve or a crest curve), and K value (or the horizontal distance needed to produce a one percent change in gradient), were assessed. Deviations from current MDT standards are noted below. Appendix 3 contains a map illustrating vertical and horizontal concerns at the Laurel and Mossmain interchanges.

Laurel Interchange

- Based on record drawings, the WB and EB on-ramps do not provide sufficient acceleration length or gap length. Recommended acceleration length is based on the highway design speed and the design speed of the entrance curve (variable depending on geometry of interchange). The entry curves at the Laurel Interchange located just before the acceleration ramps vary from 300 ft to 450 ft, safely allowing a design speed of 35 mph. Based on this entry curve design speed, the recommended acceleration length is 1,230 ft. In its current geometric configuration as a partial cloverleaf interchange, the ramp acceleration lengths are less than 400 ft. As such, the lack of acceleration distance and tight horizontal geometry do not allow a vehicle to enter the freeway at recommended speeds.

- The WB and EB off-ramps provide sufficient sight distance, but do not provide adequate deceleration distance. Recommended deceleration length is based on the highway design speed and the design speed of the exit geometry (variable depending on the interchange). The minimum length for a highway design speed of 70 mph and a 50 mph exit speed is 340 ft; the current deceleration lengths are less than 250 ft. Additionally, the recommended radius for a 50 mph exit speed is 760 ft; current exit radii vary from 460 ft to 600 ft.

- The WB on-ramp and EB off-ramp do not meet the minimum K value for a ramp design speed of 50 mph.

Mossmain Interchange

- The WB and EB on-ramps are shorter than recommended. In its current configuration as a diamond interchange with frontage roads, the acceleration ramp lengths are approximately 1,185 ft. Assuming that vehicles turn onto the acceleration ramp from the crossroads at an initial speed of 15mph, acceleration ramp lengths are recommended at 1,560 ft to enter a 70 mph design speed road. Even at initial speeds of 30 mph, the acceleration ramp would be recommended at 1,230 ft.

- The WB and EB off-ramps meet sight distance and deceleration length recommendations.

- There are no vertical alignment deficiencies.

Tables 2.5 and 2.6 present additional information regarding horizontal and vertical alignment for the Laurel and Mossmain Interchange ramps. Due to recent improvements, a geometric analysis was not conducted for the West Billings Interchange.

Table 2.5 Horizontal Alignment Analysis for Laurel and Mossmain Interchanges

Interchange	Ramp Description	Radius (ft)	Design Speed for Curve Radius (mph)	Taper	L_D[1] (ft)	L_A[2] (ft)	Meet Min. Taper[3]	Meet Min. L_A[4]	Meet Min. L_D[5]	Meet Min. Entry Radii[6]
Laurel Interchange	WB ON-RAMP	304	30@ 8%	6°25'11"	-	33	NO	NO	-	NO
		175	Too Low[7]							
		300	30 @ 8%							
	WB OFF-RAMP	603	30 @ 6%	3°41'30"	227	-	YES	-	NO	-
		404	30 @ 7%							
	EB ON-RAMP	500	30 @ 7%	0°56'38"	-	366	YES	NO	-	NO
		441	30 @ 7%							
	EB OFF-RAMP	460	30 @ 7%	4°41'29"	174	-	YES	-	NO	-
		250	30 @ 8%							
		353	30 @ 8%							
Mossmain Interchange	WB ON-RAMP	1763	30@ 3%	0°49'06"	-	462	YES	NO	-	YES
	WB OFF-RAMP	7639	50 @ 2%	3°59'33"	198	-	YES	-	Unknown[8]	-
	EB ON-RAMP	1910	30 @ 3%	0°49'06"	-	464	YES	NO	-	YES
	EB OFF-RAMP	7639	50 @ 2%	4°00'00"	153	-	YES	-	Unknown[8]	-

Source: MDT, 2011; DOWL HKM, 2011; MDT record drawings; MDT Road Design Manual (RDM), page 9.3(3); MDT Traffic Engineering Manual (TEM) pages 29.5(5), 29.5(12), 29.5(14), 29.5(18).

(1) L_D is Deceleration Length and only applies to off-ramps.

(2) L_A is Acceleration Length and only applies to on-ramps.

(3) Entry taper can vary from 2° to 5° (TEM page 29.5(1)); exit taper can vary from 1:50 to 1:70 (TEM page 29.5(14)).

(4) L_A is based on initial vehicle speed (or the design speed of the last entry curve which varies depending on curve radius) and the final speed (or the design speed of the roadway being entered, which in this case is I-90 at 70 mph). The TEM page 29.5(18) provides the minimum distance that is required for a vehicle transitioning from the initial speed to the final speed.

(5) L_D is based on initial vehicle speed (in this case, the design speed of I-90 at 70 mph) and the speed that is allowed by the first geometrically controlling feature (usually the first radius as determined in the RDM). The TEM page 29.5(5) provides the minimum distance that is required for a vehicle transitioning from the initial speed to the final speed.

(6) As shown in the TEM page 29.5(14), the minimum entry radius is 1000'. This only applies to on-ramps which incorporate entry curves.

(7) In this location, the horizontal radius is so tight that it does not meet any design speed as shown in the RDM page 9.3(3). The curve is insufficient for 30 mph design speed.

(8) Will meet L_D requirement if superelevation is 3%; not enough information.

Table 2.6 Vertical Alignment Analysis for Laurel and Mossmain Interchanges

Interchange	Ramp Description	PVI[1] (Station)	Curve Type[2]	Curve Length (ft)	K Value[3]	Grade Back	Grade Ahead	Design Speed (mph)	Meet Min. K Value (84/96 for crest/sag)	Meet Max. Grade (3-5%)	Comments
Laurel Interchange	WB ON-RAMP	13+29	SAG	200	44	-4.550%	0.000%	50	**NO**	YES	Would meet K value at Lower Range ramp design speed (35 mph)
	WB OFF-RAMP	NA	NA	NA	NA	-0.737%	-0.737%	50	NA	YES	
	EB ON-RAMP	NA	NA	NA	NA	-0.640%	-0.640%	50	NA	YES	
	EB OFF-RAMP	14+45	SAG	200	55	-3.636%	0.000%	50	**NO**	YES	Would meet K value at Lower Range ramp design speed (35 mph)
Mossmain Interchange	WB ON-RAMP	29+39	SAG	200	248	-0.806%	0.000%	50	YES	YES	
	WB OFF-RAMP	33+39	SAG	200	144	0.100%	1.490%	50	YES	YES	
	EB ON-RAMP	27+00	SAG	200	147	0.100%	1.460%	50	YES	YES	
	EB OFF-RAMP	23+50	SAG	200	165	-1.353%	-0.140%	50	YES	YES	

Source: MDT, 2011; DOWL HKM, 2011; MDT record drawings; MDT Road Design Manual, pages 10.5(1), 10.5(2), 10.5(5), 10.5(6); MDT Traffic Engineering Manual pages 29.6(1), 29.6(10).

[1] PVI indicates the point of vertical intersection, which is defined as the intersection of the initial and final grades.

[2] Sag curves have a positive grade change (as in a valley).

[3] K value is the horizontal distance needed to produce a one percent change in gradient.

NA indicates locations with no vertical curve (vertical grade only).

Ramp Intersections

Design Criteria and Guidelines

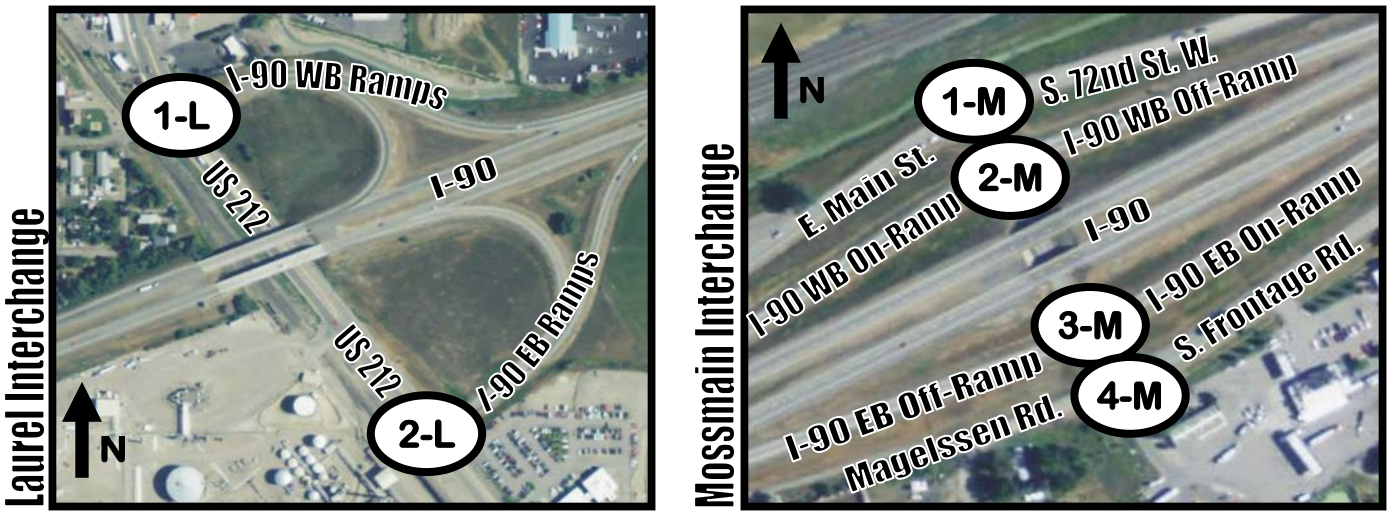
Chapter 13 of the MDT Road Design Manual (September 2007) and Chapter 28 of the MDT Traffic Engineering Manual (November 2007) were consulted for guidance and design criteria regarding signalized and non-signalized intersections. Additionally, the American Association of State Highway and Transportation Officials (AASHTO) Roadway Lighting Design Guide (October 2005) was consulted for guidance and design criteria regarding lighting for freeways.

Horizontal and Vertical Intersection Configuration

A geometric analysis of the Shiloh, South Billings Boulevard, South 27th Street, Lockwood, and Johnson Lane Interchange ramp intersections was conducted as part of the2006 SEH report. A number of geometric deficiencies were noted at the intersections for the five interchanges studied. Results and recommendations presented in that report are still considered viable and have not been revisited by this study. Appendix 7 includes excerpts from the 2006 report referencing the results of this analysis.

An assessment of the Laurel and Mossmain Interchange ramp intersections was conducted for this study to identify issues with intersection configuration, sight distance, and vertical clearance. A summary of this analysis is provided below. Figure 2-3 illustrates the location of ramp intersections at the Laurel and Mossmain interchanges.

Figure 2-2 Intersections at Laurel and Mossmain Interchanges



The Laurel Interchange includes two intersections. The northern intersection (1-L) is signal controlled and the southern intersection (2-L) is stop-controlled. Geometric analysis of these intersections was conducted based on review of record drawings and aerial photography.

- Intersection radii are configured adequately to handle turning movements for a WB-62 vehicle (i.e., a semitrailer vehicle with a wheelbase of 62 feet).
- Both intersections have sufficient sight distance for a 40 to 45 mph design speed. Due to the current configuration and length of the WB off-ramp to the signalized intersection (1-L), stopping sight distance may be impaired during certain peak hour volume queues or during a train preemption of the signal phasing.
- There are no vertical clearance issues at either of the intersections.

Mossmain Interchange Ramp Intersections

This interchange incorporates four intersections (1-M, 2-M, 3-M, and 4-M). All intersections are stop-controlled on the minor legs. Geometric analysis of these intersections was conducted based on review of record drawings and aerial photography.

- Intersection radii are configured adequately to handle turning movements for a WB-62 vehicle.
- Intersection 4-M (Magelssen Road / S. Frontage Road / Interchange Crossroad) is currently stop-controlled on the south leg and the west leg, allowing for free movements between the east leg and the north leg. This configuration requires a free-flowing movement to occur at 90-degrees, which could be a hindrance to some drivers. However, all intersections have sufficient sight distance.
- The Interstate bridges over the interchange crossroad have a maximum vertical clearance of 14’-8.”

2.1.3 Safety Analysis

Mainline Interstate

In March 2011, MDT provided crash data for the portion of the I-90 corridor from RP 433.0 to RP 457.0. The portion of I-90 from RP 433.0 to RP 442.3 is defined as rural Interstate by MDT. The remainder of the corridor (RP 442.3 to RP 457.0) is classified as urban Interstate.

As presented in Table 2.7, the crash rate and severity rate for the rural and urban portions of the I-90 corridor are generally similar to or lower than statewide averages for similar facilities.

Table 2.7 Crash History Comparison (Statewide Average vs. I-90 Corridor)

Criteria	Rural		Urban	
	Statewide Average for Rural Interstate (2006 – 2010)	I-90 Corridor RP 433.0 – 442.3 (2006 – 2010)	Statewide Average for Urban Interstate (2006 – 2010)	I-90 Corridor RP 442.3 – 457.0 (2006 – 2010)
Crash Rate (All Vehicles)	0.92	0.89	1.18	0.96
Severity Index (All Vehicles)	1.86	1.81	1.79	1.90
Severity Rate (All Vehicles)	1.70	1.61	2.11	1.82

Source: MDT, 2011.

Crash and severity rates were calculated by corridor segment using Traffic by Section (TBS) data (see Table 2.8). Over the analysis period, Segment 4 (West Billings Interchange to South Billings Boulevard Interchange) had a higher crash rate and severity rate compared to the statewide average rates for similar facilities. The rates for all other segments fell below the statewide average values.

Table 2.8 Crash Rate and Severity Rate Comparison (Statewide Average and I-90 Corridor vs. I-90 Corridor Segments, 2006 – 2010)

Segment[1]			Crash Rate		Severity Rate	
			Statewide Average (I-90 Corridor Average)[2]	I-90 Segment[1]	Statewide Average (I-90 Corridor Average)[2]	I-90 Segment[1]
Rural	1	**Laurel to Mossmain** (RP 434.0 to RP 437.5)	0.92 (0.89)	0.90	1.70 (1.61)	1.53
	2	**Mossmain to Shiloh** (RP 437.5 to RP 442.2)		0.69		1.37
Urban	3	**Shiloh to West Billings** (RP 442.2 to RP 446.0)	1.18 (0.96)	0.70	2.11 (1.82)	1.38
	4	**West Billings to South Billings Boulevard** (RP 446.0 to RP 447.2)		2.86		6.13
	5	**South Billings Boulevard to South 27th Street** (RP 447.2 to RP 450.1)		0.61		1.08
	6	**South 27th Street to Lockwood** (RP 450.1 to RP 452.9)		1.13		1.93
	7	**Lockwood to Johnson Lane** (RP 452.9 to 455.3)		0.58		1.08
	8	**Johnson Lane to Pinehills** (RP 455.3 to 456.6)		0.72		1.31

Source: MDT, 2011; DOWL HKM, 2011.

Note: For the purpose of crash and severity rate calculations, AADT values were calculated using average of 2006 through 2009 TBS volumes weighted according to TBS segment length. 2010 TBS volumes were not available at the time of the analysis; accordingly, the 2009 volume was used twice in crash and severity rate calculations.

Shaded cell indicates segment exceeding statewide average and corridor-wide rates.

(1) For the crash and severity rate analysis, segments were defined using TBS limits; segment limits for crash/severity rate calculations do not exactly match segment definitions used in the remainder of the study.

(2) As defined by MDT in rural and urban rate calculation, rural portion of corridor extends from RP 433.0 to RP 442.3; urban portion of corridor extends from RP 442.3 to RP 457.0.

In addition to crash rate and severity rate, the crash analysis also examined crash frequency (or the number of crashes occurring over a specified time period). The average number of crashes within a half-mile stretch of the corridor over the five-year analysis period was 18.9. The half-mile stretch from RP 446.0 to RP 446.5 located in Segment 4 had the highest number of crashes as compared to all other half-mile stretches in the corridor. This half-mile stretch is also located in the segment with the highest crash rate and severity rate in the corridor, and was therefore analyzed to identify trends in types of accidents and contributing factors.

A total of 106 crashes were reported from RP 446.0 to RP 446.5 located between the EB on-ramps and WB off-ramps at the West Billings Interchange. The majority of crashes (58 of 106, or 55%) were classified as rear-end collisions. The West Billings Interchange has five merge/diverge locations, which adds to the complexity of the weaving and merging patterns that occur over this half-mile stretch and may influence the number of crashes in this location.

Based on recorded characteristics, most crashes from RP 446.0 to RP 446.5 generally involved two vehicles that occurred on the roadway during dry, clear, daylight conditions in or near an intersection or interchange.

Within the five-year analysis period, 46 crashes involved wild animals (approximately two per mile or nine per year) and 37 animal carcasses were retrieved by maintenance personnel. Crashes involving wild animals were distributed relatively evenly throughout the corridor, ranging from zero to four crashes per half-mile stretch. No single location had a substantially higher concentration of crashes involving wild animals as compared to the corridor overall.

Additional details regarding the crash analysis conducted for this study are contained in Appendix 8.

Ramp Intersections

A safety analysis of the Shiloh, South Billings Boulevard, South 27th Street, Lockwood, and Johnson Lane Interchanges was conducted as part of the2006 SEH report. Safety deficiencies were noted at the Shiloh and Lockwood Interchanges. Appendix 7 includes data from the 2006 SEH report referencing the results of this analysis.

An assessment of the Laurel and Mossmain Interchanges was conducted as part of this study. To avoid duplication of the mainline Interstate analysis, crashes coded as occurring on the I-90 mainline were not included in this analysis.

Laurel Interchange Analysis

Rear-end collisions occurred most frequently (5 out of 13, or 38%) from 2006 to 2010, followed by right angle crashes (4 out of 13, or 31%) and left turn crashes (2 out of 13, or 15%). Signal phasing modifications or similar measures may be needed at this intersection.

Mossmain Interchange Analysis

Only one crash was reported at the Mossmain Interchange from 2006 to 2010; all other crashes occurring near the Mossmain Interchange during the analysis period were coded as mainline crashes. Accordingly, no trends were identified at these intersections.

Overhead Lighting

A lighting analysis of the Shiloh, South Billings Boulevard, South 27th Street, Lockwood, and Johnson Lane Interchange ramp intersections was conducted as part of the2006 SEH report. A number of lighting deficiencies were noted at the intersections for the five interchanges studied. Results and recommendations presented in that report are still considered viable and have not been revisited by this study. Appendix 7 includes excerpts from the 2006 report referencing the results of this analysis.

A lighting assessment of the Laurel and Mossmain Interchanges was conducted as part of this study according to MDT and AASHTO guidelines. MDT and AASHTO classify lighting at interchanges as Partial Interchange Lighting (PIL) or Complete Interchange Lighting (CIL). PIL is a lighting system providing illumination only of decision-making areas of roadways including acceleration and deceleration lanes, ramp terminals, crossroads at frontage road or ramp intersections, and other areas of nighttime hazard. CIL provides relatively uniform lighting on all main lanes and direct connections, and complete interchange lighting of all interchanges within the section.

The Laurel Interchange currently has PIL; CIL conditions are not met due to lack of lighting along the WB on-ramp and EB off-ramp. Although the Mossmain Interchange has lighting along the mainline Interstate and at one location at the WB off-ramp gore, it does not fully meet the PIL criteria.

MDT and AASHTO have defined warranting conditions for PIL and CIL based on ADT volumes for ramps, freeway through lanes, and crossroads in rural, suburban, and urban conditions, as well as the ratio of night to day crash rate within the interchange area and proximity to commercial or industrial development. According to the MDT and AASHTO criteria, PIL is warranted where the total current ADT freeway through traffic lanes exceeds 10,000 for rural conditions, where the total current ADT ramp traffic exceeds 1,000 for rural conditions, or where the ratio of night to day crash rate within the interchange area is at least 1.25 times the statewide average for all unlighted similar sections. CIL is warranted where the

total current ADT ramp traffic entering and leaving the freeway within the interchange area exceeds 5,000 for rural conditions or where the ratio of night to day crash rate within the interchange area is at least 1.5 times the statewide average for all unlighted similar sections.

Based upon the ramp volume criterion, CIL is currently warranted for the Laurel and Mossmain interchanges. Table 2.9 summarizes the analysis for the Laurel and Mossmain Interchanges.

Table 2.9 Lighting Analysis for Laurel and Mossmain Interchanges

Interchange	Type	Existing Interchange Lighting Type	Ramp Volumes[1] (2010)		Mainline Volumes[2] (2010)		Existing Night-to-Day Accident Ratio [3]	Deficiencies
			Total Entering & Exiting Volume (veh/day)	Volumes Meet MDT CIL Volume Criteria?	Total Mainline Through Volume (veh/day)	Volumes Meet MDT PIL Volume Criteria?		
Laurel	Rural	PIL	17,239	**Yes**	9,037	No	0.24	Meets ramp volume criteria for CIL
Mossmain	Rural	*	7,341	**Yes**	20,332	**Yes**	0.33	Meets ramp volume criteria for CIL and mainline volume criteria for PIL

Source: DOWL HKM, 2011; Chapter 13 of the MDT Road Design Manual (November 2007); AASHTO Roadway Lighting Design Guide (October 2005).
CIL = Complete Interchange Lighting; PIL = Partial Interchange Lighting Interchange Lighting
(1) Total volume merging and diverging at the interchange (EB and WB).
(2) Total volume between the interchange merge and diverge locations (EB and WB).
(3) Only accidents within interchange area (ramps, terminals and between terminals) were included in this calculation.
* The Mossmain Interchange does not fully meet PIL criteria.
Note: Crossroad volumes were not evaluated.

2.1.4 Traffic Volumes

Mainline Interstate and Ramp Gore Areas

I-90 serves as the principal east-west route in the region. Primary users of this route are local residents, commuters, commercial truck drivers, recreational users accessing the Yellowstone River, and tourists traveling to Yellowstone National Park and other regional attractions. The vehicle mix includes automobiles, light trucks, delivery vans, intercity passenger buses, school buses, tractor trailers, motorcycles, and semi-trucks.

Annual Average Daily Traffic Volumes

Annual Average Daily Traffic (AADT) is an estimate of all motorized vehicles traveling in both directions on a highway on an average day of a year.

MDT's TransCAD model was used to generate existing (2010) AADT values for each freeway link and ramp gore area in the corridor. A validation process was conducted to confirm AADT segment volumes generated by the TransCAD model. Model volumes were compared to field counts collected in April 2011, Traffic Count Program (TCP) data, Traffic by Section (TBS) data, and Automatic Traffic Recorder (ATR) data. The model was calibrated in select locations to more closely reflect available count data. Raw field count data printouts are contained in Appendix 9. Appendix 10 provides volumes considered in the model validation process.

Peak Hour Mainline Traffic Volumes

Field count data from April 2011 was used to identify the highest peak hour of the day (defined as the four consecutive 15-minute periods with the highest volumes during the three-day count period) and the peak hour percent of Average Daily Traffic (ADT). Peak hour mainline traffic volumes for 2010 were calculated from the AADT generated by the TransCAD model using the field count percent of ADT. Appendix 10 presents peak hour volumes for mainline links and gore areas in the corridor.

Ramp Intersections

Peak Hour Volumes

Peak hour 15-minute turning movement counts were collected by MDT at the two Laurel ramp intersections on April 12, 2011 and at the four Mossmain ramp intersections on April 13, 2011. Raw turning movement count data printouts are contained in Appendix 9.

The peak counts were adjusted to reflect daily and monthly traffic variations as developed and reported by MDT. The highest peak hour of the day for the study intersections was calculated from the observed field data and the consecutive 15-minute counts.

Data from the field count collection effort was also used to identify the peak hour percent of the Average Daily Traffic (ADT). For the purposes of this study, ADT was estimated by assuming the observed PM peak hour is approximately 10% of the ADT. This relationship of the peak hour to the ADT is consistent with 24-hour data collected along the Interstate corridor by MDT. Appendix 10 presents peak hour volumes for the Laurel and Mossmain ramp intersections.

2.1.5 Operational Characteristics

Mainline Interstate

Methodology

Traffic conditions on transportation facilities are commonly defined using the Level of Service (LOS) concept. The Highway Capacity Manual (HCM) 2010 defines LOS based on a variety of factors to provide a qualitative assessment of the driver's experience. For mainline Interstate operations, the HCM defines LOS on the basis of density. Factors affecting mainline LOS include free flow travel speed, percentage of trucks and buses within the travel stream, driver population factor, peak hour factor, the number of travel lanes, and terrain. LOS for freeway segments is generally a measure of the degree of congestion on a roadway and applies to a specific time period, usually 15 minutes. For a mainline, six LOS categories ranging from A to F are used to describe traffic operations, with A representing the best conditions and F representing the worst.

Basic freeway segments are the portions of a freeway outside the influence area of any on-ramp or off-ramp. Table 2.10 presents LOS density criteria for basic mainline freeway segments.

Table 2.10 LOS Criteria for Basic Freeway Segments

Level of Service	Density (pc/mi/ln)[1]
A	≤11.0
B	>11.0 to 18.0
C	>18.0 to 26.0
D	>26.0 to 35.0
E	>35.0 to 45.0
F	>45.0 or any component with a vd/c[2] ratio >1.00

Source: HCM 2010, Exhibit 10-7 LOS Criteria for Freeway Facilities.
[1] pc/mi/ln: passenger cars per mile per lane
[2] A Demand Flow Rate (vd/c) > 1.00 indicates that demand exceeds available capacity.

Freeway weaving segments are the portions of a freeway where an on-ramp is closely followed by an off-ramp and entering or exiting traffic must make at least one lane change to enter or exit the freeway. Table 2.11 presents LOS density criteria for mainline weaving segments.

Table 2.11 LOS Criteria for Weaving Segments

Level of Service	Density (pc/mi/ln)[1]
A	0 to 10.0
B	>10.0 to 20.0
C	>20.0 to 28.0
D	>28.0 to 35.0
E	>35.0
F	Demand exceeds capacity[2]

Source: HCM 2010, Exhibit 12-10 LOS Criteria for Weaving Segments.
[1] pc/mi/ln: passenger cars per mile per lane
[2] Level of service for weaving segments is generally based on density, although in this case LOS is defined as F when the demand volume exceeds available capacity.

Highway Capacity Software (HCS) Version 2010 was used to analyze LOS for basic and weaving Interstate links throughout the corridor. Appendix 10 provides a list of input values used for the operational analysis. Appendix 11 contains the operational analysis worksheets for each analysis location.

Analysis Results

Table 2.12 presents the results of the mainline Interstate operational analysis for existing (2010) conditions. Appendix 12 contains figures illustrating these results.

Table 2.12 Mainline Interstate Operational Analysis Results (2010)

Analysis Location		2010 Peak Hour EB		2010 Peak Hour WB	
		Density (pc/mi/ln)[1]	LOS	Density (pc/mi/ln)[1]	LOS
	Laurel Under	3.4	A	3.8	A
1	Laurel to Mossmain	10.3	A	10.3	A
	Mossmain Under	11.6	B	7.7	A
2	Mossmain to Shiloh	12.3	B	12.2	B
	Shiloh Under	10.0	A	9.5	A
3	Shiloh to West Billings	12.6	B	12.3	B
	West Billings Over	3.6	A	5.5	A
	West Billings Over Part 2[2]	4.0	A	[2]	[2]
4	West Billings to South Billings Boulevard[3]	8.8	A	9.6	A
	South Billings Boulevard Under	8.2	A	9.0	A
5	South Billings Boulevard to South 27th Street	11.1	B	10.0	A
	South 27th Street Under	9.2	A	7.6	A
6	South 27th Street to Lockwood	13.6	B	11.4	B
	Lockwood Under	10.9	A	8.5	A
7	Lockwood to Johnson Lane	10.3	A	11.7	B
	Johnson Lane Under	8.9	A	5.7	A
8	Johnson Lane to Pinehills	9.3	A	6.6	A

Source: DOWL HKM, 2011.
(1) pc/mi/ln: passenger cars per mile per lane
(2) EB only; no corresponding WB component
(3) Location was analyzed as part of a mainline weaving segment; all other locations analyzed as basic freeway segments.
The terms "Under" and "Over" are used to describe the portion of the mainline Interstate within an interchange between on-ramps and off-ramps.

The MDT Traffic Engineering Manual and MDT Road Design Manual define acceptable operations for urban and rural freeway facilities as LOS B. Using this criterion, all freeway segments within the study area are currently operating acceptably. LOS worksheets for these segments are provided in Appendix 11.

Ramp Gore Areas

Methodology

Ramp gore areas (also called freeway merge and diverge segments) are the portions of a freeway where traffic enters or exits without having to change lanes to enter or leave a through traffic lane. As with mainline operations, six LOS categories ranging from A to F are used to describe traffic operations for ramps, with A representing the best conditions and F representing the worst. To reflect driver perceptions regarding the operations of ramps and transitional facilities between freeways and intersecting arterials, the density ranges for corresponding levels of service for ramps is broader than that for freeway segments. Table 2.13 presents LOS criteria for ramp gore areas.

Table 2.13 LOS Criteria for Ramp Gore Areas

Level of Service	Density (pc/mi/ln) [(1)]	Comments
A	≤10.0	Unrestricted operations
B	>10.0 to 20.0	Merging and diverging maneuvers noticeable to drivers
C	>20.0 to 28.0	Influence area speeds begin to decline
D	>28.0 to 35.0	Influence area turbulence becomes intrusive
E	>35.0	Turbulence felt by virtually all drivers
F	Demand exceeds capacity	Ramp and freeway queues form

Source: HCM 2010, Exhibit 13-2 LOS Criteria for Freeway Merge and Diverge Segments
[(1)] pc/mi/ln: passenger cars per mile per lane

HCS was used to analyze LOS for ramp gore areas throughout the corridor. Appendix 10 provides a list of input values used for the operational analysis. Appendix 11 contains operational analysis worksheets for each analysis location.

Analysis Results

Table 2.14 presents the results of the ramp gore area operational analysis for existing (2010) conditions. Appendix 12 contains figures illustrating these results.

Table 2.14 Ramp Gore Area Operational Analysis Results (2010)

Interchange	Ramp Gore	2010 EB		2010 WB	
		Density (pc/mi/ln)(1)	LOS	Density (pc/mi/ln)(1)	LOS
Laurel	On-Ramp	12.4	B	4.0	A
	Off-Ramp	6.4	A	6.9	A
Mossmain	On-Ramp	15.4	B	12.4	B
	Off-Ramp	17.4	B	11.9	B
Shiloh	On-Ramp	13.6	B	15.1	B
	Off-Ramp	15.6	B	14.1	B
West Billings	On-Ramp	7.3	A	14.8	B
	Off-Ramp	7.8	A	NA	NA
	On-Ramp at Mullowney[2]	NA	NA	(2)	(2)
South Billings Boulevard	On-Ramp	11.0	B	NA	NA
	Off-Ramp	NA	NA	14.1	B
South 27th Street	On-Ramp	14.6	B	12.1	B
	Off-Ramp	13.9	B	11.9	B
Lockwood	On-Ramp	13.4	B	14.3	B
	Off-Ramp	15.9	B	13.6	B
Johnson Lane	On-Ramp	11.3	B	14.4	B
	Off-Ramp	13.3	B	9.6	A

Source: DOWL HKM, 2011.
(1) pc/mi/ln: passenger cars per mile per lane
(2) EB only; no corresponding WB component
NA indicates the location was analyzed as part of mainline weaving segment and individual density and LOS values are not reported. Refer to table 2.12 "West Billings to South Billings Boulevard" for weaving segment density and LOS.

The MDT Traffic Engineering Manual and MDT Road Design Manual define acceptable operations for urban and rural freeway facilities as LOS B. Using this criterion as the threshold value, all freeway gore areas within the study area are currently operating acceptably.

For comparison purposes, operational analysis results from the 2006 SEH report are contained in Appendix 7. In some cases, the results reported in Table 2.14 show poorer operating conditions in 2010 than the 2006 SEH report lists for 2023 conditions. Results from the 2006 SEH report could not be replicated due to unknown input values.

Ramp Intersections

Methodology

Intersection capacity and LOS analyses were completed using procedures outlined in the most current version of the Highway Capacity Manual 2010 for both signalized and unsignalized intersections. Analysis was based on HCM calculations for vehicle delay, capacity, and LOS calculations. In accordance with HCM procedures, LOS was determined by estimating the average vehicular delay of the intersections and the intersection movements. For intersections, six LOS categories ranging from A to F are used to describe traffic operations, with LOS A representing no delay and LOS F represent substantial delay. Delay times for each of these categories differ depending on the type of intersection control. LOS delay criteria for signalized intersections are higher than those reported for unsignalized intersections. This difference, as explained in the HCM, accounts for the greater variability in delay associated with each intersection control type as well as different driver expectations associated with each intersection control type. Drivers expect greater delays to be associated with signalized intersections as compared to unsignalized intersections because the perception is that signalized intersections are designed to carry higher traffic volumes and create more delay than would otherwise be expected at an unsignalized intersection. Table 2.15 presents delay times for each category, as defined by the HCM. Factors affecting mainline LOS include average travel speed, percent time delay, intersection delay, capacity utilization, and maximum density.

Table 2.15 Intersection LOS Criteria

LOS	Average Control Delay (seconds per vehicle)	
	Two-Way Stop-Controlled Intersections	Signalized Intersections
A	0 to 10.0	≤10.0
B	>10.0 to 15.0	>10.0 to 20.0
C	>15.0 to 25.0	>20.0 to 35.0
D	>25.0 to 35.0	>35.0 to 55.0
E	>35.0 to 50.0	>55.0 to 80.0
F	>50.0	>80.0

Source: HCM 2010, Exhibit 18-4 Level of Service Criteria for Signalized Intersections and 19-1 Level of Service Criteria for Two-Way Stop-Controlled (TWSC) Intersections.

For this corridor study, ramp intersections for the Laurel Interchange and the Mossmain Interchange were evaluated, as these intersections were not included in the 2006 SEH report. The

SEH report reviewed operational characteristics of the remaining interchange intersections within the corridor area, and the analysis and conclusions documented in that report are still considered valid. The West Billings Interchange is not included in either the SEH report or this document, as the interchange was recently reconstructed.

Currently, the northern intersection at the Laurel Interchange serving WB traffic (1-L) is operating as a signalized intersection. All other intersections at the Laurel Interchange (2-L) and the Mossmain Interchange (1-M, 2-M, 3-M, and 4-M) are stop-controlled on the minor legs. Refer to Figure 2-3 for an illustration of intersection locations.

Analysis Results

Tables 2.16 and 2.17 present the results of the ramp intersection operational analysis for existing (2010) conditions. Appendix 12 contains figures illustrating these results.

Table 2.16 Operational Analysis Results for Signalized Intersection (2010)

Intersection		Control Type	Intersection Approach	Turning Movement	2010 Peak Hour Delay (s/veh)	2010 Peak Hour Volume to Capacity Ratio	2010 Peak Hour LOS
1-L	S. 4th Street / WB I-90 Ramps / US 212	Signalized	EB Approach (S. 4th Street)	EB Left / Through / Right	6.7	NA	A
			WB Approach (WB I-90 Ramps)	WB Left	9.5		A
				WB Through / Right	7.7		A
			NB Approach (US 212)	NB Left	7.9		A
				NB Through & Through / Right	8.6		A
			SB Approach (US 212)	SB Left	8.4		A
				SB Through & Through / Right	9.8		A
			Intersection		**8.9**	**0.52**	**A**

Source: DOWL HKM, 2011.

Shaded cells indicate average control delay and intersection volume to capacity (v/c) ratio for the intersection (all approaches).

Table 2.17 Operational Analysis Results for Stop-Controlled Intersections (2010)

Intersection		Control Type	Intersection Approach	Turning Movement	2010 Peak Hour Delay (s/veh)	2010 Peak Hour LOS
2-L	I-90 EB Ramps / US 212	Stop	WB Approach (EB I-90 Ramps)	WB Left	-	-
				WB Right	14.1	B
		Yield	NB Approach (US 212)	NB Through	-	-
				NB Through / Right	-	-
		Uncontrolled	SB Approach (US 212)	SB Left	9.1	A
				SB Through	-	-
				SB Through	-	-
1-M	E. Main Street / S. 72nd Street West / Interchange Crossroad	Stop	EB Approach (E. Main Street)	EB Through / Right	18.0	C
		Stop	WB Approach (S. 72nd Street West)	WB Left / Through	226.9	F
		Uncontrolled	NB Approach (Interchange Crossroad)	NB Left / Right	8.0	A
2-M	I-90 WB Ramps / Interchange Crossroad	Stop	WB Approach (WB I-90 Off-Ramp)	WB Left / Through / Right	19.3	C
		Uncontrolled	NB Approach (Interchange Crossroad)	NB Left / Through	4.0	A
		Uncontrolled	SB Approach (Interchange Crossroad)	SB Through / Right	-	-
3-M	I-90 EB Ramps / Interchange Crossroad	Stop	EB Approach (EB I-90 Off-Ramp)	EB Left / Through / Right	11.7	B
		Uncontrolled	NB Approach (Interchange Crossroad)	NB Through / Right	-	-
		Uncontrolled	SB Approach (Interchange Crossroad)	SB Left / Through	4.1	A
4-M	Magelssen Road / S. Frontage Road / Interchange Crossroad	Stop	EB Approach (Magelssen Road)	EB Left / Through / Right	-	-
		Uncontrolled	WB Approach (S. Frontage Road)	WB Left / Through / Right	5.7	A
		Stop	NB Approach (Driveway)	NB Left / Through / Right	11.2	B
		Uncontrolled	SB Approach (Interchange Crossroad)	SB Left / Through / Right	-	-

Source: DOWL HKM, 2011.
Dash (-) indicates no conflicting movements (i.e., no delay).
Shaded cells indicate worst approach.

The MDT Road Design Manual notes individual interchange elements should not operate more than one LOS below mainline Interstate LOS. Desirable operations for the mainline Interstate and ramp intersections are defined as LOS B and LOS C, respectively. Based on the HCM analyses, the Laurel Interchange intersections are currently operating with sufficient capacity and with acceptable intersection delay.

The Mossmain Interchange intersections are currently experiencing poor operating characteristics in their existing configuration. Specifically, the northern intersection of E. Main Street / S. 72nd Street West / Interchange Crossroad (1-M) is currently operating at LOS F as a result of stop delay on the east intersection leg due to the large volume of NB left and EB right movements. Similarly, the intersection of the I-90 WB Ramps / Interchange Crossroad (2-M) is experiencing LOS C as a result of the delay associated with entering the free-flowing movements of NB and SB traffic. Appendix 11 contains operational analysis worksheets for each analysis location.

2.2 Land Use, Economic, and Demographic Conditions

2.2.1 Land Use and Development

Zoning maps indicate land adjacent to I-90 within the study corridor is zoned for a variety of uses, including heavy industrial, light industrial, entryway light industrial, highway commercial, community commercial, single family residential, multi-family residential, manufactured home residential, planned unit development, public use, and agriculture. The main land uses adjacent to the Interstate are industrial, commercial, and agricultural. Appendix 1 contains maps illustrating cadastral data for the corridor. Zoning maps are included in Appendix 13.

Based on discussions with the City-County Transportation Planner, undeveloped areas near the Lockwood Interchange, South Billings Boulevard Interchange, and the Shiloh Interchange are zoned for commercial development and are expected to continue to develop over the study planning horizon. Given the current zoning of undeveloped land, there is ample development capacity in the corridor.[3]

The 2009 Transportation Plan Update[4] projected the number of dwelling units in the South Hills area would increase from 2002 to 2035 by 47.2%. During this period, the number of dwelling

[3] Communication with Scott Walker, Transportation Planner, April 14, 2011.
[4] The 2009 Transportation Plan Update utilized the TransCAD traffic model for the Billings Urban Area, which is maintained by MDT in cooperation with the Billings City-County Planning Department and incorporates City of

units in the Shiloh Northwest and the Shiloh West areas are expected to increase by 466.0% and 108.0%, respectively. These areas feed into the South Billings Boulevard Interchange and the Shiloh Interchange.[5] Applications for building permits in Billings have been somewhat flat in recent years, including commercial retail and larger residential tract development.[6] However, this recent trend is not expected to continue.

2.2.2 Economic and Demographic Conditions

The Billings area is a regional economic hub due to its size and relatively central location in relation to smaller communities in eastern Montana and northern Wyoming. Billings airport, rail, and trucking facilities support regional commerce. Billings also offers extensive medical services and retail outlets. These factors have contributed to the region's steady growth within the past 40 years, as illustrated by increases in population and per capita income within the 1970 to 2010 period.

Table 2.18 presents historic population data for the State of Montana, Yellowstone County, and the City of Billings. Yellowstone County and the City of Billings grew by a greater percentage (approximately 70 percent) compared to the state as a whole (approximately 42 percent) from 1970 to 2010.

Table 2.18 Historic Population

Year	State of Montana	Yellowstone County	City of Billings
1970	694,409	87,367	61,581
1980	786,690	108,035	66,824
1990	799,065	113,419	81,151
2000	902,195	129,352	89,847
2010	989,415	147,972	104,170
Change (1970-2010)	295,006 (42.4%)	60,605 (69.4%)	42,589 (69.2%)

Source: U.S. Census Bureau, Census of Population, 1970, 1980, 1990, 2000, and 2010.

Table 2.19 presents historic per capita income data for Yellowstone County and the City of Billings. Income figures are provided for the year listed and are not adjusted for inflation. Over

Billings and Yellowstone County land use forecasts. The *Billings Area I-90 Corridor Planning Study* also utilized the MDT TransCAD model and incorporated updated (2010) population and employment data.

[5] Billings Urban Area Long-Range Transportation Plan – 2009 Update, Table 3.5, Billings Urban Area Projected Dwelling Unit Distribution.

[6] Communication with Scott Walker, Transportation Planner, April 14, 2011.

the 40-year period from 1970 to 2010, both areas experienced similar growth in per capita income.

Table 2.19 Per Capita Income

Year	Yellowstone County Per Capita Income[1]	Billings Metropolitan Statistical Area Per Capita Income[1]
1970	$3,869	$3,829
1980	$10,470	$10,322
1990	$17,354	$17,192
2000	$26,827	$26,684
2009[2]	$39,412	$39,212

Source: U.S. Bureau of Economic Analysis, 2011.
[1] Per capita income provided in dollars for year listed; not adjusted for inflation.
[2] 2010 per capita income data was not available from U.S. Bureau of Economic Analysis at the time of this study.

Table 2.20 presents age distribution data for the State of Montana, Yellowstone County, and the City of Billings. Generally, age groups in Yellowstone County and the City of Billings are of similar size to the state as a whole.

Table 2.20 Age Distribution (2010)

Age Groups	State of Montana		Yellowstone County		City of Billings	
	Number	Percent	Number	Percent	Number	Percent
Under 18 Years	223,563	22.6%	35,040	23.7%	23,547	22.6%
18 to 24 Years	94,611	9.6%	13,249	9.0%	10,252	9.8%
25 to 34 Years	122,864	12.4%	20,067	13.6%	15,318	14.7%
35 to 44 Years	112,945	11.4%	17,789	12.0%	12,025	11.5%
45 to 54 Years	149,832	15.1%	22,223	15.0%	14,799	14.2%
55 to 64 Years	138,858	14.0%	18,736	12.7%	12,623	12.1%
65 to 74 Years	80,742	8.2%	10,742	7.3%	7,508	7.2%
75 Years and Over	66,000	6.7%	10,126	6.8%	8,098	7.8%
Total Population	**989,415**	**100%**	**147,972**	**100%**	**104,170**	**100%**

Source: U.S. Census Bureau, 2010.

As presented in Table 2.21, the majority of the population in Montana, Yellowstone County, and the City of Billings is classified as white by the US Census Bureau. Racial composition in Yellowstone County and the City of Billings is generally similar to that of the state as a whole.

Table 2.21 Racial Composition (2010)

Racial Groups	State of Montana		Yellowstone County		City of Billings	
	Number	Percent	Number	Percent	Number	Percent
White	884,961	89.4%	134,228	90.7%	93,313	89.6%
Black of African American	4,027	0.4%	935	0.6%	828	0.8%
American Indian and Alaska Native	62,555	6.3%	5,881	4.0%	4,619	4.4%
Asian	6,253	0.6%	939	0.6%	778	0.7%
Native Hawaiian and Other Pacific Islander	668	0.1%	114	0.1%	93	0.1%
Some Other Race	5,975	0.6%	1,763	1.2%	1,467	1.4%
Two or More Races	24,976	2.5%	4,112	2.8%	3,072	2.9%
Total Population	**989,415**	**100%**	**147,972**	**100%**	**104,170**	**100%**

Source: U.S. Census Bureau, 2010.

2.3 Environmental and Physical Setting

An Environmental Scan Report was prepared for this study to identify environmental resource constraints and opportunities within the study corridor. Information was gathered from previously published documents, websites, GIS data, and a windshield survey conducted on April 15, 2011. The following sections summarize key information from the Environmental Scan Report.

2.3.1 Physical Environment

Soil Resources and Prime Farmland

Some areas within the corridor are classified as prime and important farmlands under Section 4201 of the Farmland Protection Policy Act (FPPA) of 1981 (Title 7 United States Code, Chapter 73, Sections 4201-4209). A U.S. Department of Agriculture Natural Resource Conservation Service Farmland Conversion Impact Rating Form for Linear Projects (form CPA-106) would need to be completed for any improvements impacting designated farmlands.

Surface Water Bodies, Water Quality, and Waters of the U.S.

The study corridor lies within the Yellowstone River Valley, specifically the Upper Yellowstone-Lake Basin (HUC: 10070004) and Upper Yellowstone-Pompeys Pillar (HUC: 10070007). The Yellowstone River, Canyon Creek, Hogan's Slough, the Billings Bench Water Association (BBWA) Canal, and several minor irrigation ditches cross I-90 within the study area.

The Upper Yellowstone and Middle Yellowstone watersheds are listed as impaired in the Montana Department of Environmental Quality's (DEQ's) 2010 Integrated 303(d)/305(b) Water Quality Report for Montana. The Yellowstone River from the City of Laurel Public Water System (PWS) to the Huntley Diversion Dam is listed as an impaired water body. Total Maximum Daily Loads (TMDLs) have not yet been written for the Yellowstone River in the study corridor. Any construction activities would need to comply with the requirements of Yellowstone River TMDLs and implementation plans once established. Coordination with DEQ should be conducted during the project development process to obtain any needed permits or authorizations, including a short-term water quality standard for turbidity (318 Authorization).

Waters of the United States include all surface waters such as all navigable waters and their tributaries, all interstate waters and their tributaries, all wetlands adjacent to these waters, and all impoundments of these waters. Coordination with the U.S. Army Corps of Engineers (USACE) and Fish, Wildlife & Parks (FWP) should be conducted during the project development process to obtain any needed permits or authorizations, such as a Clean Water Act (CWA) Section 404 and Section 10 permit and a Stream Protection Act (SPA) 124 authorization.

Irrigation Facilities

Irrigation facilities occur adjacent to the study corridor. Maps illustrating these facilities are contained in Appendix 14. Impacted irrigation canals and ditches would need to be relocated in consultation with ditch owners to minimize impacts to farming operations.

Any potential impacts to irrigation facilities would also need to be examined to determine if the irrigation facilities are considered Waters of the U.S. and subject to jurisdiction by USACE.

Stormwater

Under DEQ's Montana Pollutant Discharge Elimination System (MPDES) program, the City of Billings, Yellowstone County, and MDT are co-permittees within the Billings Urbanized Area through the Small Municipal Separate Storm Sewer System (MS4) program.Receiving waters for the Billings MS4 include the Billings Bench Water Association (BBWA) Canal, Canyon Creek Ditch, Canyon Creek, Suburban Ditch, Grey Eagle Ditch, Yellowstone River, Shiloh Drain, Alkali Creek, City/County Drain, Yegen Drain, Holling Drain, Blue Creek, Tributary to Blue Creek, Five Mile Creek, Coulson Ditch, Lockwood Ditch, Dry Creek, and Tributary to Dry Creek. If improvement options are forwarded from this study, stormwater must be addressed according to the MS4 permit.

Wetlands

The study area encompasses portions of the Yellowstone River and several other drainages with associated wetland areas. If improvement options are forwarded from this study, formal wetland delineations would need to be conducted according to standard USACE procedures. Jurisdictional wetland determinations would need to be conducted during the project development process.

All unavoidable impacts to wetlands would need to be permitted and mitigated as required by the CWA and in accordance with FHWA and MDT policies and Executive Order (EO) 11990. Coordination with USACE should be conducted during the project development process to obtain any needed permits, including a CWA Section 404 permit and Section 10 permit.

Floodplains

Within the study corridor, I-90 encroaches into the 100-year floodplain for the Yellowstone River delineated by the Federal Emergency Management Agency (FEMA). FEMA is in the process of updating its floodplain mapping within the Billings area. If improvement options are forwarded from the study, coordination with Yellowstone County should be conducted during the project development process to obtain floodplain mapping and permits as necessary.

Hazardous Materials

According to the Montana Natural Resource Information System (NRIS) database, there are 16 leaking underground storage tank (LUST) sites within the I-90 study corridor. The majority of these sites are active and former commercial gasoline stations and truck stops. Additionally, there are seven DEQ Site Response Section database facilities, as well as two active refinery sites in the corridor that have ongoing U.S. Environmental Protection Agency (USEPA) Resource Conservation and Recovery Act (RCRA) investigations and corrective actions. I-90 crosses through the Lockwood Solvent Site, a federal National Priority List (NPL) Superfund site. Portions of the solvent plume originated from the Beall Trailer, Inc. facility and extend under I-90 from the Lockwood Interchange to the east approximately one mile.

Petroleum pipelines enter the Billings area from several directions and are connected to the Cenex Laurel Refinery, the Conoco-Phillips Refinery, and the Exxon-Mobil Refinery. The lines in close proximity to I-90 generally follow the BNSF Railway corridor. NRIS data indicate a 12-inch petroleum liquid pipeline crosses under I-90 at the Laurel Interchange and another 12-inch petroleum liquid line crosses under I-90 approximately 5 miles east of Laurel. Although not identified on NRIS, a third line of unknown diameter crosses under I-90 at the Lockwood

Interchange. Appendix 15 contains a map illustrating hazardous materials sites within the corridor.

Further evaluation may be needed at specific sites to determine the exact location of facilities of concern and if soil or groundwater contamination could be encountered during construction. This may include reviewing DEQ files and conducting a subsurface investigation to determine the extent of soil and groundwater contamination.

Air Quality

Portions of the study corridor are located within Billings' carbon monoxide (CO) re-attainment area (2002). The corridor also traverses the former sulfur dioxide (SO_2) area of concern, which is no longer legally designated as a nonattainment area. If improvement options are forwarded from the study, an air quality analysis may be required.

2.3.2 Biological Resources

Fish and Wildlife

Threatened and Endangered Wildlife Species and Species of Concern

There are five endangered, threatened, proposed, or candidate animal species listed for Yellowstone County. None are located within the study corridor.

Table 2.22 lists species of concern documented by the Montana Natural Heritage Program (MNHP) within three miles of the study area as of August 2011.

Table 2.22 Animal Species of Concern Documented within Three Miles of Study Area

Group Name	Scientific Name	Common Name
Mammals	*Euderma maculatum*	Spotted Bat
Birds	*Ardea herodias*	Great Blue Heron
	Catharus fuscescens	Veery
	Coccyzus americanus	Yellow-billed Cuckoo
	Falco peregrinus	Peregrine Falcon
	Gymnorhinus cyanocephalus	Pinyon Jay
	Haliaeetus leucocephalus	Bald Eagle
	Spizella breweri	Brewer's Sparrow
Reptiles	*Apalone spinifera*	Spiny Softshell
	Heterodon nasicus	Western Hog-nosed Snake
	Lampropeltis triangulum	Milksnake
	Phrynosoma hernandesi	Greater Short-horned Lizard
	Sceloporus graciosus	Common Sagebrush Lizard
Fish	*Oncorhynchus clarkii bouvieri*	Yellowstone Cutthroat Trout
	Sander canadensis	Sauger

Source: MNHP, 2011.

If improvement options are forwarded from the study, an evaluation of potential impacts to all endangered, threatened, proposed, candidate, or sensitive species will need to be completed during the project development process. Coordination with FWP and USFWS should be conducted during the project development process

Vegetation

Native vegetation in the study area generally consists of wetland and riparian areas along waterways and sagebrush/grasslands in upland areas. The remaining vegetation consists of cultivated crop land.

Threatened and Endangered Plant Species and Species of Concern

There are no endangered, threatened, proposed, or candidate plant species listed for Yellowstone County, and none are currently expected to occur in the study area.

No plant species of concern have been documented within three miles of the study area. If improvement options are forwarded from the study, an evaluation of potential impacts to all endangered, threatened, proposed, candidate, or sensitive plant species will need be conducted during the project development process.

Noxious Weeds

If improvement options are forwarded from the study, the study area will need to be surveyed for noxious weeds during the project development process.

2.3.3 Social and Cultural Resources

Environmental Justice

Minority and low-income persons likely live within the study corridor. If improvement options are forwarded from the study, Environmental Justice will need to be further evaluated during the project development process to determine if these populations are disproportionately adversely affected.

Cultural and Archaeological Resources

A windshield survey of the study area revealed at least eleven historic or potentially historic sites within 300 feet of the existing I-90 alignment. Six of the sites have not been previously recorded and their National Register of Historic Places (NRHP) status would need to be determined during the project development process. There are also several historic-age residences north of the Interstate between the South Billings Boulevard and South 27th Street Interchanges (segment 5).

With the exception of the Coulson Townsite (located in Segment 6), the study corridor is substantially developed and there is a low likelihood of finding any intact archaeological sites within it. Appendix 15 contains a map illustrating historic sites within the corridor.

Federally-funded projects forwarded from the study would require a cultural resource survey of the Area of Potential Effect (APE) as specified in Section 106 of the National Historic Preservation Act (NHPA) (36 CFR 800).

Section 4(f) Resources

Based on field observation, GIS review of public park land data, and review of the NRHP list for Yellowstone County, nineteen sites within the study area could potentially be classified as Section 4(f) resources, including the 11 historic and eight recreational sites. If improvement options are forwarded from this study, a Section 4(f) evaluation would need to be completed for any impacted Section 4(f) resource. Appendix 15 contains a map illustrating potential Section 4(f) resources within the corridor.

Section 6(f) Resources

Ponderosa Park (RP 447.8±) and Coulson Park (RP 451.5±) were identified as possible 6(f) resources within the study area. If improvement options are forwarded from this study, impacts to Section 6(f) resources would need to be documented. Appendix 15 contains a map illustrating potential Section 6(f) resources within the corridor.

Noise

There are a number of residential developments within proximity to the study corridor. In accordance with MDT policies, a noise analysis may be needed to identify impacts resulting from forwarded options such as adding travel lanes or changing lane configurations.

3.0 PROJECTED CONDITIONS

3.1 Transportation System Conditions

This section discusses projected conditions for the Interstate transportation system within the study corridor in terms of anticipated future traffic volumes and operational characteristics.

3.1.1 Traffic Volumes

Mainline Interstate and Ramp Gore Areas

Annual Average Daily Traffic Volumes

Projected (2035) AADT volumes were calculated from the 2010 model output values using growth rates provided by MDT. For planning purposes, MDT typically uses growth rates in the range from 1.0 to 3.5 percent. Model growth rates from 0.0 to 0.99 percent were rounded up to 1.0 percent for the purposes of this study. It was determined that model growth rates above 3.5 percent were appropriate given the relatively low volumes and the future development capacity in the five specific ramp locations where these rates occurred.

Appendix 10 presents AADT volumes and growth rates for mainline links and gore areas that were used for this corridor study.

Peak Hour Mainline Traffic Volumes

Data from the April 2011 field count collection effort was used to identify the highest peak hour of the day (defined as the four consecutive 15-minute periods with the highest volumes over the three-day count period) and the peak hour percent of ADT. Peak hour mainline traffic volumes for 2035 were calculated from the AADT generated by the TransCAD model using the field count percent of ADT. Appendix 10 presents peak hour volumes for mainline links and gore areas in the corridor.

Ramp Intersections

Peak Hour Volumes

Growth rates provided by MDT were applied to adjusted peak hour volumes from the April 2011 field count data for each intersection leg in order to calculate projected 2035 volumes. Appendix 10 presents peak hour volumes for the Laurel and Mossmain ramp intersections.

3.1.2 Operational Characteristics

Operational characteristics of the mainline Interstate, ramp gore areas, and ramp intersections were assessed using the same methodology outlined previously. Please refer to Section 2.1.5 for a detailed description.

Mainline Interstate

Analysis Results

Table 3.1 presents the results of the mainline Interstate operational analysis for projected (2035) conditions. Appendix 12 contains figures illustrating these results.

Table 3.1 Mainline Interstate Operational Analysis Results (2035)

Analysis Location		2035 Peak Hour EB		2035 Peak Hour WB	
		Density (pc/mi/ln)[1]	LOS	Density (pc/mi/ln)[1]	LOS
	Laurel Under	6.0	A	7.0	A
1	Laurel to Mossmain	13.9	B	13.9	B
	Mossmain Under	14.9	B	10.0	A
2	Mossmain to Shiloh	16.6	B	16.5	B
	Shiloh Under	12.9	B	12.1	B
3	Shiloh to West Billings	21.6	C	20.4	C
	West Billings Over	7.9	A	10.9	A
	West Billings Over Part 2[2]	8.8	A	[2]	[2]
4	West Billings to South Billings Boulevard[3]	15.5	B	17.3	B
	South Billings Boulevard Under	12.7	B	16.2	B
5	South Billings Boulevard to South 27th Street	19.7	C	17.7	B
	South 27th Street Under	16.2	B	12.2	B
6	South 27th Street to Lockwood	25.4	C	18.0	B
	Lockwood Under	17.2	B	14.0	B
7	Lockwood to Johnson Lane	17.1	B	20.3	C
	Johnson Lane Under	14.2	B	8.8	A
8	Johnson Lane to Pinehills	15.3	B	10.1	A

Source: DOWL HKM, 2011.
[1] pc/mi/ln: passenger cars per mile per lane
[2] EB only; no corresponding WB component
[3] Location was analyzed as part of a mainline weaving segment; all other locations analyzed as basic freeway segments.
The MDT Traffic Engineering Manual and MDT Road Design Manual define desirable operations for urban and rural Interstate facilities as LOS B. Shaded cells indicate undesirable operations (LOS C or worse).
The terms "Under" and "Over" are used to describe the portion of the mainline Interstate within an interchange between on-ramps and off-ramps.

Several freeway segments within the study area are projected to operate at an unacceptable level, reaching LOS C (with vehicle densities above 18 and 20 pc/mi/ln for basic freeway and weaving segments, respectively) by the study horizon year. Segments projected to operate at an unacceptable level include Shiloh to West Billings, South Billings Boulevard to South 27th Street and South 27th Street to Lockwood EB segments; and Shiloh to West Billings and Lockwood to Johnson Lane WB segments.

The WB segment from South 27th Street to Lockwood and the WB segment from South Billings Boulevard to South 27th Street are predicted to experience densities of 18 pc/mi/ln and 17.7 pc/mi/ln in 2035, which are near the demarcation between LOS B and LOS C. LOS worksheets for these segments are provided in Appendix 11.

Sensitivity Analysis

HCS was used to conduct a sensitivity analysis to determine when operations would be expected to shift from LOS B to LOS C. Expected average annual growth rates provided by MDT were used to predict volumes for intermediate years through straight-line growth. Table 3.2 presents the results of the sensitivity analysis for mainline Interstate segments.

Table 3.2 Mainline Interstate Sensitivity Analysis

Analysis Location		Deficiency Year	
		EB	WB
3	Shiloh to West Billings	2028	2030
5	South Billings Boulevard to South 27th Street	2032	-
6	South 27th Street to Lockwood	2023	-
7	Lockwood to Johnson Lane	-	2031

Source: DOWL HKM, 2011.
Dashes indicate the location operates at LOS B or better through 2035.
The South Billings Boulevard to South 27th Street and South 27th Street to Lockwood WB segments are projected to reach LOS C by 2036.

Ramp Gore Areas

Analysis Results

Table 3.3 presents the results of the ramp gore area operational analysis for projected (2035) conditions. Appendix 12 contains figures illustrating these results.

Table 3.3 Ramp Gore Area Operational Analysis Results (2035)

Interchange	Ramp Gore	2035 EB		2035 WB	
		Density (pc/mi/ln)(1)	LOS	Density (pc/mi/ln)(1)	LOS
Laurel	On-Ramp	17.7	B	7.9	A
	Off-Ramp	9.8	A	11.0	B
Mossmain	On-Ramp	20.5	C	16.2	B
	Off-Ramp	21.6	C	14.9	B
Shiloh	On-Ramp	25.4	C	20.1	C
	Off-Ramp	19.3	B	17.5	B
West Billings	On-Ramp	12.6	B	23.4	C
	Off-Ramp (2)	13.4	B	NA	NA
	On-Ramp at Mullowney (3)	NA	NA	(3)	(3)
South Billings Boulevard	On-Ramp	21.5	C	NA	NA
	Off-Ramp	NA	NA	23.2	C
South 27th Street	On-Ramp	23.7	C	19.1	B
	Off-Ramp	22.4	C	17.8	B
Lockwood	On-Ramp	21.7	C	21.8	C
	Off-Ramp	23.4	C	20.7	C
Johnson Lane	On-Ramp	17.9	B	23.8	C
	Off-Ramp	19.7	B	13.3	B

Source: DOWL HKM, 2011.

(1) pc/mi/ln: passenger cars per mile per lane

(2) The West Billings off-ramp generally operates at LOS B during the peak hour. Due to a high 15-minute traffic volume observed within the peak hour, calculations indicate that the capacity of the ramp gore is briefly exceeded and operates at LOS F.

(3) EB only; no corresponding WB component

NA indicates the location was analyzed as part of mainline weaving segment and therefore individual density and LOS values are not reported. Refer to table 3.1 "West Billings to South Billings Boulevard" for weaving segment Density and LOS.

The MDT Traffic Engineering Manual and MDT Road Design Manual define desirable operations for urban and rural Interstate facilities as LOS B. Shaded cells indicate undesirable operations (LOS C or worse).

Fourteen freeway gore areas within the study area are projected to operate at an unacceptable level by 2035. These include on-ramps at the Mossmain (EB), Shiloh (EB and WB), West Billings (WB), South Billings Boulevard (EB), South 27th Street (EB), Lockwood (EB and WB), and Johnson Lane (WB) Interchanges and off-ramps at the Mossmain (EB), West Billings (EB), South Billings Boulevard (WB), South 27th Street (EB), and Lockwood (EB and WB) Interchanges. The Shiloh EB off-ramp, the South 27th Street WB on-ramp, and the Johnson Lane

EB off-ramp are predicted to experience densities of 19.3, 19.1, and 19.7, respectively, which are near the demarcation between LOS B and LOS C.

Generally, unacceptable operation for freeway merge and diverge segments is defined as vehicle densities above 20 pc/mi/ln. At the West Billings EB off-ramp in 2035, a density of 13.4 pc/mi/ln would normally indicate operation at LOS B. The capacity for a single-lane ramp cannot exceed 2,200 vehicles per hour, whereas the volume of vehicles in the peak hour in this location was calculated to be 2,405. Accordingly, because the ramp volume is projected to exceed available capacity, the gore area is projected to operate at LOS F, despite the relatively low density value.

Sensitivity Analysis

HCS was used to conduct a sensitivity analysis to determine the year when operations could be expected to shift from LOS B to LOS C. Expected average annual growth rates provided by MDT were used to predict volumes for intermediate years through straight-line growth. Table 3.4 presents the results of the sensitivity analysis for ramp gore areas.

Table 3.4 Ramp Gore Area Sensitivity Analysis

Interchange	Ramp Gore	Deficiency Year	
		EB	WB
Mossmain	On-Ramp	2033	-
	Off-Ramp	2027	-
Shiloh	On-Ramp	2027	2035
West Billings	On-Ramp	-	2027
	Off-Ramp	2028	-
	On-Ramp at Mullowney[(1)]	[(1)]	[(1)]
South Billings Boulevard	On-Ramp	2034	-
	Off-Ramp	-	2028
South 27th Street	On-Ramp	2027	-
	Off-Ramp	2030	-
Lockwood	On-Ramp	2031	2031
	Off-Ramp	2026	2034
Johnson Lane	On-Ramp	-	2027

Source: DOWL HKM, 2011.
[(1)] EB only; no corresponding WB component
Dashes indicate the location operates at LOS B or better through 2035.

Ramp Intersections

Analysis Results

Tables 3.5 and 3.6 present the results of the ramp intersection operational analysis for projected (2035) conditions. Appendix 12 contains figures illustrating these results.

Table 3.5 Operational Analysis Results for Signalized Intersection (2035)

Intersection		Control Type	Intersection Approach	Turning Movement	2035 Peak Hour Delay (s/veh)	2035 Peak Hour Volume to Capacity Ratio	2035 Peak Hour LOS
1-L	S. 4th Street / WB I-90 Ramps / US 212	Signalized	EB Approach (S. 4th Street)	EB Left / Through / Right	7.4	NA	A
			WB Approach (WB I-90 Ramps)	WB Left	10.9		B
				WB Through / Right	8.7		A
			NB Approach (US 212)	NB Left	8.3		A
				NB Through & Through / Right	8.9		A
			SB Approach (US 212)	SB Left	8.8		A
				SB Through & Through / Right	10.8		B
			Intersection		**9.8**	**0.57**	**A**

Source: DOWL HKM, 2011.

Shaded cells indicate average control delay and intersection volume to capacity (v/c) ratio for the intersection (all approaches).

Table 3.6 Operational Analysis Results for Stop-Controlled Intersections (2035)

Intersection		Control Type	Intersection Approach	Turning Movement	2035 Peak Hour Delay (s/veh)	2035 Peak Hour LOS
2-L	I-90 EB Ramps / US 212	Stop	WB Approach (EB I-90 Ramps)	WB Left	-	-
				WB Right	17.8	C
		Yield	NB Approach (US 212)	NB Through	-	-
				NB Through / Right	-	-
		Uncontrolled	SB Approach (US 212)	SB Left	9.7	A
				SB Through	-	-
				SB Through	-	-
1-M	E. Main Street / S. 72nd Street West / Interchange Crossroad	Stop	EB Approach (E. Main Street)	EB Through / Right	528.7	F
		Stop	WB Approach (S. 72nd Street West)	WB Left / Through	Overflow	F
		Uncontrolled	NB Approach (Interchange Crossroad)	NB Left / Right	9.2	A
2-M	I-90 WB Ramps / Interchange Crossroad	Stop	WB Approach (WB I-90 Off-Ramp)	WB Left / Through / Right	241.1	F
		Uncontrolled	NB Approach (Interchange Crossroad)	NB Left / Through	5.3	A
		Uncontrolled	SB Approach (Interchange Crossroad)	SB Through / Right	-	-
3-M	I-90 EB Ramps / Interchange Crossroad	Stop	EB Approach (EB I-90 Off-Ramp)	EB Left / Through / Right	42.0	E
		Uncontrolled	NB Approach (Interchange Crossroad)	NB Through / Right	-	-
		Uncontrolled	SB Approach (Interchange Crossroad)	SB Left / Through	5.3	A
4-M	Magelssen Road / S. Frontage Road / Interchange Crossroad	Stop	EB Approach (Magelssen Road)	EB Left / Through / Right	-	-
		Uncontrolled	WB Approach (S. Frontage Road)	WB Left / Through / Right	6.3	A
		Stop	NB Approach (Driveway)	NB Left / Through / Right	25.5	D
		Uncontrolled	SB Approach (Interchange Crossroad)	SB Left / Through / Right	-	-

Source: DOWL HKM, 2011.
Dash (-) indicates no conflicting movements (i.e., no delay).
Shaded cells indicate worst approach.
Overflow indicates volume exceeds capacity.

The MDT Road Design Manual notes individual interchange elements should not operate more than one LOS below mainline Interstate LOS. Desirable operations for the mainline Interstate and ramp intersections are defined as LOS B and LOS C, respectively. Based on the HCM analyses, the signalized intersection (1-L) at the Laurel Interchange are projected to operate at a satisfactory LOS through the design year, based on appropriate adjustments to the signal timing at this intersection. The southern unsignalized intersection (2-L) serving EB traffic falls to LOS C by the planning horizon year, and may benefit from the installation of a signal to improve the LOS to B or better.

By year 2035, all intersections at the Mossmain Interchange are projected to reach failing LOS, with Intersection 1-M experiencing a higher demand than can be served during the peak hour. Furthermore, delays reported for Intersection 2-M could experience queues beyond the ability of the ramp to store the vehicles.

Appendix 11 contains operational analysis worksheets for each analysis location.

Sensitivity Analysis

The two intersections at the Laurel Interchange are projected to operate with a satisfactory LOS through the planning horizon. Accordingly, a sensitivity analysis was not conducted for these intersections.

Intersection 1-M is currently experiencing a failing LOS. Because the four intersections at the Mossmain Interchange are closely spaced, they operate as a system. As such, any operational improvements to intersection 1-M would likely also require operational improvements to the adjacent intersections simultaneously due to their close proximity. Accordingly, a sensitivity analysis was not conducted for the Mossmain ramp intersections because it can be assumed that this system of intersections as a whole is currently failing.

4.0 RECENT AND PLANNED PROJECTS

As of this study, recent and planned projects include the following:

West Billings – King Avenue Bridges was a project involving reconstruction of the King Avenue Bridges and other improvements at the West Billings Interchange. The project was completed in 2007.

The *Shiloh Road* project reconstructed Shiloh Road to a five-lane urban principal arterial, resulting in improved access opportunities to I-90 at the Shiloh Interchange. A parallel project by MDT signalized the intersection at Zoo Drive and Gabel Road between the Shiloh Road corridor and the Interstate corridor. The project was completed in 2010.

2002-Safety Improvements-Billings was a 1.5 mile roadway and roadside safety improvement project widening the EB Lockwood Interchange off-ramp from a single lane to two lanes. This project began at RP 451.7 and continued to RP 453.2 on I-90. The portion of the project within the boundaries of the corridor study was approximately 1.5 miles. The project was completed in 2010.

Pinehills Interchange Southeast was a maintenance project consisting of thin overlay repaving. The project began at RP 456.6 and ended at RP 463.0, affecting 6.5 miles of Interstate adjacent to the eastern border of this corridor study. The project was completed in 2011.

Mossmain Interchange-East was a 23.6 mile roadway and roadside safety improvement project involving median slope flattening and median cable guardrail along the I-90 corridor in the Billings urban area. This project began at RP 437.4 and continued to RP 461.0. The portion of the project within the boundaries of this corridor study was approximately 19.2 miles. The project was completed in 2011.

Park City Interchange - East was a maintenance project involving mill and overlay repaving, replacement of the weigh-in-motion sensors at the Mossmain Scale at RP 438.7±, and a seal and cover from RP 426.6 to 446.0. The project was completed in 2012.

An Environmental Impact Statement (EIS) is being prepared for the *Billings Bypass* project to propose a new arterial roadway connection between I-90 and Old Hwy 312 in the northeast portion of the Billings urban area. All of the Build Alternatives currently being considered would

connect to the Interstate corridor at the Johnson Lane Interchange and would require reconstruction of the interchange and a new crossing of the Yellowstone River. The EIS and Record of Decision (ROD) are expected to be completed in 2013.

5.0 SUMMARY OF ISSUES AND CONCERNS

Based on the foregoing review of existing and projected conditions, Table 5.1 presents a summary of potential issues and concerns within the corridor identified by this study. Anticipated impacts to specific resources (e.g., bridges, bicycle and pedestrian facilities, utilities, etc.) will be detailed following development of improvement options. Deficiencies identified in the 2006 SEH report are contained in Appendix 7.

Table 5.1 Summary of Issues and Concerns

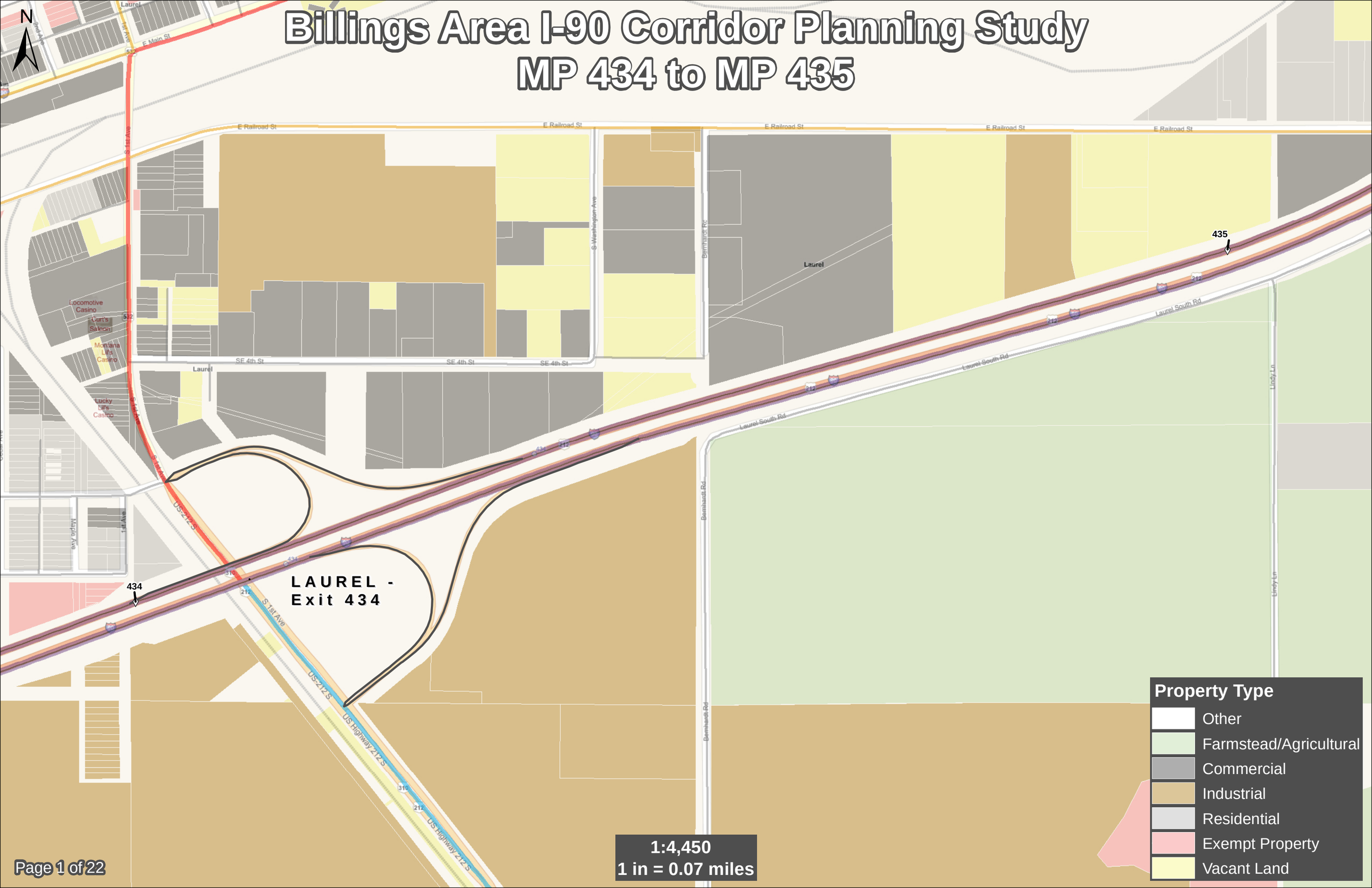
Condition		Issue / Concern
Transportation System Conditions	**Physical Features**	Bridges • 10 bridges are functionally obsolete; of these, four are eligible for rehabilitation • One set of twin bridges is fracture critical
	Geometric Conditions	Mainline Links • Eight non-standard vertical curves within the corridor Laurel and Mossmain Interchange Ramps • Insufficient acceleration lengths at Laurel and Mossmain Interchanges • Insufficient deceleration lengths at Laurel Interchange • Failure to meet minimum K value at Laurel WB on-ramp and EB off-ramp Laurel and Mossmain Interchange Ramp Intersections • The Interstate bridge over the Mossmain Interchange crossroad has a maximum vertical clearance of 14' - 8".
	Safety Conditions	Segment 4 (West Billings to South Billings Boulevard, RP 446.0 to RP 447.2) Crash rate and severity rate are approximately 1.7 and 2.2 times higher than the statewide average for similar facilities. Half-mile stretch from RP 446.0 to RP 446.5 exhibits high frequency of crashes. Laurel and Mossmain Interchange Ramp Intersections • Lighting at the Laurel and Mossmain Interchanges is insufficient according to recommended guidelines
	Operational Conditions	Mainline Links • LOS C is projected by 2035 in five locations Laurel and Mossmain Interchange Ramp Gore Areas • LOS C is projected by 2035 in 15 locations Laurel and Mossmain Interchange Ramp Intersections • LOS D or worse is projected by 2035 in four locations

Condition	Issue / Concern
Environmental Conditions	Prime Farmland • Prime and important farmlands are located in study corridor Surface Water • Portion of Yellowstone River within study area is listed in the DEQ 2010 Integrated 303(d)/305(b) Water Quality Report for Montana. Irrigation Facilities • A number of irrigation facilities are located within the corridor Stormwater • Receiving waters for the Billings MS4 are located within the study corridor Wetlands • Study area includes portions of the Yellowstone River and other drainages with associated wetland areas Floodplains • I-90 encroaches into the 100-year floodplain for the Yellowstone River Hazardous Materials • Hazardous sites in the corridor include 16 LUST sites, three refineries, three petroleum pipelines, one NPL Superfund site, and seven sites identified in the DEQ Site Response Section Floodplains • I-90 encroaches into the 100-year floodplain for the Yellowstone River Fish and Wildlife • One mammal, seven bird, five reptile, and two fish species of concern are documented within three miles of the study area Cultural and Archaeological Resources • At least eleven historic or potentially historic sites are located within 300 feet of the existing I-90 alignment. Section 4(f) and 6(f) Resources • Nineteen sites could potentially be classified as Section 4(f) resources within the study area, including 11 historic sites and eight recreational sites. • Two parks were identified as possible 6(f) resources within the study area. Noise • There are residential developments within proximity to the study corridor

Appendix 1

Corridor Mapping by Mile

Billings Area I-90 Corridor Planning Study
MP 434 to MP 435

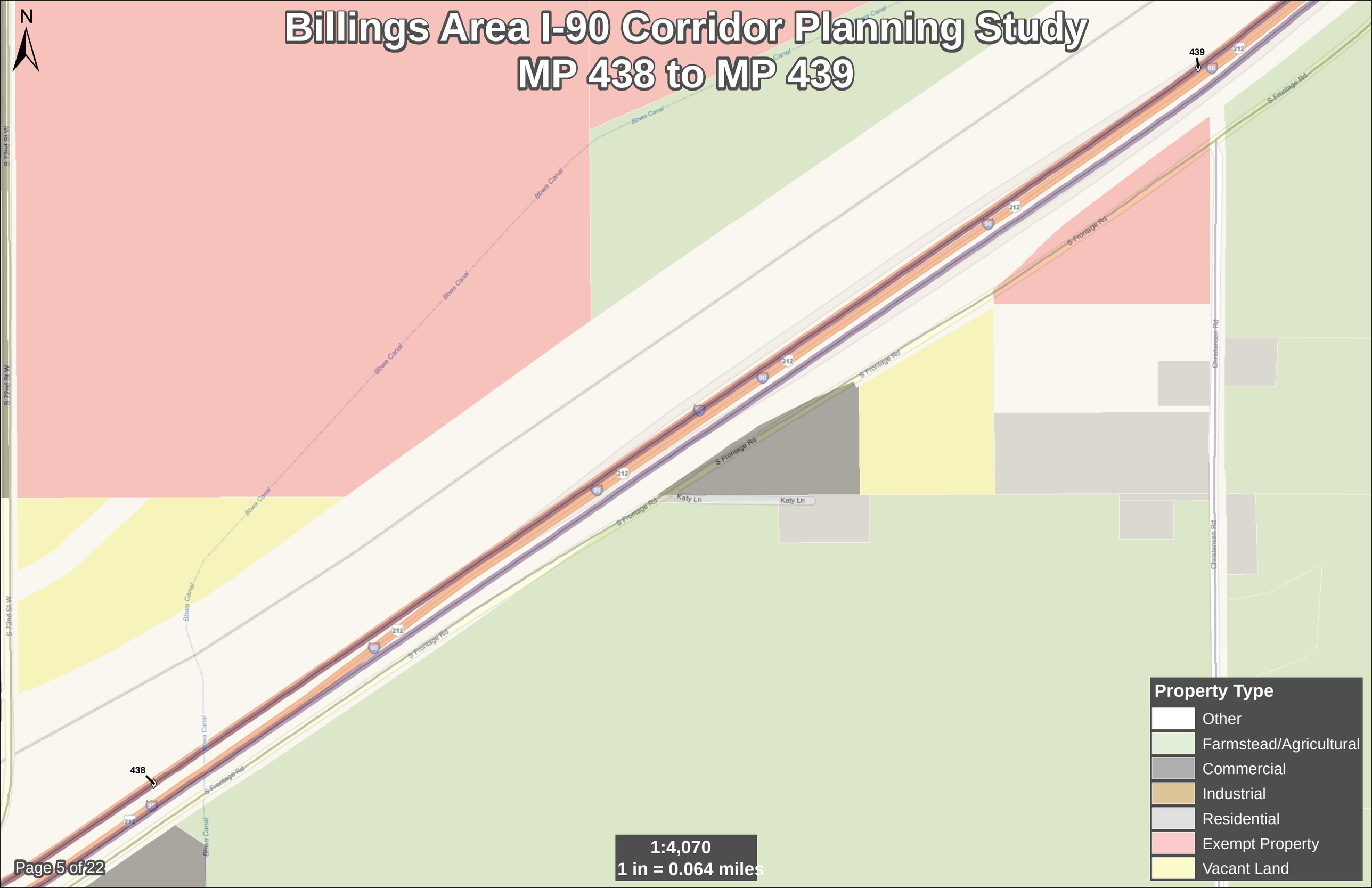


Billings Area I-90 Corridor Planning Study
MP 435 to MP 436

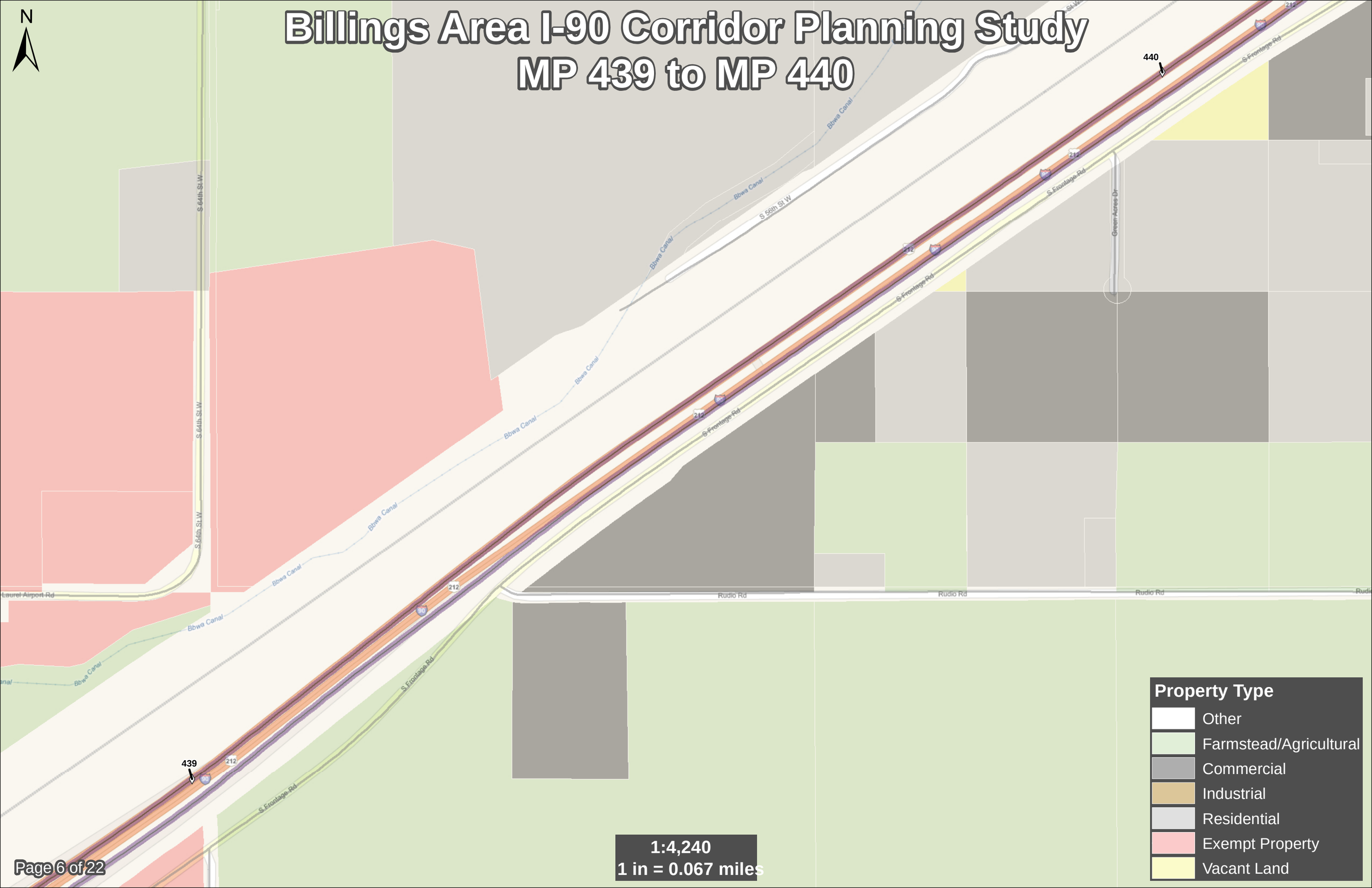
Billings Area I-90 Corridor Planning Study
MP 436 to MP 437

Billings Area I-90 Corridor Planning Study
MP 437 to MP 438

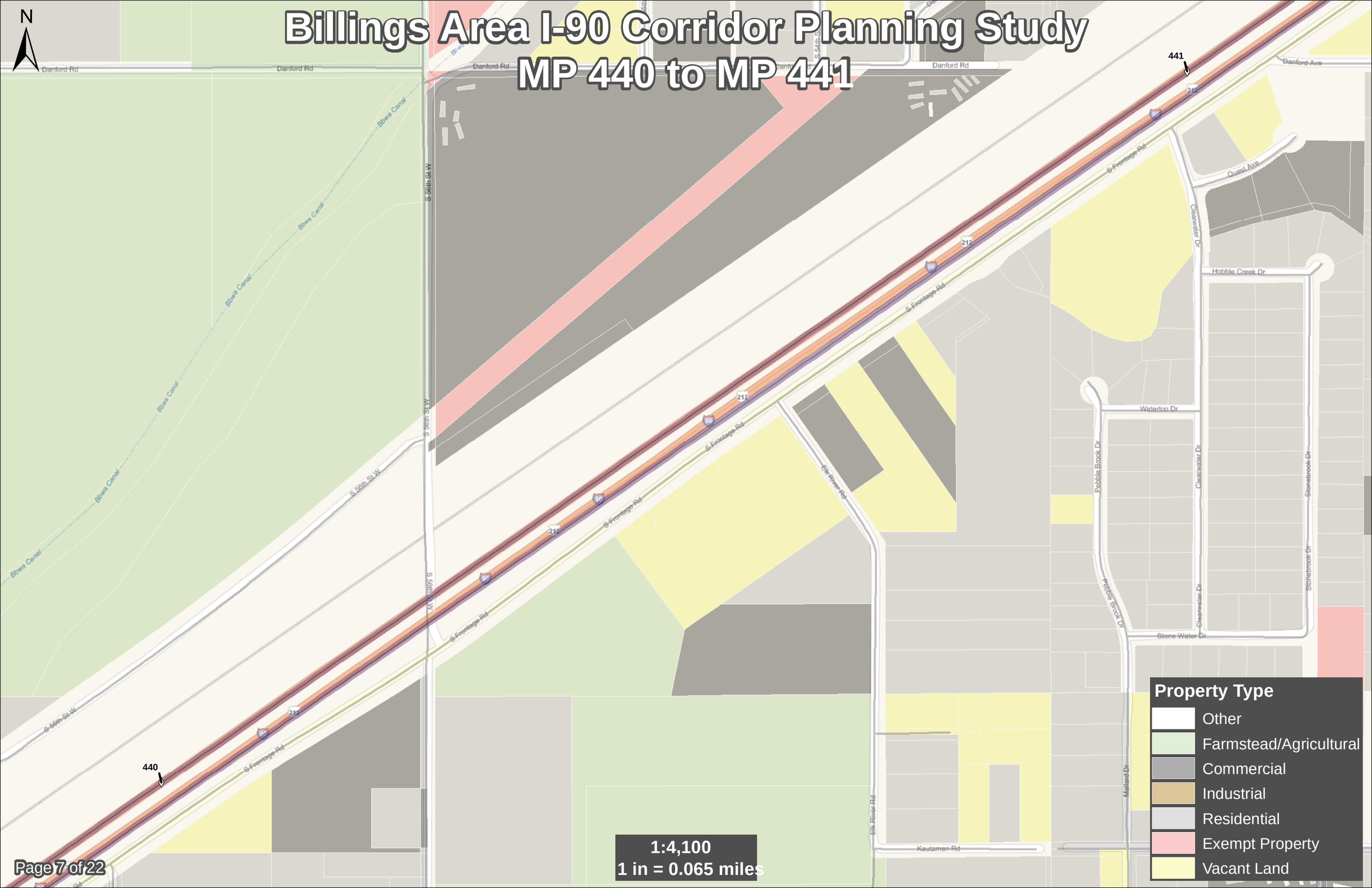
Billings Area I-90 Corridor Planning Study
MP 438 to MP 439



Billings Area I-90 Corridor Planning Study
MP 439 to MP 440



Billings Area I-90 Corridor Planning Study
MP 440 to MP 441



Property Type

- Other
- Farmstead/Agricultural
- Commercial
- Industrial
- Residential
- Exempt Property
- Vacant Land

Billings Area I-90 Corridor Planning Study
MP 441 to MP 442

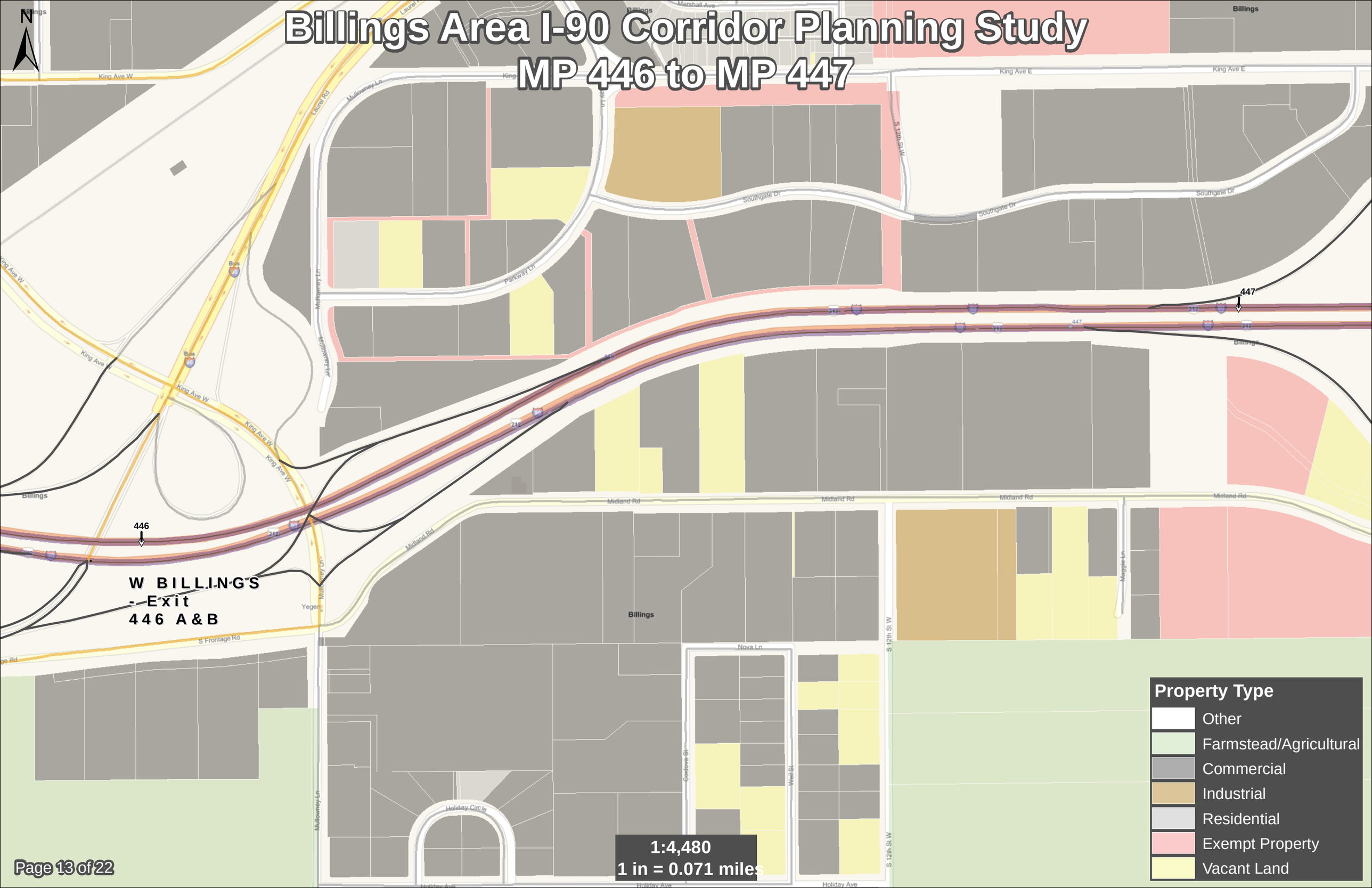
Billings Area I-90 Corridor Planning Study
MP 442 to MP 443

Billings Area I-90 Corridor Planning Study
MP 443 to MP 444

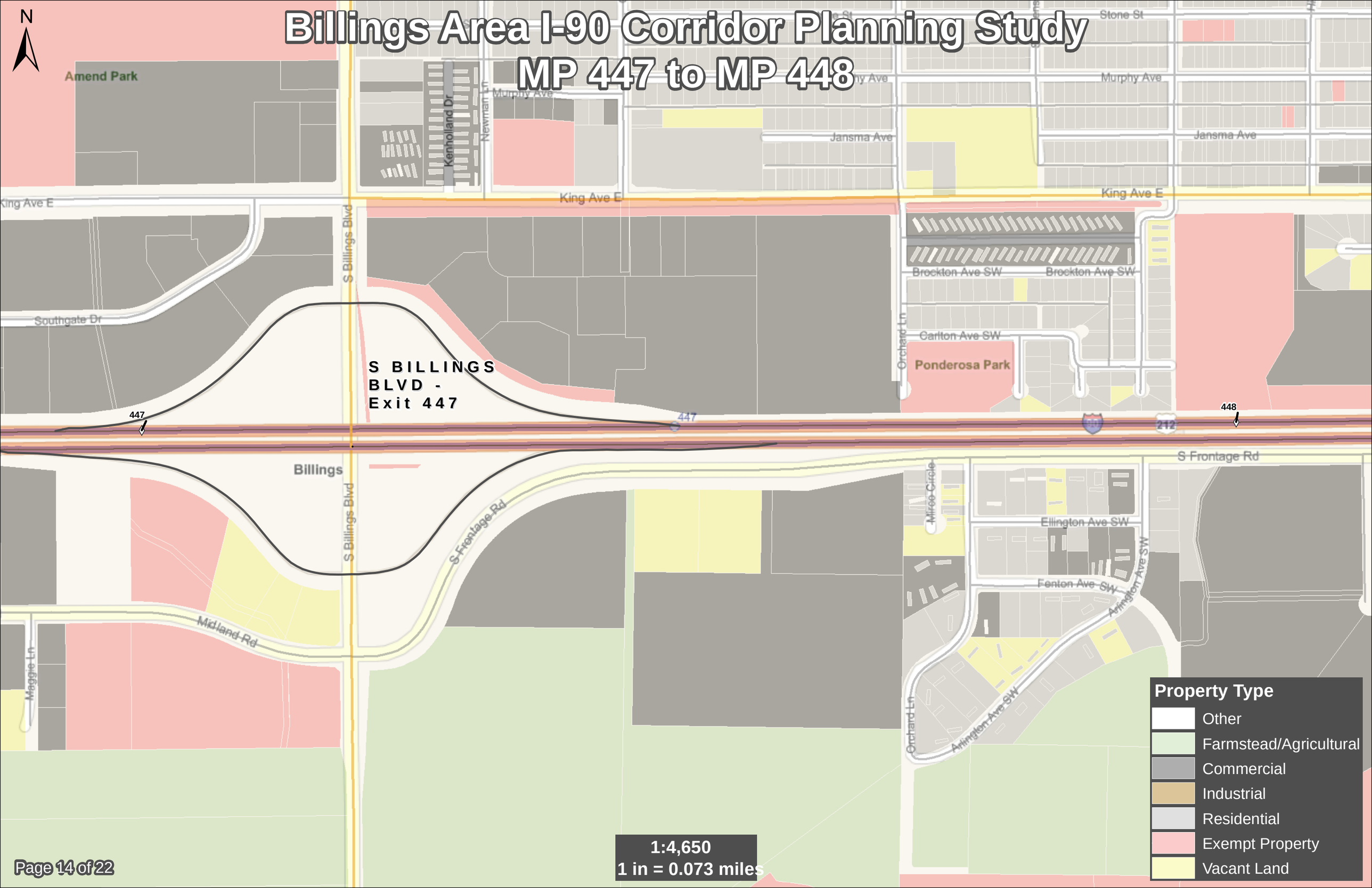
Billings Area I-90 Corridor Planning Study
MP 444 to MP 445

Billings Area I-90 Corridor Planning Study
MP 445 to MP 446

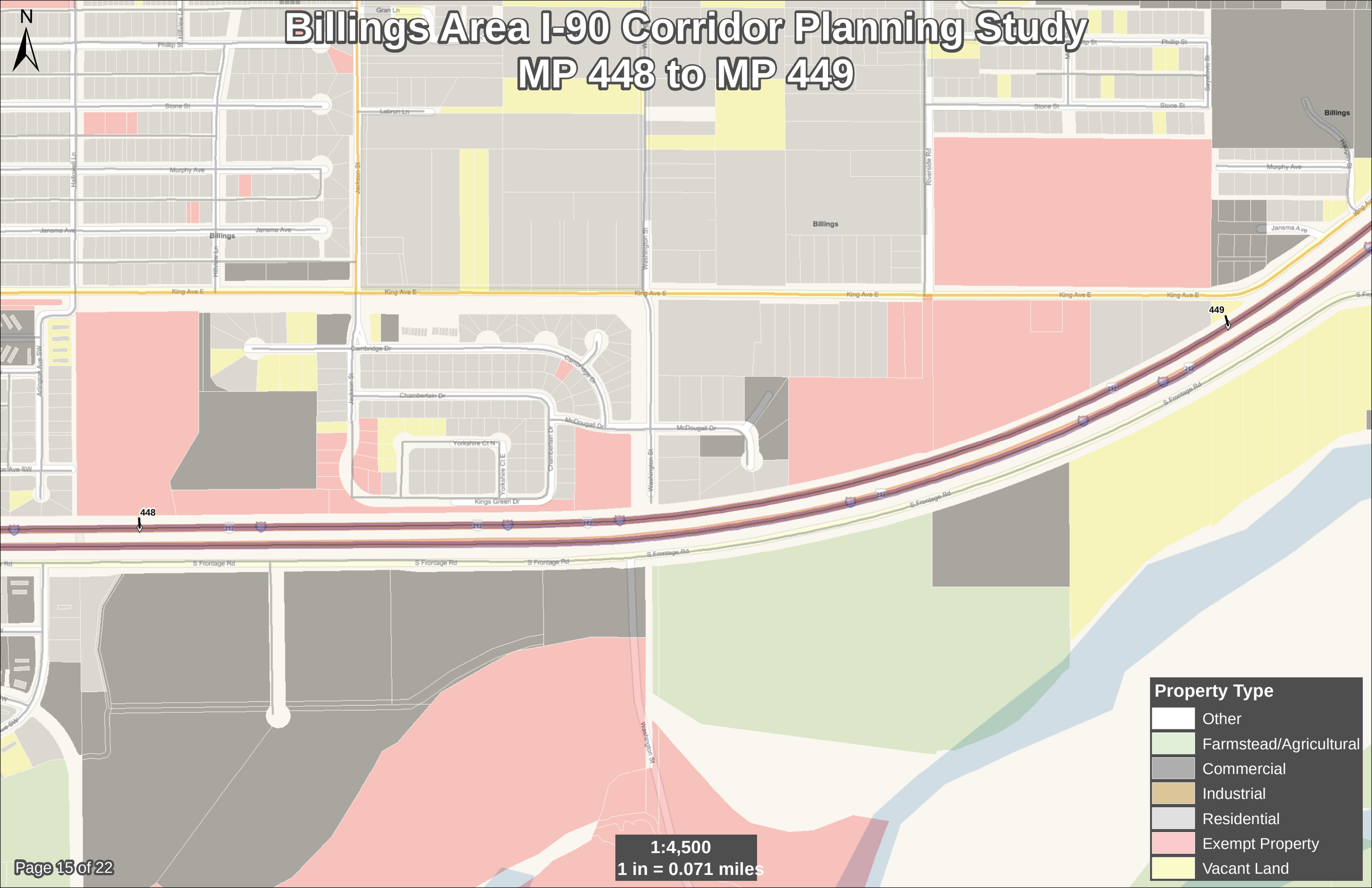
Billings Area I-90 Corridor Planning Study
MP 446 to MP 447



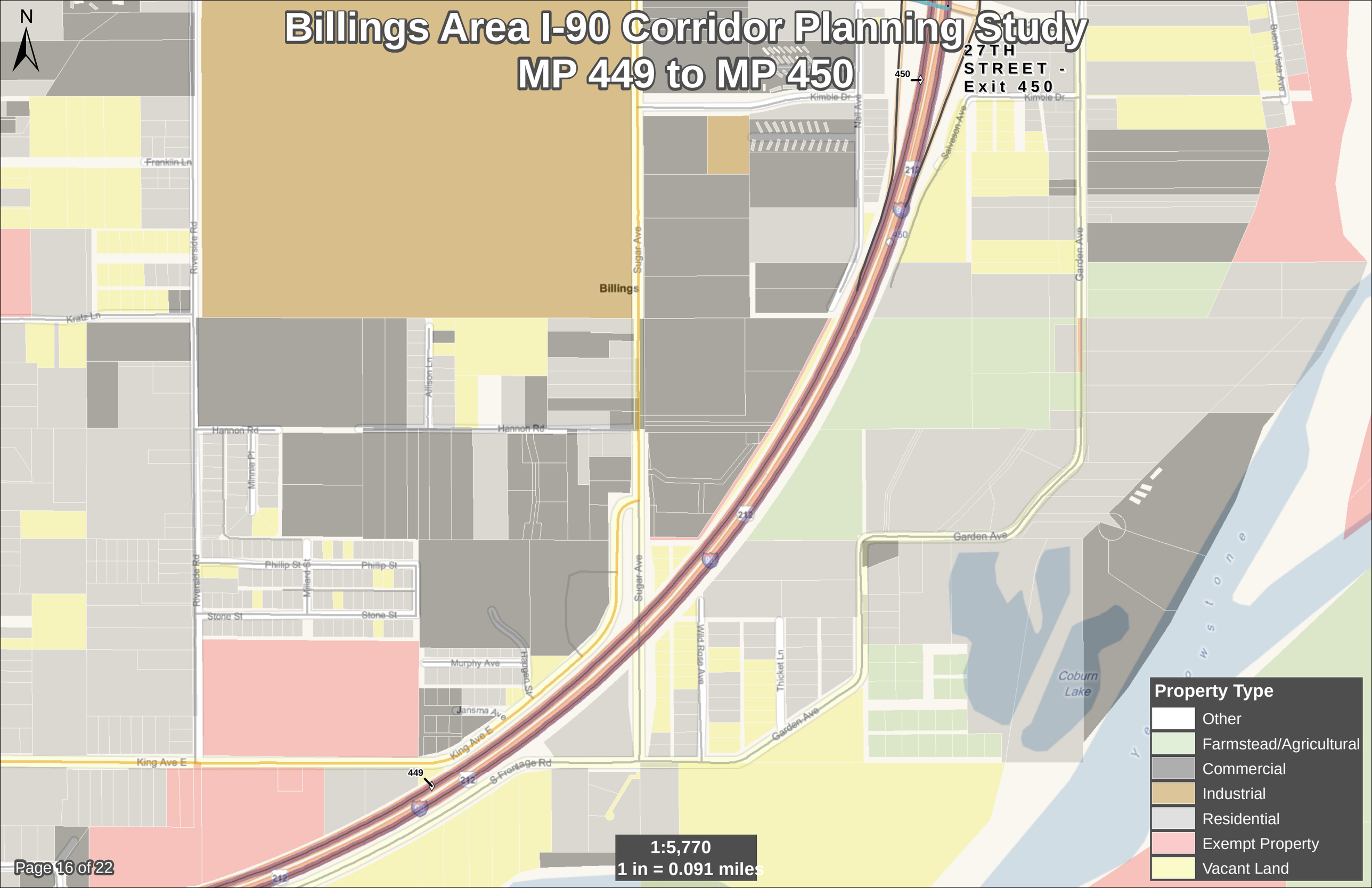
Billings Area I-90 Corridor Planning Study
MP 447 to MP 448



Billings Area I-90 Corridor Planning Study
MP 448 to MP 449



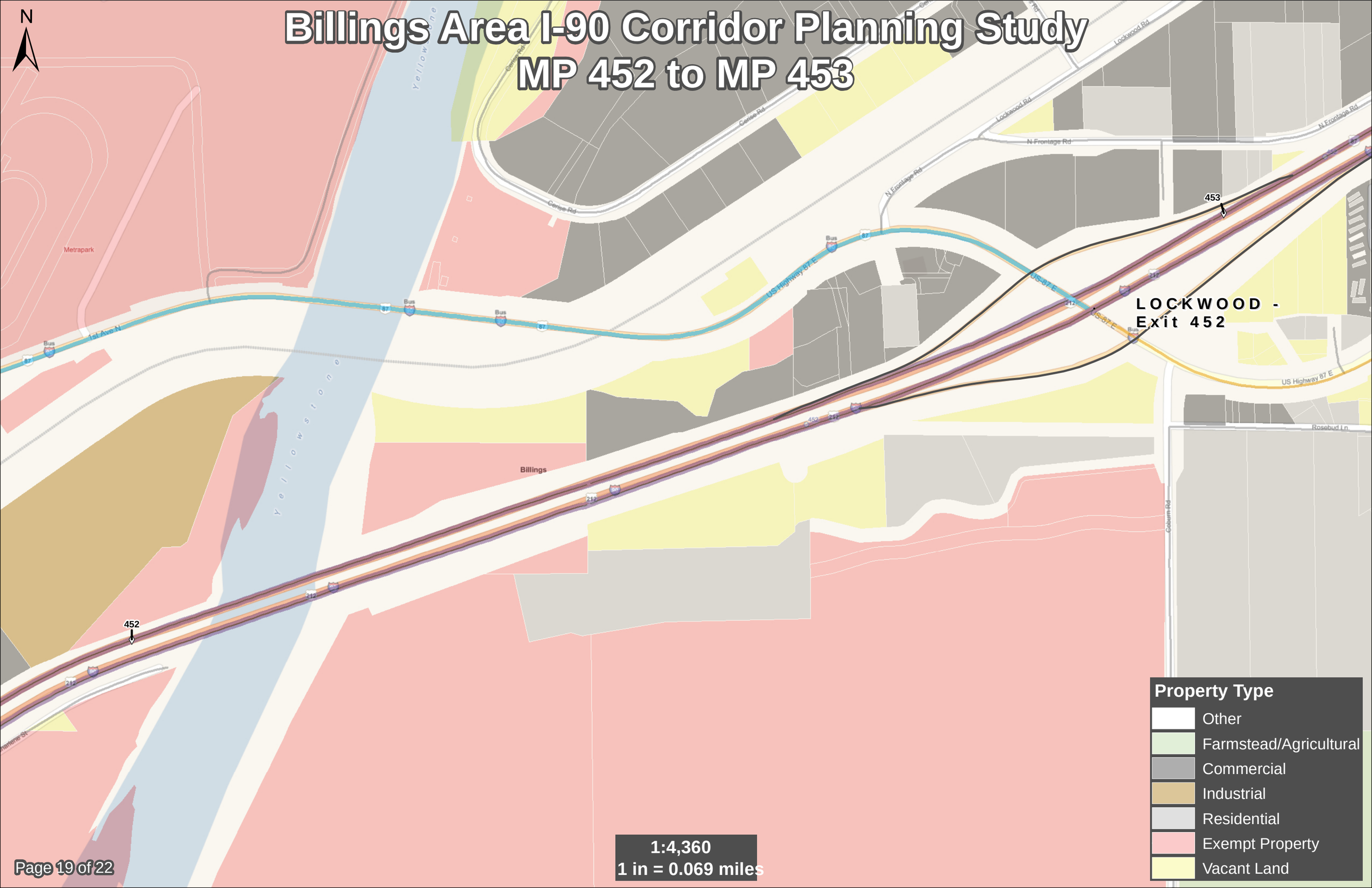
Billings Area I-90 Corridor Planning Study
MP 449 to MP 450



Billings Area I-90 Corridor Planning Study
MP 450 to MP 451

Billings Area I-90 Corridor Planning Study
MP 451 to MP 452

Billings Area I-90 Corridor Planning Study
MP 452 to MP 453



Billings Area I-90 Corridor Planning Study
MP 453 to MP 454

Billings Area I-90 Corridor Planning Study
MP 454 to MP 455

Billings Area I-90 Corridor Planning Study
MP 455 to MP 456

Appendix 2

Windshield Survey Summary and Photo Log

DOWL HKM

Physical Address:
104 East Broadway
Suite G-1
Helena, Montana 59601

Mailing Address:
P.O. Box 1009
Helena, Montana 59624

Phone: (406) 442 - 0370 Fax: (406) 442 - 0377

MEMORANDUM

To: Tom Kahle
MDT Project Manager

From: Sarah Nicolai
DOWL HKM Project Manager

Date: May 4, 2011

Subject: Summary of Windshield Survey Conducted on April 15, 2011
Billings Area I-90 Corridor Planning Study

The following team members conducted a windshield survey of the study corridor on April 15, 2011:

Todd Cormier	DOWL HKM
Sarah Nicolai	DOWL HKM
David Stoner	DOWL HKM

This summary describes potential constraints observed in the field during the survey, although it should not be considered a comprehensive account of all constraints within the corridor. Constraints are discussed progressing west to east from Segment 1 to Segment 8. Reference Post (RP) and Station (Sta.) locations are approximated. Potential constraints were visually inspected; no testing or detailed inspections were conducted.

Segment 1: Laurel Interchange to Mossmain Interchange

The Laurel Interchange eastbound on-ramp currently appears to have geometric deficiencies including tight horizontal curves, limited sight distance for merging, and lack of adequate acceleration distance. It was noted in the field that these issues could be resolved if a third lane was added to the outside of the Interstate, either as a dedicated lane or as a longer parallel acceleration lane.

The Laurel Interchange westbound off-ramp also appears to have geometric deficiencies related to lack of adequate deceleration distance to the off-ramp intersection with South 1st Avenue as well as tight horizontal curves. It was noted in the field that some of these issues could be addressed through the addition of a parallel exit lane or a 3rd lane transitioning to an exit lane at this location.

Culverts

- A 60-inch culvert servicing Italian Ditch is located at RP 434.0 (Sta. 25). The culvert extends through each set of Interstate lanes and the median. Widening to the inside of the Interstate would avoid the need to lengthen the culvert, although the culvert may need to be replaced due to its age and condition. (Photo 1 and 2).
- An inverted siphon is located at RP 435.7 (Sta. 140). The siphon extends through each set of Interstate lanes and the median. Widening would need to occur toward the inside in this location. (Photo 5).
- Canyon Creek Ditch is located at RP 436.9 (Sta.165).

Overhead Power Lines

- RP 434.5 (Sta. 35)
- RP 435.0 (Sta. 60)
- RP 435.5 (Sta. 70)
- RP 436.5 (Sta. 138)
- RP 436.8 (Sta. 150)

Bridges

- The Strauch Road Bridge crosses I-90 at RP 435.5 (Sta. 90). Based on field measurements, the median is 42 feet wide, with 21 feet from the center of the bridge pier to the eastbound edge of pavement and the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. (Photos 3 and 4).

Emergency Vehicle Turnarounds

- RP 434.7 (Sta. 40)
- RP 437.0 (Sta. 162)

Segment 2: Mossmain Interchange to Shiloh Interchange

Culverts

- The Danford Drain is located at RP 440.78 (Sta.363). This culvert would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate.

Overhead Power Lines

- RP 437.5 (Sta. 195)
- RP 437.6 (Sta. 209)
- RP 437.65 (Sta. 210)
- RP 439.0 (Sta. 285)
- RP 441.5 (Sta. 400)
- RP 442.0 (Sta. 418)
- RP 442.6 (Sta. 463)
- RP 443.0 (Sta. 480)

Bridges

- Two I-90 mainline bridges cross over the Mossmain Interchange crossroad at RP 437.5 (Sta. 190). It appears that the Interstate could be widened to the inside in this location with a reconstruction of the bridge structures.
- Two I-90 mainline bridges cross over BBWA Canal at RP 438.0 (Sta. 220).
- Two South 56th Street overpass bridges are located at RP 440.25 (Sta.335). The existing bridge structures would require reconstruction to add additional travel lanes.
- Two I-90 mainline bridges cross over 56th St. W at RP 443.0 (Sta. 337).
- The Autumn Lane Bridge crosses over the I-90 mainline at RP 442.7 (Sta. 465). Distance to median piers and vertical clearance was not measured. (Photos 6 and 7).
- Two I-90 mainline bridges cross over Canyon Creek at RP 442.8 (Sta. 470). It appears that the Interstate could be widened to the inside in this location with a reconstruction of the bridge structures (Photos 8 and 9).

Adjacent Road

- South 72nd Street West located at RP 437.79 (Sta. 205) could possibly be in conflict with new I-90 foreslopes. This location may possibly require a barrier for safe roadway separation.

Weigh Station

- Adding travel lanes to I-90 would require pavement modification for both weigh stations located at RP 438.92 (Sta. 265).

Emergency Vehicle Turnarounds

- RP 439.5 (Sta. 302)
- RP 442.2 (Sta. 443)

Segment 3: Shiloh Interchange to West Billings Interchange

Overhead Power Lines

- RP 445.1 (Sta. 595)

Overhead Signs

- Eastbound Lane RP 445.7 (Sta. 614). The sign bridge structure would require reconstruction if widening occurred at this location.

Bridges

- The Shiloh Interchange crossroad crosses over the I-90 mainline at RP 443.4 (Sta. 508). It appears that the Interstate could be widened to the inside in this location.
- Two I-90 mainline bridges cross over Hogan's Slough at RP 445.5 (Sta. 610). Based on field measurements, the median is 42 feet wide. The bridge would need to be reconstructed to accommodate a third lane in each direction on the I-90 mainline. This location is constrained by the frontage road south of the eastbound lanes. (Photos 10 through 12).

Emergency Vehicle Turnarounds

- RP 445.3 (Sta. 605)

Segment 4: West Billings Interchange to South Billings Boulevard Interchange

Overhead Power Lines

- RP 446.3 (Sta. 656)

Overhead Signs

- Eastbound and westbound sign at RP 446.4 (Sta. 661). The sign bridge structure would require reconstruction if widening occurred at this location.
- Eastbound and westbound sign at RP 446.7 (Sta. 685). The sign bridge structure would require reconstruction if widening occurred at this location.

Bridges

- Two West Billings Interchange bridges cross over an access road at RP 446.0 (Sta. 636). The bridge structures would require reconstruction if widening occurred at this location.
- Two West Billings Interchange bridges cross over an access road at RP 446.2 (Sta. 647). The bridge structures would require reconstruction if widening occurred at this location.

Segment 5: South Billings Boulevard Interchange to S. 27th Street Interchange

Culverts

- Two 60-inch culverts servicing Suburban Ditch are located at RP 448.4 (Sta. 770). The culverts extend through each set of Interstate lanes and the median. These culverts would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate. (Photos 15 and 16).
- Eagle Ditch is located at RP 448.6 (Sta. 771). This culvert would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate.
- Grey Eagle Ditch is located at RP 449.0 (Sta. 772). This culvert would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate.

Overhead Power Lines

- RP 447.7 (Sta. 729)
- RP 448.1 (Sta. 752)
- RP 448.5 (Sta. 769)
- RP 449.0 (Sta. 797)
- RP 449.3 (Sta. 815)

Bridges

- The South Billings Boulevard Bridge crosses over the I-90 mainline at RP 447.2 (Sta. 715). Based on field measurements, the median is 42 feet wide, with 21 feet from the center of the bridge pier to the eastbound edge of pavement and the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. (Photos 13 and 14).
- The Sugar Avenue Bridge crosses over the I-90 mainline at RP 449.3 (Sta. 814). Support piers for this structure are currently located directly adjacent to the shoulders of each set of lanes, precluding the ability to add lanes at this location. The bridge would need to be rebuilt to accommodate a third lane in each direction on the I-90 mainline. (Photos 17 through 19).

- The South 27th Street Interchange Bridge crosses over the I-90 mainline at RP 450.1 (Sta. 855). Based on field measurements, the median is 39 feet wide, with 20 feet from the center of the bridge pier to the eastbound edge of pavement and 19 feet from the center of the bridge pier to the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. (Photos 20 through 22).

Emergency Vehicle Turnarounds

- RP 448.0 (Sta. 743)
- RP 449.5 (Sta. 825)

Segment 6: S. 27th Street Interchange to Lockwood Interchange

Overhead Power Lines

- RP 450.2 (Sta. 865)
- RP 450.8 (Sta. 890)
- RP 451.1 (Sta. 908)
- RP 451.3 (Sta. 915)
- RP 451.6 (Sta. 932)
- RP 452.7 (Sta. 997)

Bridges

- Two I-90 mainline bridges cross over the railroad at RP 450.5 (Sta. 878). The bridges would need to be reconstructed to accommodate a third lane in each direction on the I-90 mainline. (Photos 23 and 24).
- Two I-90 mainline bridges cross over the Yellowstone River at RP 452.0 (Sta. 955). The bridges would need to be reconstructed to accommodate a third lane in each direction on the I-90 mainline. (Photo 26).
- The bridge for Old US 87 at the Lockwood Interchange crosses over the I-90 mainline at RP 450.1 (Sta. 1000). Based on field measurements, the median is 42 feet wide, with 21 feet from the center of the bridge pier to the eastbound edge of pavement and the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. (Photos 27 through 29).

Utility Lines

- A gas transmission line runs under the I-90 mainline at RP 452.0 (Sta. 890). (Photo 25).
- Several additional underground petroleum or gas line markers were identified adjacent to or crossing the Interstate within this segment.

Emergency Vehicle Turnarounds

- RP 451.3 (Sta. 920)

Segment 7: Lockwood Interchange to Johnson Interchange

Culverts

- The Lockwood Ditch culvert runs underneath the I-90 mainline at RP 452.37 (Sta. 975).
- Two 60-inch culverts servicing the Lockwood Ditch run underneath the I-90 mainline at RP 453.0 (Sta. 1035). The culverts extend through each set of Interstate lanes and the median. These culverts would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate. If widening occurred to the inside of the Interstate, the culverts may need to be replaced due to their age and condition. (Photos 30 and 31).
- Two 60-inch culverts servicing Dry Creek runs underneath the I-90 mainline at RP 454.7 (Sta. 1110). The culverts extend through each set of Interstate lanes and the median. These culverts would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate. If widening occurred to the inside of the Interstate, the culverts may need to be replaced due to their age and condition. (Photos 32 through 35).

Overhead Power Lines

- RP 453.2 (Sta. 1021)
- RP 453.8 (Sta. 1051)
- RP 454.0 (Sta. 1061)
- RP 454.7 (Sta. 1092)

Emergency Vehicle Turnarounds

- RP 453.5 (Sta. 1035)

Right-of-Way Constraints

- Potential right-of-way constraints are located just east and west of RP 451.0 (Sta. 910) on the north and south sides of I-90. The Conoco oil refinery and the rail spur line are located to the north and a coal fire plant and city park are located to the south.

Segment 8: Johnson Interchange to Pinehills Interchange

Culverts

- Two 60-inch culverts run underneath the I-90 mainline at RP 455.3 (Sta. 1125). The culverts extend through each set of Interstate lanes and the median. These culverts would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate. If widening occurred to the inside of the Interstate, the culverts may need to be replaced due to their age and condition. (Photo 36 and 37).

Overhead Power Lines

- RP 456.0 (Sta. 1166)

Overhead Signs

- Eastbound lane, RP 455.6 (Sta. 1130). The sign bridge structure would require reconstruction if widening occurred at this location. (Photo 38).
- Eastbound and westbound lane, RP 455.7 (Sta. 1160). The sign bridge structure would require reconstruction if widening occurred at this location.

Bridges

- Two I-90 mainline bridges cross over Johnson Lane at RP 455.3 (Sta. 1130). The bridges would need to be reconstructed to accommodate a third lane in each direction on the I-90 mainline. (Photo 39).

Emergency Vehicle Turnarounds

- RP 455.5 (Sta. 1155)

Billings Area
I-90 Corridor Planning Study

WINDSHIELD SURVEY PHOTO LOG

April 15, 2011

Prepared By:

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The photos contained within this photo log illustrate potential constraints observed in the field during a windshield survey conducted on April 15, 2011. Photos are numbered in chronological order progressing west to east from Segment 1 to Segment 8. Reference Post (RP) and Station (Sta.) locations are approximated. This photo log does not provide a comprehensive account of all constraints within the corridor. Potential constraints were visually inspected; no testing or detailed inspections were conducted.

Segment 1

Photo 1. South of I-90 mainline just east of Laurel Interchange looking southeast at Italian Ditch. RP 434.3 (Sta. 25).

Photo 2. South of I-90 mainline just east of the Laurel Interchange looking northwest at 60-inch culvert servicing Italian Ditch. The culvert extends through each set of Interstate lanes and the median. Widening to the inside would avoid the need to lengthen the culvert, although the culvert may need to be replaced due to its age and condition. RP 434.3 (Sta. 25).

Photo 3. North side of I-90 mainline, west of Strauch Road looking southeast. Based on field measurements, the median is 42 feet wide, with 21 feet from the center of the bridge pier to the eastbound edge of pavement and the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. RP 435.5 (Sta. 90).

Photo 4. North side of I-90 mainline, west of Strauch Road looking northeast. Based on field measurements, the median is 42 feet wide, with 21 feet from the center of the bridge pier to the eastbound edge of pavement and westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. RP 435.5 (Sta. 90).

Photo 5. North side of I-90 mainline looking southwest at an inverted siphon. The siphon extends through each set of Interstate lanes and the median. Widening would need to occur toward the inside in this location. RP 435.7 (Sta. 140).

Segment 2

Photo 6. Looking south at Autumn Lane bridge over I-90 mainline. Distance to median piers and vertical clearance was not measured. RP 442.7 (Sta. 465).

Photo 7. Looking up and north at Autumn Lane bridge over I-90 mainline. Beams show signs of deterioration. Distance to median piers and vertical clearance was not measured. RP 442.7 (Sta. 465).

Photo 8. North of I-90 mainline, looking southeast at two bridges over Canyon Creek. It appears that the Interstate could be widened to the inside in this location with a reconstruction of the bridge structures. RP 442.8 (Sta. 470).

Photo 9. North of I-90 mainline, looking south at two bridges over Canyon Creek. It appears that the Interstate could be widened to the inside in this location with a reconstruction of the bridge structures. RP 442.8 (Sta. 470).

Segment 3

Photo 10. North side of I-90 mainline, looking northeast at two I-90 mainline bridges over Hogan's Slough. Based on field measurements, the median is 42 feet wide. The bridges would need to be reconstructed to accommodate a third lane in each direction on the I-90 mainline. This location is constrained by the frontage road south of the eastbound lanes. RP 445.5 (Sta. 610).

Photo 11. South side of I-90 mainline, looking southwest at bridges over Hogan's Slough. Based on field measurements, the median is 42 feet wide. The bridges would need to be reconstructed to accommodate a third lane in each direction on the I-90 mainline. This location is constrained by the frontage road south of the eastbound lanes. RP 445.5 (Sta. 610).

Photo 12. North side of I-90 mainline, looking north at two 60-inch culverts at Hogan's Slough. RP 445.5 (Sta. 610).

Segment 5

Photo 13. West of South Billings Boulevard bridge over I-90 mainline looking northeast. Based on field measurements, the median is 42 feet wide, with 21 feet from the center of the bridge pier to the eastbound edge of pavement and the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. RP 447.2 (Sta. 715).

Photo 14. West of South Billings Boulevard bridge over I-90 mainline looking southeast. Based on field measurements, the median is 42 feet wide, with 21 feet from the center of the bridge pier to the eastbound edge of pavement and the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. RP 447.2 (Sta. 715).

Photo 15. North side of I-90 mainline on Washington Street looking northwest at Suburban Ditch. RP 448.4 (Sta. 770).

Photo 16. North side of I-90 mainline on Washington Street looking southwest at two 60-inch culverts servicing Suburban Ditch. The culverts extend through each set of Interstate lanes and the median. These culverts would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate. RP 448.4 (Sta. 770).

Photo 17. Looking northeast at the Sugar Avenue Bridge over the I-90 mainline. Support piers for this structure are currently located directly adjacent to the shoulders of each set of lanes, precluding the ability to add lanes to the I-90 mainline at this location. The bridge would need to be rebuilt to accommodate a third lane in each direction on the I-90 mainline. RP 449.3 (Sta. 814).

Photo 18. Looking east at the Sugar Avenue Bridge over the I-90 mainline. Support piers for this structure are currently located directly adjacent to the shoulders of each set of lanes, precluding the ability to add lanes to the I-90 mainline at this location. The bridge would need to be rebuilt to accommodate a third lane in each direction on the I-90 mainline. RP 449.3 (Sta. 814).

Photo 19. Looking east at the Sugar Avenue Bridge over the I-90 mainline. Support piers for this structure are currently located directly adjacent to the shoulders of each set of lanes, precluding the ability to add lanes to the I-90 mainline at this location. The bridge would need to be rebuilt to accommodate a third lane in each direction on the I-90 mainline. RP 449.3 (Sta. 814).

Photo 20. Looking east at the South 27th Street Interchange Bridge. Based on field measurements, the median is 39 feet wide, with 20 feet from the center of the bridge pier to the eastbound edge of pavement and 19 feet from the center of the bridge pier to the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. RP 450.1 (Sta. 855).

Photo 21. Looking east at the South 27th Street Interchange Bridge over I-90 mainline. Based on field measurements, the median is 39 feet wide, with 20 feet from the center of the bridge pier to the eastbound edge of pavement and 19 feet from the center of the bridge pier to the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. RP 450.1 (Sta. 855).

Photo 22. Looking east at the South 27th Street Interchange Bridge over I-90 mainline. Based on field measurements, the median is 39 feet wide, with 20 feet from the center of the bridge pier to the eastbound edge of pavement and 19 feet from the center of the bridge pier to the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. RP 450.1 (Sta. 855).

Segment 6

Photo 23. Looking southwest at two I-90 mainline bridges over railroad. The bridges would need to be reconstructed to accommodate a third lane in each direction on the I-90 mainline. RP 450.5 (Sta. 878).

Photo 24. Looking west at two I-90 mainline bridges over railroad. The bridges would need to be reconstructed to accommodate a third lane in each direction on the I-90 mainline. RP 450.5 (Sta. 878).

Photo 25. On frontage road looking north at gas transmission line running underneath the I-90 mainline. RP 452.0 (Sta. 890).

Photo 26. Standing on Charlene Street, looking northeast at two I-90 mainline bridges crossing the Yellowstone River. A pedestrian facility runs underneath the bridges. The bridges would need to be reconstructed to accommodate a third lane in each direction on the I-90 mainline. RP 452.0 (Sta. 955).

Photo 27. Looking northeast at the bridge for Old US 87 at the Lockwood Interchange crossing over the I-90 mainline. Based on field measurements, the median is 42 feet wide, with 21 feet from the center of the bridge pier to the eastbound edge of pavement and the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. RP 450.1 (Sta. 1000).

Photo 28. Looking northeast at the bridge for Old US 87 at the Lockwood Interchange crossing over the I-90 mainline. Based on field measurements, the median is 42 feet wide, with 21 feet from the center of the bridge pier to the eastbound edge of pavement and the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. RP 450.1(Sta. 1000).

Photo 29. Looking northeast at the bridge for Old US 87 at the Lockwood Interchange crossing over the I-90 mainline. Based on field measurements, the median is 42 feet wide, with 21 feet from the center of the bridge pier to the eastbound edge of pavement and the westbound edge of pavement. It appears that the Interstate could be widened to the inside in this location. Vertical clearance was not measured. RP 450.1 (Sta. 1000).

Segment 7

Photo 30. South side of I-90 mainline looking northeast at two 60-inch culverts servicing the Lockwood Ditch running underneath the I-90 mainline. The culverts extend through each set of Interstate lanes and the median. These culverts would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate. If widening occurred to the inside of the Interstate, the culverts may need to be replaced due to their age and condition. RP 453.0 (Sta.1035).

Photo 31. Standing in I-90 median looking north at grate leading to two 60-inch culverts servicing the Lockwood Ditch. RP 453.0 (Sta. 1035).

Photo 32. South side of I-90 mainline looking northeast at two 60-inch culverts servicing Dry Creek running underneath the I-90 mainline. The culverts extend through each set of Interstate lanes and the median. These culverts would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate. If widening occurred to the inside of the Interstate, the culverts may need to be replaced due to their age and condition. RP 454.7 (Sta. 1110).

Photo 33. Standing in I-90 median, grate leading to two 60-inch culverts servicing Dry Creek. RP 454.7 (Sta. 1110).

Photo 34. North side of I-90 mainline, looking at grate draining to two 60-inch culverts servicing Dry Creek. RP 454.7 (Sta. 1110).

Photo 35. North side of I-90 mainline, looking southwest at two 60-inch culverts servicing Dry Creek running underneath the I-90 mainline. The culverts extend through each set of Interstate lanes and the median. These culverts would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate. If widening occurred to the inside of the Interstate, the culverts may need to be replaced due to their age and condition. RP 454.7 (Sta. 1110).

Segment 8

Photo 36. Southwest side of I-90 Johnson Lane Interchange looking south at two 60-inch culverts running underneath the I-90 mainline. The culverts extend through each set of Interstate lanes and the median. These culverts would need to be reconstructed or lengthened if an additional lane is added to the outside of the Interstate. If widening occurred to the inside of the Interstate, the culverts may need to be replaced due to their age and condition. RP 455.3 (Sta. 1125).

Photo 37. Southwest side of I-90 Johnson Lane Interchange looking north from two 60-inch culverts running underneath the I-90 mainline. RP 455.3 (Sta. 1125).

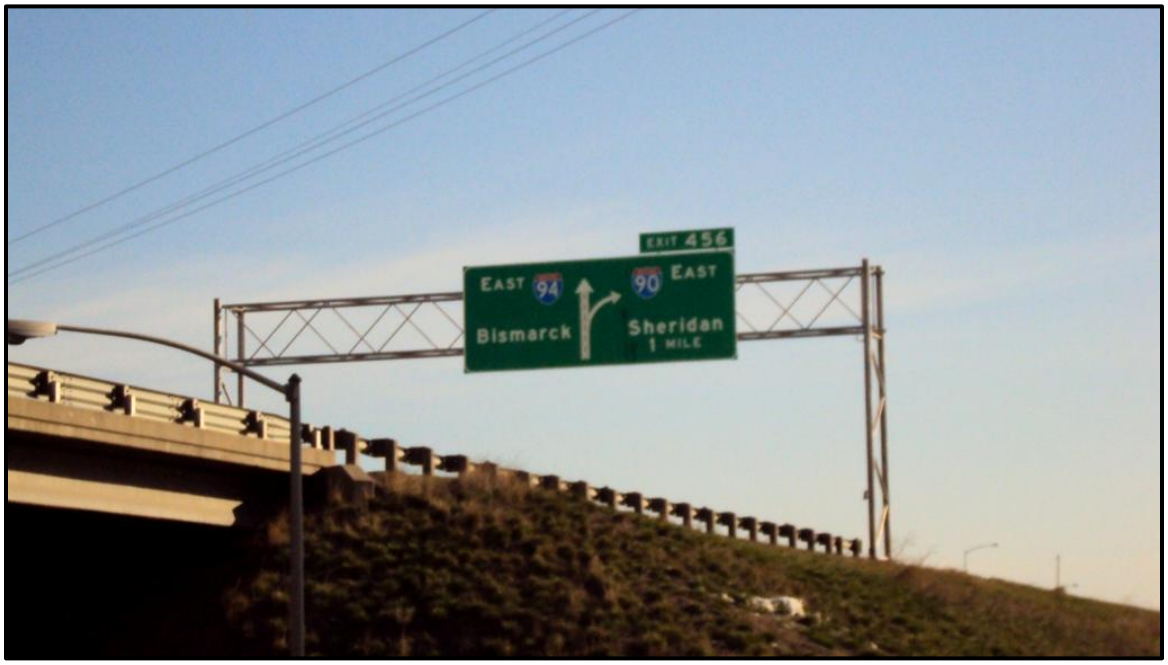


Photo 38. South side of I-90 mainline at Johnson Lane Interchange looking northeast at overhead road sign on eastbound lane. The sign bridge structure would require reconstruction if widening occurred at this location. RP 455.6 (Sta. 1130).

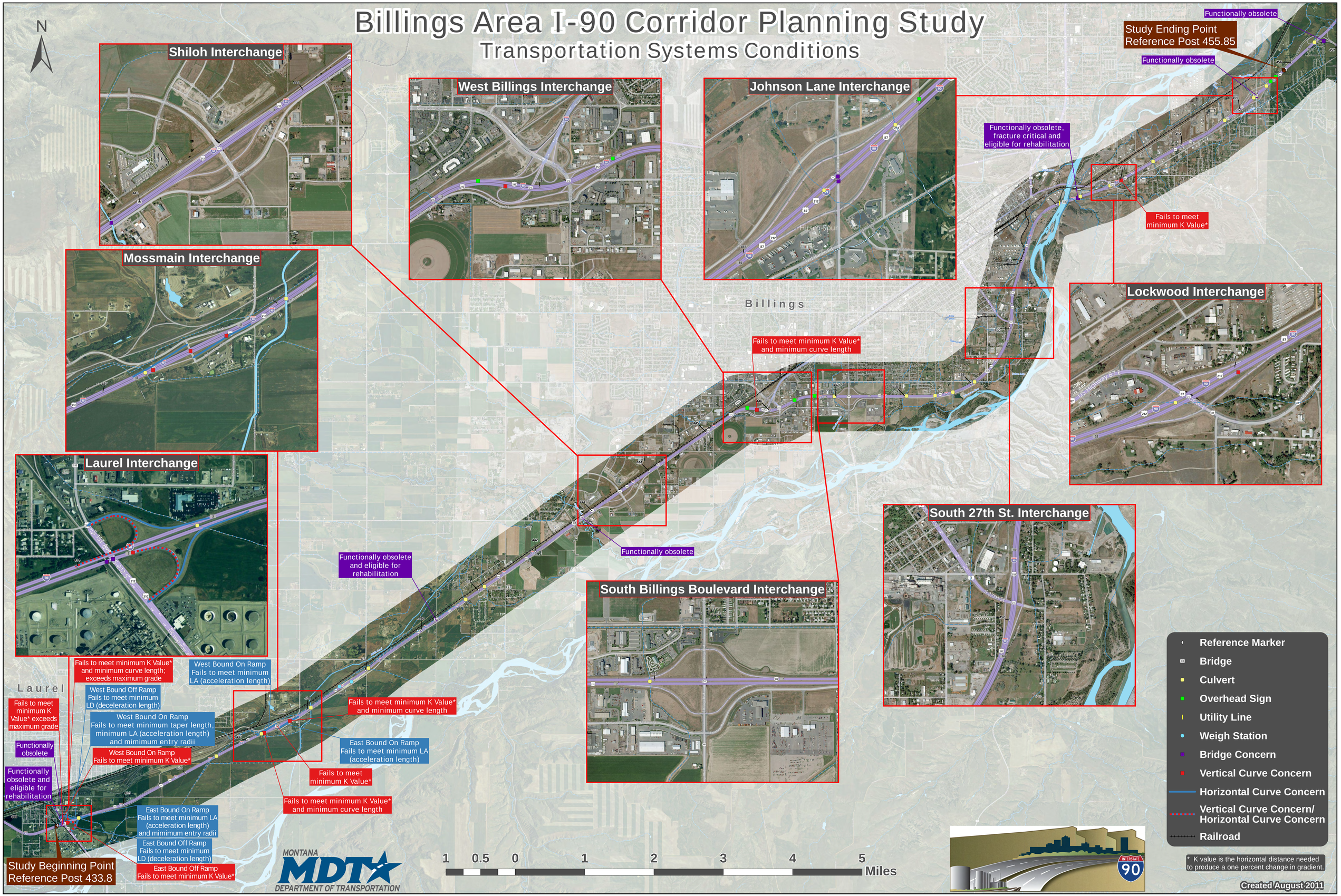
Photo 39. South side of I-90 mainline looking north at two I-90 bridges over Johnson Lane. The bridges would need to be reconstructed to accommodate a third lane in each direction on the I-90 mainline. RP 455.3 (Sta. 1130).

Appendix 3

Map of Transportation System Conditions

Billings Area I-90 Corridor Planning Study

Transportation Systems Conditions



Appendix 4

Bridge Data

Billings Area I-90 Corridor Planning Study

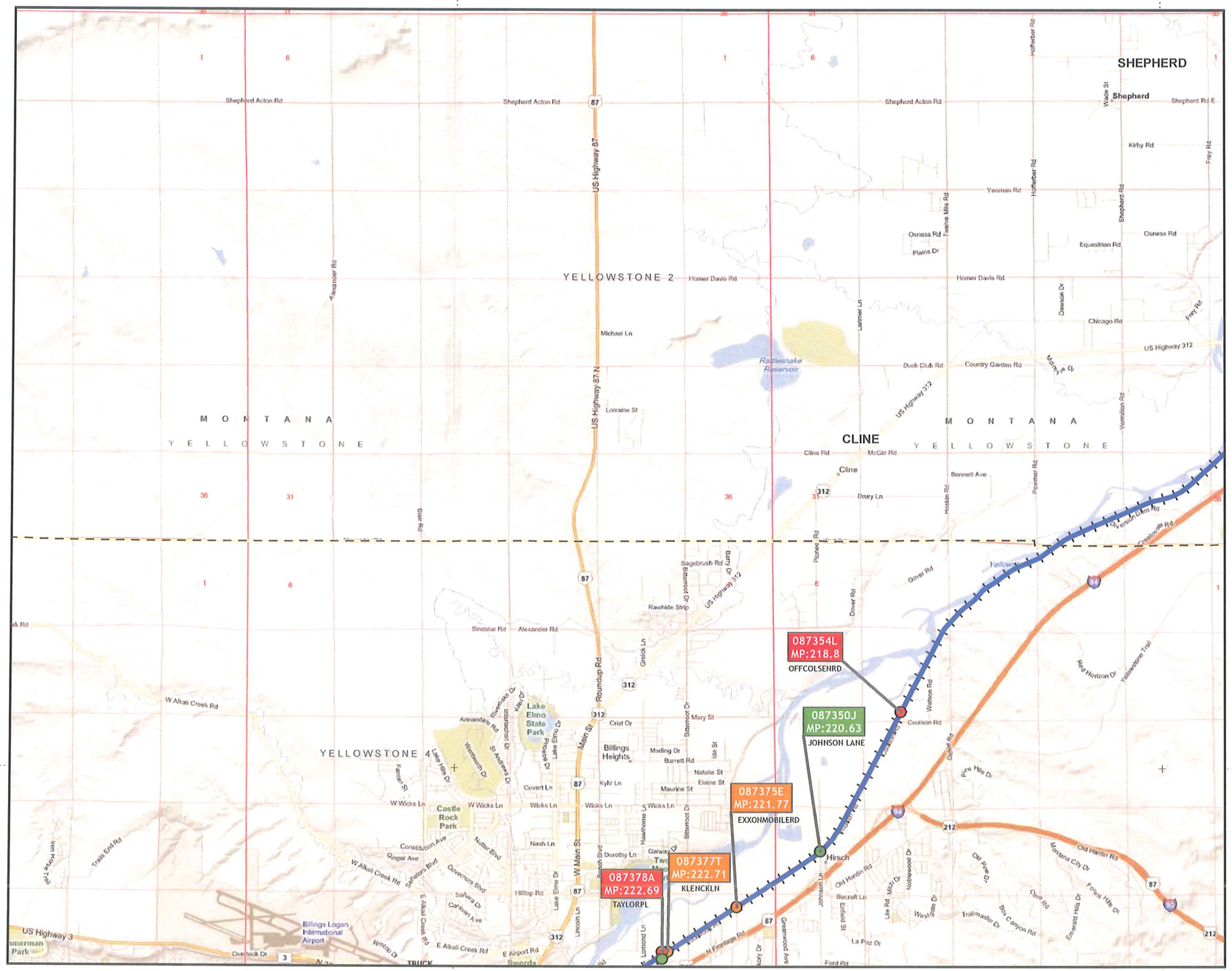
Bridge Data

NO.	Structure No.	Feature Crossed	Location	Latitude (D-M-S)	Longitude (D-M-S)	Mile Post	Sufficiency Rating	Year Built	Skew	Deck Width (ft)	Rdwy Width (ft)	Main Span Type	Main Span Design	No. of Main Spans	Length of Maximum Span (ft)	No. of Approach Spans	Total Length (ft)	Vertical Clearance Under (ft)	Fracture Critical	Func Obs/Struct Def
1	I00090434+00901	INT LAUREL-P 4, BN RAIL	LAUREL	453945	1084610.8	434.09	88	1964	19	39.50	36.75	Steel	Girder	2	112.00	3	366.00	25.25	N	Functionally Obsolete
2	I00090434+00902	INT LAUREL-P 4, BN RAIL	LAUREL	453946	1084611.5	434.09	94	1964	19	43.90	40.03	Steel	Girder	2	112.00	3	366.00	25.00	N	Functionally Obsolete
3	L56682000+01901	SEP I-90 013	1M E LAUREL	454014	1084426.1	435.60	87.6	1964	28	27.00	24.00	Prestressed Concrete	Girder	4	72.00	0	247.00	17.17	N	Not Deficient
4	I00090437+04791	INT MOSSMAIN ROAD-P 4	5 KM E LAUREL	454059	1084221.1	437.47	95	1964	0	41.00	38.00	Prestressed Concrete	Girder	3	47.00	0	120.00	15.08	N	Not Deficient
5	I00090437+04792	INT MOSSMAIN ROAD-P 4	5 KM E LAUREL	454060	1084221.5	437.47	95	1964	0	41.00	38.00	Prestressed Concrete	Girder	3	47.00	0	120.00	15.16	N	Not Deficient
6	I00090438+00391	BBWA CANAL	6 KM E LAUREL	454113	1084145.2	438.03	95.8	1964	33	41.50	38.00	Prestressed Concrete	Girder	1	40.00	0	41.00		N	Not Deficient
7	I00090438+00392	BBWA CANAL	6 KM E LAUREL	454114	1084145.2	438.03	95.8	1964	57	41.50	38.00	Prestressed Concrete	Girder	1	40.00	0	41.00		N	Not Deficient
8	I00090440+02531	SEP COUNTY ROAD	9 KM W BILLINGS	454219	1083931	440.25	76.5	1961	0	31.60	28.00	Prestressed Concrete	Girder	3	62.00	0	153.00	15.92	N	Func Obs - Elg Rehab
9	I00090440+02532	SEP COUNTY ROAD	9 KM W BILLINGS	454220	1083931.1	440.25	76.5	1961	0	31.60	28.00	Prestressed Concrete	Girder	3	62.00	0	153.00	15.42	N	Func Obs - Elg Rehab
10	S00429002+0266	SEP I-90	2M SW BILLINGS	454332	1083703.1	442.68	65	1959	0	31.70	28.00	Prestressed Concrete	Girder	9	62.00	0	457.00	22.00	N	Not Deficient
11	I00090442+08262	CANYON CREEK	5 KM W BILLINGS	454337	1083655	442.82	95.8	1959	0	39.67	36.75	Prestressed Concrete	Girder	3	52.00	0	153.00		N	Not Deficient
12	I00090442+08261	CANYON CREEK	5 KM W BILLINGS	454336	1083654.2	442.82	94.8	1959	0	36.75	28.00	Prestressed Concrete	Girder	3	52.00	0	153.00		N	Not Deficient
13	L56200000+08001	SHILOH INTERCHANGE 014	BILLINGS	454356	1083614	444.28	100	2001	0	86.25	83.50	Prestressed Concrete	Girder	8	108.01	0	446.00	23.10	N	Not Deficient
14	I00090444+04433	SHILOH INTERCHANGE (RAMP)	BILLINGS	454358	1083612.3	445.37	91	2001	0	41.00	38.06	Prestressed Concrete	Girder	4	89.99	0	329.23		N	Not Deficient
15	I00090444+04434	SHILOH INTERCHANGE (RAMP)	BILLINGS	454354	1083620.3	445.37	91	2001	0	31.00	27.89	Prestressed Concrete	Girder	4	89.99	0	329.23		N	Not Deficient
16	I00090445+04541	HOGAN SLOUGH	BILLINGS	454454	1083413.4	445.45	95.7	1959	0	41.60	38.00	Prestressed Concrete	Girder	2	41.00	0	82.00		N	Not Deficient
17	I00090445+04542	HOGAN SLOUGH	BILLINGS	454454	1083414.1	445.45	95.7	1959	0	41.60	38.00	Prestressed Concrete	Girder	2	41.00	0	82.00		N	Not Deficient
18	I00090445+09641	INT W BILLINGS-U1020	BILLINGS	454457	1083337.5	445.96	94	1964	25	41.50	38.00	Prestressed Concrete	Girder	4	52.00	0	185.00	17.33	N	Not Deficient
19	I00090445+09642	INT W BILLINGS-U1020	BILLINGS	454458	1083337	445.96	94	1964	25	41.50	38.00	Prestressed Concrete	Girder	4	52.00	0	185.00	15.83	N	Not Deficient
20	I00090446+01582	INT W BILLINGS-U1010	BILLINGS	454459	1083323.1	446.15	95	1994	14	40.30	37.30	Prestressed Concrete	Girder	1	140.00	0	143.00	16.41	N	Not Deficient
21	I00090446+01581	INT W BILLINGS-U1010	BILLINGS	454459	1083323	446.15	96	1994	14	40.30	37.30	Prestressed Concrete	Girder	1	141.00	0	143.00	16.41	N	Not Deficient
22	U01013000+0777	SEP BILLINGS BLVD I-90	BILLINGS	454508	1083208.4	447.20	95.2	1966	0	66.71	59.33	Prestressed Concrete	Girder	4	61.48	0	215.00	16.75	N	Not Deficient
23	I00090448+04001	CITY COUNTY DRAIN DITCH	BILLINGS	454508	1083035.3	448.40	87	1966	0			Steel	Culvert	2	10.00	0	23.00		N	Not Deficient
24	L56395002+04001	SEP I-90 011	BILLINGS	454527	1082939.5	449.29	96	1966	30	36.30	28.00	Prestressed Concrete	Girder	5	72.00	0	306.00	16.92	N	Functionally Obsolete
25	P00053000+0000	INT 27TH ST I-90	BILLINGS	454604	1082914.1	450.09	92	1966	9	72.13	56.00	Prestressed Concrete	Girder	4	67.00	0	221.00	17.17	N	Functionally Obsolete
26	I00090450+05272	MT POWER RR SPUR	BILLINGS	454626	1082912.6	450.52	94.9	1966	0	40.10	37.00	Prestressed Concrete	Girder	3	52.00	0	148.00	24.58	N	Not Deficient
27	I00090450+05271	MT POWER RR SPUR	BILLINGS	454626	1082911.4	450.52	94.9	1966	0	40.10	37.00	Prestressed Concrete	Girder	3	52.00	0	148.00	23.50	N	Not Deficient
28	I00090452+00331	YELLOWSTONE RIVER	BILLINGS	454734	1082816.9	452.03	65.3	1962	0	31.60	28.00	Steel Continuous	Girder-Floorbeam	4	183.00	5	945.00		Y	Func Obs - Elg Rehab
29	I00090452+00332	YELLOWSTONE RIVER	BILLINGS	454734	1082817	452.03	77.6	1962	0	31.67	28.00	Steel Continuous	Girder-Floorbeam	4	183.00	5	930.25		Y	Func Obs - Elg Rehab
30	P00016000+0000	INT LOCKWOOD I-90	BILLINGS	454747	1082725.7	452.85	83	1966	30	82.10	72.00	Prestressed Concrete	Girder	5	72.00	0	276.00	16.99	N	Not Deficient
31	I00090455+03081	INT JOHNSON LANE (U1028)	4 KM E BILLINGS	454853	1082450.9	455.30	92.3	1967	42	40.00	37.00	Prestressed Concrete	Girder	3	57.00	0	153.00	15.33	N	Functionally Obsolete
32	I00090455+03082	INT JOHNSON LANE (U1028)	4 KM E BILLINGS	454854	1082450.9	455.30	92.3	1967	42	40.00	37.00	Prestressed Concrete	Girder	3	57.00	0	150.00	14.83	N	Functionally Obsolete

Appendix 5

Railroad Crossings

YELL - 4



Railroad Crossing Warning Device

- None
- Crossbucks
- Stop Signs
- Mast Mounted Flashing Lights
- Cantilevers
- Gates
- Gates and Cantilevers
- Other

Railroads

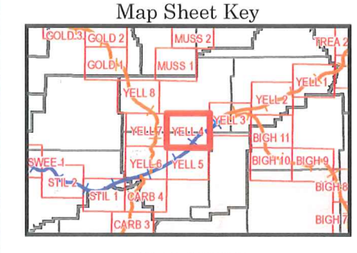
- BNSF Railway - BNSF
- BNSF Railway (Inactive) - BNSF
- Union Pacific - UP
- Montana Rail Link - MRL
- Montana Rail Link (Inactive) - MRL
- Dakota, Missouri Valley and Western Railroad - DMVW
- Central Montana Rail, Inc. - CM
- Central Montana Rail, Inc.(Inactive) - CM
- Mission Mountain Railroad - MMT
- Butte, Anaconda & Pacific Railway - BAP
- Yellowstone Valley Railroad - YSVR
- Signal Peak Energy Corp. Railroad - SPKE
- Alder Gulch Short Line Railway - AGSL
- Transco Railway Products, Inc. - TRRZ
- Port of Montana - POMZ

BOUNDARIES

- County Boundary
- MDT County Sheet

Location Key

Map Sheet Key



PREPARED BY THE
STATE OF MONTANA
DEPARTMENT OF TRANSPORTATION
RAIL HIGHWAY SAFETY SECTION

Scale in Miles
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0.25 0 0.25 0.5 0.75 1 1.25 1.5
Scale in Kilometers

NAD 1983 State Plane Montana FIPS 2500
Lambert Conformal Conic

MDT

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Railroad Crossing Warning Device

- None
- Crossbucks
- Stop Signs
- Mast Mounted Flashing Lights
- Cantilevers
- Gates
- Gates and Cantilevers
- Other

Railroads

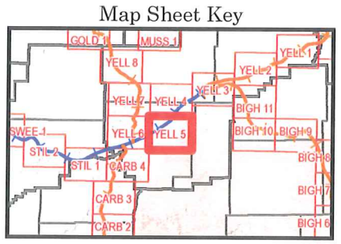
- BNSF Railway - BNSF
- BNSF Railway (Inactive) - BNSF
- Union Pacific - UP
- Montana Rail Link - MRL
- Montana Rail Link (Inactive) - MRL
- Dakota, Missouri Valley and Western Railroad - DMVW
- Central Montana Rail, Inc. - CM
- Central Montana Rail, Inc.(Inactive) - CM
- Mission Mountain Railroad - MMT
- Butte, Anaconda & Pacific Railway - BAP
- Yellowstone Valley Railroad - YSVR
- Signal Peak Energy Corp. Railroad - SPKE
- Alder Gulch Short Line Railway - AGSL
- Transco Railway Products, Inc. - TRRZ
- Port of Montana - POMZ

BOUNDARIES

- County Boundary
- MDT County Sheet

Location Key

Map Sheet Key



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DEPARTMENT OF TRANSPORTATION
RAIL HIGHWAY SAFETY SECTION

Scale in Miles
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0.25 0 0.25 0.5 0.75 1 1.25 1.5
Scale in Kilometers

NAD 1983 State Plane Montana FIPS 2500
Lambert Conformal Conic

MDT

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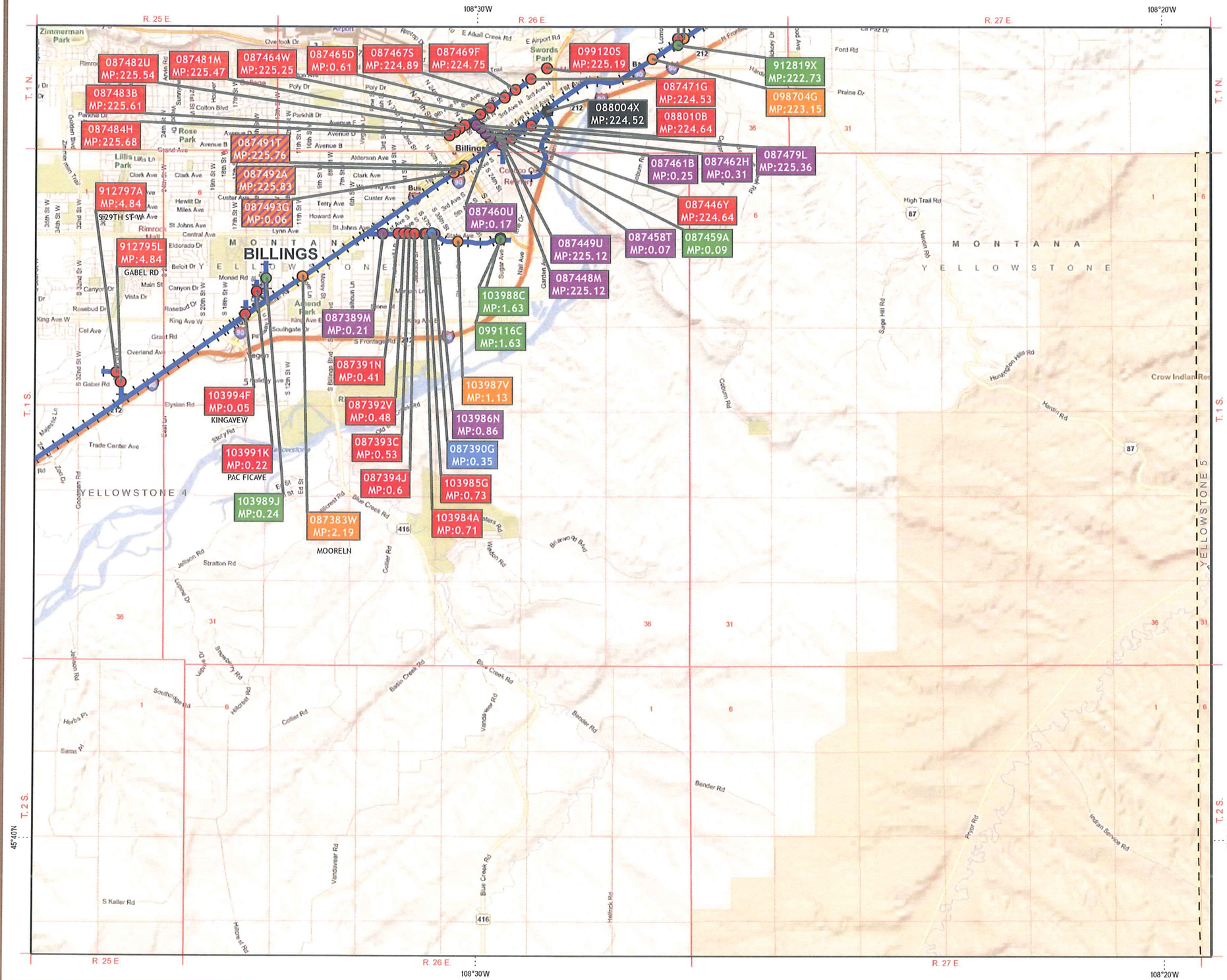

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YELL - 5

Railroad Crossing Warning Device

- None
- Crossbucks
- Stop Signs
- Mast Mounted Flashing Lights
- Cantilevers
- Gates
- Gates and Cantilevers
- Other

Railroads

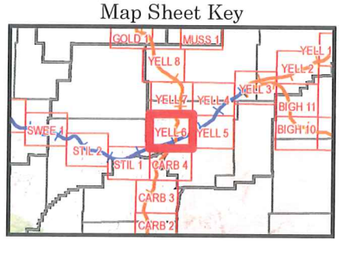
- BNSF Railway - BNSF
- BNSF Railway (Inactive) - BNSF
- Union Pacific - UP
- Montana Rail Link - MRL
- Montana Rail Link (Inactive) - MRL
- Dakota, Missouri Valley and Western Railroad - DMVW
- Central Montana Rail, Inc. - CM
- Central Montana Rail, Inc.(Inactive) - CM
- Mission Mountain Railroad - MMT
- Butte, Anaconda & Pacific Railway - BAP
- Yellowstone Valley Railroad - YSVR
- Signal Peak Energy Corp. Railroad - SPKE
- Alder Gulch Short Line Railway - AGSL
- Transco Railway Products, Inc. - TRRZ
- Port of Montana - POMZ

BOUNDARIES

- County Boundary
- MDT County Sheet

Location Key

Map Sheet Key



PREPARED BY THE
STATE OF MONTANA
DEPARTMENT OF TRANSPORTATION
RAIL HIGHWAY SAFETY SECTION

Scale in Miles
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0.25 0 0.25 0.5 0.75 1 1.25 1.5
Scale in Kilometers

NAD 1983 State Plane Montana FIPS 2500
Lambert Conformal Conic

MDT

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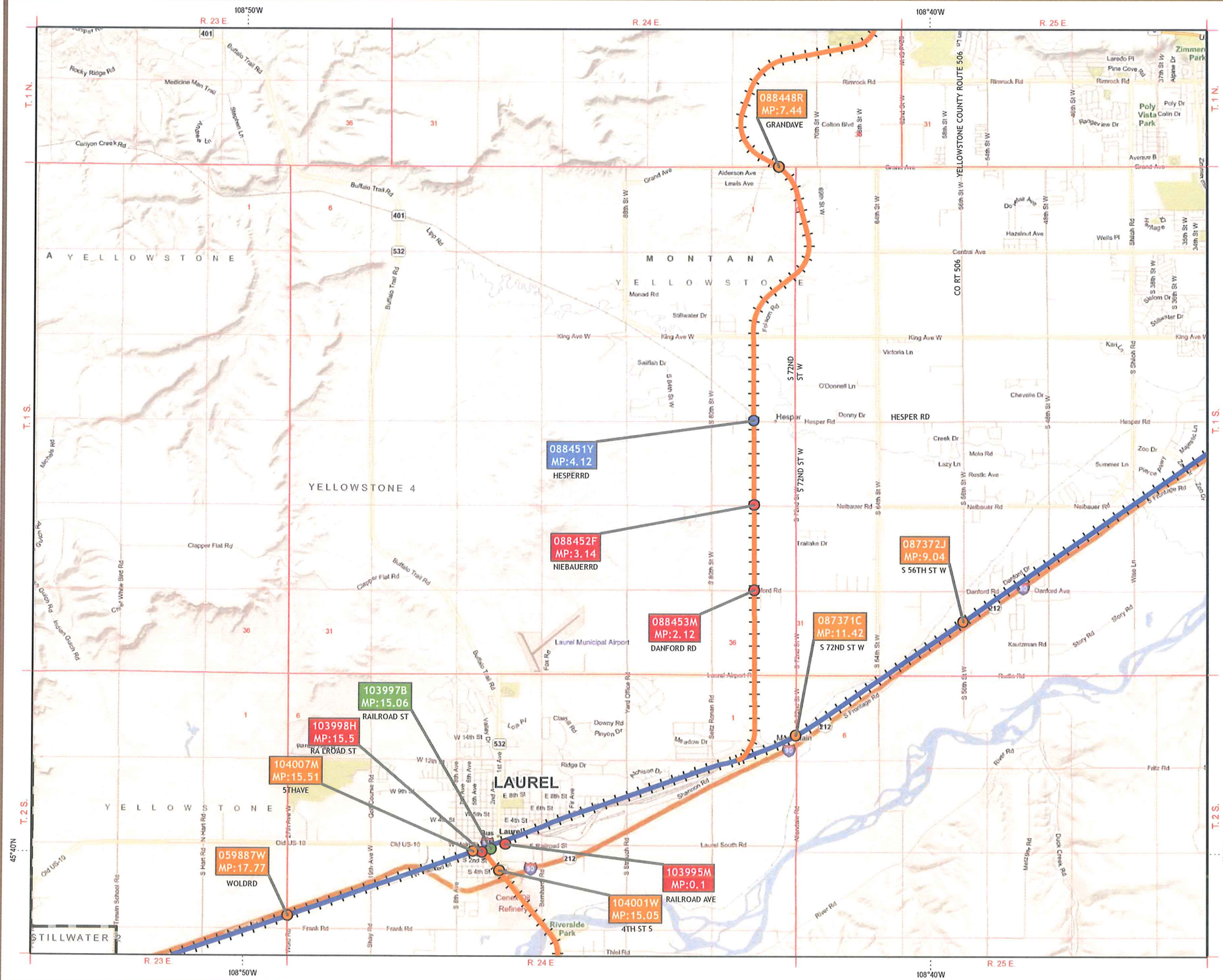

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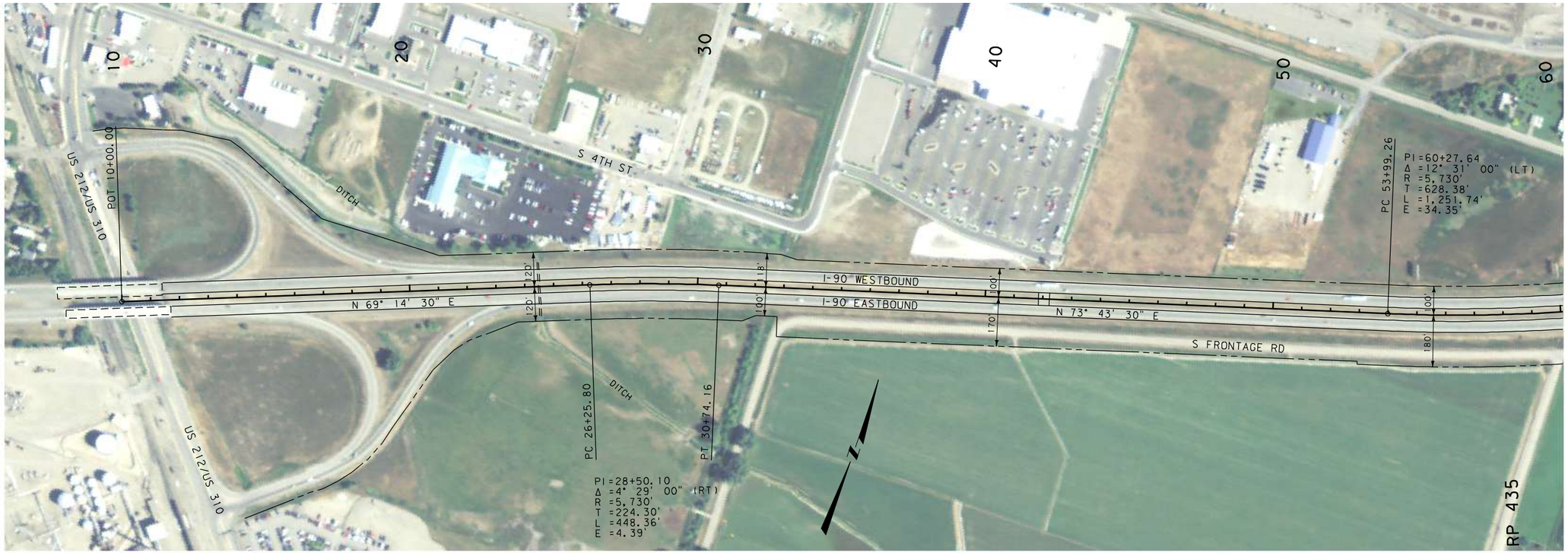
YELL - 6

Appendix 6

Right-of-Way Plans



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EXISTING EOP
EXISTING STRUCTURE

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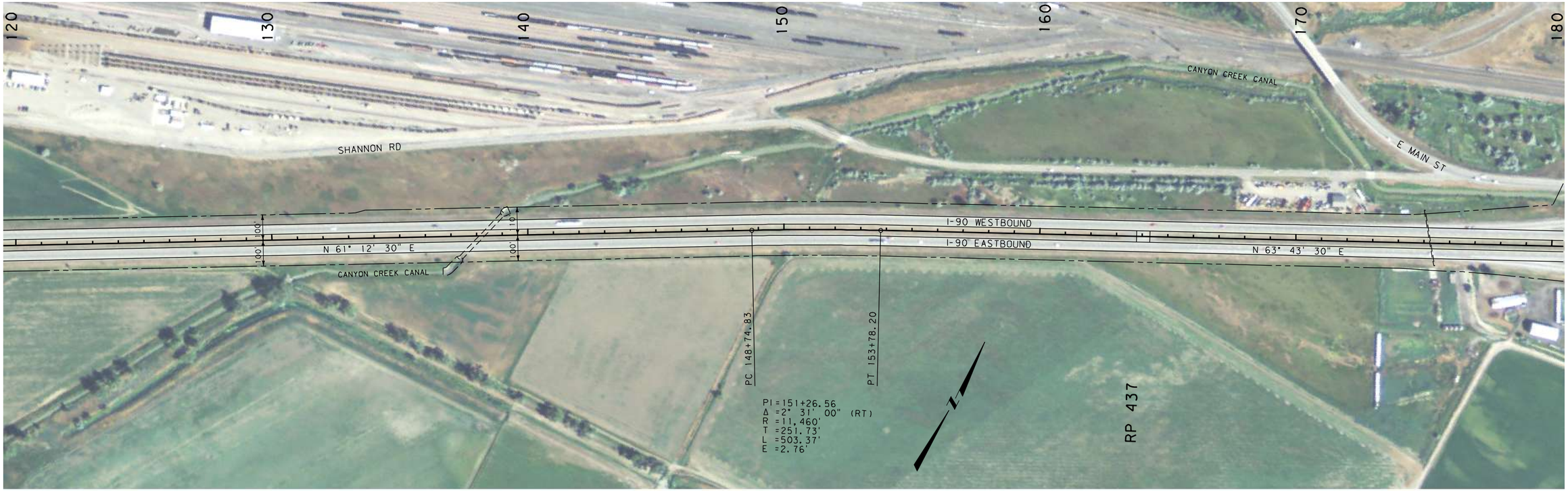
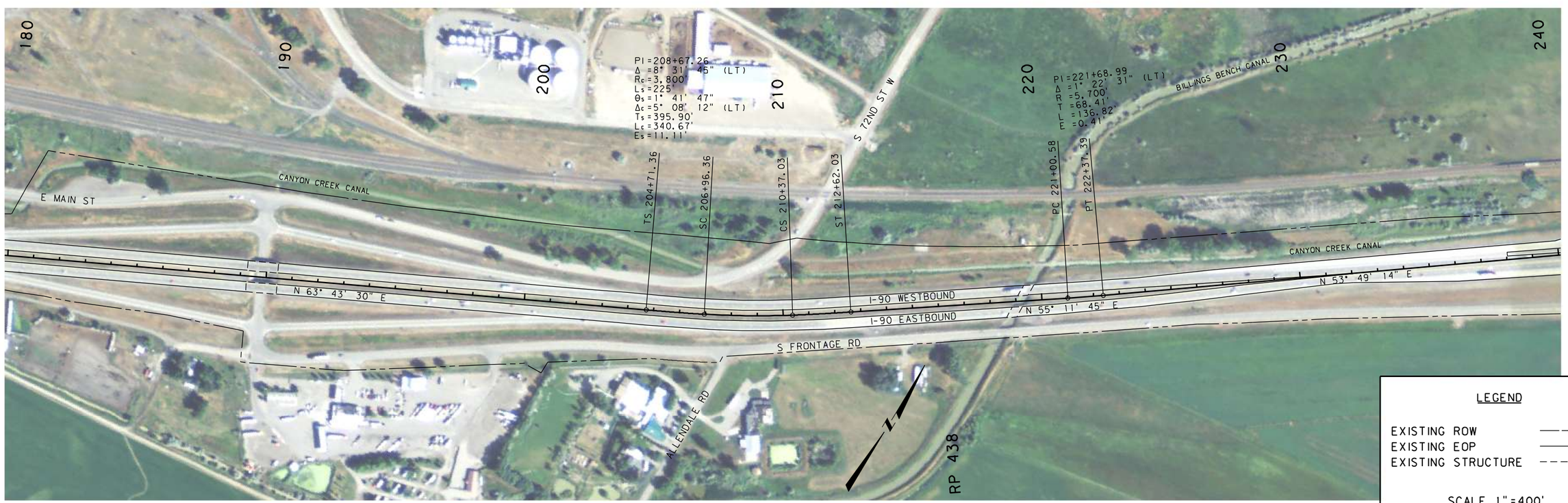
DOWL HKM





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EXISTING ROW
EXISTING EOP
EXISTING STRUCTURE

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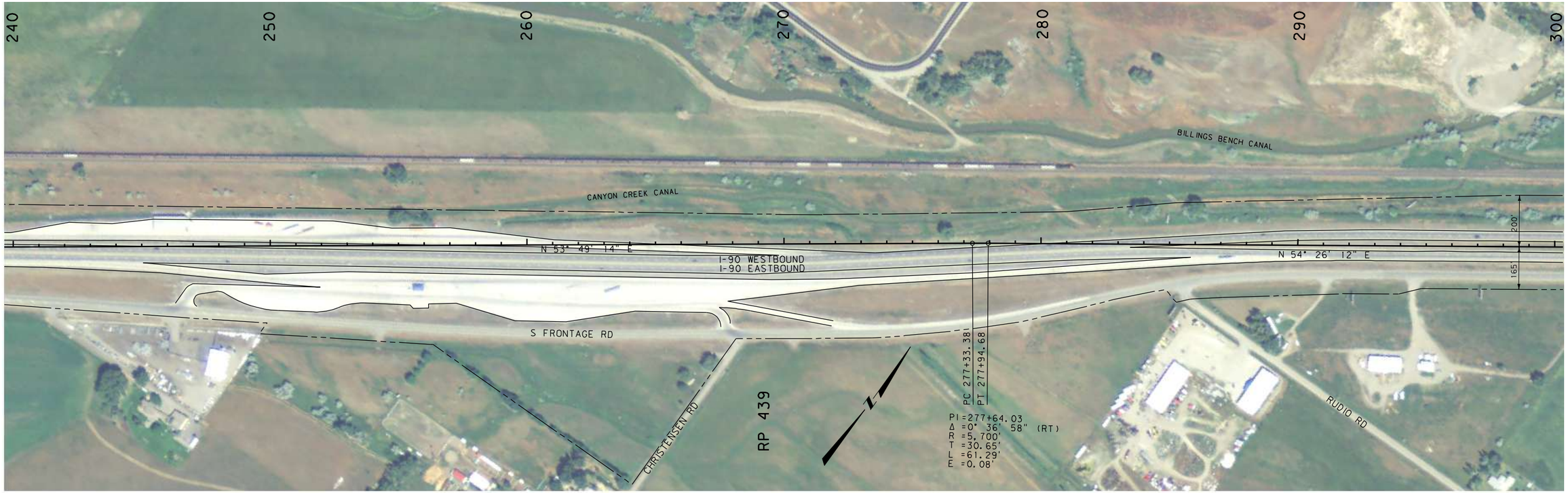

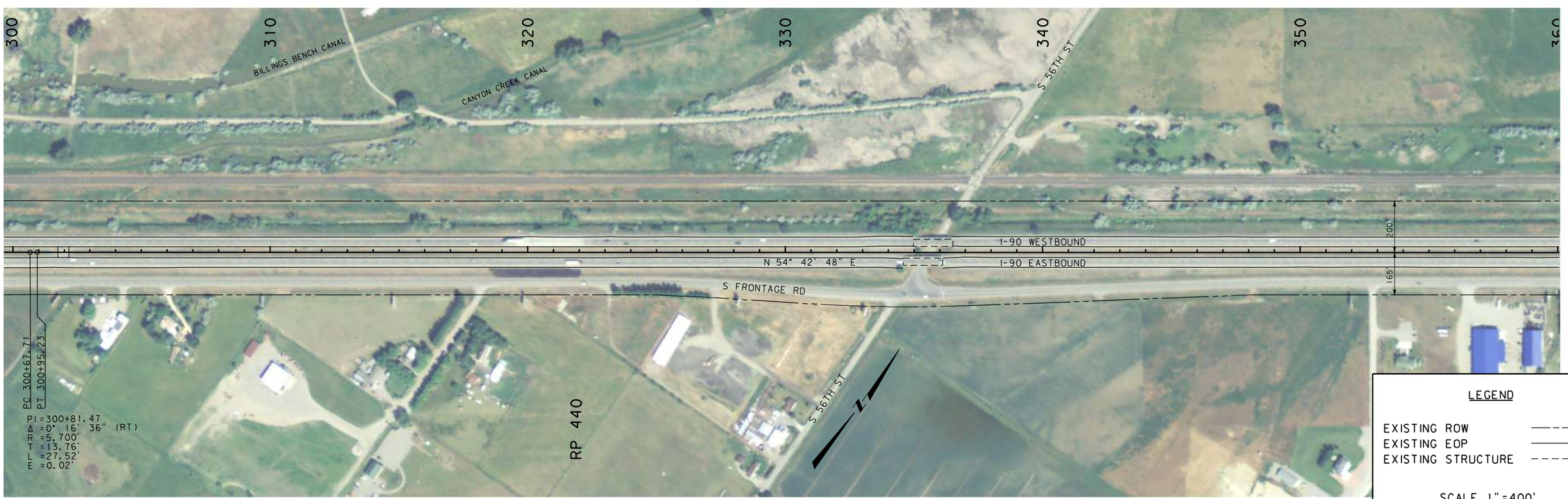

LEGEND

EXISTING ROW
EXISTING EOP
EXISTING STRUCTURE

SCALE 1"=400'

DOWL HKM

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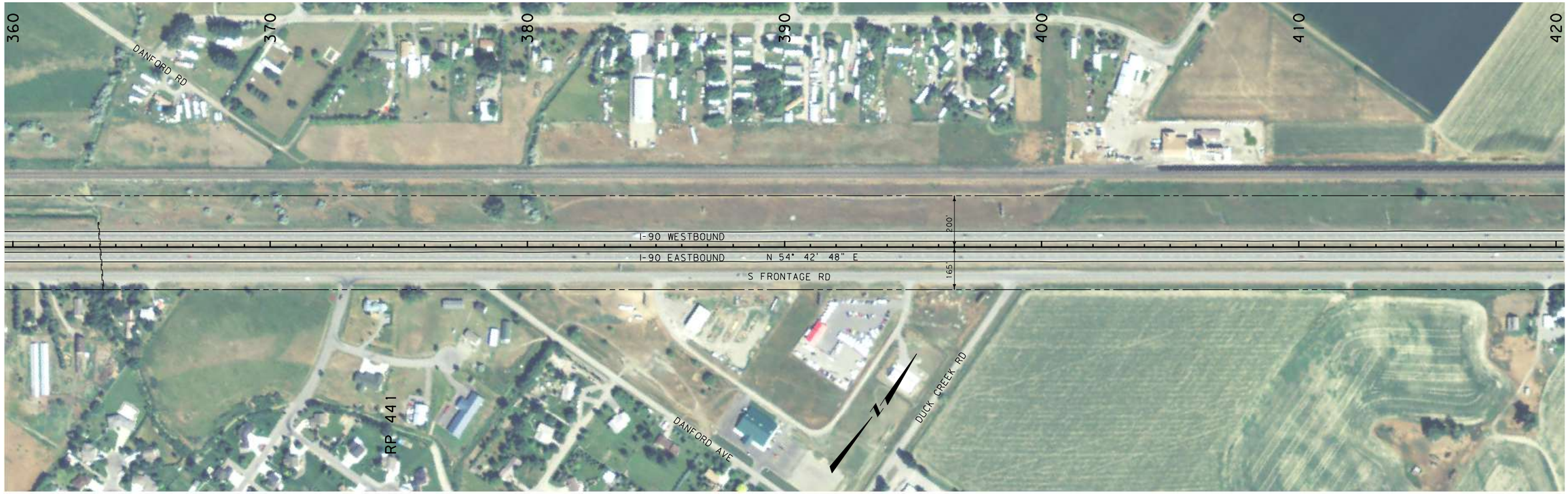

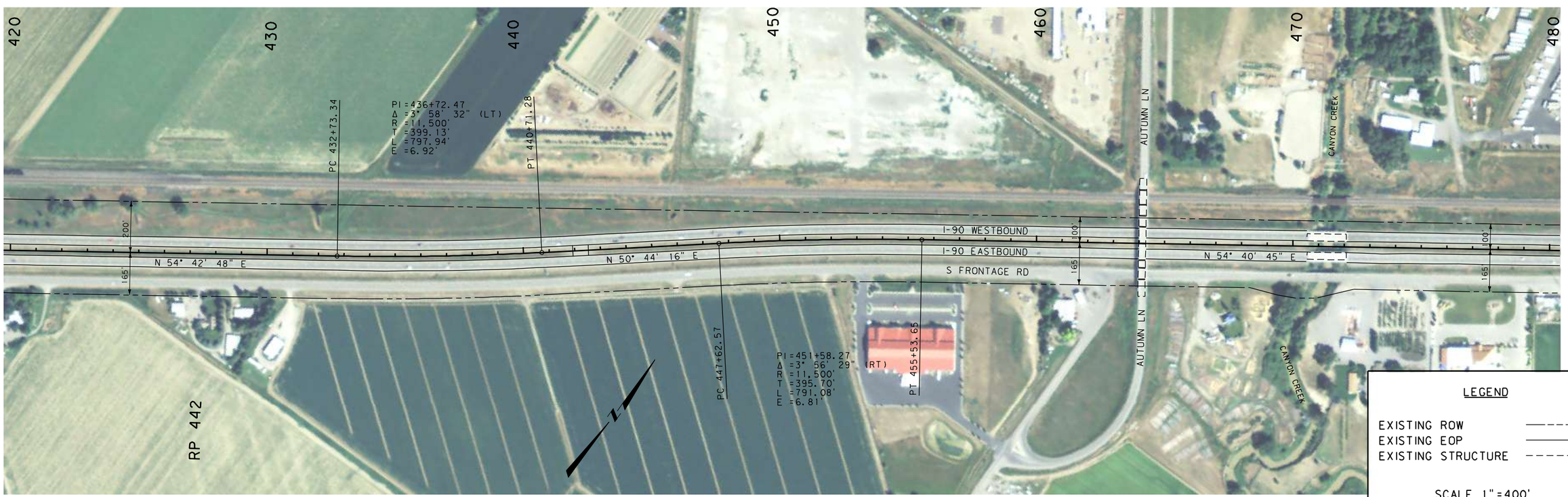

LEGEND

EXISTING ROW
EXISTING EOP
EXISTING STRUCTURE

SCALE 1"=400'

DOWL HKM

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LEGEND

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EXISTING STRUCTURE

SCALE 1"=400'

DOWL HKM

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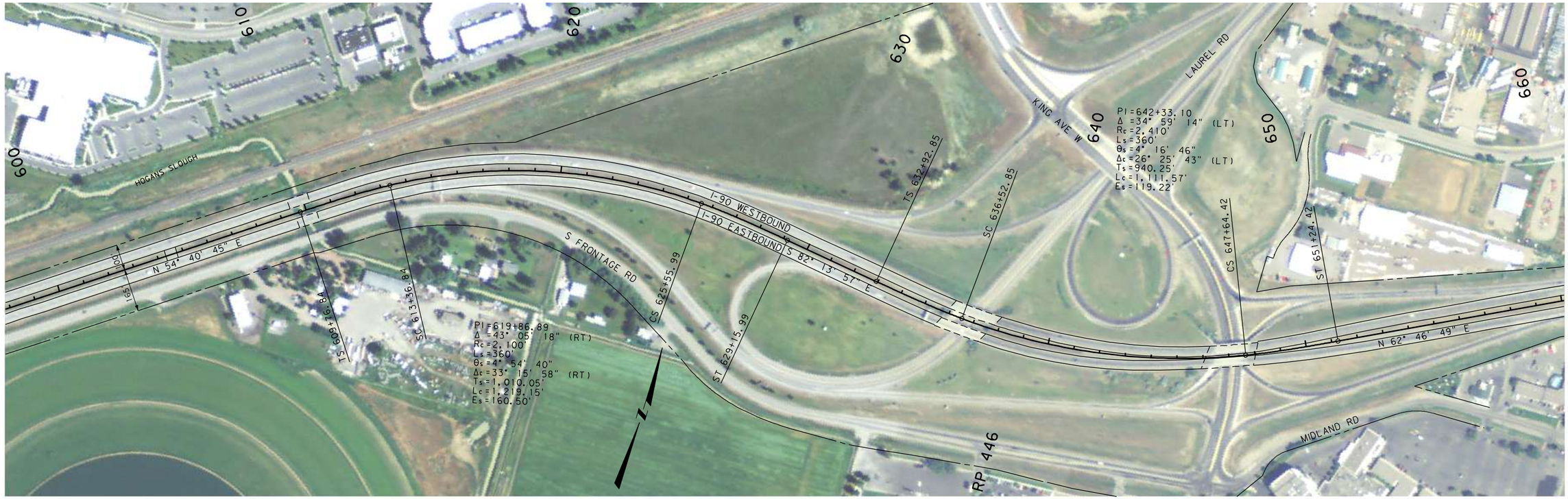
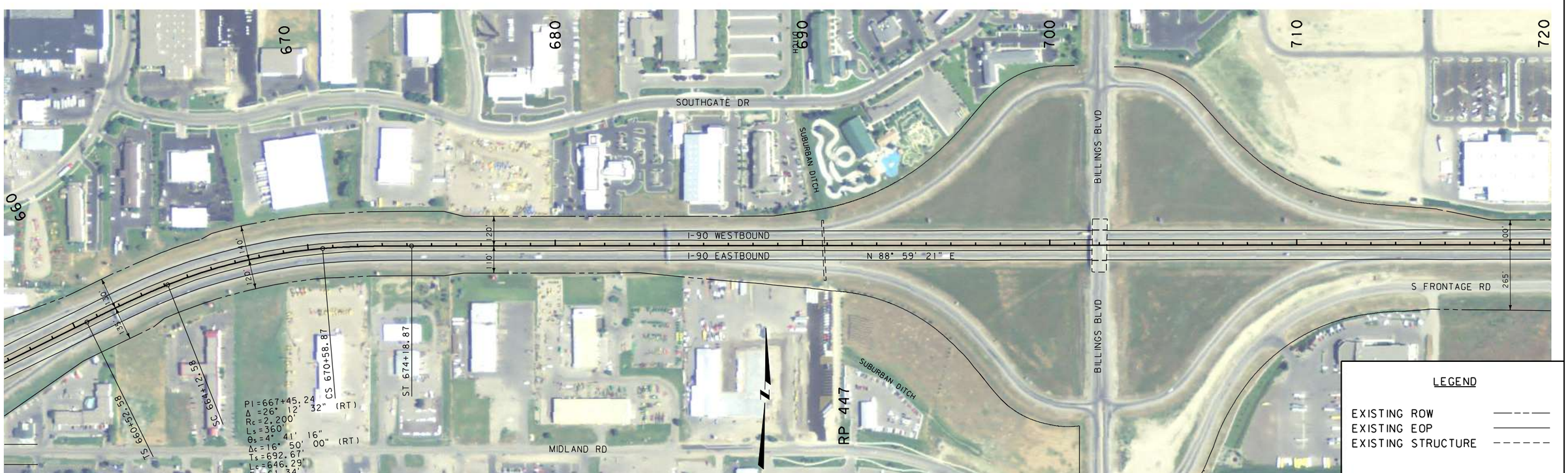
DOWL HKM





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EXISTING EOP
EXISTING STRUCTURE

SCALE 1"=400'

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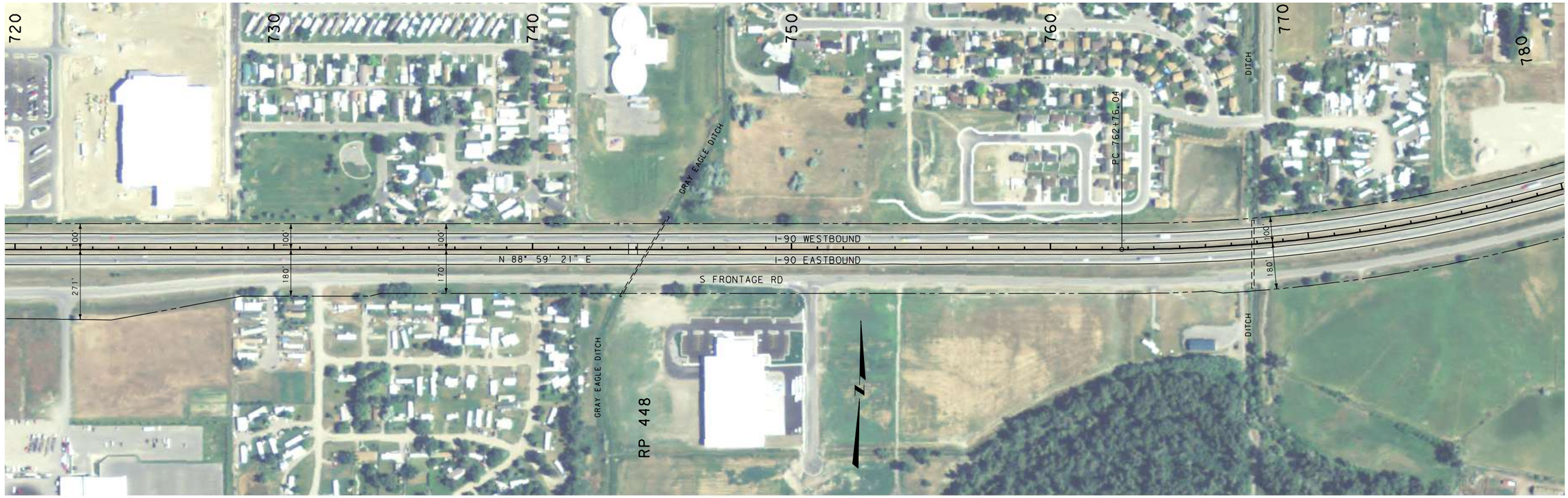
I-90 | UPN I-90 | SHEET 6 OF 10



LEGEND

EXISTING ROW
EXISTING EOP
EXISTING STRUCTURE

SCALE 1"=400'

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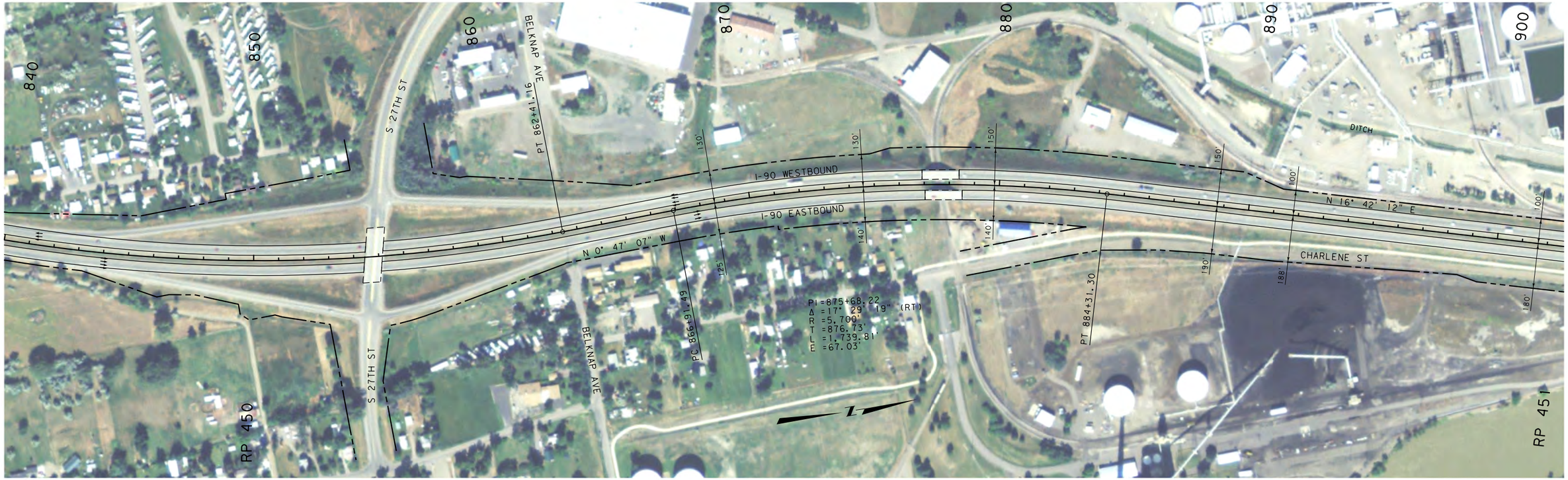
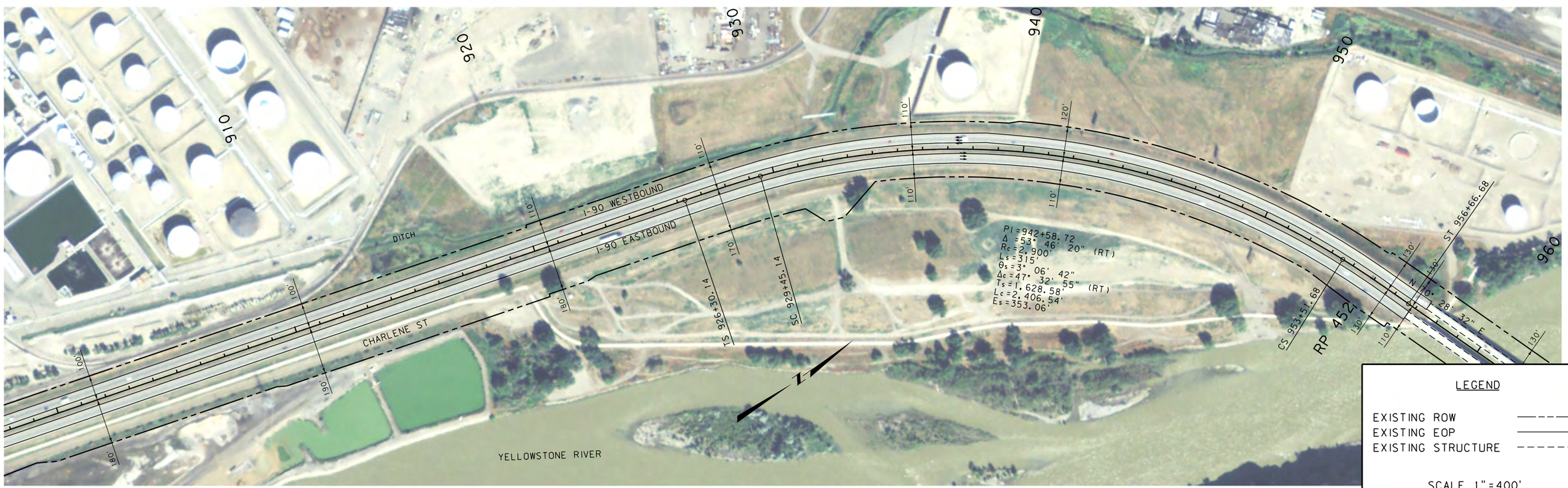
I-90 | UPN I-90 | SHEET 7 OF 10

DOWL HKM





LEGEND

EXISTING ROW
EXISTING EOP
EXISTING STRUCTURE

SCALE 1"=400'

DOWL HKM

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		$DATE$	REVIEWED BY	T. BECKEN-GADDO	11/1/2011	YELLOWSTONE COUNTY			
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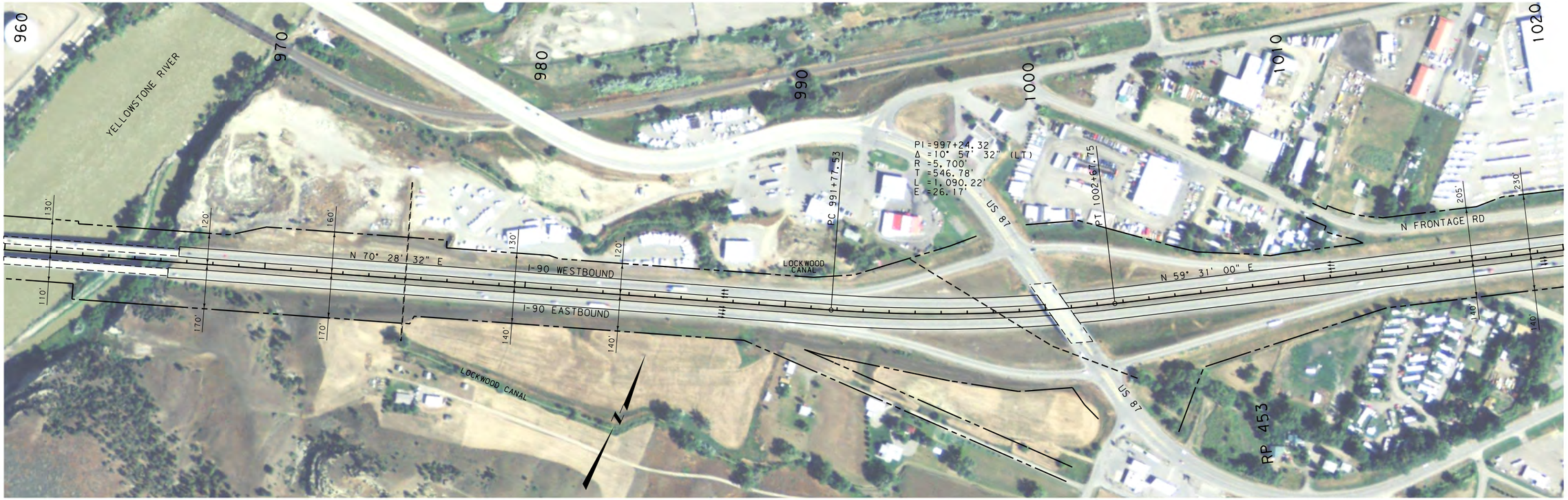

LEGEND

EXISTING ROW
EXISTING EOP
EXISTING STRUCTURE

SCALE 1"=400'

DOWL HKM

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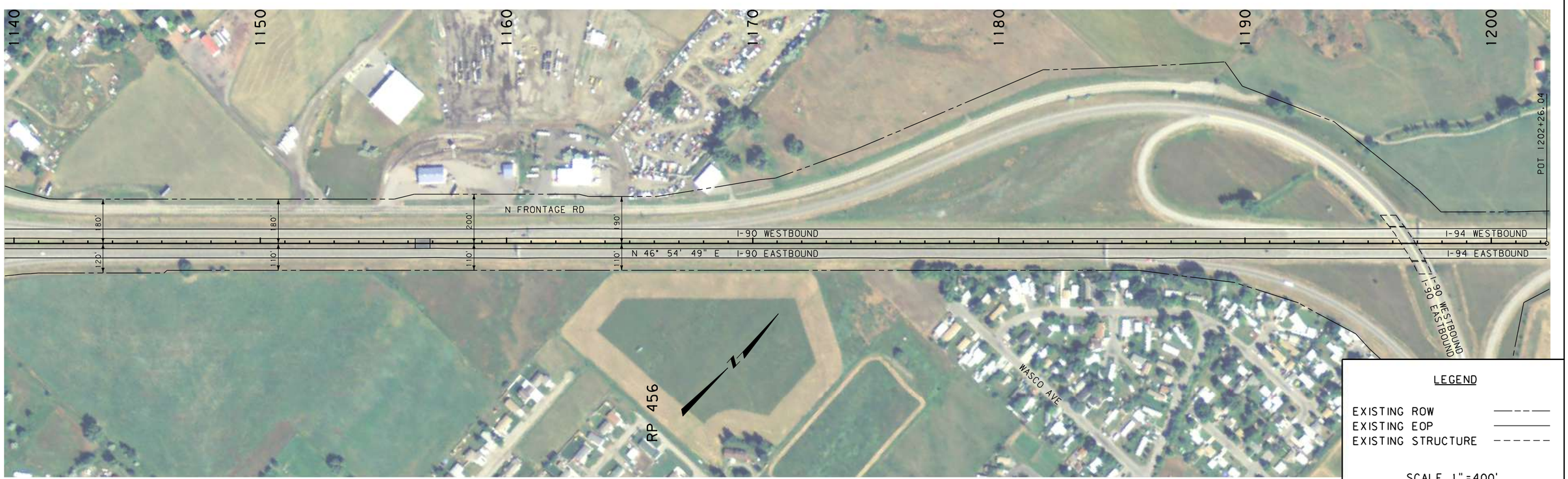

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1		11:28:08 AM tbecken-gaddo	CHECKED BY	T. CORMIER	6/2/2011	YELLOWSTONE COUNTY	UPN I-90 / SHEET 10 OF 10

Appendix 7

Excerpts from
Billings I-90 Interchanges Project Report

Table 6
Peak Hour I-90 Ramp Merge / Diverge Capacity Analysis
All I-90 Interchanges

Interchange	I-90 Direction	Merge/ Diverge	AM Peak Hour		Noon Peak Hour		PM Peak Hour	
			Density	LOS	Density	LOS	Density	LOS
Shiloh	Westbound	Merge	5.3	A	9.5	A	18.6	B
		Diverge	4.6	A	4.3	A	10.4	B
	Eastbound	Merge	16.2	B	8.2	A	10.8	B
		Diverge	11.1	B	6.4	A	6.0	A
S Billings Blvd	Westbound	Merge	12.8	B	12.1	B	15.2	B
		Diverge	7.2	A	7.0	A	7.3	A
	Eastbound	Merge	10.7	B	11.1	B	15.7	B
		Diverge	4.2	A	7.0	A	11.7	B
27th Street	Westbound	Merge	11.4	B	11.0	B	13.7	B
		Diverge	9.5	A	6.8	A	9.5	A
	Eastbound	Merge	9.6	A	10.1	B	15.8	B
		Diverge	7.6	A	7.3	A	12.1	B
US 87 Lockwood	Westbound	Merge	16.3	B	13.0	B	17.3	B
		Diverge	12.3	B	7.9	A	10.2	B
	Eastbound	Merge	7.3	A	8.4	A	14.2	B
		Diverge	6.8	A	7.7	A	14.1	B
Johnson Ln	Westbound	Merge	17.1	B	12.4	B	17.7	B
		Diverge	7.0	A	8.2	A	13.7	B
	Eastbound	Merge	9.6	A	9.6	A	14.1	B
		Diverge	7.4	A	8.4	A	12.3	B

Note: Density is in units of passenger cars per mile per lane.

SEH

MDT

Table 7
Peak Hour Intersection LOS
Shiloh Interchange - Exit 443

Intersection and Critical Movements	2003						2008						2023					
	AM Pk Hr		Noon Pk Hr		PM Pk Hr		AM Pk Hr		Noon Pk Hr		PM Pk Hr		AM Pk Hr		Noon Pk Hr		PM Pk Hr	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
	STOP CONTROL						STOP CONTROL						SIGNAL CONTROL					
Zoo Dr & Shiloh Rd	7.5	A	6.7	A	8.2	A	8.0	A	7.0	A	9.4	A	22.3	C	17.3	B	36.1	D
Eastbound Approach													*20.8*	*C*	*18.8*	*B*	*56.8*	*E*
Eastbound Left													21.3	C	19.7	B	93.7	F
Eastbound Through													20.5	C	18.2	B	26.6	C
Eastbound Right													19.1	B	16.3	B	22.2	C
Westbound Approach	*12.5*	*B*	*11.6*	*B*	*14.5*	*B*	*13.9*	*B*	*12.5*	*B*	*17.6*	*C*	*6.6*	*A*	*3.3*	*A*	*13.0*	*B*
Westbound Left	*12.5*	*B*	*11.6*	*B*	*35.4*	E	13.9	B	12.5	B	54.0	F	28.5	C	9.1	A	40.5	D
Westbound Through													28.2	C	9.5	A	38.9	D
Westbound Right	*0.0*	*A*	*0.0*	*A*	*12.1*	B	0.0	A	0.0	A	13.4	B	0.5	A	0.5	A	0.9	A
Northbound Approach	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*38.3*	*D*	*38.5*	*D*	*52.3*	*D*
Northbound Left													21.6	C	25.3	C	27.7	C
Northbound Through	*0.0*	*A*	*0.0*	*A*	*0.0*	A	0.0	A	0.0	A	0.0	A	45.4	D	42.2	D	61.4	E
Northbound Right	*0.0*	*A*	*0.0*	*A*	*0.0*	A	0.0	A	0.0	A	0.0	A	26.2	C	26.5	C	29.4	C
Southbound Approach	*7.2*	*A*	*5.5*	*A*	*6.0*	*A*	*7.4*	*A*	*5.6*	*A*	*6.1*	*A*	*28.5*	*C*	*19.6*	*B*	*41.5*	*D*
Southbound Left	*8.6*	*A*	*8.2*	*A*	*8.7*	A	8.9	A	8.3	A	9.0	A	37.4	D	27.7	C	69.2	E
Southbound Through	*0.0*	*A*	*0.0*	*A*	*0.0*	A	0.0	A	0.0	A	0.0	A	5.5	A	10.9	B	7.4	A
Southbound Right	*0.0*	*A*											5.5	A	10.4	B	6.7	A
							SIGNAL CONTROL						SIGNAL CONTROL					
Zoo Dr & Gabel Dr / Pierce Pkwy							13.6	B	14.1	B	20.1	C	27.9	C	28.7	C	138.0	F
Eastbound Approach (Zoo)							*7.2*	*A*	*6.9*	*A*	*21.6*	*C*	*16.4*	*B*	*26.7*	*C*	*307.2*	*F*
Eastbound Left							4.5	A	5.0	A	14.0	B	11.2	B	14.0	B	14.4	B
Eastbound Through + Right							7.9	A	7.4	A	23.8	C	17.4	B	29.2	C	348.7	F
Westbound Approach (Zoo)							*12.1*	*B*	*9.3*	*A*	*24.3*	*C*	*29.1*	*C*	*26.0*	*C*	*25.3*	*C*
Westbound Left							9.5	A	7.9	A	18.8	B	15.0	B	10.1	B	25.0	C
Westbound Through							12.7	B	9.7	A	26.0	C	45.4	D	31.4	C	29.9	C
Westbound Right							11.3	B	8.6	A	22.4	C	10.9	B	21.4	C	20.4	C
Northbound Approach (Pierce)							*20.9*	*C*	*32.6*	*C*	*15.9*	*B*	*26.7*	*C*	*30.0*	*C*	*35.3*	*D*
Northbound Left							18.8	B	26.3	C	13.9	B	21.2	C	25.5	C	24.8	C
Northbound Through							19.7	B	27.2	C	15.3	B	29.3	C	36.0	D	37.7	D
Northbound Right							22.1	C	36.8	D	16.7	B	27.9	C	27.9	C	38.2	D
Southbound Approach (Gabel)							*22.6*	*C*	*22.5*	*C*	*14.1*	*B*	*40.5*	*D*	*34.4*	*C*	*106.5*	*F*
Southbound Left							22.4	C	20.2	C	12.5	B	34.5	C	34.6	C	139.1	F
Southbound Through + Right							22.8	C	24.7	C	15.8	B	49.2	D	34.1	C	53.3	D
	STOP CONTROL						STOP CONTROL						SIGNAL CONTROL					
Zoo Dr & I-90 WB ramp	3.2	A	1.7	A	1.9	A	3.7	A	1.8	A	2.3	A	240.3	F	92.4	F	278.5	F
Westbound Approach	*12.5*	*B*	*11.7*	*B*	*13.6*	*B*	*14.8*	*B*	*13.1*	*B*	*17.0*	*C*	*180.0*	*F*	*99.4*	*F*	*156.6*	*F*
Westbound Left + Through	*12.5*	*B*	*11.7*	*B*	*13.6*	B	14.8	B	13.1	B	17.0	C	100.8	F	131.8	F	216.0	F
Westbound Right	*0.0*	*A*	*0.0*	*A*	*0.0*	A	0.0	A	0.0	A	0.0	A	247.2	F	34.0	C	44.6	D
Northbound Approach	*0.2*	*A*	*0.2*	*A*	*0.6*	*A*	*0.2*	*A*	*0.2*	*A*	*0.7*	*A*	*69.3*	*E*	*31.7*	*C*	*146.3*	*F*
Northbound Left	*8.2*	*A*	*8.0*	*A*	*8.5*	A	8.6	A	8.2	A	9.0	A	269.2	F	112.7	F	373.9	F
Northbound Through	*0.0*	*A*	*0.0*	*A*	*0.0*	A	0.0	A	0.0	A	0.0	A	3.5	A	8.1	A	71.4	E
Southbound Approach Through + Right	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*410.6*	*F*	*154.7*	*F*	*475.5*	*F*
	STOP CONTROL						STOP CONTROL						SIGNAL CONTROL					
Zoo Dr & I-90 EB ramp	9.3	A	6.9	A	7.1	A	34.7	D	8.4	A	11.3	B	220.7	F	69.5	E	172.4	F
Eastbound Approach Left + Through + Right	*20.5*	*C*	*14.4*	*B*	*20.7*	*C*	*97.3*	*F*	*18.4*	*C*	*36.9*	*E*	*255.3*	*F*	*105.9*	*F*	*255.6*	*F*
Northbound Approach	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*268.0*	*F*	*65.2*	*E*	*151.4*	*F*
Northbound Through	*0.0*	*A*	*0.0*	*A*	*0.0*	A	0.0	A	0.0	A	0.0	A	27.1	C	71.6	E	178.6	F
Northbound Right	*0.0*	*A*	*0.0*	*A*	*0.0*	A	0.0	A	0.0	A	0.0	A	308.3	F	57.1	E	115.4	F
Southbound Approach	*4.5*	*A*	*4.4*	*A*	*4.7*	*A*	*5.4*	*A*	*4.5*	*A*	*4.9*	*A*	*161.8*	*F*	*36.7*	*D*	*138.6*	*F*
Southbound Left	*7.9*	*A*	*7.7*	*A*	*8.1*	A	8.3	A	7.8	A	8.4	A	297.2	F	76.4	E	313.7	F
Southbound Through	*0.0*	*A*	*0.0*	*A*	*0.0*	A	0.0	A	0.0	A	0.0	A	12.7	B	8.2	A	8.8	A
	STOP CONTROL						STOP CONTROL						SIGNAL CONTROL					
Zoo Dr & S Frontage Rd	6.4	A	3.9	A	3.5	A	6.9	A	4.0	A	3.7	A	36.6	D	22.9	C	35.7	D
Eastbound Approach (S Frontage)	*4.6*	*A*	*3.9*	*A*	*4.9*	*A*	*4.6*	*A*	*4.0*	*A*	*5.0*	*A*	*70.1*	*E*	*23.9*	*C*	*33.3*	*C*
Eastbound Left	*7.7*	*A*	*7.7*	*A*	*8.0*	A	7.8	A	7.8	A	8.2	A	104.1	F	23.7	C	45.3	D
Eastbound Through	*0.0*	*A*	*0.0*	*A*	*0.0*	A	0.0	A	0.0	A	0.0	A	35.7	D	24.8	C	21.9	C
Eastbound Right													18.6	B	19.6	B	18.3	B
Westbound Approach (S Frontage)	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	24.1	C	30.4	C	48.9	D
Westbound Left													24.5	C	25.7	C	21.3	C
Westbound Through	*0.0*	*A*	*0.0*	*A*	*0.0*	A	0.0	A	0.0	A	0.0	A	27.5	C	35.3	D	52.6	D
Westbound Right	*0.0*	*A*	*0.0*	*A*	*0.0*	A	0.0	A	0.0	A	0.0	A	19.4	B	27.0	C	50.2	D
Northbound Approach (Future Zoo)													34.2	C	27.2	C	45.1	D
Northbound Left													23.3	C	21.6	C	28.0	C
Northbound Through + Right													35.5	D	27.6	C	47.6	D
Southbound Approach (Zoo)	11.7	B	9.8	A	9.8	A	13.1	B	10.2	B	10.2	B	14.2	B	14.4	B	16.8	B
Southbound Left	*13.6*	*B*	*10.9*	*B*	*11.1*	B	16.0	C	11.7	B	11.9	B	20.0	B	18.8	B	26.5	C
Southbound Through													15.0	B	16.6	B	19.2	B
Southbound Right	*8.7*	*A*	*8.9*	*A*	*9.3*	A	8.8	A	9.0	A	9.6	A	3.5	A	4.4	A	8.4	A

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Table 8
Peak Hour Intersection LOS
South Billings Boulevard Interchange - Exit 447

Intersection and Critical Movements	2003						2008						2023					
	AM Pk Hr		Noon Pk Hr		PM Pk Hr		AM Pk Hr		Noon Pk Hr		PM Pk Hr		AM Pk Hr		Noon Pk Hr		PM Pk Hr	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
	SIGNAL CONTROL						SIGNAL CONTROL						SIGNAL CONTROL					
S Billings Blvd & King Ave	**18.8**	B	**17.8**	B	**18.7**	B	**17.4**	B	**17.9**	B	**18.8**	B	**23.1**	C	**26.3**	C	**42.0**	D
Eastbound Approach	***36.7***	*D*	***25.9***	*C*	***37.1***	*D*	***36.2***	*D*	***26.3***	*C*	***30.7***	*C*	***32.7***	*C*	***43.6***	*D*	***55.8***	*E*
Eastbound Left	37.8	D	24.1	C	28.6	C	45.9	D	23.8	C	29.2	C	34.5	C	44.4	D	54.4	D
Eastbound Through	44.0	D	31.2	C	58.2	E	51.2	D	32.1	C	36.2	D	36.1	D	50.6	D	60.4	E
Eastbound Right	34.8	C	23.0	C	27.1	C	29.7	C	23.3	C	27.8	C	31.4	C	37.5	D	53.5	D
Westbound Approach	***29.5***	*C*	***25.3***	*C*	***24.9***	*C*	***24.4***	*C*	***27.6***	*C*	***28.5***	*C*	***38.4***	*D*	***34.7***	*C*	***89.1***	*F*
Westbound Left	26.8	C	20.3	C	25.3	C	22.4	C	21.7	C	30.9	C	38.8	D	31.7	C	111.9	F
Westbound Through + Right	32.4	C	29.6	C	24.2	C	26.5	C	32.7	C	25.1	C	37.9	D	37.4	D	57.7	E
Northbound Approach	***8.5***	*A*	***10.4***	*B*	***9.7***	*A*	***8.8***	*A*	***10.7***	*B*	***10.7***	*B*	***15.3***	*B*	***15.7***	*B*	***18.6***	*B*
Northbound Left	5.2	A	7.9	A	7.5	A	6.3	A	8.2	A	8.5	A	9.8	A	13.5	B	17.3	B
Northbound Through + Right	9.8	A	11.6	B	10.4	B	9.6	A	11.7	B	11.3	B	16.9	B	16.5	B	18.9	B
Southbound Approach	***9.8***	*A*	***13.8***	*B*	***12.4***	*B*	***12.8***	*B*	***13.2***	*B*	***14.3***	*B*	***15.9***	*B*	***21.0***	*C*	***29.2***	*C*
Southbound Left	8.1	A	10.6	B	8.0	A	10.3	B	10.2	B	9.9	A	15.1	B	13.2	B	17.6	B
Southbound Through + Right	9.9	A	14.3	B	12.9	B	12.9	B	13.7	B	14.8	B	15.9	B	22.2	C	30.3	C
	SIGNAL CONTROL						SIGNAL CONTROL						SIGNAL CONTROL					
S Billings Blvd & I-90 WB ramp	**10.5**	B	**9.9**	A	**10.6**	B	**11.3**	B	**10.6**	B	**12.2**	B	**17.5**	B	**18.1**	B	**24.3**	C
Westbound Approach	***33.0***	*C*	***32.1***	*C*	***34.5***	*C*	***28.9***	*C*	***29.4***	*C*	***30.2***	*C*	***44.4***	*D*	***53.0***	*D*	***70.0***	*E*
Westbound Left + Through	24.6	C	27.7	C	27.1	C	24.0	C	28.2	C	26.7	C	31.3	C	55.8	E	57.4	E
Westbound Right	35.0	C	34.8	C	37.7	D	31.4	C	30.8	C	32.9	C	53.2	D	49.2	D	81.9	F
Northbound Approach	***3.7***	*A*	***3.8***	*A*	***3.9***	*A*	***4.2***	*A*	***3.3***	*A*	***5.2***	*A*	***4.5***	*A*	***7.1***	*A*	***8.3***	*A*
Northbound Left	3.0	A	2.9	A	3.6	A	3.9	A	3.1	A	8.2	A	8.0	A	10.6	B	21.1	C
Northbound Through	4.0	A	4.1	A	4.1	A	4.4	A	3.4	A	3.6	A	2.6	A	5.4	A	1.2	A
Southbound Approach	***8.7***	*A*	***7.4***	*A*	***9.4***	*A*	***12.0***	*B*	***10.3***	*B*	***13.0***	*B*	***21.1***	*C*	***11.7***	*B*	***22.4***	*C*
Southbound Through	8.9	A	7.6	A	10.0	A	12.6	B	10.9	B	14.2	B	21.2	C	13.6	B	26.3	C
Southbound Right	8.5	A	6.9	A	8.3	A	11.0	B	8.9	A	10.0	A	20.8	C	6.5	A	11.4	B
	SIGNAL CONTROL						SIGNAL CONTROL						SIGNAL CONTROL					
S Billings Blvd & I-90 EB ramp	**9.9**	A	**10.9**	B	**11.4**	B	**10.3**	B	**11.4**	B	**13.8**	B	**49.5**	D	**41.0**	D	**74.3**	E
Eastbound Approach	***33.2***	*C*	***30.9***	*C*	***30.5***	*C*	***28.0***	*C*	***29.2***	*C*	***31.2***	*C*	***99.1***	*F*	***154.2***	*F*	***201.2***	*F*
Eastbound Left + Through	30.8	C	31.1	C	31.5	C	24.8	C	26.3	C	28.4	C	34.6	C	63.7	E	117.8	F
Eastbound Right	35.4	D	30.6	C	29.3	C	29.9	C	31.7	C	33.9	C	131.0	F	217.7	F	267.4	F
Northbound Approach	***3.0***	*A*	***3.6***	*A*	***4.5***	*A*	***5.9***	*A*	***6.1***	*A*	***7.6***	*A*	***35.9***	*D*	***8.0***	*A*	***23.8***	*C*
Northbound Through	3.1	A	3.7	A	4.7	A	6.1	A	6.2	A	7.4	A	43.5	D	9.5	A	29.5	C
Northbound Right	2.1	A	2.8	A	3.6	A	5.4	A	5.9	A	8.3	A	2.9	A	1.5	A	3.8	A
Southbound Approach	***3.8***	*A*	***3.1***	*A*	***5.1***	*A*	***6.4***	*A*	***5.8***	*A*	***9.8***	*A*	***43.9***	*D*	***12.1***	*B*	***56.8***	*E*
Southbound Left	4.0	A	2.2	A	3.5	A	7.0	A	4.5	A	7.3	A	143.3	F	35.6	D	104.8	F
Southbound Through	3.7	A	3.3	A	5.6	A	6.1	A	6.1	A	10.4	B	8.1	A	6.8	A	45.5	D
	STOP CONTROL						STOP CONTROL						STOP CONTROL					
King Ave & Southgate	**5.1**	A	**6.5**	A	**5.9**	A	**5.2**	A	**6.7**	A	**6.0**	A	**5.7**	A	**7.5**	A	**7.0**	A
Eastbound Approach	***0.5***	*A*	***0.5***	*A*	***0.7***	*A*	***0.4***	*A*	***0.4***	*A*	***0.7***	*A*	***0.5***	*A*	***0.4***	*A*	***0.7***	*A*
Eastbound Left	7.8	A	7.4	A	7.7	A	7.9	A	7.5	A	7.7	A	8.0	A	7.5	A	7.8	A
Eastbound Through + Right	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A
Westbound Approach	***4.0***	*A*	***5.9***	*A*	***3.8***	*A*	***4.0***	*A*	***6.0***	*A*	***3.8***	*A*	***4.2***	*A*	***6.3***	*A*	***4.0***	*A*
Westbound Left	7.8	A	8.0	A	7.9	A	7.9	A	8.1	A	7.9	A	8.2	A	8.4	A	8.2	A
Westbound Through + Right	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A
Northbound Approach	***9.5***	*A*	***10.7***	*B*	***10.7***	*B*	***9.6***	*A*	***11.0***	*B*	***11.0***	*B*	***10.2***	*B*	***12.8***	*B*	***12.5***	*B*
Northbound Left	18.0	C	17.6	C	16.1	C	19.5	C	19.2	C	17.2	C	26.7	D	27.5	D	22.9	C
Northbound Through + Right	9.2	A	9.9	A	10.1	B	9.3	A	10.1	B	10.3	B	9.7	A	10.9	B	11.4	B
Southbound Approach Left + Through + Right	***30.2***	*D*	***26.5***	*D*	***28.9***	*D*	***34.9***	*D*	***30.2***	*D*	***33.3***	*D*	***62.4***	*F*	***50.2***	*F*	***61.3***	*F*
	STOP CONTROL						SIGNAL CONTROL						SIGNAL CONTROL					
S Billings & S Frontage Rd	**2.0**	A	**2.3**	A	**2.3**	A	**11.5**	B	**11.5**	B	**11.3**	B	**111.3**	F	**73.7**	E	**134.1**	F
Eastbound Approach							***24.2***	*C*	***20.3***	*C*	***23.6***	*C*	***166.5***	*F*	***67.1***	*E*	***125.3***	*F*
Eastbound Left							22.9	C	19.7	B	22.5	C	95.9	F	42.4	D	83.9	F
Eastbound Left + Through + Right							25.2	C	20.7	C	24.6	C	221.5	F	86.3	F	157.4	F
Westbound Approach	***13.7***	*B*	***11.9***	*B*	***15.4***	*C*	***31.0***	*C*	***33.0***	*C*	***32.4***	*C*	***160.5***	*F*	***382.5***	*F*	***563.4***	*F*
Westbound Left	18.1	C	18.2	C	32.7	D	28.9	C	26.7	C	27.4	C	45.5	D	47.4	D	79.3	E
Westbound Through + Right							31.6	C	34.0	C	33.4	C	194.7	F	432.7	F	659.7	F
Westbound Right	12.2	B	10.9	B	11.7	B												A
Northbound Approach	***0.0***	*A*	***0.0***	*A*	***0.0***	*A*	***10.2***	*B*	***9.3***	*A*	***9.1***	*A*	***141.7***	*F*	***71.4***	*E*	***135.8***	*F*
Northbound Left							4.7	A	6.2	A	5.2	A	8.0	A	19.2	B	151.5	F
Northbound Through + Right	0.0	A	0.0	A	0.0	A	10.4	B	9.4	A	9.2	A	146.9	F	74.5	E	135.1	F
Southbound Approach	***2.2***	*A*	***1.7***	*A*	***1.9***	*A*	***3.2***	*A*	***5.9***	*A*	***6.8***	*A*	***37.8***	*D*	***20.8***	*C*	***82.0***	*F*
Southbound Left	8.7	A	8.3	A	8.8	A	4.4	A	5.5	A	7.3	A	204.9	F	45.3	D	153.0	F
Southbound Through	0.0	A	0.0	A	0.0	A	3.2	A	6.7	A	7.6	A	5.3	A	19.6	B	81.5	F
Southbound Right							2.6	A	3.6	A	2.1	A	0.6	A	6.3	A	3.2	A

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Table 9
Peak Hour Intersection LOS
27th Street Interchange - Exit 450

Intersection and Critical Movements	2003						2008						2023					
	AM Pk Hr		Noon Pk Hr		PM Pk Hr		AM Pk Hr		Noon Pk Hr		PM Pk Hr		AM Pk Hr		Noon Pk Hr		PM Pk Hr	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
	SIGNAL CONTROL						SIGNAL CONTROL						SIGNAL CONTROL					
27th St & State Ave	24.0	C	24.6	C	27.1	C	22.9	C	24.8	C	25.8	C	24.2	C	21.6	C	24.4	C
Eastbound Approach (State)	*40.8*	*D*	*34.3*	*C*	*40.5*	*D*	*32.5*	*C*	*35.0*	*C*	*38.4*	*D*	*36.1*	*D*	*26.7*	*C*	*32.3*	*C*
Eastbound Left + Through	46.0	D	37.3	D	44.2	D	35.4	D	38.2	D	41.3	D	39.6	D	29.3	C	35.2	D
Eastbound Right	26.6	C	27.2	C	35.3	D	24.7	C	27.4	C	34.4	C	26.9	C	20.3	C	28.3	C
Westbound Approach (State)	*34.6*	*C*	*34.2*	*C*	*34.2*	*C*	*35.0*	*C*	*35.4*	*D*	*38.6*	*D*	*39.6*	*D*	*27.9*	*C*	*35.4*	*D*
Westbound Left + Through	34.8	C	34.5	C	34.8	C	35.2	D	35.7	D	39.9	D	39.8	D	28.3	C	37.9	D
Westbound Right	34.3	C	33.5	C	33.1	C	34.6	C	34.6	C	36.0	D	39.2	D	27.0	C	30.6	C
Northbound Approach (27th)	*17.8*	*B*	*19.3*	*B*	*19.5*	*B*	*19.0*	*B*	*19.1*	*B*	*19.4*	*B*	*18.0*	*B*	*15.8*	*B*	*17.5*	*B*
Northbound Left	40.1	D	38.8	D	40.0	D	39.8	D	39.6	D	47.5	D	40.5	D	33.4	C	45.1	D
Northbound Through	12.7	B	14.6	B	13.3	B	14.3	B	14.6	B	13.1	B	12.9	B	11.7	B	9.1	A
Northbound Right	10.4	B	12.4	B	11.5	B	11.6	B	12.7	B	13.5	B	10.4	B	6.4	A	7.5	A
Southbound Approach (27th)	*18.1*	*B*	*20.2*	*C*	*19.3*	*B*	*19.5*	*B*	*20.5*	*C*	*21.3*	*C*	*23.4*	*C*	*23.3*	*C*	*22.5*	*C*
Southbound Left	40.8	D	43.5	D	42.0	D	40.6	D	44.9	D	60.7	E	59.8	E	71.9	E	72.2	E
Southbound Through + Right	15.7	B	18.3	B	16.9	B	17.5	B	18.5	B	19.5	B	19.9	B	19.5	B	20.3	C
	STOP CONTROL						STOP CONTROL						SIGNAL CONTROL					
27th St & I-90 WB ramp	3.9	A	2.1	A	2.1	A	3.9	A	2.1	A	2.1	A	6.8	A	6.9	A	6.5	A
Eastbound Approach (27th) Thru + Right	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*3.3*	*A*	*1.3*	*A*	*1.2*	*A*
Westbound Approach (27th) Left + Thru	*0.6*	*A*	*0.6*	*A*	*0.6*	*A*	*0.6*	*A*	*0.6*	*A*	*0.6*	*A*	*2.9*	*A*	*5.0*	*A*	*2.2*	*A*
Southbound Approach (I-90 ramp) Left + Thru + Right	*12.7*	*B*	*11.0*	*B*	*11.0*	*B*	*12.9*	*B*	*11.1*	*B*	*11.1*	*B*	*16.2*	*B*	*27.5*	*C*	*31.5*	*C*
	STOP CONTROL						STOP CONTROL						SIGNAL CONTROL					
27th St & I-90 EB ramp	15.9	C	9.8	A	18.1	C	17.9	C	10.6	B	21.7	C	11.8	B	11.6	B	14.7	B
Eastbound Approach (27th) Left + Thru	*5.1*	*A*	*4.9*	*A*	*5.7*	*A*	*5.1*	*A*	*4.9*	*A*	*5.7*	*A*	*4.0*	*A*	*12.0*	*B*	*3.2*	*A*
Westbound Approach (27th) Thru + Right	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*6.4*	*A*	*21.0*	*C*	*4.6*	*A*
Northbound Approach (I-90 ramp) Left + Thru + Right	*26.3*	*D*	*21.2*	*C*	*44.7*	*E*	*29.6*	*D*	*22.8*	*C*	*54.2*	*F*	*16.9*	*B*	*5.4*	*A*	*34.1*	*C*
	STOP CONTROL						STOP CONTROL						STOP CONTROL					
27th St & Garden Ave	6.6	A	5.6	A	4.8	A	6.6	A	5.6	A	4.8	A	6.6	A	5.6	A	4.8	A
Eastbound Approach (27th) Left + Right	*10.4*	*B*	*10.0*	*A*	*9.8*	*A*	*10.5*	*B*	*10.0*	*A*	*9.8*	*A*	*10.5*	*B*	*10.1*	*B*	*9.9*	*A*
Northbound Approach (Garden) Left + Thru	*7.0*	*A*	*6.8*	*A*	*7.0*	*A*	*7.0*	*A*	*6.8*	*A*	*7.0*	*A*	*7.0*	*A*	*6.9*	*A*	*7.0*	*A*
Southbound Approach (Garden) Thru + Right	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*

Table 10
Peak Hour Intersection LOS
US 87 Lockwood Interchange - Exit 452

Intersection and Critical Movements	2003						2008						2023					
	AM Pk Hr		Noon Pk Hr		PM Pk Hr		AM Pk Hr		Noon Pk Hr		PM Pk Hr		AM Pk Hr		Noon Pk Hr		PM Pk Hr	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
	SIGNAL CONTROL						SIGNAL CONTROL						SIGNAL CONTROL					
US 87 and N Frontage Rd.	8.2	A	9.9	A	19.7	B	8.4	A	10.2	B	16.2	B	9.3	A	10.8	B	22.9	C
Eastbound Approach	*2.6*	*A*	*3.7*	*A*	*13.3*	*B*	*2.7*	*A*	*3.8*	*A*	*10.6*	*B*	*3.7*	*A*	*4.4*	*A*	*12.3*	*B*
Eastbound Left	3.9	A	4.2	A	12.4	B	4.3	A	4.4	A	10.0	A	7.9	A	5.2	A	11.3	B
Eastbound Through + Right	2.0	A	3.6	A	13.4	B	2.0	A	3.7	A	10.7	B	2.0	A	4.1	A	12.5	B
Westbound Approach	*8.9*	*A*	*10.2*	*B*	*22.5*	*C*	*9.2*	*A*	*10.5*	*B*	*21.4*	*C*	*7.3*	*A*	*8.1*	*A*	*28.2*	*C*
Westbound Left	6.0	A	8.8	A	16.9	B	6.0	A	9.0	A	15.4	B	4.0	A	7.3	A	19.7	B
Westbound Through + Right	9.0	A	10.4	B	22.8	C	9.3	A	10.6	B	21.7	C	7.4	A	8.1	A	28.6	C
Northbound Approach	*22.7*	*C*	*19.6*	*B*	*13.2*	*B*	*23.1*	*C*	*19.7*	*B*	*14.1*	*B*	*34.0*	*C*	*23.8*	*C*	*15.1*	*B*
Northbound Left	22.8	C	19.8	B	13.3	B	23.2	C	19.9	B	14.3	B	34.2	C	24.2	C	15.6	B
Northbound Through + Right	22.6	C	19.4	B	13.1	B	23.0	C	19.5	B	14.0	B	33.9	C	23.4	C	14.8	B
Southbound Approach	*19.4*	*B*	*17.8*	*B*	*26.3*	*C*	*19.8*	*B*	*18.2*	*B*	*18.8*	*B*	*29.4*	*C*	*23.9*	*C*	*32.1*	*C*
Southbound Left + Through	24.5	C	22.3	C	18.7	B	25.1	C	23.0	C	24.5	C	38.1	D	32.8	C	50.3	D
Southbound Right	18.3	B	15.5	B	30.8	C	18.6	B	15.8	B	15.4	B	27.5	C	19.5	B	21.3	C
	SIGNAL CONTROL						SIGNAL CONTROL						SIGNAL CONTROL					
US 87 and I-90 WB ramp	16.0	B	11.8	B	32.9	C	16.1	B	12.4	B	45.6	D	20.9	C	11.7	B	46.2	D
Westbound Approach (I-90 ramp) Left + Through + Right	*31.8*	*C*	*24.2*	*C*	*19.8*	*B*	*31.7*	*C*	*25.6*	*C*	*20.1*	*C*	*51.6*	*D*	*25.8*	*C*	*25.9*	*C*
Northbound Approach	*4.7*	*A*	*3.1*	*A*	*14.5*	*B*	*5.0*	*A*	*3.5*	*A*	*16.8*	*B*	*5.9*	*A*	*3.3*	*A*	*11.6*	*B*
Northbound Left	7.9	A	6.7	A	47.0	D	9.0	A	7.7	A	57.6	E	13.9	B	9.7	A	47.7	D
Northbound Through	3.7	A	2.3	A	5.5	A	3.7	A	2.4	A	5.4	A	3.4	A	1.7	A	1.6	A
Southbound Approach Through + Right	*21.5*	*C*	*15.0*	*B*	*46.9*	*D*	*21.6*	*C*	*15.6*	*B*	*68.5*	*E*	*21.5*	*C*	*14.4*	*B*	*72.1*	*E*
	SIGNAL CONTROL						SIGNAL CONTROL						SIGNAL CONTROL					
US 87 and I-90 EB ramp	14.2	B	14.9	B	29.8	C	15.1	B	15.6	B	34.7	C	23.9	C	21.2	C	121.4	F
Eastbound Approach (I-90 ramp) Left + Through + Right	*22.7*	*C*	*32.3*	*C*	*68.1*	*E*	*22.2*	*C*	*35.0*	*C*	*84.8*	*F*	*32.8*	*C*	*46.4*	*D*	*376.5*	*F*
Northbound Approach Through + Right	*16.6*	*B*	*13.2*	*B*	*28.1*	*C*	*18.9*	*B*	*13.4*	*B*	*26.4*	*C*	*26.3*	*C*	*19.9*	*B*	*19.8*	*B*
Southbound Approach	*2.1*	*A*	*5.9*	*A*	*4.1*	*A*	*2.4*	*A*	*5.9*	*A*	*3.9*	*A*	*10.8*	*B*	*8.1*	*A*	*10.1*	*B*
Southbound Left	4.0	A	2.5	A	6.0	A	4.7	A	2.9	A	5.9	A	5.3	A	2.9	A	8.2	A
Southbound Through	0.8	A	8.1	A	2.5	A	0.9	A	7.8	A	2.2	A	13.9	B	10.9	B	11.7	B
	STOP CONTROL						STOP CONTROL						SIGNAL CONTROL					
US 87 and Coburn Rd.	1.6	A	1.1	A	1.2	A	1.9	A	1.3	A	1.5	A	8.8	A	4.4	A	4.1	A
Eastbound Approach Through + Right	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*0.0*	*A*	*5.8*	*A*	*1.0*	*A*	*1.6*	*A*
Westbound Approach Left + Through	*0.1*	*A*	*0.1*	*A*	*0.1*	*A*	*0.2*	*A*	*0.1*	*A*	*0.1*	*A*	*4.0*	*A*	*3.1*	*A*	*3.3*	*A*
Northbound Approach Left + Right	*15.3*	*C*	*14.2*	*B*	*18.5*	*C*	*16.9*	*C*	*15.4*	*C*	*21.4*	*C*	*38.8*	*D*	*28.7*	*C*	*26.4*	*C*

Table 11
Peak Hour Intersection LOS
Johnson Lane Interchange - Exit 455

Intersection and Critical Movements	2003						2008						2023					
	AM Pk Hr		Noon Pk Hr		PM Pk Hr		AM Pk Hr		Noon Pk Hr		PM Pk Hr		AM Pk Hr		Noon Pk Hr		PM Pk Hr	
	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
	STOP CONTROL						STOP CONTROL						SIGNAL CONTROL					
Johnson Lane and N. Frontage Rd.	7.2	A	7.1	A	7.8	A	8.0	A	7.4	A	8.6	A	64.1	F	34.7	D	51.8	F
Westbound Approach Left + Through + Right	15.2	C	13.0	B	12.8	B	26.9	D	20.4	C	25.4	D	265.9	F	79.1	F	76.1	F
Eastbound Approach Left + Through + Right	10.0	A	9.6	A	9.7	A	11.5	B	10.5	B	10.9	B	41.0	E	27.8	D	40.2	E
Northbound Approach	6.5	A	5.9	A	5.3	A	5.2	A	4.8	A	3.1	A	35.3	E	23.9	C	42.9	E
Northbound Left	7.8	A	7.6	A	7.5	A	8.0	A	7.8	A	7.7	A	49.9	E	33.2	D	64.7	F
Northbound Through + Right	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	13.5	B	12.2	B	21.7	C
Southbound Approach Left + Through + Right	0.0	A	0.3	A	0.7	A	0.0	A	0.1	A	0.3	A	39.5	E	39.1	E	89.2	F
	STOP CONTROL						STOP CONTROL						SIGNAL CONTROL					
Johnson Lane and I-90 WB ramp	58.6	F	7.9	A	10.1	B	1164.9	F	9.4	A	18.8	C	219.6	F	59.7	E	86.2	F
Westbound Approach Left + Through + Right	570.0	F	23.4	C	33.9	D	999.9	F	34.0	D	78.1	F	428.8	F	122.1	F	177.6	F
Northbound Approach	7.7	A	6.1	A	7.0	A	8.2	A	5.8	A	6.5	A	227.3	F	41.6	D	50.8	D
Northbound Left	9.7	A	8.1	A	8.4	A	11.0	B	8.6	A	9.0	A	378.3	F	79.5	E	87.4	F
Northbound Through	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	1.8	A	3.9	A	7.6	A
Southbound Approach Through + Right	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	56.5	E	43.6	D	67.3	E
	STOP CONTROL						STOP CONTROL						SIGNAL CONTROL					
Johnson Lane and I-90 EB ramp	1.8	A	4.0	A	6.9	A	3.5	A	5.9	A	16.1	C	147.8	F	52.9	D	145.6	F
Eastbound Approach Left + Through + Right	11.7	B	12.2	B	18.0	C	18.9	C	16.8	C	43.0	E	184.8	F	73.3	E	164.9	F
Northbound Approach Through + Right	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	160.9	F	49.6	D	182.8	F
Southbound Approach	0.6	A	0.5	A	1.3	A	2.9	A	2.1	A	2.6	A	57.3	E	32.6	C	87.6	F
Southbound Left	9.6	A	8.4	A	8.6	A	10.2	B	8.6	A	9.0	A	90.3	F	58.6	E	175.2	F
Southbound Through	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	1.9	A	5.5	A	8.8	A
	SIGNAL CONTROL						SIGNAL CONTROL						SIGNAL CONTROL					
Johnson Lane and Old Hardin	13.9	B	9.3	A	14.1	B	28.8	C	15.3	B	23.6	C	72.0	E	21.5	C	57.2	E
Eastbound Approach	18.1	B	15.7	B	31.7	C	34.0	C	22.9	C	42.1	D	91.6	F	31.3	C	82.5	F
Eastbound Left	21.3	C	17.1	B	29.8	C	48.5	D	33.5	C	80.6	F	143.8	F	43.2	D	159.1	F
Eastbound Through + Right	14.3	B	14.3	B	32.8	C	16.4	B	13.0	B	18.7	B	28.8	C	20.4	C	36.1	D
Westbound Approach	15.9	B	9.2	A	9.0	A	31.8	C	22.0	C	15.7	B	79.0	E	35.6	D	93.8	F
Westbound Left + Through	14.6	B	13.2	B	17.5	B	43.0	D	35.0	C	28.7	C	118.9	F	52.4	D	268.0	F
Westbound Right	16.1	B	7.7	A	5.4	A	30.0	C	17.1	B	10.2	B	72.5	E	28.9	C	16.3	B
Northbound Approach	12.5	B	11.8	B	18.8	B	34.3	C	12.9	B	31.2	C	91.7	F	21.5	C	42.6	D
Northbound Left	10.7	B	11.0	B	17.0	B	20.8	C	12.1	B	23.7	C	33.3	C	19.0	B	33.8	C
Northbound Through + Right	12.7	B	11.9	B	19.1	B	35.6	D	13.1	B	32.4	C	96.9	F	21.9	C	44.1	D
Southbound Approach	3.1	A	4.6	A	6.5	A	5.7	A	6.8	A	16.1	B	3.5	A	5.6	A	30.1	C
Southbound Left	3.3	A	5.0	A	7.9	A	5.9	A	7.3	A	20.6	C	6.0	A	6.9	A	42.2	D
Southbound Through	2.8	A	3.9	A	3.6	A	5.2	A	5.8	A	6.9	A	3.4	A	5.2	A	6.7	A
Southbound Right	3.0	A	4.4	A	3.8	A	5.5	A	6.6	A	7.2	A	1.1	A	4.2	A	7.3	A
	STOP CONTROL						STOP CONTROL						STOP CONTROL					
Old Hardin and Becraft Lane	5.7	A	2.3	A	3.1	A	6.7	A	2.4	A	4.2	A	15.0	B	3.1	A	22.3	C
Eastbound Approach Through + Right	0.0	A	0.0	A	1.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A
Northbound Approach Left + Right	0.2	A	13.7	B	24.1	C	25.8	D	14.3	B	32.4	D	55.9	F	17.5	C	168.4	F
Westbound Approach Left + Through	22.4	C	0.3	A	0.4	A	0.2	A	0.3	A	0.4	A	0.3	A	0.4	A	0.7	A

Table 12
Three Year Accident History
All Interchanges

Intersection or Roadway Segment	Number of Accidents		Day / Night			Type of Accident												Severity	
	Three Year Total	Avg. Per Year	Day Acci-dents	Night Acci-dents	Night-to-Day Accident Ratio[1]	Rear End	Head On	Left Turn (Opp. Dir.)	Left Turn (Same Dir.)	Side-swipe (Opp. Dir.)	Side-swipe (Same Dir.)	Right Turn	Right Angle	Ped	Bike	Single Vehicle	Other	Injury	Fatality
Exit 443 - Shiloh Rd					*														
I-90 MP 442.0 to 444.0, Non-Junction	31	10	23	8	0.35	4					6			1		20		10	1
I-90 MP 442.0 to 444.0, Intersection/Interchange Related	8	3	4	4	1.00	2					2		1	1		1	1	1	1
Intersection: Zoo Dr & S Frontage Rd	4	1	4	0	0.00								4					3	1
Zoo Dr: I-90 to Shiloh Rd	2	1	0	2	2.00											2			
Exit 447 - S. Billings Blvd					0.37														
I-90 MP 446.0 to 448.0, Non-Junction	35	12	23	12	0.52	4					4			1		23	3	12	2
I-90 MP 446.0 to 448.0, Intersection/Interchange Related	93	31	68	25	0.37	59	1	1			3	1	13			15		32	
Intersection: S. Billings Blvd & King Ave	6	2	4	2	0.50	3	1						1			1		1	
S. Billings Blvd: I-90 to King Ave	0	0	0	0	0.00														
Intersection: S. Billings Blvd & I-90 WB	0	0	0	0	0.00														
S. Billings Blvd: I-90 EB to I-90 WB	1	0	1	0	0.00								1						
Intersection: S. Billings Blvd & I-90 EB	0	0	0	0	0.00														
Exit 450 - 27th St					0.36														
I-90 MP 449.0 to 451.0, Non-Junction	26	9	14	12	0.86	6					1					16	3	8	1
I-90 MP 449.0 to 451.0, Intersection/Interchange Related	23	8	16	7	0.44	5					2		6			10		5	
Intersection: 27th St & State Ave	10	3	7	3	0.43	4							3			3		3	
27th St: I-90 WB to State Ave	0	0	0	0	0.00														
Intersection: 27th St & I-90 WB	5	2	4	1	0.25	4										1		2	
27th St: I-90 EB to I-90 WB	1	0	0	1	1.00											1		1	
Intersection: 27th St & I-90 WB	5	2	5	0	0.00	2							2			1		2	
Exit 452 - US 87 Lockwood					0.20														
I-90 MP 449.0 to 451.0, Non-Junction	60	20	38	22	0.58	16	1				1		1			41		10	1
I-90 MP 449.0 to 451.0, Intersection/Interchange Related	42	14	36	6	0.17	16	2	4	1	1	2	1	9			4	2	8	
Intersection: US 87 & N Frontage Rd	60	20	51	9	0.18	27		10	1	1	4		10			7		31	
US 87: I-90 WB to N Frontage Rd	0	0	0	0	0.00														
Intersection: US 87 & I-90 WB	22	7	17	3	0.18	14							5			3		4	
US 87: I-90 EB to I-90 WB	0	0	0	0	0.00														
Intersection: US 87 & I-90 EB	22	7	17	5	0.29	8		7			1		3			3		6	
US 87: Coburn Rd to I-90 EB	0	0	0	0	0.00														
Intersection: US 87 & Coburn Rd	19	6	16	3	0.19	6	1	2		3			5			2		7	
Exit 455 - Johnson Ln.					0.30														
I-90 MP 449.0 to 451.0, Non-Junction	20	7	12	8	0.67	2					1					17		4	
I-90 MP 449.0 to 451.0, Intersection/Interchange Related	16	5	15	1	0.07	5					2		5			3	1	2	
Intersection: Johnson Ln & I-90 WB	11	4	10	1	0.10	5			1				5					2	
Intersection: Johnson Ln & I-90 EB	8	3	2	6	3.00	5							2			1		3	
Intersection: Johnson Ln & Old Hardin Rd	9	3	6	3	0.50	2	1			1	2					2	1	2	

[1] Calculated for the purpose of evaluating interchange lighting needs. Only accidents within the interchange area (ramps, terminals, and crossroads between terminals) were factored in this value.

* Night-to-day accident ratio not calculated since sample size (# of interchange accidents) is too small

Table 14
Interchange Deficiencies
Shiloh Interchange - Exit 443

Deficiency	Location	Time Frame	Category
SB left turn truck movement	Zoo Dr / Shiloh Rd	Existing	Geometric
Opposing left turn truck overlap	Zoo Dr / Future Entrance	Existing	
Opposing left turn truck overlap	Zoo Dr / Gabel Rd	Existing	
Opposing left turn truck overlap	Zoo Dr / S Frontage Rd	Short Term (1)	
No Posted Speed Limit	Zoo Dr	Existing	Traffic Control
Lack of Advance I-90 Guide Signs	Zoo Dr	Existing	
Lack of Road Closed signing behind Type 3 barrier	Zoo Dr south of S Frontage Rd	Existing	
Lack of Road Closed signing behind Type 3 barrier	Future entrance legs	Existing	
Shiloh Road advance street name sign	NB & SB S Frontage Rd at Zoo Dr	Existing	
Inappropriate stop bar for channelized right turn	NB Shiloh Rd at Zoo Dr	Existing	
Inappropriate stop bar for channelized right turn	WB Zoo Dr at Gabel Rd	Existing	
Inappropriate stop bar for channelized right turn	NB & SB S Frontage Rd at Zoo Dr	Existing	
New traffic signal	Zoo Dr / Shiloh Rd	Long Term	Traffic Control (Signal)
New traffic signal	Zoo Dr / future entrance	Long Term	
New traffic signal	Zoo Dr / Gabel Rd	Short Term	
New traffic signal	Zoo Dr / I-90 WB ramps	Long Term	
New traffic signal	Zoo Dr / I-90 EB ramps	Long Term	
New traffic signal	Zoo Dr / S Frontage Rd	Long Term	
Coordinated signal system	Zoo Dr	Long Term	
Potential inadequate capacity	Zoo Dr / Shiloh Rd	Short Term	Intersection Capacity
Potential future entrance impact on free right turn	Shiloh Rd north of Zoo Dr	Short Term	
Potential impacts of future west leg	Zoo Dr west of Shiloh Rd	Short Term (3)	
Inadequate capacity	Zoo Dr / Gabel Rd	Long Term	
Inadequate capacity	Zoo Dr / I-90 WB ramps	Long Term	
Potential inadequate capacity	Zoo Dr / I-90 EB ramps	Long Term	
Potential inadequate capacity without traffic signal	Zoo Dr / S Frontage Rd	Long Term	
Potential inadequate capacity with traffic signal	Zoo Dr / S Frontage Rd	Long Term	
Potential platoon deficiency due to new traffic signal	Zoo Dr / I-90 WB ramps	Long Term	Ramp Capacity
Potential platoon deficiency due to signalized double left turn	Zoo Dr / I-90 WB ramps	Long Term	
Potential need for right turn overlap phase or "free" right turn	Zoo Dr / I-90 WB ramps	Long Term	
Potential platoon deficiency due to new traffic signal	Zoo Dr / I-90 EB ramps	Long Term	
Potential platoon deficiency due to signalized double left turn	Zoo Dr / I-90 EB ramps	Long Term	
Potential need for right turn overlap phase	Zoo Dr / I-90 EB ramps	Long Term	
Southbound right angle accidents - potential visibility problem	Zoo Dr / S Frontage Rd	Existing	Safety
Lack of sidewalks & crosswalks except east side of I-90 bridge	Zoo Dr	Short Term (4)	Pedestrian
None identified			Bicycle
I-90 mainline highway lighting does not meet CIL standards	I-90 at Zoo Dr	Long Term	Lighting

[1] After south leg of Zoo Drive is open
[2] With significant development on Zoo Drive south leg
(3) With development west of Zoo Drive / Shiloh Road
(4) With adjacent development to generate pedestrian traffic

POTENTIAL SHORT-TERM CRITICAL FAILURE = May require major interchange reconfiguration or improvement in the short-term

POTENTIAL LONG-TERM CRITICAL FAILURE = May require major interchange reconfiguration or improvement in the long-term

Table 15
Interchange Deficiencies
South Billings Boulevard Interchange - Exit 447

Deficiency	Location	Time Frame	Category
Multiple truck turn movements	S Billings Blvd	Existing	Geometric
Access Management at gas station	King Ave west of S Billings Blvd	Existing	
Jct I-90 signs before previous intersection	SB S Billings Blvd north of King Ave	Existing	Traffic Control
Jct I-90 signs before previous intersection	NB S Billings Blvd south of S Frontage Rd	Existing	
Lack of I-90 advance directional sign	SB S Billings Blvd north of I-90 EB ramps	Existing	
No posted speed limit in SB direction	SB S Billings Blvd	Existing	
Lack of lane control sign for wide thru-right lane on mast arm	SB S Billings Blvd at King Ave	Existing	
Lack of lane control signs for thru and right turns on mast arm	EB King Ave at S Billings Blvd	Existing	
Lack of end of guardrail object marker	NB & SB S Billings Blvd overpass	Existing	
New traffic signal	S Billings Blvd / Midland Rd	Short Term (1)	Traffic Control (Signal)
Coordinated signal system	S Billings Blvd	Short Term	
Inadequate capacity under stop control	Southgate Dr left / thru at King Ave	Long Term	Intersection Capacity
Monitor need for traffic signal	Southgate Dr / King Ave	Long Term (2)	
Inadequate capacity	S Billings Blvd / King Ave	Long Term	
Potential inadequate capacity	S Billings Blvd / I-90 WB ramps	Long Term	
Inadequate capacity	S Billings Blvd / I-90 EB ramps	Long Term	
Inadequate capacity	S Billings Blvd / S Frontage - Midland	Long Term	
Potential platoon deficiency due to signalized double left turn	S Billings Blvd / I-90 WB ramps	Long Term	Ramp Capacity
None identified			Safety
Pedestrian push button accessibility	SW corner of S Billings Blvd / King Ave	Existing	Pedestrian
Guardrail restricts on-street path	NB S Billings Blvd on I-90 bridge	Existing	
Lack of sidewalks except on I-90 bridge	S Billings Blvd	Existing	
None identified			Bicycle
Crossroad and ramp lighting does not meet CIL standards	S Billings Blvd	Short Term	Lighting
I-90 mainline highway lighting does not meet CIL standards	I-90 at S BIllings Blvd	Short Term	

[1] After west leg is open and Billings Operations Center is open
[2] Stop control may be inadequate with significant development along Southgate Drive on north & south sides

POTENTIAL SHORT-TERM CRITICAL FAILURE = May require major interchange reconfiguration or improvement in the short-term

POTENTIAL LONG-TERM CRITICAL FAILURE = May require major interchange reconfiguration or improvement in the long-term

Table 16
Interchange Deficiencies
27th Street Interchange - Exit 450

Deficiency	Location	Time Frame	Category
Skewed intersection	27th St / State Ave	Existing	Geometric
Truck turn movements	27th St / State Ave	Existing	
Truck turn movements	27th St / I-90 WB ramps	Existing	
Truck turn movements	27th St / I-90 EB ramps	Existing	
Intersection sight distance	I-90 EB off-ramp at 27th St	Existing	
Intersection sight distance	I-90 WB off-ramp at 27th St	Existing	
Access Management	State Ave west of 27th St	Existing	
Lack of Advance I-90 Guide Signs between ramps	27th Street / I-90 WB ramps	Existing	Traffic Control
Lack of Advance I-90 Guide Signs between ramps	27th Street / I-90 EB ramps	Existing	
No posted speed limit in NB (or WB) direction	27th Street	Existing	
Lack of lane control signs on mast arm	EB State Ave at 27th St	Existing	
Lack of end of guardrail object marker	SB 27th St north of I-90 WB	Existing	
Lack of signs or markings for lane drop	SB 27th St south of I-90 EB ramps	Existing	
Potential new traffic signal (mostly right turns)	27th St / I-90 WB ramps	Long Term (1)	Traffic Control (Signal)
New traffic signal	27th St / I-90 EB ramps	Long Term	
Coordinated signal system	27th St	Long Term	
Potential inadequate capacity & signal timing updates	27th St / State Ave	Long Term	Intersection Capacity
Consider adding short left turn lane	I-90 WB off-ramp at 27th St	Long Term	
Consider separating lefts from thrus with signal installation	NB 27th St at I-90 WB ramps	Long Term	
Inadequate capacity with stop control	I-90 EB off-ramp at 27th St	Short Term (2)	
Consider adding short right turn lane with signal installation	I-90 EB off-ramp at 27th St	Long Term	
Consider separating lefts from thrus with signal installation	SB 27th St at I-90 EB ramps	Long Term	
Potential platoon deficiency due to new traffic signal	27th St / I-90 WB ramps	Long Term	Ramp Capacity
Potential platoon deficiency due to new traffic signal	27th St / I-90 EB ramps	Long Term	
None identified			Safety
Lack of sidewalks & crosswalks except on I-90 bridge	27th St	Existing	Pedestrian
None identified			Bicycle
Crossroad and ramp lighting does not meet CIL standards	27th St	Long Term	Lighting
I-90 mainline highway lighting does not meet CIL standards	I-90 at 27th St	Long Term	

[1] 2023 hourly forecasts meet MUTCD volume warrants, but adequate ramp right turn capacity may alleviate need for signal
[2] Forecasts only meet MUTCD volume signal warrants in Long Term 2023

POTENTIAL SHORT-TERM CRITICAL FAILURE = May require major interchange reconfiguration or improvement in the short-term

POTENTIAL LONG-TERM CRITICAL FAILURE = May require major interchange reconfiguration or improvement in the long-term

Table 17
Interchange Deficiencies
US 87 Lockwood Interchange - Exit 452

Deficiency	Location	Time Frame	Category
Intersection configuration	US 87 / N Frontage Rd	Existing	Geometric
Skewed intersection	US 87 / I-90 WB off-ramp	Existing	
Skewed intersection	US 87 / I-90 EB off-ramp	Existing	
Narrow lane widths	US 87	Existing	
Truck turn movements	US 87 / N Frontage Rd	Existing	
Truck turn movements at gas station private entrance	SB US 87 just south of N Frontage Rd	Existing	
Truck turn movements	US 87 / I-90 WB on-ramp	Existing	
Truck turn movements	US 87 / I-90 EB on-ramp	Existing	
Truck turn movements	US 87 / Coburn Rd	Long term (1)	
Access management near gas station	US 87 / Coburn Rd	Long term (1)	
Jct I-90 signs before previous intersection	SB US 87 north of N Frontage Rd	Existing	Traffic Control
Lack of lane control signs on mast arm	NB and SB US 87 at N Frontage Rd	Existing	
Lack of lane control signs on mast arm	NB and SB US 87 at I-90 WB ramps	Existing	
Lack of lane control signs on mast arm	NB and SB US 87 at I-90 EB ramps	Existing	
Inappropriate advance turn arrow with route guide signs	facing I-90 WB off-ramp on US 87	Existing	
Lack of intersection lane control signs or markings	EB gas station approach at US 87 / N Frontage Rd	Existing	
New traffic signal	US 87 / Coburn Rd	Long Term	Traffic Control (Signal)
Coordinate N Frontage Rd signal with ramp signals	US 87	Short Term	
Coordinate new Coburn Rd signal with ramp signals	US 87	Long Term	
Signal timing updates	3 existing signals on US 87	Short Term	Intersection Capacity
Inadequate SB right turn storage	N Frontage Rd at US 87	Long Term	
Inadequate capacity	US 87 / I-90 EB ramps	Long Term (1)	
Consider adding NB left turn lane	NB Coburn Rd at US 87	Long Term (1)	
Evaluate proximity of lane drop after Coburn Rd signal installation	SB US 87 S of Coburn Rd	Long Term (1)	
Evaluate proximity of lane add after Coburn Rd signal installation	NB US 87 S of Coburn Rd	Long Term (1)	
Potential platoon deficiency due to signalized double left turn	US 87 / I-90 EB ramps	Long Term	Ramp Capacity
Frequency of left turn accidents	US 87 / N Frontage Rd	Existing	Safety
Frequency of left turn accidents	US 87 / I-90 EB ramps	Existing	
Lack of sidewalks & crosswalks except on I-90 bridge	US 87	Existing	Pedestrian
Lack of pedestrian push buttons at signalized intersections	US 87 at N Frontage Rd, I-90 WB ramps, I-90 EB ramps	Existing	
Lack of crosswalk markings at pedestrian crossing signs	Private gas station leg of US 87 / N Frontage Rd	Existing	
Inadquate shoulder / outside lane width for bicycles	US 87 on bridge over I-90	Existing	Bicycle
Crossroad and ramp lighting does not meet CIL standards	US 87	Long Term	Lighting
I-90 mainline highway lighting does not meet CIL standards	I-90 at US 87	Long Term	

[1] Needed when traffic signal is installed - US 87 / Coburn Rd meets signal warrants in long term 2023

POTENTIAL SHORT-TERM CRITICAL FAILURE = May require major interchange reconfiguration or improvement in the short-term

POTENTIAL LONG-TERM CRITICAL FAILURE = May require major interchange reconfiguration or improvement in the long-term

Table 18
Interchange Deficiencies
Johnson Lane Interchange - Exit 455

Deficiency	Location	Time Frame	Category
Skewed intersection	Johnson Ln / I-90 EB off-ramp	Existing	Geometric
Skewed intersection	Johnson Ln / Old Hardin Rd	Existing	
Narrow lane and paved shoulder widths	Johnson under / near I-90 bridge	Existing	
Taper length	NB Johnson Ln at I-90 WB ramps	Existing	
Truck turn movements	Johnson Ln / N Frontage Rd	Existing	
Truck turn movements	Johnson Ln / I-90 WB on-ramp	Existing	
Truck turn movements	Johnson Ln / I-90 EB on-ramp	Existing	
Truck turn movements	Johnson Ln / Old Hardin Rd	Existing	
Intersection sight distance	I-90 EB off-ramp at Johnson Ln	Existing	
Intersection sight distance	I-90 WB off-ramp at Johnson Ln	Existing	
Vertical clearance	I-90 bridge over Johnson Ln	Existing	
Access management at Flying J service station	Old Hardin Rd west of Johnson Ln	Short Term	
Access management	Johnson Ln south of Old Hardin Rd	Long Term	
Access management at gas station	Old Hardin Rd east of Johnson Ln	Long Term	
Less advance I-90 guide signage than other interchanges	Johnson Ln	Existing	Traffic Control
Lack of left turn lane control signs	Johnson Ln at N Frontage Rd	Existing	
Lack of left turn lane control signs	Johnson Ln at I-90 WB ramps	Existing	
Lack of left turn lane control signs	Johnson Ln at I-90 EB ramps	Existing	
No posted speed limit before limited sight distance intersection	SB Johnson Ln before I-90 EB ramps	Existing	
Lack of end of guardrail object marker	NB & SB Johnson Ln between ramps	Existing	
Monitor need for new traffic signal	Johnson Ln / N Frontage Rd	Long Term (1)	Traffic Control (Signal)
New traffic signal	Johnson Ln / I-90 WB ramps	Long Term	
New traffic signal	Johnson Ln / I-90 EB ramps	Long Term	
Monitor need for new traffic signal	Old Hardin Rd / Becraft Ln	Long Term (1)	
Coordinated signal system	Johnson Ln	Long Term	
Inadequate capacity for stop controlled approach	WB N Frontage Rd at Johnson Ln	Long Term	Intersection Capacity
Inadequate capacity for stop controlled approach	WB I-90 off-ramp at Johnson Ln	Existing	
Potential inadequate left turn storage length	NB Johnson Ln at I-90 WB ramps	Long Term (2)	
Potential inadequate capacity	Johnson Ln / I-90 EB ramps	Long Term	
Potential inadequate capacity	Johnson Ln / Old Hardin Rd	Short Term	
Inadequate capacity	Johnson Ln / Old Hardin Rd	Long Term	
Inadequate capacity for stop controlled approach	NB Becraft Ln at Old Hardin Rd	Long Term	
Potential platoon deficiency due to new traffic signal	Johnson Ln / I-90 WB ramps	Long Term	Ramp Capacity
Potential platoon deficiency due to signalized double left turn	Johnson Ln / I-90 WB ramps	Long Term	
Potential platoon deficiency due to new traffic signal	Johnson Ln / I-90 EB ramps	Long Term	
None identified			Safety
Lack of sidewalks & crosswalks	Johnson Rd	Existing	Pedestrian
Lack of crosswalk & ped push buttons	north leg of Old Hardin Rd at Johnson Ln	Existing	
Inadequate shoulder width for bicycles	Johnson Ln under / near I-90 bridge	Existing	Bicycle
Only one intersection streetlight	Johnson Ln / I-90 WB ramps	Existing (3)	Lighting
Crossroad and ramp lighting does not meet CIL standards	Johnson Ln	Short Term	
I-90 mainline highway lighting does not meet CIL standards	I-90 at Johnson Ln	Short Term	

[1] 2023 projected hourly volumes do not meet MUTCD volume warrants, but stop controlled approaches will operate at poor LOS
[2] After traffic signal is installed
[3] Interchange currently meets MDT volume guidelines for Partial Interchange Lighting (PIL); PIL intersections should have two streetlights

POTENTIAL SHORT-TERM CRITICAL FAILURE = May require major interchange reconfiguration or improvement in the short-term

POTENTIAL LONG-TERM CRITICAL FAILURE = May require major interchange reconfiguration or improvement in the long-term

Appendix 8

Crash Analysis Summary

Mainline Analysis

In March 2011, the Montana Department of Transportation provided crash data for the portion of the Interstate 90 (I-90) corridor from RP 433.0 to RP 457.0. Each crash incident is coded with an individual identification number, and may involve a single vehicle or multiple vehicles.

The portion of I-90 from RP 433.0 to RP 442.3 is defined as rural Interstate by MDT. The remainder of the corridor (RP 442.3 to RP 457.0) is classified as urban Interstate as this section is generally located within the urban limits of Billings[1]. This analysis compares the crash rate, severity index, and severity rate for the I-90 corridor with rural and urban statewide averages for similar facilities.

The crash rate is a measure of the number of crashes in a roadway corridor per million vehicle miles (MVM) travelled. Since a higher number of crashes can generally be expected on roadway corridors with higher traffic volumes, this measurement offers an objective way to compare crash statistics for roadways with varying traffic volumes (which is also described as vehicle exposure). MDT calculates the crash rate as follows:

$$\text{Crash Rate} = \frac{(\text{Total Number of Crashes})}{(\text{Traffic Volume})(\text{Analysis Time Period})(\text{Segment Length})/(1{,}000{,}000\ \text{vehicles})}$$

The severity index is a weighted measure of crashes occurring in a roadway corridor, with fatal crashes and crashes resulting in incapacitating injuries weighted more heavily (using a multiplier of 8) as compared to crashes resulting in less serious injuries (multiplier of 3) or property damage only (multiplier of 1). The severity index is calculated as follows:

$$\text{Severity Index} = \frac{8(\text{Fatal \& Incapacitating Injury}) + 3(\text{Other Injury}) + 1(\text{Property Damage})}{\text{Total Number of Crashes}}$$

Finally, the Severity Rate is a measure of the severity of crashes per million vehicle miles (MVM) travelled and is calculated as follows:

$$\text{Severity Rate} = (\text{Crash Rate})(\text{Severity Index})$$

MDT calculated these rates independently over the rural and urban portions of the corridor for the period from January 1, 2006 through December 31, 2010. Statewide average rates for rural and urban roadways during the period 2006 to 2010 were used as a baseline for this analysis.

[1] Note: Urban areas are defined as cities with a population greater than 5,000 at the time of the 2000 Census.

As shown in Table 1, the all-vehicle crash rate for the rural portion of the I-90 corridor (from RP 433.0 to RP 442.3) over the period January 1, 2006 through December 31, 2010 was approximately 3% less than the statewide average crash rate for rural Interstate system routes. Over this same period, the observed I-90 corridor all-vehicle severity index and severity rate were also lower than the statewide average for similar rural facilities by approximately 3% and 5%, respectively. A total of 329 crashes occurred within the rural portion of the I-90 corridor from 2006 to 2010. As a result of these crashes, 130 injuries and 1 fatality occurred in this portion of the corridor during the analysis period.

Table 1 Crash History Comparison
Rural Interstate Statewide Average vs. Rural Portion of I-90 Corridor

Criteria	Statewide Average for Rural Interstate (2006 – 2010)	I-90 Corridor RP 433.0 – 442.3 (2006 – 2010)	Comparison of I-90 Corridor to Statewide Average
Crash Rate (All Vehicles)	0.92	0.89	3% lower
Severity Index (All Vehicles)	1.86	1.81	3% lower
Severity Rate (All Vehicles)	1.70	1.61	5% lower

Source: Montana Department of Transportation, 2011.

MDT's 2010 Comprehensive Highway Safety Plan Annual Update identified the portion of I-90 from RP 426.9 to RP 445.5 as a Rural High Crash Severity Corridor (See Figure 1 at the end of this summary).

Table 2 presents data for the urban portion of the I-90 corridor. As shown in Table 2, the all-vehicle crash rate for the urban portion of the Interstate 90 (I-90) corridor (from RP 442.3 to RP 457.0) over the period January 1, 2006 through December 31, 2010 was 19% lower than the statewide average crash rate for urban Interstate system routes. Over this same period, the observed I-90 corridor all-vehicle severity index was approximately 6% higher than the statewide average, while the all-vehicle severity rate was approximately 14% lower than the statewide average. A total of 580 crashes occurred within the urban portion of the I-90 corridor from 2006 to 2010. As a result of these crashes, 221 injuries and 13 fatalities occurred in this portion of the corridor during the analysis period.

Table 2 Crash History Comparison
Urban Interstate Statewide Average vs. Urban Portion of I-90 Corridor

Criteria	Statewide Average for Urban Interstate (2006 – 2010)	I-90 Corridor RP 442.3 – 457.0 (2006 – 2010)	Comparison of I-90 Corridor to Statewide Average
Crash Rate (All Vehicles)	1.18	0.96	19% lower
Severity Index (All Vehicles)	1.79	1.90	6% higher
Severity Rate (All Vehicles)	2.11	1.82	14% lower

Source: Montana Department of Transportation, 2011.

Tables 6 to 14 at the end of this summary list characteristics of crashes occurring in the corridor. With regard to collision type, a majority of crashes in the corridor (508 out of 909 total crashes, or 56%) were classified as "other." Characteristics for crashes classified as "other" are listed in Tables 15 to 22 at the end of this summary. Based on these characteristics, it appears that crashes classified as "other" generally were single vehicle incidents occurring on the mainline during daylight conditions, with a sizeable number (43%) of these vehicles running off the road. Nearly half of the crashes classified as "other" occurred during poor road conditions (ice, snow or slush, or wet conditions).

The combined number of rear-end collisions and sideswipe collisions from the same direction accounted for 34% (312 out of 909) of all crashes in the corridor. Of the 90 sideswipe crashes in the same direction, 46 crashes (51%) occurred in the eastbound lanes and 41 crashes (46%) occurred in the westbound lanes; vehicle direction was not noted for the remaining 3 crashes in this category. Of the 222 rear-end crashes, 93 crashes (42%) occurred in the eastbound lanes and 129 crashes (58%) occurred in the westbound lanes.

Nearly half of all crashes in the corridor (48%, or 434 out of 909) occurred under clear conditions and 61% (or 555 out of 909) occurred under dry conditions. Speed was identified as a factor in 15% (135 out of 909) of all crashes in the analysis period in the corridor. The half-mile stretch with the highest percentage of speed-related crashes occurred from RP 455.0 to RP 455.5 located between the eastbound and westbound on/off ramps for the Johnson Lane Interchange, with 9 out of 19 crashes or 47% attributed to speed. The majority of all speed-related crashes within the study area (70%, or 97 out of 138) occurred just before or after interchanges.

The majority of crashes involving a fatality (13 out of 14, or 93%) occurred just before or after interchanges. The half-mile stretch with the highest number of fatal crashes (3 out of the 14 fatal crashes) occurred from RP 443.0 to RP 443.5 located just west of the eastbound off ramp and westbound on ramp at the Shiloh Road Interchange.

Segment Analysis

Table 3 presents the crash rate and severity rate for each corridor segment in comparison to statewide average and corridor-wide rates. As noted previously, MDT provided statewide average and corridor-wide crash rates and severity rates. Crash rates and severity rates for individual segments were calculated using traffic volumes published in MDT's Traffic by Sections (TBS) annual reports. For the purposes of this crash/severity rate analysis, segments were defined based on limits listed in the TBS reports. In some cases, these limits do not exactly match the segment definitions used in the remainder of the study.

The crash rate and severity rate for Segment 4 exceeded corridor-wide and statewide average rates; rates for all other segments fell below these thresholds.

Table 3 Crash Rate and Severity Rate Comparison
Statewide Average and I-90 Corridor vs. I-90 Corridor Segments (2006 – 2010)

Segment [1]			Crash Rate		Severity Rate	
			Statewide Average (I-90 Corridor Average) [2]	I-90 Segment [1]	Statewide Average (I-90 Corridor Average) [2]	I-90 Segment [1]
Rural	1	**Laurel to Mossmain** (RP 434.0 to RP 437.5)	0.92 (0.89)	0.90	1.70 (1.61)	1.53
Rural	2	**Mossmain to Shiloh** (RP 437.5 to RP 442.2)		0.69		1.37
Urban	3	**Shiloh to West Billings** (RP 442.2 to RP 446.0)	1.18 (0.96)	0.70	2.11 (1.82)	1.38
Urban	4	**West Billings to South Billings Boulevard** (RP 446.0 to RP 447.2)		2.86		6.13
Urban	5	**South Billings Boulevard to South 27th Street** (RP 447.2 to RP 450.1)		0.61		1.08
Urban	6	**South 27th Street to Lockwood** (RP 450.1 to RP 452.9)		1.13		1.93
Urban	7	**Lockwood to Johnson Lane** (RP 452.9 to 455.3)		0.58		1.08
Urban	8	**Johnson Lane to Pinehills** (RP 455.3 to 456.6)		0.72		1.31

Source: MDT, 2011; DOWL HKM, 2011.
Note: For the purpose of crash and severity rate calculations, AADT values were calculated using average of 2006 through 2009 TBS volumes weighted according to TBS segment length. 2010 TBS volumes were not available at the time of the analysis; accordingly, the 2009 volume was used twice in crash and severity rate calculations.
Shaded cell indicates segment exceeding statewide average and corridor-wide rates.
[1] For the crash and severity rate analysis, segments were defined using TBS limits; segment limits for crash/severity rate calculations do not exactly match segment definitions used in the remainder of the study.
[2] As defined by MDT in rural and urban rate calculation, rural portion of corridor extends from RP 433.0 to RP 442.3; urban portion of corridor extends from RP 442.3 to RP 457.0.

Figure 2 at the end of this summary illustrates the crash and severity rates for segments in the corridor, and Figures 3 and 4 illustrate the number of crashes per segment and the number of crashes per mile in each segment.

Half-Mile Analysis

In addition to crash rate and severity rate, this analysis also examined crash frequency (or the number of crashes occurring over a specified time period).

The average number of crashes within a half-mile stretch of the corridor over the five-year analysis period was 18.9, with a standard deviation of 16.9. The standard deviation is a measure of the size of a typical difference between an observed outcome (i.e., the number of crashes in an individual half-mile stretch) and an expected value (i.e., the corridor average). A large standard deviation indicates that data points are spread out over a range of values, while a small standard deviation indicates that data points are close in value to the average. Some variation in data is common; notable data points generally fall more than 1 standard deviation outside the average.

As listed in Table 4, the 5 highest deviations from the corridor average are generally located just before and after interchanges. The relatively high number of crashes occurring around these interchanges may be attributed to higher turbulence from merging and diverging vehicles, which results from a higher rate of lane-changing than is normally present on ramp-free portions of Interstate.[2] The number of crashes in each of these lengths of the corridor is more than 1 standard deviation above the corridor average for a half-mile stretch. The half-mile stretch located in Segment 4 is the farthest outlier at more than 5 standard deviations above the corridor average. Within this half-mile stretch, 87 crashes occurred in a single discrete location (RP 446.0158); the number of crashes at this location alone is 4 standard deviations above the corridor average for a half-mile stretch. Under normal data distribution, approximately 99.7% of all data falls within 3 standard deviations from the average, suggesting that this location is experiencing a substantially higher than normal number of crashes when compared to the corridor overall.

Table 4 Highest Number of Crashes within Half-Mile Stretches

Segment	Half-Mile Stretch	Location in Relation to Interchange Within Half-Mile Stretch	Number of Crashes	Standard Deviations Above Corridor Average
1	RP 434.0 to RP 434.5	Between Laurel Interchange Eastbound and Westbound On/Off Ramps	51	1.90
4	RP 446.0 to RP 446.5	Between Eastbound On and Westbound Off Ramps at the West Billings Interchange	106	5.15
5	RP 447.0 to RP 447.5	Between South Billings Boulevard Interchange Eastbound and Westbound On/Off Ramps	44	1.49
6	RP 452.0 to RP 452.5	West of Eastbound Off and Westbound On Ramps at the Lockwood Interchange	38	1.13
6	RP 452.5 to RP 453.0	Between Lockwood Interchange Eastbound and Westbound On/Off Ramps	54	2.08

Source: MDT, 2011; DOWL HKM, 2011.

[2] Highway Capacity Manual 2010, page 13-3.

Table 4 and Figure 5 (at the end of this summary) present the five half-mile stretches with the highest number of crashes in the corridor.

The half-mile stretch from RP 446.0 to 446.5 contains the highest number of crashes in the corridor and is also located in the segment with the highest crash rate and severity rate in the corridor. This half-mile stretch was further analyzed to identify trends in types of accidents and contributing factors.

Segment 4: RP 446.0 to RP 446.5

A total of 106 crashes were reported over the half-mile stretch from RP 446.0 to RP 446.5 located between the eastbound on and westbound off ramps at the West Billings Interchange, representing more than 5 standard deviations above the average number of crashes for a half-mile stretch in this corridor. The relatively high number of crashes in this half-mile stretch could be associated with of the complexity of this interchange in comparison to other interchanges in the corridor. The West Billings Interchange has a total of 4 freeway on/off ramps and 6 minor internal ramps, while all other interchanges in the corridor are less complex with a total of 4 ramps. The higher number of ramps at the West Billings Interchange adds to the complexity of the weaving and merging patterns that occur over this half-mile stretch, which may influence the number of crashes in this location.

Characteristics for crashes in this half-mile stretch are listed in Tables 23 to 31 at the end of this summary. Based on these characteristics, it appears that most crashes in the half-mile stretch from RP 446.0 to RP 446.5 generally were incidents involving two vehicles that occurred on the roadway during dry, clear, daylight conditions in or near an intersection or interchange.

The majority of crashes in this half-mile stretch (58 of 106, or 55%) were classified as rear-end collisions. As noted previously, a higher percentage of rear-end collisions may be related to the complexity of the West Billings Interchange and the associated weaving and merging maneuvers. Vehicles approaching an exit or entering the Interstate often do so at speeds lower than the flow of traffic, which coupled with inattentive drivers or vehicles traveling too closely to other vehicles may lead to higher frequency of rear-end collisions than would otherwise occur over uninterrupted stretches of the Interstate.

Animal-Vehicle Conflicts

Over the five-year analysis, 46 crashes involved wild animals (approximately two per mile or nine per year) and 37 animal carcasses were retrieved by maintenance personnel. Crash and animal carcass data reflect relatively even distribution of animal conflicts throughout the corridor.

Laurel Interchange Analysis – Ramp Intersections

The types of collisions occurring at the two Laurel Interchange ramp intersections were analyzed to identify trends in these locations and to supplement the *Billings I-90 Interchanges Project* report completed in 2006. As noted in Table 5, rear-end collisions occurred most frequently (5 out of 13, or 38% of all crashes). The westbound off ramp termini and the westbound on ramp entrance is a signalized intersection. The relatively high number of right angle and left turn crashes may indicate that signal phasing modifications or other mitigation measures may be needed at this intersection.

Table 5 Laurel Interchange Intersections

Collision Type	Number of Crashes	Percentage of Total Crashes in Half-Mile Stretch
Left Turn, Opposite Direction	2	15%
Rear-End	5	38%
Right Angle	4	31%
Sideswipe, Same Direction	1	8%
Other	1	8%
Total	13	100%

Source: MDT, 2011; DOWL HKM, 2011.

Mossmain Interchange Analysis – Ramp Intersections

Only 1 crash was reported at the four Mossmain Interchange ramp intersections; all other crashes occurring near the Mossmain Interchange during the analysis period were coded as occurring on the I-90 mainline. Accordingly, no trends were identified at these intersections.

Characteristics of Corridor Crashes (RP 433.0 to RP 457.0)

Table 6 Collision Type

Collision Type	Number of Crashes	Percent of Total Crashes
Head On	9	1%
Left Turn, Opposite Direction	14	2%
Left Turn, Same Direction	1	0%
Other	508	56%
Not Classified	3	0%
Rear-End	222	24%
Right Angle	55	6%
Right Turn, Same Direction	1	0%
Sideswipe, Opposite Direction	6	0%
Sideswipe, Same Direction	90	10%
Total	909	100%

Table 7 Roadway Relation

Roadway Relation	Number of Crashes	Percent of Total Crashes
Gore	12	13%
Median	53	6%
Off Roadway – Location Unknown	2	0%
On Roadway	508	56%
Outside Shoulder - Left	30	6%
Outside Shoulder - Right	98	19%
Shoulder	52	6%
Unknown	154	17%
Total	909	100%

Table 8 Number of Vehicles

Number of Vehicles Involved in Crash	Number of Crashes	Percent of Total Crashes
1	493	54%
2	377	42%
3	32	4%
4	6	0%
5	1	0%
Total	909	100%

Table 9 Junction Relation

Junction Relation	Number of Crashes	Percent of Total Crashes
In Driveway Access	1	0%
In Intersection	59	7%
Interchange (in or related)	142	16%
Intersection Related	76	8%
Non Junction	631	69%
Total	909	100%

Table 10 Weather Condition

Weather Condition	Number of Crashes	Percent of Total Crashes
Blowing Snow	22	2%
Clear	434	48%
Cloudy	272	30%
Rain	20	2%
Sleet/Hail/Freezing Rain/Drizzle	18	2%
Snow	142	16%
Unknown	1	0%
Total	909	100%

Table 11 Road Condition

Road Condition	Number of Crashes	Percent of Total Crashes
Dry	555	61%
Ice	192	21%
Loose Gravel	1	0%
Other / Unknown	3	0%
Sand / Mud / Dirt / Oil	1	0%
Snow / Slush	104	11%
Wet	53	6%
Total	909	100%

Table 12 Light Condition

Light Condition	Number of Crashes	Percent of Total Crashes
Dark – Lighted	81	9%
Dark – Not Lighted	182	20%
Dawn	13	1%
Daylight	619	68%
Dusk	14	2%
Total	909	100%

Table 13 Contributing Circumstances

Contributing Circumstance	Number of Crashes	Percent of Total Crashes
Speed Related	135	15%
Weather Related	107	12%
Alcohol / Drug Influence	63	7%
Careless / Inattentive Driving	295	32%
Total	NA*	NA*

*More than one contributing circumstance per crash.

Table 14 Direction

Direction	Number of Crashes	Percent of Total Crashes
EB	426	47%
WB	468	52%
Unknown	15	17%
Total	909	100%

Characteristics of Crashes Classified as "Other" (RP 433.0 to RP 457.0)

Table 15 Roadway Relation

Roadway Relation		Number of Crashes		Percent of Total Crashes	
Gore		12		2%	
On Roadway		176		35%	
Unknown		100		20%	
"Run-off-the-Road"	**Median**	51	220	10%	43%
	Outside Shoulder - Left	29		6%	
	Outside Shoulder - Right	93		18%	
	Shoulder	45		9%	
	Off Roadway – Location Unknown	2		0%	
Total		508		100%	

Table 16 Direction

Direction	Number of Crashes	Percent of Total Crashes
EB	242	48%
WB	257	51%
Unknown	9	2%
Total	508	100%

Table 17 Number of Vehicles

Number of Vehicles Involved in Crash	Number of Crashes	Percent of Total Crashes
1	487	96%
2	20	4%
3	1	0%
Total	508	100%

Table 18 Junction Relation

Junction Relation	Number of Crashes	Percent of Total Crashes
In Intersection	6	1%
Interchange (in or related)	44	9%
Intersection Related	13	3%
Non Junction	444	87
In Driveway Access	1	0%
Total	508	100%

Table 19 Weather Condition

Weather Condition		Number of Crashes		Percent of Total Crashes	
Clear		211		42%	
Unknown		1		0%	
Cloudy		159		31%	
Poor Weather Conditions	**Rain**	9	137	2%	27%
	Sleet/Hail/Freezing Rain/Drizzle	7		1%	
	Blowing Snow or Snow	121		24%	
Total		508		100%	

Table 20 Road Condition

Road Condition		Number of Crashes		Percent of Total Crashes	
Dry		277		55%	
Unknown		1		0%	
Poor Road Conditions	**Ice**	132	230	26%	45%
	Snow or Slush	74		15%	
	Wet	24		5%	
Total		508		100%	

Table 21 Light Condition

Light Condition	Number of Crashes	Percent of Total Crashes
Daylight	301	59%
Dark – Lighted	47	9%
Dark – Not Lighted	139	27%
Dawn	12	2%
Dusk	9	2%
Total	508	100%

Table 22 Contributing Circumstances

Contributing Circumstance	Number of Crashes	Percent of Total Crashes
Speed Related	93	18%
Weather Related	82	16%
Alcohol / Drug Influence	46	9%
Careless / Inattentive Driving	115	23%
Total	NA*	NA*

*More than one contributing circumstance per crash.

Characteristics of Crashes from RP 446.0 to RP 446.5 (Segment 4)

Table 23 Collision Type

Collision Type	Number of Crashes	Percent of Total Crashes
Left Turn, Opposite Direction	5	5%
Rear-End	58	55%
Right Angle	12	11%
Sideswipe, Opposite Direction	2	2%
Sideswipe, Same Direction	5	5%
Other	24	23%
Total	106	100%

Table 24 Roadway Relation

Roadway Relation	Number of Crashes	Percent of Total Crashes
On Roadway	89	84%
Unknown	3	3%
Median	2	2%
Outside Shoulder - Left	2	2%
Outside Shoulder - Right	1	0%
Shoulder	9	9%
Total	106	100%

Table 25 Number of Vehicles

Number of Vehicles Involved in Crash	Number of Crashes	Percent of Total Crashes
1	25	24%
2	77	73%
3	3	3%
4	1	0%
Total	106	100%

Table 26 Junction Relation

Junction Relation	Number of Crashes	Percent of Total Crashes
In Intersection	21	20%
Interchange (in or related)	44	42%
Intersection Related	15	14%
Non Junction	26	25%
Total	106	100%

Table 27 Weather Condition

Weather Condition	Number of Crashes	Percent of Total Crashes
Dry	60	57%
Unknown	1	0%
Cloudy	33	31%
Rain	3	3%
Sleet/Hail/Freezing Rain/Drizzle	4	4%
Snow	5	5%
Total	106	100%

Table 28 Road Condition

Road Condition	Number of Crashes	Percent of Total Crashes
Dry	76	72%
Unknown	2	2%
Ice	12	11%
Loose Gravel	1	1%
Snow / Slush	3	3%
Wet	12	11%
Total	106	100%

Table 29 Light Condition

Light Condition	Number of Crashes	Percent of Total Crashes
Daylight	83	78%
Dark – Lighted	15	14%
Dark – Not Lighted	7	7%
Dusk	1	1%
Total	106	100%

Table 30 Contributing Circumstances

Contributing Circumstance	Number of Crashes	Percent of Total Crashes
Speed Related	9	9%
Weather Related	9	9%
Alcohol / Drug Influence	6	6%
Careless / Inattentive Driving	62	59%
Total	NA*	NA*

*More than one contributing circumstance per crash.

Table 31 Direction

Direction	Number of Crashes	Percent of Total Crashes
EB	69	37%
WB	66	62%
Unknown	1	1%
Total	106	100%

Figure 1 Rural High Crash Severity Corridors

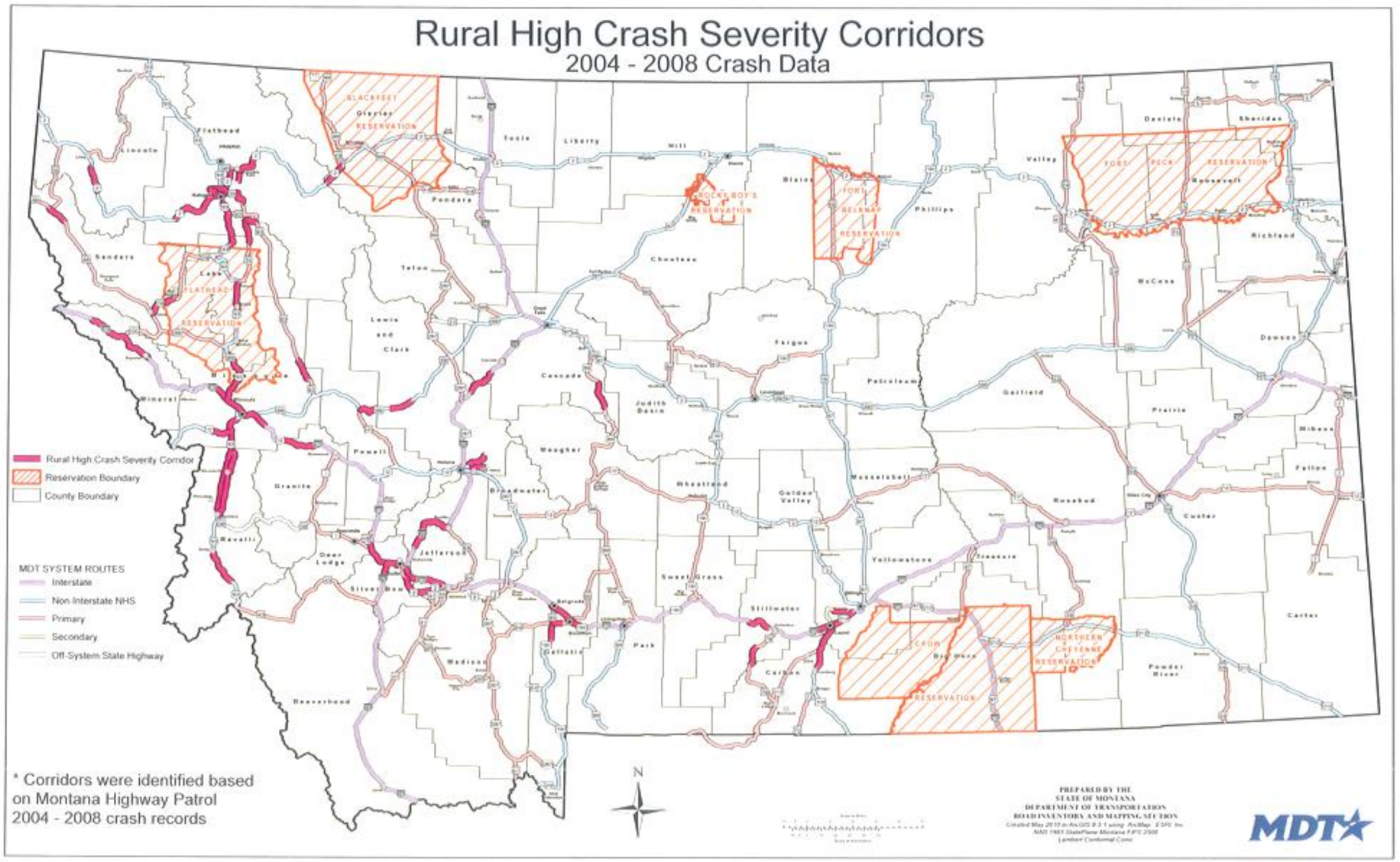
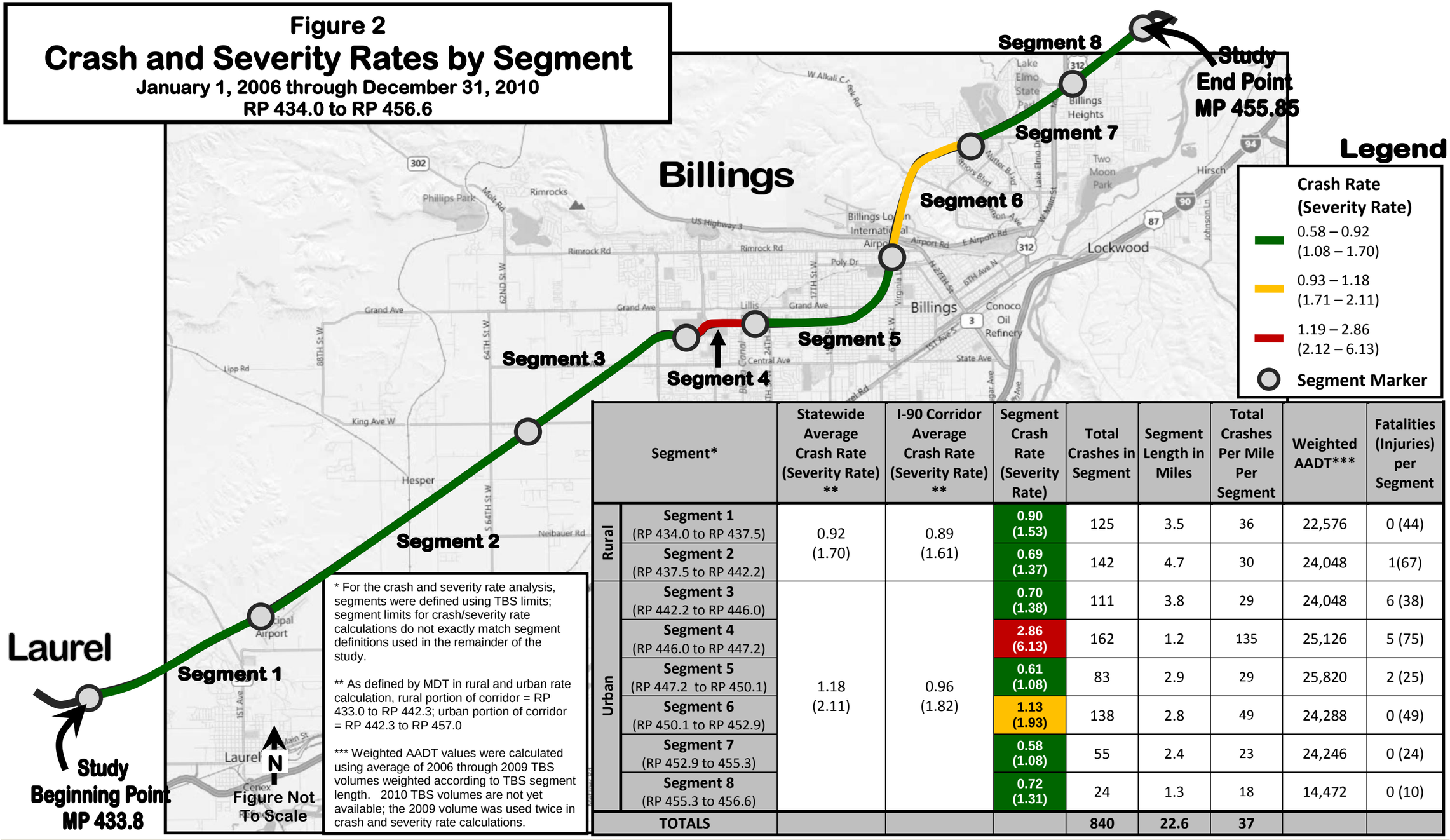


Figure 2
Crash and Severity Rates by Segment
January 1, 2006 through December 31, 2010
RP 434.0 to RP 456.6



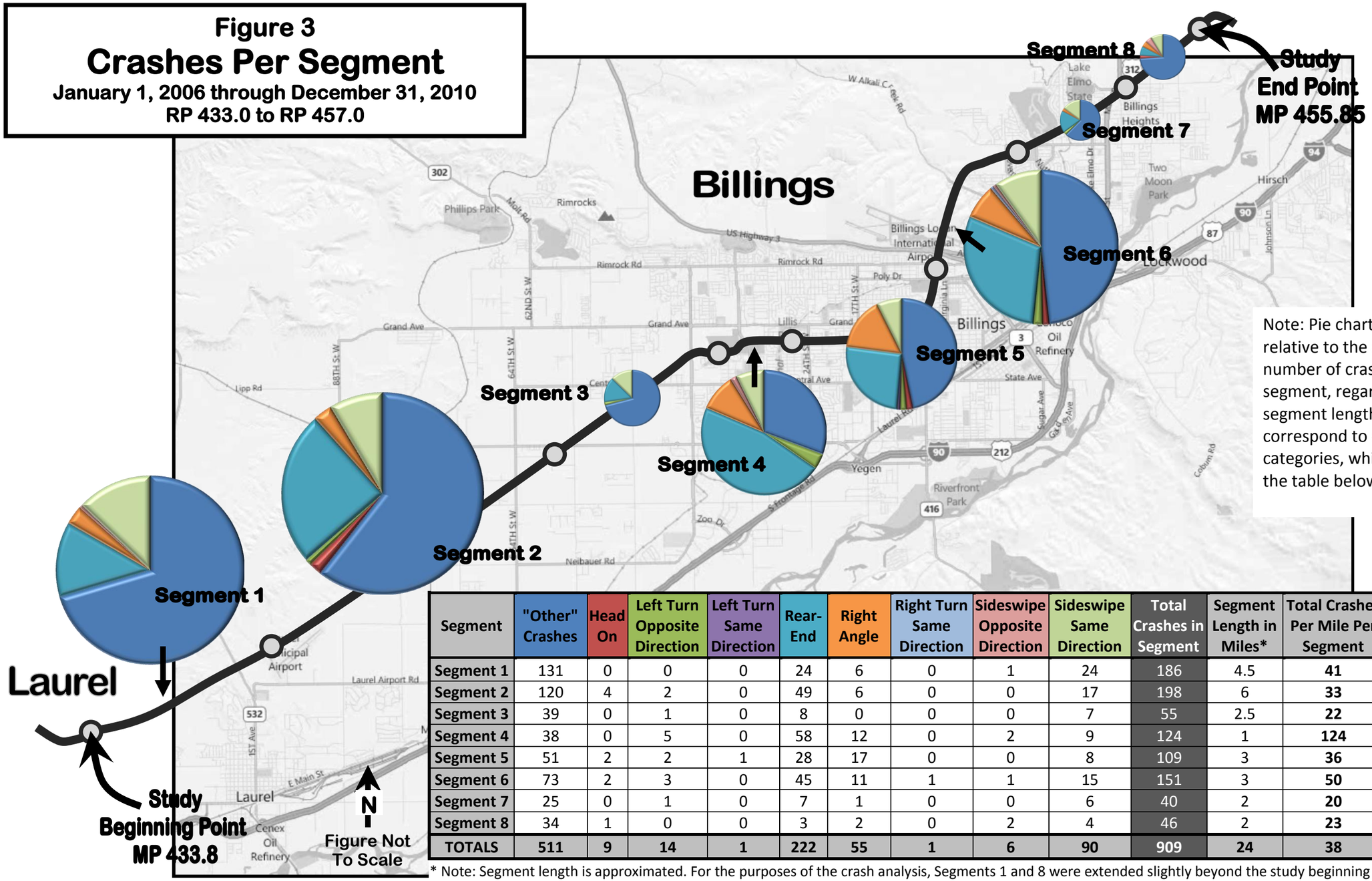
	Segment*	Statewide Average Crash Rate (Severity Rate) **	I-90 Corridor Average Crash Rate (Severity Rate) **	Segment Crash Rate (Severity Rate)	Total Crashes in Segment	Segment Length in Miles	Total Crashes Per Mile Per Segment	Weighted AADT***	Fatalities (Injuries) per Segment
Rural	Segment 1 (RP 434.0 to RP 437.5)	0.92 (1.70)	0.89 (1.61)	0.90 (1.53)	125	3.5	36	22,576	0 (44)
Rural	Segment 2 (RP 437.5 to RP 442.2)			0.69 (1.37)	142	4.7	30	24,048	1(67)
Urban	Segment 3 (RP 442.2 to RP 446.0)	1.18 (2.11)	0.96 (1.82)	0.70 (1.38)	111	3.8	29	24,048	6 (38)
Urban	Segment 4 (RP 446.0 to RP 447.2)			2.86 (6.13)	162	1.2	135	25,126	5 (75)
Urban	Segment 5 (RP 447.2 to RP 450.1)			0.61 (1.08)	83	2.9	29	25,820	2 (25)
Urban	Segment 6 (RP 450.1 to RP 452.9)			1.13 (1.93)	138	2.8	49	24,288	0 (49)
Urban	Segment 7 (RP 452.9 to 455.3)			0.58 (1.08)	55	2.4	23	24,246	0 (24)
Urban	Segment 8 (RP 455.3 to 456.6)			0.72 (1.31)	24	1.3	18	14,472	0 (10)
	TOTALS				840	22.6	37		

* For the crash and severity rate analysis, segments were defined using TBS limits; segment limits for crash/severity rate calculations do not exactly match segment definitions used in the remainder of the study.

** As defined by MDT in rural and urban rate calculation, rural portion of corridor = RP 433.0 to RP 442.3; urban portion of corridor = RP 442.3 to RP 457.0

*** Weighted AADT values were calculated using average of 2006 through 2009 TBS volumes weighted according to TBS segment length. 2010 TBS volumes are not yet available; the 2009 volume was used twice in crash and severity rate calculations.

Figure 3
Crashes Per Segment
January 1, 2006 through December 31, 2010
RP 433.0 to RP 457.0



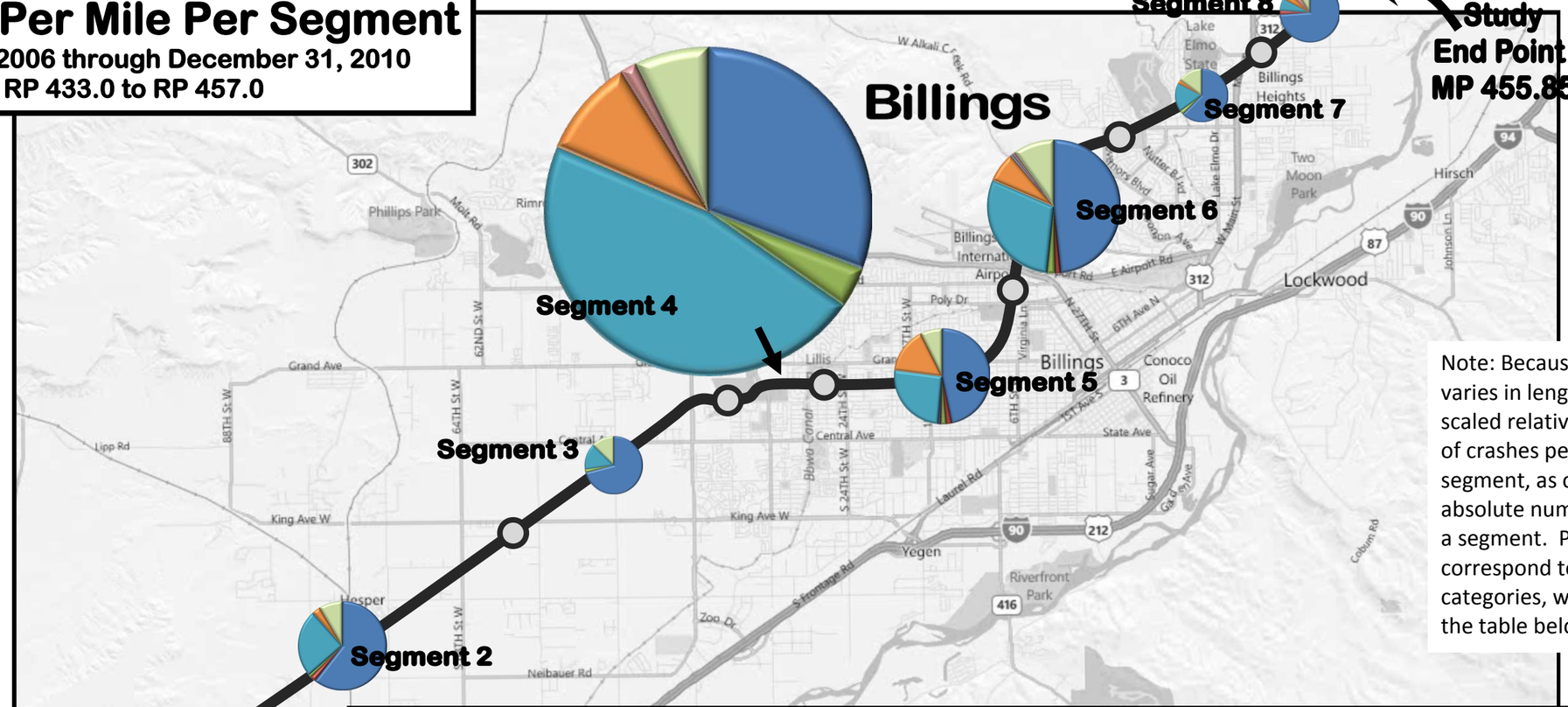
Note: Pie charts are scaled relative to the absolute number of crashes in each segment, regardless of segment length. Pie slices correspond to collision type categories, which are listed in the table below.

Legend

Segment	"Other" Crashes	Head On	Left Turn Opposite Direction	Left Turn Same Direction	Rear-End	Right Angle	Right Turn Same Direction	Sideswipe Opposite Direction	Sideswipe Same Direction	Total Crashes in Segment	Segment Length in Miles*	Total Crashes Per Mile Per Segment	Total Fatalities	Total Injuries
Segment 1	131	0	0	0	24	6	0	1	24	186	4.5	**41**	0	60
Segment 2	120	4	2	0	49	6	0	0	17	198	6	**33**	5	81
Segment 3	39	0	1	0	8	0	0	0	7	55	2.5	**22**	2	24
Segment 4	38	0	5	0	58	12	0	2	9	124	1	**124**	4	59
Segment 5	51	2	2	1	28	17	0	0	8	109	3	**36**	3	38
Segment 6	73	2	3	0	45	11	1	1	15	151	3	**50**	0	52
Segment 7	25	0	1	0	7	1	0	0	6	40	2	**20**	0	17
Segment 8	34	1	0	0	3	2	0	2	4	46	2	**23**	0	20
TOTALS	**511**	**9**	**14**	**1**	**222**	**55**	**1**	**6**	**90**	**909**	**24**	**38**	**14**	**351**

* Note: Segment length is approximated. For the purposes of the crash analysis, Segments 1 and 8 were extended slightly beyond the study beginning and end points.

Figure 4
Crashes Per Mile Per Segment
January 1, 2006 through December 31, 2010
RP 433.0 to RP 457.0



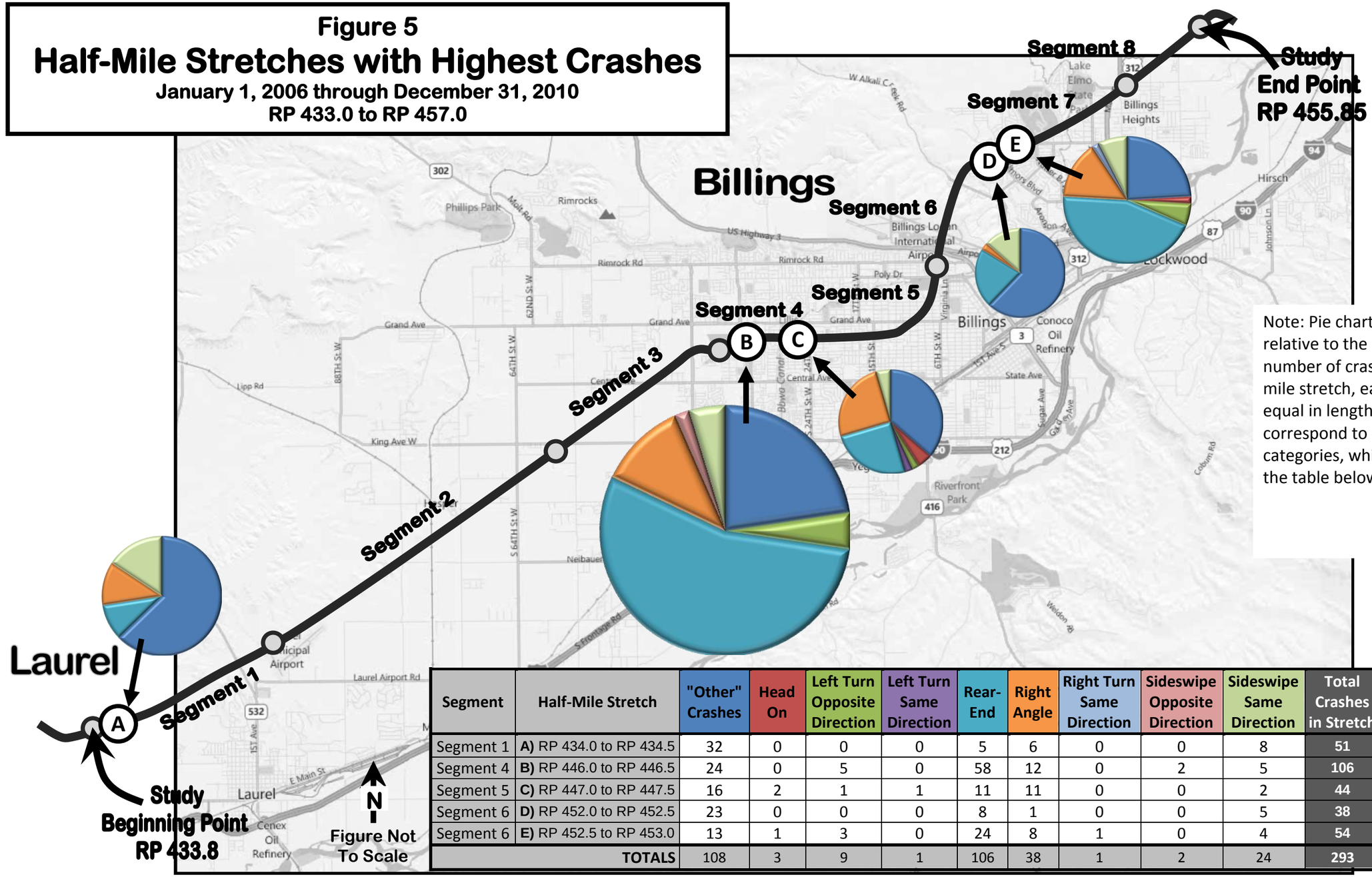
Note: Because each segment varies in length, pie charts are scaled relative to the number of crashes per mile in each segment, as opposed to the absolute number of crashes in a segment. Pie slices correspond to collision type categories, which are listed in the table below.

Legend

Segment	"Other" Crashes	Head On	Left Turn Opposite Direction	Left Turn Same Direction	Rear-End	Right Angle	Right Turn Same Direction	Sideswipe Opposite Direction	Sideswipe Same Direction	Total Crashes in Segment	Segment Length in Miles*	Total Crashes Per Mile Per Segment	Total Fatalities	Total Injuries
Segment 1	131	0	0	0	24	6	0	1	24	186	4.5	41	0	60
Segment 2	120	4	2	0	49	6	0	0	17	198	6	33	5	81
Segment 3	39	0	1	0	8	0	0	0	7	55	2.5	22	2	24
Segment 4	38	0	5	0	58	12	0	2	9	124	1	124	4	59
Segment 5	51	2	2	1	28	17	0	0	8	109	3	36	3	38
Segment 6	73	2	3	0	45	11	1	1	15	151	3	50	0	52
Segment 7	25	0	1	0	7	1	0	0	6	40	2	20	0	17
Segment 8	34	1	0	0	3	2	0	2	4	46	2	23	0	20
TOTALS	511	9	14	1	222	55	1	6	90	909	24	38	14	351

* Note: Segment length is approximated. For the purposes of the crash analysis, Segments 1 and 8 were extended slightly beyond the study beginning and end points.

Figure 5
Half-Mile Stretches with Highest Crashes
January 1, 2006 through December 31, 2010
RP 433.0 to RP 457.0



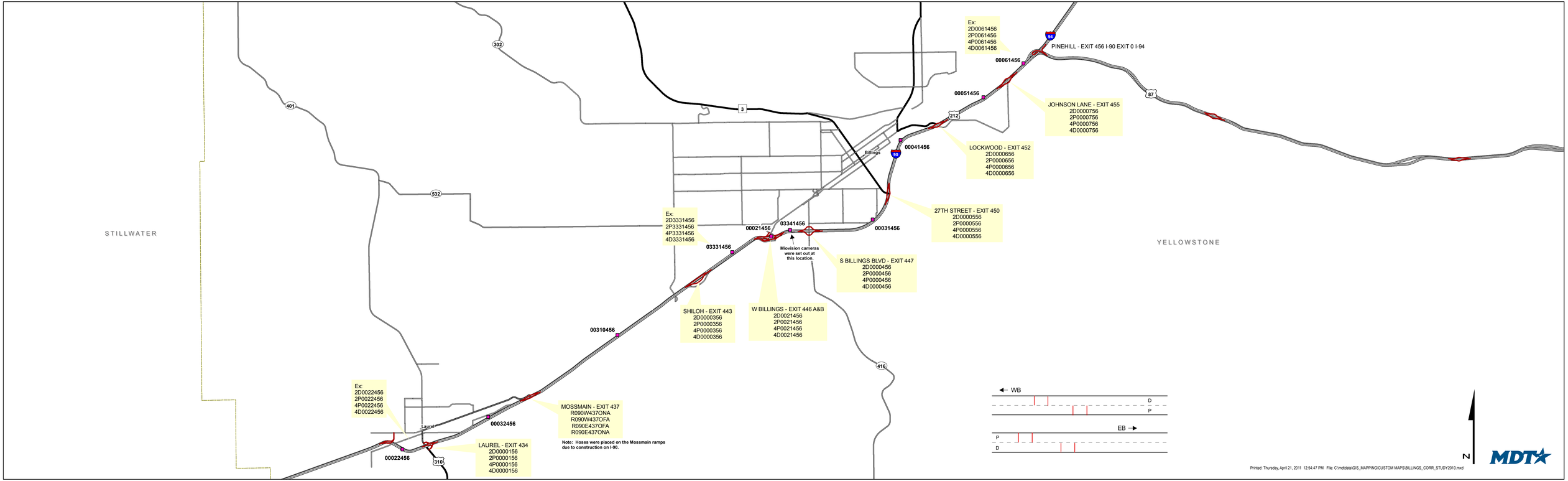
Note: Pie charts are scaled relative to the absolute number of crashes in each half-mile stretch, each of which are equal in length. Pie slices correspond to collision type categories, which are listed in the table below.

Legend

Segment	Half-Mile Stretch	"Other" Crashes	Head On	Left Turn Opposite Direction	Left Turn Same Direction	Rear-End	Right Angle	Right Turn Same Direction	Sideswipe Opposite Direction	Sideswipe Same Direction	Total Crashes in Stretch	Total Fatalities	Total Injuries
Segment 1	**A)** RP 434.0 to RP 434.5	32	0	0	0	5	6	0	0	8	51	0	9
Segment 4	**B)** RP 446.0 to RP 446.5	24	0	5	0	58	12	0	2	5	106	2	50
Segment 5	**C)** RP 447.0 to RP 447.5	16	2	1	1	11	11	0	0	2	44	1	16
Segment 6	**D)** RP 452.0 to RP 452.5	23	0	0	0	8	1	0	0	5	38	0	6
Segment 6	**E)** RP 452.5 to RP 453.0	13	1	3	0	24	8	1	0	4	54	0	25
	TOTALS	108	3	9	1	106	38	1	2	24	293	3	106

Appendix 9

Raw Field Count Data


STILLWATER
YELLOWSTONE
Billings
Laurel
302
401
532
3
212
87
416
310
90
94
Ex:
2D0061456
2P0061456
4P0061456
4D0061456
00061456
PINEHILL - EXIT 456 I-90 EXIT 0 I-94
00051456
JOHNSON LANE - EXIT 455
2D0000756
2P0000756
4P0000756
4D0000756
00041456
LOCKWOOD - EXIT 452
2D0000656
2P0000656
4P0000656
4D0000656
27TH STREET - EXIT 450
2D0000556
2P0000556
4P0000556
4D0000556
00031456
03341456
Miovision cameras were set out at this location.
S BILLINGS BLVD - EXIT 447
2D0000456
2P0000456
4P0000456
4D0000456
00021456
W BILLINGS - EXIT 446 A&B
2D0021456
2P0021456
4P0021456
4D0021456
Ex:
2D3331456
2P3331456
4P3331456
4D3331456
03331456
SHILOH - EXIT 443
2D0000356
2P0000356
4P0000356
4D0000356
00310456
MOSSMAIN - EXIT 437
R090W437ONA
R090W437OFA
R090E437OFA
R090E437ONA
Note: Hoses were placed on the Mossmain ramps due to construction on I-90.
00032456
Ex:
2D0022456
2P0022456
4P0022456
4D0022456
00022456
LAUREL - EXIT 434
2D0000156
2P0000156
4P0000156
4D0000156
WB
D
P
EB
P
D
N
MDT
Printed: Thursday, April 21, 2011 12:54:47 PM File: C:\mdtdata\GIS_MAPPING\CUSTOM MAPS\BILLINGS_CORR_STUDY2010.mxd

Basic Axle Classification Report: 2D0022456

Station ID : 2D0022456
Info Line 1 : EB 434 DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 2D0022456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11458
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 10:15 - 04/11/2011 To: 08:44 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	10:15	1	33	10	0	1	0	0	1	2	0	0	0	1	0	49
Mon	10:30	1	40	29	1	2	0	1	1	3	0	0	0	0	0	78
	10:45	0	32	29	0	0	1	0	0	11	0	0	0	1	0	74
	11:00	2	39	18	0	0	0	0	0	7	0	0	0	1	0	67
	11:15	0	32	23	0	2	0	0	1	4	2	0	0	1	0	65
	11:30	1	38	28	0	0	0	0	0	8	1	0	0	0	0	76
	11:45	0	35	17	0	1	0	0	1	6	0	0	0	2	0	62
	12:00	0	25	29	1	0	0	0	0	4	1	0	0	2	2	64
	12:15	0	18	21	0	0	0	0	0	9	1	0	1	3	1	54
	12:30	0	17	29	0	0	2	0	1	5	2	0	0	3	0	59
	12:45	0	37	19	0	0	0	0	0	8	0	0	0	4	0	68
	13:00	0	22	21	0	0	1	0	0	4	0	0	0	4	1	53
	13:15	0	24	27	0	2	1	0	0	8	0	0	0	0	0	62
	13:30	2	32	12	0	0	1	0	0	1	0	0	0	0	0	48
	13:45	0	37	18	0	4	2	0	0	4	0	1	0	1	1	68
	14:00	1	30	16	3	0	0	0	2	8	1	0	0	0	0	61
	14:15	0	31	19	0	2	0	0	0	7	0	0	0	1	0	60
	14:30	0	20	23	0	1	0	0	1	3	2	0	0	4	0	54
	14:45	0	31	21	0	0	0	0	2	6	0	0	0	1	0	61
	15:00	2	27	25	1	3	0	0	0	2	0	0	0	1	0	61
	15:15	0	38	25	1	1	0	0	0	11	2	0	0	4	0	82
	15:30	2	27	32	0	1	0	0	0	2	0	0	0	5	0	69
	15:45	1	25	27	0	2	0	0	0	11	1	0	0	2	0	69
	16:00	0	32	21	0	2	0	0	0	5	0	0	0	0	0	60
	16:15	0	36	30	0	0	0	0	0	3	0	0	0	1	1	71
	16:30	0	35	21	0	0	0	0	0	4	0	0	0	2	0	62
	16:45	0	28	25	2	0	0	0	0	7	1	0	0	2	0	65
	17:00	0	28	27	0	2	0	0	2	5	1	0	0	1	0	66
	17:15	1	32	23	1	0	0	0	0	3	1	0	0	2	0	63
	17:30	1	38	21	1	0	1	0	0	9	0	0	0	1	0	72
	17:45	1	30	21	0	0	0	0	0	7	0	0	0	1	0	60
	18:00	1	24	19	1	0	0	0	0	8	1	0	0	3	0	57
	18:15	0	24	19	2	0	0	0	0	2	2	0	0	0	0	49
	18:30	0	20	20	2	0	0	0	0	7	0	0	0	2	0	51

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	18:45	0	29	18	0	0	0	0	0	9	1	0	0	1	0	58
Mon	19:00	1	15	14	1	1	0	0	0	6	1	0	0	3	2	44
	19:15	0	21	16	1	2	0	0	1	8	1	0	0	3	0	53
	19:30	0	20	21	0	2	0	0	1	2	2	0	0	2	1	51
	19:45	0	14	15	2	0	0	0	1	5	0	0	0	3	0	40
	20:00	0	14	17	2	2	0	0	0	6	0	0	0	2	0	43
	20:15	0	16	9	1	0	0	0	1	9	1	0	0	0	1	38
	20:30	0	19	8	1	1	0	0	0	11	1	0	0	1	0	42
	20:45	0	11	3	1	1	0	0	0	5	1	0	0	1	0	23
	21:00	0	17	17	1	0	0	0	1	6	0	0	0	3	2	47
	21:15	0	14	10	0	0	0	0	0	4	0	0	0	0	0	28
	21:30	0	6	6	0	0	0	0	0	8	2	0	0	1	0	23
	21:45	0	11	6	0	1	2	0	0	4	2	0	0	0	0	26
	22:00	0	16	3	0	0	1	0	0	4	1	0	0	1	0	26
	22:15	0	7	5	0	1	0	0	1	1	1	0	0	1	0	17
	22:30	0	8	3	0	1	0	0	0	2	1	0	0	2	0	17
	22:45	0	7	5	1	0	0	0	0	2	2	0	0	0	0	17
	23:00	0	5	2	0	1	1	0	2	2	0	0	0	0	0	13
	23:15	0	5	7	0	1	0	0	0	2	1	0	0	1	0	17
	23:30	0	1	2	0	0	0	0	0	1	0	0	0	0	1	5
	23:45	0	2	2	0	0	0	0	0	2	1	0	0	2	0	9
Daily Total :		18	1275	954	27	40	13	1	20	293	38	1	1	83	13	2777
	Percent :	1%	46%	34%	1%	1%	0%	0%	1%	11%	1%	0%	0%	3%	0%	
	Average :	0	23	17	0	1	0	0	0	5	1	0	0	2	0	49

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	1	2	0	2	0	0	0	1	0	0	0	1	0	7
Tue	00:15	0	1	1	0	0	0	0	0	3	0	0	0	0	2	7
	00:30	0	1	2	1	0	0	0	1	5	1	0	0	0	0	11
	00:45	0	2	2	0	1	0	0	0	4	0	0	0	0	0	9
	01:00	0	2	2	0	0	0	0	0	1	0	0	0	0	0	5
	01:15	0	2	2	0	0	0	0	0	1	0	0	0	0	1	6
	01:30	0	1	2	0	0	0	0	0	1	0	0	0	2	0	6
	01:45	0	0	0	0	0	0	0	0	0	1	0	0	2	0	3
	02:00	0	1	0	0	0	0	0	0	8	1	0	0	0	2	12
	02:15	0	0	4	0	0	0	0	0	2	0	0	0	0	0	6
	02:30	0	3	0	0	0	0	0	0	2	1	0	0	1	0	7
	02:45	0	3	0	0	0	0	0	0	1	0	0	0	2	0	6
	03:00	0	3	0	0	0	0	0	0	2	0	0	0	4	0	9
	03:15	0	1	1	0	0	0	0	0	1	0	0	1	0	0	4
	03:30	0	1	3	0	0	0	0	0	1	0	0	2	0	0	7
	03:45	0	1	2	0	0	0	0	0	3	1	0	0	0	1	8
	04:00	0	4	1	0	0	0	0	0	4	0	0	0	0	1	10
	04:15	0	4	3	0	0	0	0	0	4	0	1	0	2	0	14
	04:30	0	5	2	0	0	0	0	1	2	0	0	0	1	0	11
	04:45	0	6	3	0	0	0	0	1	2	0	0	0	1	0	13
	05:00	0	8	5	0	0	0	0	0	5	0	0	0	0	0	18
	05:15	0	8	4	1	0	0	0	0	5	2	0	0	3	0	23
	05:30	0	8	5	0	1	0	0	0	2	0	0	0	2	0	18
	05:45	0	17	6	0	0	1	0	0	3	0	0	1	2	1	31
	06:00	0	13	10	0	0	0	0	0	2	1	0	1	4	1	32
	06:15	0	18	11	0	1	0	0	0	3	1	0	0	1	0	35
	06:30	0	25	16	0	1	0	0	0	6	2	0	1	1	1	53
	06:45	0	20	13	0	0	0	0	0	7	0	0	0	6	0	46
	07:00	0	26	15	0	0	0	0	0	4	1	0	0	6	1	53
	07:15	0	49	16	0	1	0	0	0	5	0	1	1	3	0	76
	07:30	0	41	29	0	0	0	0	0	6	3	1	0	1	1	82
	07:45	0	37	16	0	0	0	0	0	6	2	0	1	1	0	63
	08:00	0	27	21	4	0	0	1	0	7	4	0	1	3	2	70
	08:15	0	29	23	0	1	1	0	0	7	2	0	0	1	0	64
	08:30	0	33	28	0	0	1	0	1	10	1	0	1	3	0	78
	08:45	0	22	22	2	1	0	0	0	7	0	0	0	1	1	56
	09:00	0	19	16	0	0	1	0	0	9	0	0	0	2	1	48
	09:15	0	25	32	0	0	1	0	1	16	2	0	0	2	1	80
	09:30	0	31	24	0	1	0	0	2	10	1	0	0	1	1	71
	09:45	0	27	27	0	2	0	0	0	7	0	0	0	1	2	66
	10:00	0	29	21	0	2	1	0	0	4	1	0	0	3	1	62
	10:15	0	26	28	0	0	2	0	0	9	2	0	0	2	0	69
	10:30	0	40	22	0	1	1	0	1	4	4	0	0	0	1	74
	10:45	0	26	14	0	0	1	0	0	8	0	0	0	4	2	55
	11:00	1	19	26	0	1	1	0	1	10	5	0	1	1	0	66
	11:15	1	24	20	0	2	0	0	2	11	8	0	0	0	0	68
	11:30	0	24	21	0	0	1	0	1	10	2	0	0	1	0	60
	11:45	0	21	25	0	0	0	0	0	6	1	0	0	2	1	56
	12:00	0	38	16	0	0	0	0	0	12	1	0	0	0	1	68
	12:15	0	24	30	0	0	0	0	0	15	3	0	0	1	1	74

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	22	9	0	1	0	0	0	7	0	0	1	0	1	41
Tue	12:45	0	16	18	0	1	0	0	0	11	1	0	0	1	0	48
	13:00	0	17	22	0	0	0	0	0	20	0	0	1	0	1	61
	13:15	0	27	14	0	0	0	0	2	13	3	0	0	2	0	61
	13:30	0	27	21	2	2	0	0	1	17	5	0	0	3	0	78
	13:45	0	25	21	0	0	0	0	0	12	2	0	1	1	0	62
	14:00	1	25	21	3	3	0	0	0	17	1	0	0	1	0	72
	14:15	0	18	28	2	1	3	0	3	14	4	0	0	4	0	77
	14:30	0	24	24	0	3	0	0	1	15	0	0	0	0	0	67
	14:45	0	25	22	1	1	1	0	0	16	4	0	0	0	0	70
	15:00	0	25	20	0	2	0	1	1	9	2	0	1	1	0	62
	15:15	0	35	20	1	1	0	0	1	19	1	0	0	0	1	79
	15:30	1	30	22	0	2	1	0	0	8	1	0	0	5	1	71
	15:45	0	38	31	0	1	1	0	1	14	2	0	0	2	0	90
	16:00	0	31	27	0	0	1	0	1	12	3	0	0	1	1	77
	16:15	1	24	31	0	3	0	0	1	14	0	0	0	2	0	76
	16:30	0	34	22	0	0	1	0	1	15	1	1	0	3	0	78
	16:45	0	30	20	1	0	1	0	1	15	3	0	0	1	0	72
	17:00	0	36	23	0	0	1	0	0	13	1	0	0	0	0	74
	17:15	0	38	28	0	1	1	0	0	12	1	0	0	1	0	82
	17:30	2	39	16	0	2	0	0	0	15	2	0	0	1	1	78
	17:45	0	28	23	1	0	0	0	1	10	0	0	0	3	0	66
	18:00	0	18	17	0	1	0	0	1	16	0	0	0	3	0	56
	18:15	0	21	10	2	1	0	0	2	10	1	0	0	4	2	53
	18:30	0	20	25	3	1	0	0	1	11	0	0	0	3	1	65
	18:45	0	24	14	0	0	1	0	0	9	0	0	0	2	1	51
	19:00	0	12	15	0	1	0	0	3	10	0	0	0	0	2	43
	19:15	0	12	12	1	0	1	0	0	5	3	0	0	2	0	36
	19:30	0	16	15	2	0	0	0	0	10	2	0	0	0	1	46
	19:45	0	10	16	0	2	0	0	0	14	2	0	0	1	1	46
	20:00	0	12	7	2	0	0	0	1	7	2	0	0	2	0	33
	20:15	0	9	11	2	0	0	0	0	7	1	0	0	0	2	32
	20:30	0	13	8	0	0	1	0	1	5	0	0	0	3	1	32
	20:45	0	16	10	0	0	0	0	0	8	2	0	0	2	1	39
	21:00	0	18	5	0	0	0	0	0	8	0	0	0	1	0	32
	21:15	0	8	10	0	1	0	0	0	9	3	0	0	1	3	35
	21:30	0	10	8	1	0	0	0	0	5	2	0	0	1	0	27
	21:45	0	10	10	1	0	0	0	0	6	2	0	0	1	0	30
	22:00	0	8	12	0	0	0	0	0	7	1	0	0	1	1	30
	22:15	0	10	5	0	0	0	0	1	5	2	0	0	0	0	23
	22:30	0	7	8	1	0	0	0	0	3	0	0	0	1	0	20
	22:45	0	9	7	1	0	0	0	0	2	1	0	0	2	1	23
	23:00	0	7	2	0	0	0	0	0	5	0	0	0	2	2	18
	23:15	0	6	3	0	0	0	0	0	6	0	0	0	0	0	15
	23:30	0	3	4	0	0	1	0	0	7	1	0	0	0	0	16
	23:45	0	3	6	0	0	0	0	0	3	3	0	0	0	0	15
Daily Total :		7	1692	1317	35	49	27	2	37	740	119	4	15	138	52	4234
	Percent :	0%	40%	31%	1%	1%	1%	0%	1%	17%	3%	0%	0%	3%	1%	
	Average :	0	18	14	0	1	0	0	0	8	1	0	0	1	1	44

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	2	4	0	0	0	0	0	2	1	0	0	1	0	10
Wed	00:15	0	3	5	1	0	0	0	0	2	1	0	0	2	1	15
	00:30	0	1	0	0	0	0	0	0	3	2	0	0	1	0	7
	00:45	0	1	1	0	0	0	0	0	0	0	0	1	1	0	4
	01:00	1	1	0	0	1	0	0	0	4	0	0	0	1	0	8
	01:15	0	3	2	0	0	1	0	0	4	0	0	0	1	0	11
	01:30	0	0	1	0	0	0	0	0	2	0	0	0	2	0	5
	01:45	0	0	2	0	0	0	0	0	5	0	0	0	0	0	7
	02:00	0	3	0	0	1	0	0	0	2	0	0	0	2	0	8
	02:15	0	4	0	0	0	0	0	0	2	0	0	0	0	0	6
	02:30	0	1	0	0	0	0	0	0	0	1	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	6	1	0	1	4	0	12
	03:00	0	3	2	0	0	0	0	0	4	0	0	1	1	0	11
	03:15	0	1	1	0	1	0	0	0	3	1	0	0	0	2	9
	03:30	0	1	3	0	0	0	0	0	5	1	0	1	1	0	12
	03:45	0	3	0	0	0	0	0	0	3	0	0	0	0	0	6
	04:00	0	1	1	0	0	0	0	0	2	2	0	1	0	0	7
	04:15	0	4	4	0	0	0	0	0	3	0	0	0	3	2	16
	04:30	0	5	0	0	0	0	0	0	3	0	0	1	0	0	9
	04:45	0	4	4	0	0	0	0	0	1	0	1	0	2	0	12
	05:00	0	6	4	0	0	0	0	0	6	1	0	0	2	0	19
	05:15	0	9	5	0	0	0	0	0	2	1	0	1	5	0	23
	05:30	0	9	4	1	0	0	0	0	4	2	0	0	2	0	22
	05:45	0	20	5	0	0	0	0	1	5	0	0	0	2	0	33
	06:00	0	11	9	0	0	0	0	0	4	0	1	1	3	1	30
	06:15	0	20	21	0	1	0	0	0	3	2	0	1	2	2	52
	06:30	0	22	18	0	0	0	0	0	3	0	0	0	6	3	52
	06:45	0	22	11	0	1	0	0	0	6	3	0	0	1	1	45
	07:00	0	35	19	1	1	0	0	1	8	1	0	0	4	0	70
	07:15	0	40	20	1	1	0	0	0	14	7	0	0	5	3	91
	07:30	1	50	22	0	0	0	1	0	7	4	0	0	5	0	90
	07:45	0	27	25	0	0	1	0	0	6	5	0	0	5	1	70
	08:00	0	29	17	4	1	2	0	2	5	4	0	0	3	0	67
	08:15	0	38	14	0	1	0	0	0	9	0	0	0	2	2	66
	08:30	0	37	22	1	1	2	0	0	10	1	0	1	1	1	77
	08:45	0	26	18	0	1	1	0	0	15	0	0	1	3	4	69
	09:00	0	28	24	1	0	1	0	0	10	0	0	0	3	0	67
	09:15	0	27	21	2	0	0	0	1	17	5	0	0	1	0	74
	09:30	0	26	20	1	0	1	0	0	13	1	0	0	6	0	68
	09:45	0	30	26	0	0	0	0	0	11	0	0	0	1	1	69
	10:00	0	31	28	0	1	3	0	0	11	2	0	0	2	0	78
	10:15	0	44	27	1	1	0	0	2	13	1	0	0	3	0	92
	10:30	0	27	25	1	1	3	0	0	18	1	0	0	1	0	77
	10:45	0	26	29	0	1	3	0	1	12	0	0	0	0	0	72
	11:00	0	29	17	0	0	1	0	0	19	0	0	0	0	0	66
	11:15	0	38	18	0	0	0	0	1	16	2	0	0	1	0	76
	11:30	0	29	17	0	0	1	0	1	18	1	0	0	1	0	68
	11:45	0	22	17	2	2	1	0	0	11	0	0	0	1	0	56
	12:00	0	28	28	1	1	1	0	1	15	1	0	0	2	0	78
	12:15	0	23	23	0	1	0	0	0	13	1	0	2	2	0	65

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	1	38	20	2	0	1	0	0	13	0	0	0	1	0	76
Wed	12:45	0	32	19	0	1	3	0	0	15	1	0	0	2	1	74
	13:00	0	24	18	0	0	1	0	1	16	2	0	0	0	0	62
	13:15	0	24	18	1	1	0	0	0	13	0	0	0	0	3	60
	13:30	0	20	25	1	2	3	0	0	15	2	0	0	2	0	70
	13:45	0	28	16	3	2	1	0	1	17	0	0	2	0	0	70
	14:00	0	19	19	1	1	1	0	0	18	2	0	0	1	1	63
	14:15	0	30	18	1	0	1	0	0	14	2	0	0	5	0	71
	14:30	0	20	32	0	2	1	0	0	20	1	0	0	2	1	79
	14:45	1	27	24	0	1	1	1	0	18	0	0	0	1	0	74
	15:00	0	31	28	0	2	2	0	0	15	2	0	0	1	0	81
	15:15	0	33	19	1	0	2	0	0	12	2	0	0	2	0	71
	15:30	0	23	29	0	2	1	0	4	17	1	0	0	1	0	78
	15:45	0	26	24	1	0	0	0	1	14	1	0	0	1	0	68
	16:00	1	25	29	2	1	0	0	1	13	1	0	0	4	1	78
	16:15	0	16	26	0	0	0	0	0	16	0	0	0	3	1	62
	16:30	0	29	30	1	0	0	0	0	15	1	0	0	0	0	76
	16:45	0	26	15	2	0	1	0	0	15	0	0	0	0	0	59
	17:00	0	28	23	0	0	0	0	1	13	2	1	0	0	0	68
	17:15	0	17	21	0	0	0	0	1	21	2	0	0	2	2	66
	17:30	0	29	20	0	1	0	0	1	15	2	0	0	3	1	72
	17:45	0	18	28	0	3	1	0	0	8	0	0	1	0	0	59
	18:00	0	25	20	0	0	0	0	2	12	0	1	0	1	0	61
	18:15	0	24	21	1	1	0	0	2	9	0	0	0	2	3	63
	18:30	0	11	17	2	0	0	0	0	12	2	0	0	4	0	48
	18:45	0	16	15	1	0	1	0	0	16	1	0	0	0	0	50
	19:00	0	17	17	2	0	0	0	0	13	3	0	0	0	3	55
	19:15	0	13	11	0	0	0	0	0	8	3	0	0	2	1	38
	19:30	0	19	8	2	0	0	0	0	9	0	0	0	2	0	40
	19:45	0	13	12	0	0	0	0	0	7	1	0	0	2	0	35
	20:00	0	8	7	3	1	1	0	0	9	0	0	0	4	0	33
	20:15	0	11	10	0	0	0	0	1	6	3	0	0	2	1	34
	20:30	0	8	9	0	0	1	0	0	6	1	0	0	1	2	28
	20:45	0	16	14	1	0	0	0	0	5	1	0	0	2	2	41
	21:00	0	15	9	0	0	0	0	0	4	2	0	0	0	0	30
	21:15	0	8	7	0	1	1	0	1	5	1	0	0	0	1	25
	21:30	0	9	8	0	0	1	0	0	14	2	0	0	1	0	35
	21:45	0	7	5	0	1	0	1	0	7	0	0	0	0	2	23
	22:00	0	11	6	0	0	0	0	0	4	2	0	0	3	0	26
	22:15	0	9	3	1	0	0	0	0	4	1	0	0	1	0	19
	22:30	0	4	10	0	0	0	0	0	3	0	0	0	1	3	21
	22:45	0	8	5	1	0	0	0	1	3	1	0	0	0	0	19
	23:00	1	4	5	0	0	0	0	0	3	1	0	0	1	2	17
	23:15	0	4	2	0	0	1	0	0	4	0	0	0	0	2	13
	23:30	0	3	0	0	0	0	0	0	4	0	0	0	2	1	10
	23:45	0	4	1	1	0	0	0	0	2	0	0	0	1	0	9
Daily Total :		6	1680	1307	49	42	48	3	29	862	105	4	16	160	58	4369
	Percent :	0%	38%	30%	1%	1%	1%	0%	1%	20%	2%	0%	0%	4%	1%	
	Average :	0	18	14	1	0	1	0	0	9	1	0	0	2	1	47

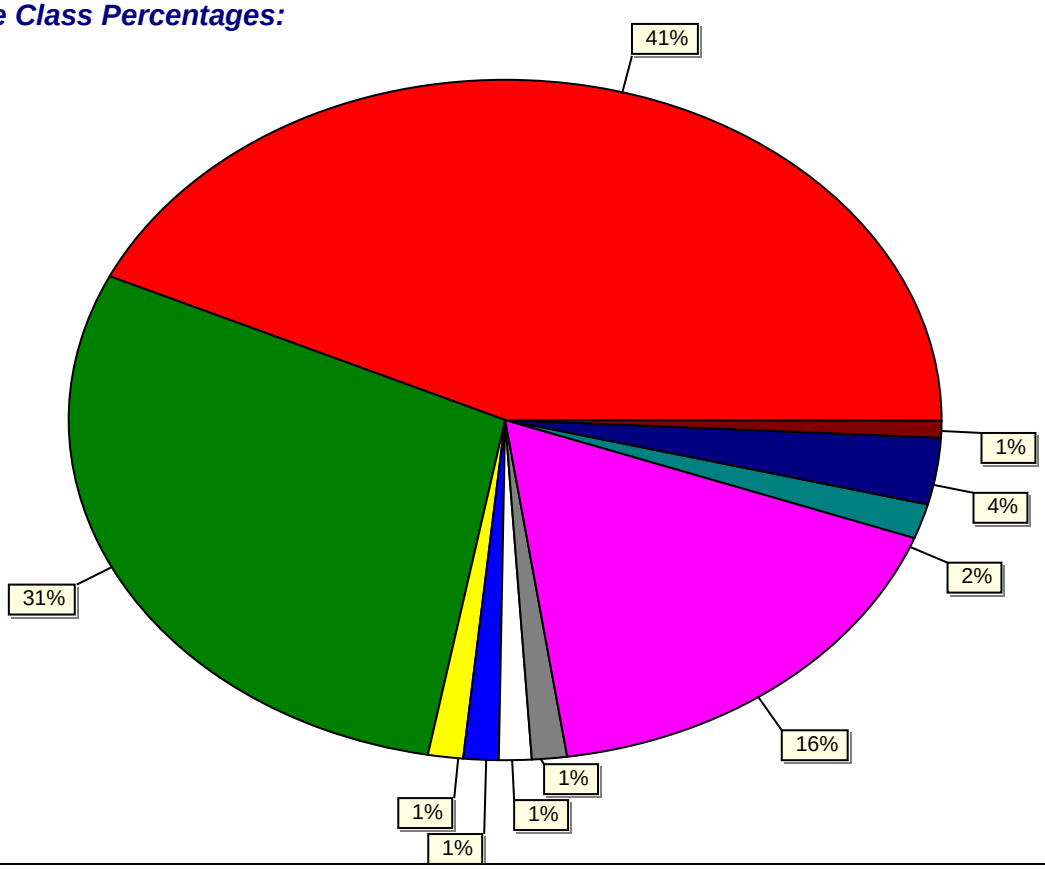
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	4	3	0	0	0	0	0	3	0	0	0	0	2	12
Thu	00:15	0	6	2	0	0	0	0	0	3	0	0	0	2	0	13
	00:30	0	1	3	0	0	0	0	0	1	1	0	0	1	0	7
	00:45	0	1	2	0	1	0	0	0	2	0	0	1	0	0	7
	01:00	0	1	1	0	0	0	0	2	2	0	0	0	0	1	7
	01:15	0	2	1	0	0	0	0	0	4	1	0	0	0	0	8
	01:30	0	3	2	0	0	0	0	0	1	0	0	0	0	0	6
	01:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	1	2	0	0	0	0	0	0	0	0	0	1	2	6
	02:15	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
	02:30	0	0	2	0	0	0	0	1	2	1	0	0	3	2	11
	02:45	0	3	1	0	0	0	0	0	3	0	0	1	2	2	12
	03:00	0	0	2	0	0	0	0	0	2	0	0	1	0	0	5
	03:15	0	4	1	0	0	0	0	0	3	1	0	0	0	0	9
	03:30	0	5	0	0	1	0	0	0	2	0	0	2	1	0	11
	03:45	0	1	3	0	2	0	0	0	6	0	0	0	1	0	13
	04:00	0	6	3	0	0	0	0	0	6	0	0	0	2	0	17
	04:15	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	04:30	0	5	3	0	0	0	0	0	2	0	0	0	2	0	12
	04:45	0	9	4	0	0	0	0	0	2	0	0	0	1	1	17
	05:00	0	9	2	0	0	0	0	1	4	1	0	0	1	0	18
	05:15	0	4	4	1	1	0	0	0	2	0	0	0	2	0	14
	05:30	0	11	7	0	0	0	0	0	2	0	0	1	2	0	23
	05:45	0	11	8	0	0	0	0	0	3	1	0	0	2	0	25
	06:00	0	12	4	0	1	0	0	0	6	0	0	1	1	1	26
	06:15	0	15	12	0	0	0	0	0	4	2	0	0	2	2	37
	06:30	0	27	12	0	1	0	0	1	6	0	0	1	7	1	56
	06:45	0	19	16	0	0	0	0	0	8	1	1	0	1	0	46
	07:00	0	41	15	1	0	0	0	0	4	1	0	0	6	1	69
	07:15	0	41	19	0	1	0	0	1	3	1	1	0	9	2	78
	07:30	1	45	22	0	1	0	0	1	5	2	1	0	2	0	80
	07:45	0	26	23	1	1	0	0	0	11	1	0	0	2	1	66
	08:00	0	31	16	4	1	0	0	0	4	3	2	0	2	3	66
	08:15	0	21	18	1	1	0	0	1	10	1	0	0	2	0	55
Daily Total :		1	366	214	8	12	0	0	8	119	18	5	8	58	21	838
	Percent :	0%	44%	26%	1%	1%	0%	0%	1%	14%	2%	1%	1%	7%	3%	
	Average :	0	11	6	0	0	0	0	0	4	1	0	0	2	1	25

Basic Axle Class Summary: 2D0022456

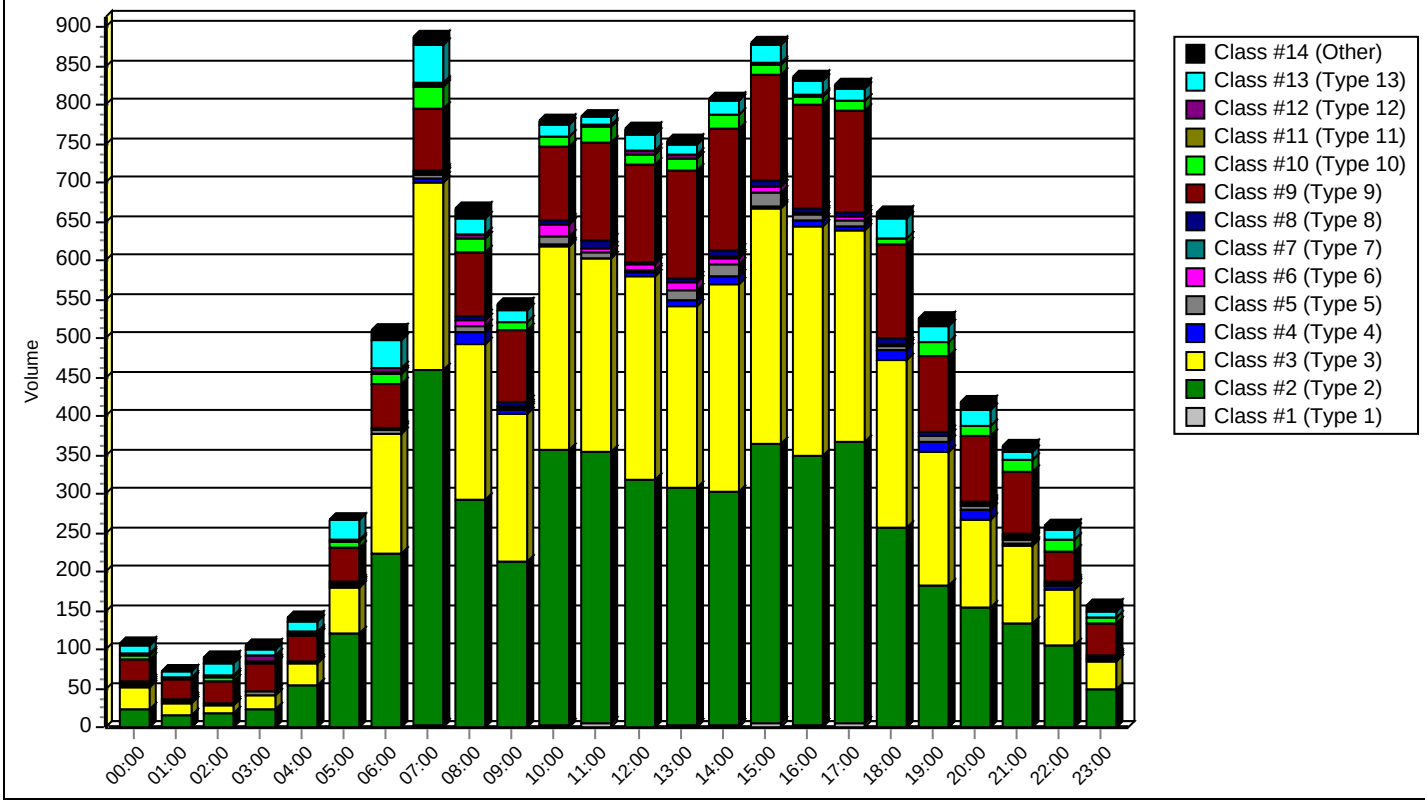
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	32	5013	3792	119	143	88	6	94	2014	280	14	40	439	144	12218
		32	5013	3792	119	143	88	6	94	2014	280	14	40	439	144	12218
Percents :	#1.	0%	41%	31%	1%	1%	1%	0%	1%	16%	2%	0%	0%	4%	1%	100%
		0%	41%	31%	1%	1%	1%	0%	1%	16%	2%	0%	0%	4%	1%	
Average :	#1.	0	18	13	0	1	0	0	0	7	1	0	0	2	1	43
		0	18	13	0	1	0	0	0	7	1	0	0	2	1	43
Days & ADT :	#1.	2.9	4174													
		2.9	4174													

2D0022456 Axle Class Charts For Data From: 10:15 - 04/11/2011 To: 08:44 - 04/14/2011

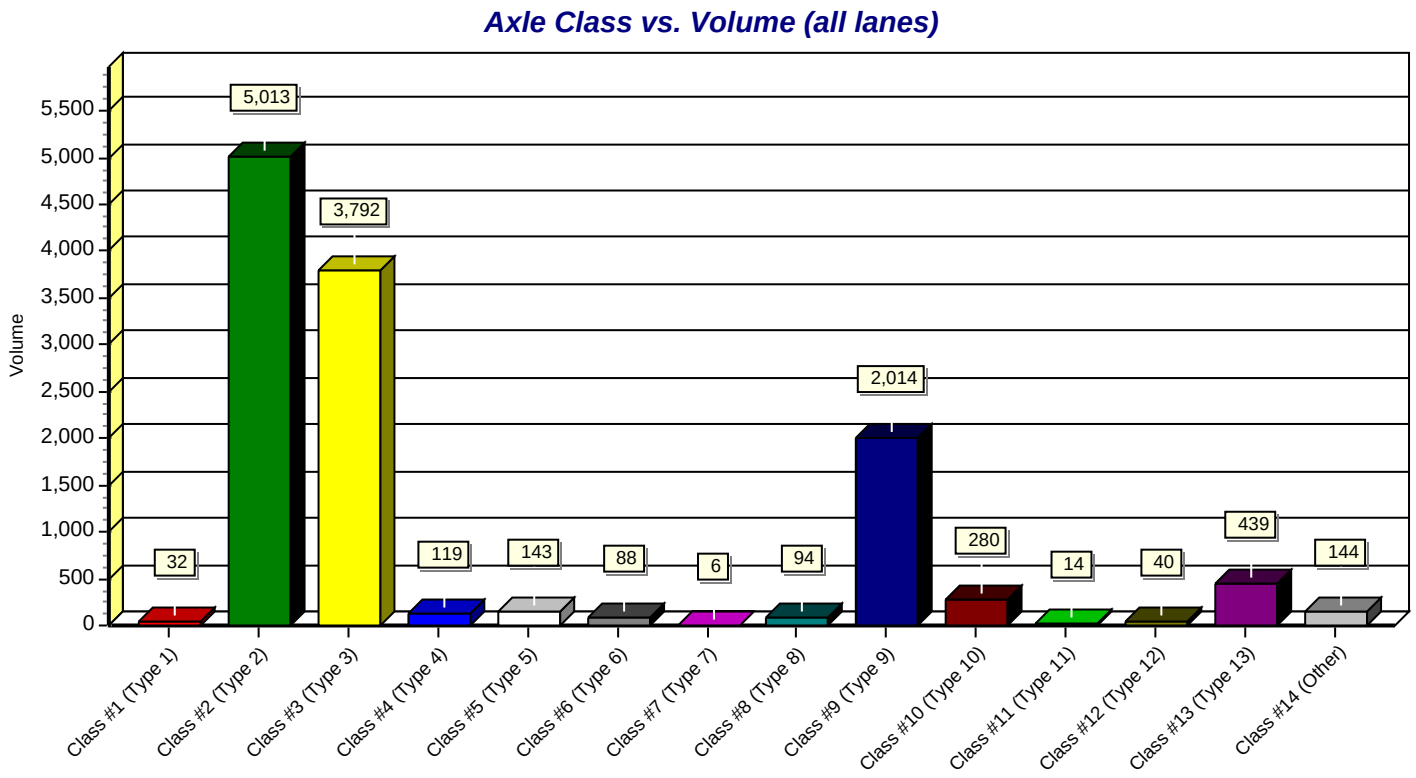
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0022456 Axle Class Charts For Data From: 10:15 - 04/11/2011 To: 08:44 - 04/14/2011



Basic Speed Classification Report: 2D0022456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 10:15 - 04/11/2011 To: 08:44 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	10:15	0	0	0	0	0	1	0	1	4	9	10	11	11	2	0	0	49
Mon	10:30	1	0	0	0	0	0	0	1	1	13	16	18	24	3	1	0	78
	10:45	0	0	0	0	0	0	0	0	3	17	16	15	21	2	0	0	74
	11:00	0	0	0	0	0	0	0	0	0	7	15	19	21	5	0	0	67
	11:15	0	0	0	0	0	0	0	0	0	5	16	12	28	3	1	0	65
	11:30	0	0	0	0	0	0	0	1	3	13	13	18	18	9	1	0	76
	11:45	0	0	0	0	0	0	0	0	2	3	11	15	22	8	1	0	62
	12:00	0	0	0	0	0	0	0	1	1	6	17	13	20	6	0	0	64
	12:15	0	0	0	0	0	0	0	1	3	5	16	8	18	3	0	0	54
	12:30	0	0	0	0	0	0	0	0	2	6	16	7	23	5	0	0	59
	12:45	0	0	0	0	0	0	0	0	2	7	15	13	21	8	2	0	68
	13:00	0	0	0	0	0	0	0	1	2	11	10	10	14	4	1	0	53
	13:15	0	0	0	0	0	0	0	0	2	13	14	12	15	6	0	0	62
	13:30	0	0	0	0	0	0	0	0	0	3	13	6	17	9	0	0	48
	13:45	0	0	0	0	0	0	0	2	2	6	15	13	17	12	1	0	68
	14:00	0	0	0	0	0	0	0	0	1	8	13	14	20	5	0	0	61
	14:15	0	0	0	0	0	0	0	0	2	7	11	10	20	9	1	0	60
	14:30	0	0	0	0	0	0	0	1	1	5	13	15	12	7	0	0	54
	14:45	0	0	0	0	0	0	1	0	3	4	12	19	20	2	0	0	61
	15:00	0	0	0	0	0	0	0	0	3	11	14	14	11	8	0	0	61
	15:15	0	0	0	0	0	0	0	0	2	8	29	22	16	5	0	0	82
	15:30	0	0	0	0	0	0	0	0	5	8	12	21	15	7	1	0	69
	15:45	0	0	0	0	0	0	0	1	2	7	19	17	15	7	1	0	69
	16:00	0	0	0	0	0	0	0	0	0	5	13	11	27	3	1	0	60
	16:15	0	0	0	0	0	0	0	0	0	3	17	21	23	7	0	0	71
	16:30	0	0	0	0	0	0	0	0	2	5	12	8	24	10	1	0	62
	16:45	0	0	0	0	0	0	0	0	0	7	13	15	22	8	0	0	65
	17:00	0	0	0	0	0	0	0	0	4	7	12	17	23	3	0	0	66
	17:15	0	0	0	0	0	0	0	0	2	5	12	15	23	6	0	0	63
	17:30	0	0	0	0	0	0	0	0	0	7	16	19	19	11	0	0	72
	17:45	0	0	0	0	0	0	0	0	1	4	9	10	27	9	0	0	60
	18:00	0	0	0	0	0	0	0	0	1	5	11	9	25	6	0	0	57
	18:15	0	0	0	0	0	0	0	0	2	4	10	14	17	2	0	0	49
	18:30	0	0	0	0	0	0	0	0	0	6	12	8	21	4	0	0	51
	18:45	0	0	0	0	0	0	0	0	1	7	17	10	23	0	0	0	58
	19:00	0	0	0	0	0	0	2	1	1	4	8	11	14	3	0	0	44
	19:15	0	0	0	0	0	0	0	0	0	9	18	11	13	2	0	0	53
	19:30	0	0	0	0	0	0	0	0	1	3	14	14	14	5	0	0	51
	19:45	1	0	0	0	0	0	0	0	0	4	12	7	11	5	0	0	40
	20:00	0	0	0	0	0	0	0	0	2	4	11	13	11	2	0	0	43

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	20:15	0	0	0	0	0	0	0	0	1	7	15	7	5	3	0	0	38
Mon	20:30	0	0	0	0	0	0	0	1	1	9	16	5	3	6	1	0	42
	20:45	0	0	0	0	0	1	0	0	1	7	6	2	4	2	0	0	23
	21:00	0	0	0	0	0	0	0	0	5	4	16	10	10	2	0	0	47
	21:15	0	0	0	0	0	0	0	0	1	3	14	6	4	0	0	0	28
	21:30	0	0	0	0	0	0	0	0	3	5	3	4	6	2	0	0	23
	21:45	0	0	0	0	0	0	0	1	2	4	8	5	6	0	0	0	26
	22:00	0	0	0	0	0	0	0	1	1	4	4	5	8	3	0	0	26
	22:15	0	0	0	0	0	0	1	0	2	3	2	4	5	0	0	0	17
	22:30	0	0	0	0	0	0	0	0	1	1	4	7	2	2	0	0	17
	22:45	0	0	0	0	0	0	1	0	0	3	2	5	5	1	0	0	17
	23:00	0	0	0	0	0	0	0	0	0	1	4	3	5	0	0	0	13
	23:15	0	0	0	0	0	0	0	0	0	3	3	4	6	1	0	0	17
	23:30	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	0	5
	23:45	0	0	0	0	0	0	2	0	1	2	3	1	0	0	0	0	9
Daily Total :		2	0	0	0	0	2	7	14	83	329	653	604	826	243	14	0	2777
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	3%	12%	24%	22%	30%	9%	1%	0%	
Average :		0	0	0	0	0	0	0	0	2	6	12	11	15	4	0	0	43

Speeds - Average: 72.0 50% : 72.5 67% : 76.1 85% : 79.0 10mph Pace: 70.0 - 79.9 (51.8%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	5	0	2	0	0	0	0	7
Tue	00:15	0	0	0	0	0	0	0	0	2	3	2	0	0	0	0	0	7
	00:30	0	0	0	0	0	0	0	0	0	4	4	2	1	0	0	0	11
	00:45	0	0	0	0	0	0	0	0	2	0	5	2	0	0	0	0	9
	01:00	0	0	0	0	0	0	0	1	0	1	0	0	1	2	0	0	5
	01:15	0	0	0	0	0	0	0	0	0	1	1	1	2	1	0	0	6
	01:30	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	6
	01:45	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
	02:00	0	0	0	0	0	0	0	1	1	1	7	2	0	0	0	0	12
	02:15	0	0	0	0	0	0	0	0	0	2	1	1	1	1	0	0	6
	02:30	0	0	0	0	0	0	0	0	1	0	4	1	1	0	0	0	7
	02:45	0	0	0	0	0	0	0	0	0	1	2	1	1	0	1	0	6
	03:00	0	0	0	0	0	0	0	0	1	3	2	2	1	0	0	0	9
	03:15	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	4
	03:30	0	0	0	0	0	0	0	0	0	1	1	2	3	0	0	0	7
	03:45	0	0	0	0	0	1	0	0	1	3	3	0	0	0	0	0	8
	04:00	0	0	0	0	0	0	0	0	1	3	3	1	2	0	0	0	10
	04:15	0	0	0	0	0	0	0	0	0	3	6	1	2	2	0	0	14
	04:30	0	0	0	0	0	0	0	0	1	3	3	2	2	0	0	0	11
	04:45	0	0	0	0	0	0	0	0	0	1	3	4	4	1	0	0	13
	05:00	0	0	0	0	0	0	0	0	1	6	2	4	2	3	0	0	18
	05:15	0	0	0	0	0	0	0	0	0	6	4	4	8	0	1	0	23
	05:30	0	0	0	0	0	0	0	0	1	4	3	4	2	4	0	0	18
	05:45	0	0	0	0	0	0	0	1	1	5	7	4	11	2	0	0	31
	06:00	0	0	0	0	0	0	0	0	4	7	6	6	4	5	0	0	32
	06:15	0	0	0	0	0	0	0	0	1	2	12	10	8	1	1	0	35
	06:30	0	0	0	0	0	0	0	0	1	7	14	10	10	10	1	0	53
	06:45	0	0	0	0	0	0	0	0	3	6	9	10	7	8	3	0	46
	07:00	0	0	0	0	0	0	0	0	1	3	14	12	18	5	0	0	53
	07:15	0	0	0	0	0	0	0	0	0	9	17	14	24	12	0	0	76
	07:30	0	0	0	0	0	0	0	0	1	6	15	18	33	9	0	0	82
	07:45	0	0	0	0	0	0	0	0	0	7	5	12	34	4	1	0	63
	08:00	0	0	0	0	0	0	0	0	5	8	20	15	18	4	0	0	70
	08:15	0	0	0	0	0	0	0	0	0	4	14	14	18	13	1	0	64
	08:30	0	0	0	0	0	0	0	0	1	7	13	16	33	8	0	0	78
	08:45	0	0	0	0	0	0	0	0	1	7	13	14	18	3	0	0	56
	09:00	0	0	0	0	0	0	0	0	2	4	15	12	10	5	0	0	48
	09:15	0	0	0	0	0	0	0	0	2	11	20	19	23	5	0	0	80
	09:30	0	0	0	0	0	0	0	0	3	5	16	19	21	7	0	0	71
	09:45	0	0	0	0	0	0	0	0	1	1	25	13	21	4	1	0	66
	10:00	0	0	0	0	0	0	0	0	1	3	12	20	18	6	2	0	62
	10:15	0	0	0	0	0	0	0	1	3	9	18	22	8	8	0	0	69
	10:30	0	0	0	0	0	0	0	1	1	4	25	21	14	6	2	0	74
	10:45	0	0	0	0	0	0	0	0	2	8	14	8	13	10	0	0	55
	11:00	0	0	0	0	0	0	0	0	0	10	16	17	19	4	0	0	66
	11:15	0	0	0	0	0	0	0	0	3	11	21	20	8	5	0	0	68
	11:30	2	0	0	0	0	0	0	0	1	13	18	15	7	4	0	0	60
	11:45	0	0	0	0	0	0	0	0	1	4	18	10	12	10	1	0	56
	12:00	0	0	0	0	0	0	0	0	1	4	20	18	22	3	0	0	68
	12:15	0	0	0	0	0	0	0	0	2	6	18	23	19	6	0	0	74

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	1	2	1	7	11	9	10	0	0	0	41
Tue	12:45	0	0	0	0	0	0	0	1	2	9	9	10	14	2	1	0	48
	13:00	0	0	0	0	0	0	1	0	3	12	16	12	13	4	0	0	61
	13:15	0	0	0	0	0	0	0	0	1	6	28	9	13	4	0	0	61
	13:30	0	0	0	0	0	0	0	0	2	10	24	19	18	5	0	0	78
	13:45	0	0	0	0	0	0	0	0	1	5	23	16	14	3	0	0	62
	14:00	0	0	0	0	0	0	0	1	3	8	20	14	19	7	0	0	72
	14:15	0	0	0	0	0	0	0	1	4	13	22	22	10	5	0	0	77
	14:30	0	0	0	0	0	0	0	0	1	5	24	14	17	6	0	0	67
	14:45	0	0	0	0	0	0	0	2	5	9	17	19	10	7	1	0	70
	15:00	0	0	0	0	0	0	0	1	4	9	14	9	25	0	0	0	62
	15:15	0	0	0	0	0	0	0	0	1	10	23	21	20	4	0	0	79
	15:30	1	0	0	0	0	0	0	0	2	7	19	21	21	0	0	0	71
	15:45	1	0	0	0	0	0	0	1	2	14	24	15	25	7	1	0	90
	16:00	0	0	0	0	0	0	0	0	2	8	22	20	21	4	0	0	77
	16:15	0	0	0	0	0	0	0	0	1	12	22	16	21	4	0	0	76
	16:30	0	0	0	0	0	0	0	1	3	5	23	19	22	5	0	0	78
	16:45	0	0	0	0	0	0	0	0	0	14	19	16	20	3	0	0	72
	17:00	0	0	0	0	0	0	0	0	4	6	15	23	20	5	1	0	74
	17:15	0	0	0	0	0	0	0	0	1	6	23	19	27	6	0	0	82
	17:30	0	0	0	0	0	0	0	0	1	13	19	19	20	6	0	0	78
	17:45	0	0	0	0	0	0	1	0	1	4	17	12	19	10	2	0	66
	18:00	0	0	0	0	0	0	1	0	0	6	20	16	8	5	0	0	56
	18:15	0	0	0	0	0	0	0	0	0	2	17	17	13	4	0	0	53
	18:30	0	0	0	0	0	0	0	0	1	9	16	18	11	9	1	0	65
	18:45	0	0	0	0	0	0	0	0	2	6	11	13	11	7	1	0	51
	19:00	0	0	0	0	0	0	0	0	1	4	16	8	10	4	0	0	43
	19:15	0	0	0	0	0	0	1	0	2	5	10	8	6	4	0	0	36
	19:30	0	0	0	0	0	0	0	0	1	9	11	7	11	7	0	0	46
	19:45	0	0	0	0	0	0	0	0	1	7	16	10	6	6	0	0	46
	20:00	0	0	0	0	0	0	0	0	2	4	9	9	4	5	0	0	33
	20:15	0	0	0	0	0	0	0	0	1	5	13	5	4	4	0	0	32
	20:30	0	0	0	0	0	0	0	0	1	2	11	10	6	2	0	0	32
	20:45	0	0	0	0	0	0	0	0	2	9	11	9	7	1	0	0	39
	21:00	0	0	0	0	0	0	0	0	2	5	13	4	6	2	0	0	32
	21:15	0	0	0	0	0	0	0	1	2	6	13	6	6	1	0	0	35
	21:30	0	0	0	0	0	0	0	0	1	4	11	2	8	1	0	0	27
	21:45	0	0	0	0	0	0	0	0	1	4	8	8	6	3	0	0	30
	22:00	0	0	0	0	0	0	0	0	4	6	2	8	9	1	0	0	30
	22:15	0	0	0	0	0	0	0	0	0	2	8	6	6	1	0	0	23
	22:30	0	0	0	0	0	0	0	0	0	0	8	4	4	4	0	0	20
	22:45	0	0	0	0	0	0	0	0	1	5	8	1	7	1	0	0	23
	23:00	0	0	0	0	0	0	0	1	1	3	6	4	2	1	0	0	18
	23:15	0	0	0	0	0	0	0	0	1	2	5	4	2	1	0	0	15
	23:30	0	0	0	0	0	0	0	0	1	1	6	6	2	0	0	0	16
	23:45	0	0	0	0	0	0	0	0	0	1	5	3	4	2	0	0	15

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	0	0	0	0	1	5	17	127	524	1166	969	1043	355	23	0	4234
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	3%	12%	28%	23%	25%	8%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	1	5	12	10	11	4	0	0	50

Speeds - Average: 71.5 50% : 71.5 67% : 75.2 85% : 78.8 10mph Pace: 65.0 - 74.9 (50.4%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	2	0	4	1	1	2	0	0	10
Wed	00:15	0	0	0	0	0	0	0	0	0	1	7	5	2	0	0	0	15
	00:30	0	0	0	0	0	0	0	0	0	3	2	1	1	0	0	0	7
	00:45	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	01:00	0	0	0	0	0	0	0	1	2	0	3	2	0	0	0	0	8
	01:15	0	0	0	0	0	0	0	0	0	1	7	2	1	0	0	0	11
	01:30	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	0	5
	01:45	0	0	0	0	0	0	0	0	0	1	4	1	1	0	0	0	7
	02:00	0	0	0	0	0	0	0	0	1	2	4	0	1	0	0	0	8
	02:15	0	0	0	0	0	0	0	0	1	1	1	2	1	0	0	0	6
	02:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	1	2	8	1	0	0	0	0	12
	03:00	0	0	0	0	0	0	0	0	2	2	3	3	1	0	0	0	11
	03:15	0	0	0	0	0	0	0	0	0	3	4	1	1	0	0	0	9
	03:30	0	0	0	0	0	0	0	0	1	4	6	0	0	1	0	0	12
	03:45	0	0	0	0	0	0	0	0	1	3	1	0	1	0	0	0	6
	04:00	0	0	0	0	0	0	0	0	0	4	1	2	0	0	0	0	7
	04:15	0	0	0	0	0	0	0	0	1	4	6	0	4	1	0	0	16
	04:30	0	0	0	0	0	0	0	0	1	1	5	1	1	0	0	0	9
	04:45	0	0	0	0	0	0	0	0	0	3	5	3	1	0	0	0	12
	05:00	0	0	0	0	0	0	0	0	4	2	4	4	3	2	0	0	19
	05:15	0	0	0	0	0	0	0	1	0	4	7	2	7	1	1	0	23
	05:30	0	0	0	0	0	0	0	0	1	6	6	2	5	2	0	0	22
	05:45	0	0	0	0	0	0	0	1	0	5	7	6	12	2	0	0	33
	06:00	0	0	0	0	0	0	0	0	0	3	9	6	10	2	0	0	30
	06:15	0	0	0	0	0	0	0	0	0	6	19	9	11	6	1	0	52
	06:30	0	0	0	0	0	0	0	0	1	8	8	12	16	7	0	0	52
	06:45	0	0	0	0	0	0	0	0	2	5	7	10	14	5	2	0	45
	07:00	0	0	0	0	0	0	0	0	2	7	11	20	24	5	1	0	70
	07:15	0	0	0	0	0	0	0	0	4	7	34	22	17	7	0	0	91
	07:30	0	0	0	0	0	0	0	0	0	6	18	24	32	10	0	0	90
	07:45	0	0	0	0	0	0	0	0	3	6	19	23	14	5	0	0	70
	08:00	0	0	0	0	0	0	0	0	1	9	17	11	21	7	1	0	67
	08:15	0	0	0	0	0	0	0	0	1	5	18	17	15	10	0	0	66
	08:30	0	0	0	0	0	0	0	1	3	11	16	20	22	4	0	0	77
	08:45	0	0	0	0	0	0	0	0	2	16	15	11	20	5	0	0	69
	09:00	0	0	0	0	0	0	0	1	4	5	21	10	20	6	0	0	67
	09:15	0	0	0	0	0	0	0	0	1	4	24	24	17	3	1	0	74
	09:30	0	0	0	0	0	0	0	0	1	9	25	15	15	3	0	0	68
	09:45	0	0	0	0	0	0	0	1	0	5	23	19	18	3	0	0	69
	10:00	0	0	0	0	0	0	0	0	2	11	22	15	25	3	0	0	78
	10:15	1	0	0	0	0	0	0	0	5	14	25	19	18	9	1	0	92
	10:30	0	0	0	0	0	0	0	0	1	12	30	17	11	6	0	0	77
	10:45	0	0	0	0	0	0	1	1	4	14	14	17	18	3	0	0	72
	11:00	0	0	0	0	0	0	0	0	2	7	21	14	17	4	1	0	66
	11:15	0	0	0	0	0	0	0	0	1	12	17	22	19	5	0	0	76
	11:30	0	0	0	0	0	1	0	0	2	11	16	15	15	7	1	0	68
	11:45	0	0	0	0	0	0	0	2	3	4	12	15	14	6	0	0	56
	12:00	0	0	0	0	0	0	0	0	2	11	24	19	19	3	0	0	78
	12:15	0	0	0	0	0	0	0	0	1	7	17	17	16	7	0	0	65

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	9	21	25	18	2	1	0	76
Wed	12:45	0	0	0	0	0	0	0	0	2	3	24	10	25	10	0	0	74
	13:00	1	0	0	0	0	0	0	0	1	8	21	17	9	5	0	0	62
	13:15	0	0	0	0	0	0	0	1	1	5	19	10	17	7	0	0	60
	13:30	0	0	0	0	0	0	0	0	0	10	20	14	18	8	0	0	70
	13:45	0	0	0	0	0	1	0	1	1	3	23	18	17	6	0	0	70
	14:00	0	0	0	0	0	0	0	0	5	10	17	13	15	3	0	0	63
	14:15	0	0	0	0	0	0	0	0	3	14	20	13	18	2	1	0	71
	14:30	0	0	0	0	0	0	0	0	3	8	28	21	16	2	1	0	79
	14:45	0	0	0	0	0	0	1	0	0	9	26	16	18	4	0	0	74
	15:00	0	0	0	0	0	0	0	0	2	16	19	17	23	4	0	0	81
	15:15	0	0	0	0	0	0	0	0	5	9	22	16	15	4	0	0	71
	15:30	0	0	0	0	0	0	0	0	1	13	31	13	15	5	0	0	78
	15:45	0	0	0	0	0	0	0	0	1	9	21	12	17	8	0	0	68
	16:00	0	1	0	0	0	0	0	0	4	11	26	17	12	7	0	0	78
	16:15	0	0	0	0	0	0	0	0	0	9	14	15	19	4	1	0	62
	16:30	0	0	0	0	0	0	0	0	6	6	20	17	16	11	0	0	76
	16:45	0	0	0	0	0	0	0	1	2	7	20	13	11	5	0	0	59
	17:00	0	0	0	0	0	0	0	0	0	6	23	15	20	4	0	0	68
	17:15	0	0	0	0	0	0	0	1	2	10	18	18	13	4	0	0	66
	17:30	0	0	0	0	0	0	0	1	5	6	22	13	18	7	0	0	72
	17:45	0	0	0	0	0	0	0	0	3	7	14	18	17	0	0	0	59
	18:00	0	0	1	0	0	0	0	0	1	7	13	16	13	10	0	0	61
	18:15	0	0	0	0	0	0	0	0	3	8	16	13	13	9	1	0	63
	18:30	0	0	0	0	0	0	0	0	0	5	19	11	9	4	0	0	48
	18:45	0	0	0	0	0	0	0	0	1	6	17	12	12	2	0	0	50
	19:00	0	0	0	0	0	0	0	0	5	4	15	15	12	4	0	0	55
	19:15	0	0	0	0	0	0	0	1	0	7	7	8	9	6	0	0	38
	19:30	0	0	0	0	0	0	0	1	1	8	8	8	10	2	2	0	40
	19:45	0	0	0	0	0	0	0	0	1	1	16	6	7	3	1	0	35
	20:00	0	0	0	0	0	0	1	0	1	4	16	6	5	0	0	0	33
	20:15	0	0	0	0	0	0	1	0	5	3	12	8	4	1	0	0	34
	20:30	0	0	0	0	0	0	0	0	6	4	9	7	2	0	0	0	28
	20:45	0	0	0	0	0	0	0	0	8	9	10	5	5	4	0	0	41
	21:00	0	0	0	0	0	0	0	1	4	7	8	6	3	1	0	0	30
	21:15	0	0	0	0	0	0	0	0	4	5	7	3	5	1	0	0	25
	21:30	0	0	0	0	0	0	0	0	2	7	15	8	2	1	0	0	35
	21:45	0	0	0	0	0	0	0	1	1	6	6	2	7	0	0	0	23
	22:00	0	0	0	0	0	0	0	1	1	4	9	3	5	3	0	0	26
	22:15	0	0	0	0	0	0	1	0	2	3	3	2	3	5	0	0	19
	22:30	0	0	0	0	0	0	0	0	5	3	4	4	2	3	0	0	21
	22:45	0	0	0	0	0	0	0	0	0	0	5	7	2	4	1	0	19
	23:00	0	0	0	0	0	0	0	0	0	2	6	1	4	4	0	0	17
	23:15	0	0	0	0	0	0	0	0	1	2	5	4	1	0	0	0	13
	23:30	0	0	0	0	0	0	0	0	2	0	5	2	1	0	0	0	10
	23:45	0	0	0	0	0	0	0	0	1	1	2	3	2	0	0	0	9

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	1	1	0	0	2	5	19	168	564	1283	966	1008	331	19	0	4369
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	4%	13%	29%	22%	23%	8%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	2	6	13	10	11	3	0	0	43

Speeds - Average: 71.0 50% : 70.8 67% : 74.6 85% : 78.5 10mph Pace: 65.0 - 74.9 (51.5%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	1	2	1	4	1	2	1	0	0	12
Thu	00:15	0	0	0	0	0	0	0	0	0	2	4	3	3	1	0	0	13
	00:30	0	0	0	0	0	0	0	0	0	0	4	2	0	1	0	0	7
	00:45	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	0	7
	01:00	0	0	0	0	0	0	0	0	2	3	1	0	1	0	0	0	7
	01:15	0	0	0	0	0	0	0	0	1	3	2	1	1	0	0	0	8
	01:30	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	6
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	1	1	2	0	2	0	0	0	6
	02:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	02:30	0	0	0	0	0	1	0	0	0	1	7	2	0	0	0	0	11
	02:45	0	0	0	0	0	0	0	0	1	3	4	2	1	1	0	0	12
	03:00	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	5
	03:15	0	0	0	0	0	0	0	0	1	2	3	2	1	0	0	0	9
	03:30	0	0	0	0	0	0	0	0	2	0	7	2	0	0	0	0	11
	03:45	0	0	0	0	0	0	0	0	2	3	5	3	0	0	0	0	13
	04:00	0	0	0	0	0	0	0	0	2	0	8	6	0	1	0	0	17
	04:15	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	3
	04:30	0	0	0	0	0	0	0	0	1	1	6	2	2	0	0	0	12
	04:45	0	0	0	0	0	0	0	0	1	1	5	4	3	3	0	0	17
	05:00	0	0	0	0	0	0	0	0	1	2	4	6	3	2	0	0	18
	05:15	0	0	0	0	0	0	0	0	0	0	6	4	3	1	0	0	14
	05:30	0	0	0	0	0	0	0	1	1	4	4	5	5	3	0	0	23
	05:45	0	0	0	0	0	0	0	1	1	4	5	4	4	6	0	0	25
	06:00	0	0	0	0	0	0	0	0	0	6	6	3	8	2	1	0	26
	06:15	0	0	0	0	0	0	0	1	0	4	10	9	7	6	0	0	37
	06:30	0	0	0	0	0	0	0	0	0	5	13	15	11	11	1	0	56
	06:45	0	0	0	0	0	0	0	0	0	4	15	6	9	12	0	0	46
	07:00	0	0	0	0	0	0	0	0	1	4	15	14	22	13	0	0	69
	07:15	0	0	0	0	0	0	0	0	0	9	17	17	19	16	0	0	78
	07:30	1	0	0	0	0	0	0	1	0	4	15	13	23	19	4	0	80
	07:45	0	0	0	0	0	0	0	0	1	1	12	13	26	11	2	0	66
	08:00	0	0	0	0	0	0	0	0	0	6	15	14	13	17	1	0	66
	08:15	0	0	0	0	0	0	0	0	0	4	15	13	17	5	1	0	55
Daily Total :		1	0	0	0	0	1	0	6	21	82	225	171	187	134	10	0	838
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	3%	10%	27%	20%	22%	16%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	1	2	7	5	6	4	0	0	45

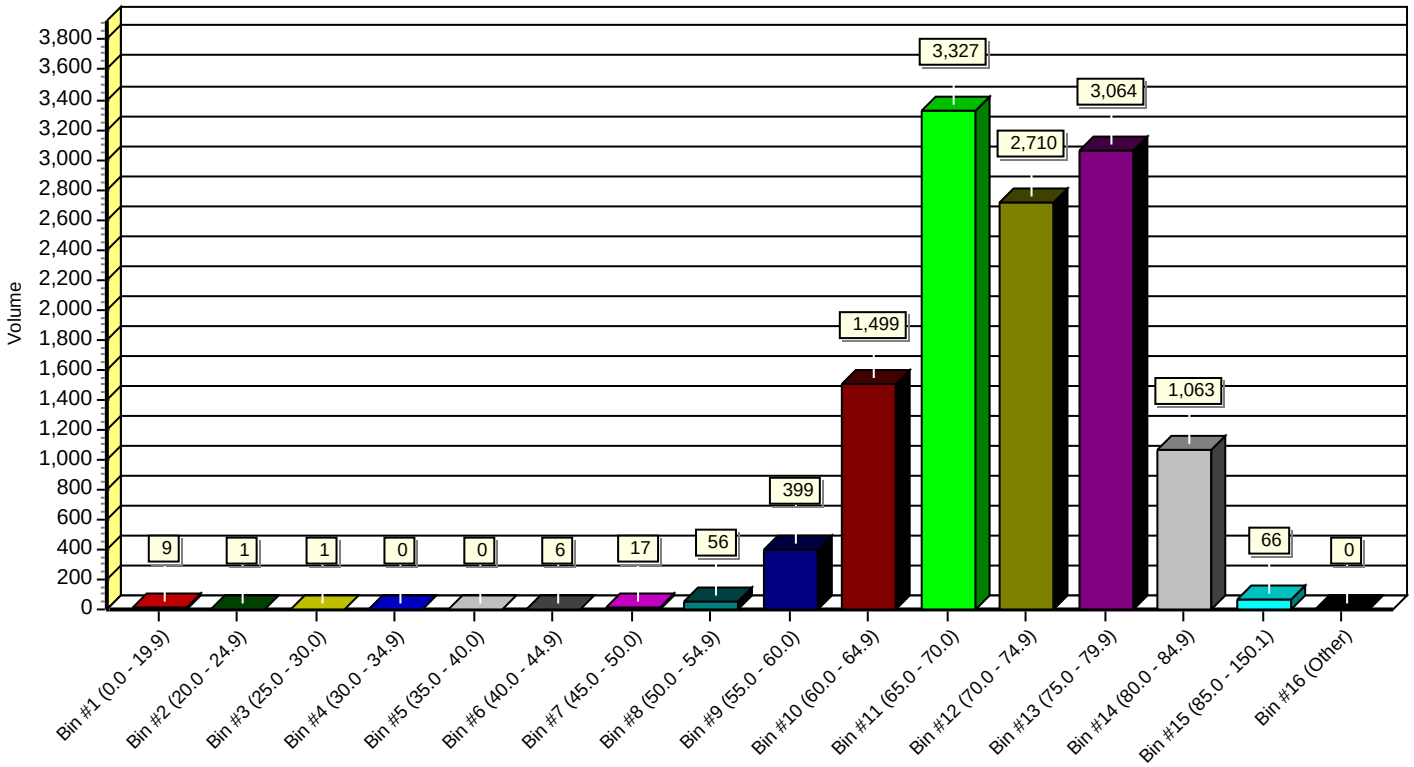
Speeds - Average: 72.8 50% : 72.5 67% : 76.7 85% : 81.0 10mph Pace: 65.0 - 74.9 (47.3%)

Basic Speed Class Summary: 2D0022456

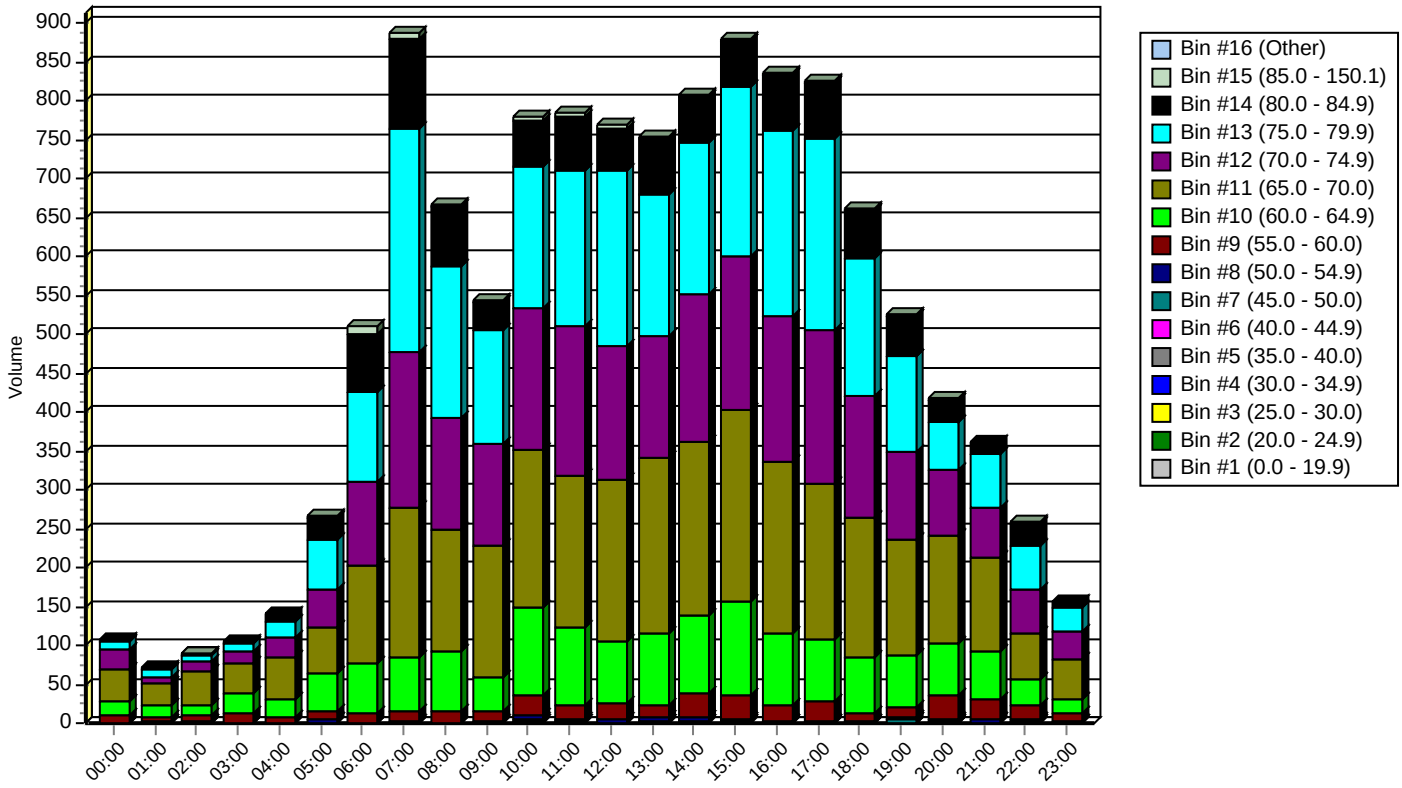
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	9	1	1	0	0	6	17	56	399	1499	3327	2710	3064	1063	66	0	12218
		9	1	1	0	0	6	17	56	399	1499	3327	2710	3064	1063	66	0	12218
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	3%	12%	27%	22%	25%	9%	1%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	3%	12%	27%	22%	25%	9%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	1	5	12	10	11	4	0	0	43
		0	0	0	0	0	0	0	0	1	5	12	10	11	4	0	0	43
Days & ADT :	#1.	2.9	4174															
		2.9	4174															
Avg,50,67,85%:	#1.	71.6	71.6	75.4	78.9	65.0	- 74.9	49%										
		71.6	71.6	75.4	78.9	65.0	- 74.9	49%										

2D0022456 Speed Class Charts For Data From: 10:15 - 04/11/2011 To: 08:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0022456

Station ID : 2P0022456
Info Line 1 : W 434 EB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 2P0022456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14607
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.			Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 09:30 - 04/11/2011 To: 07:44 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	09:30	0	12	6	0	0	0	0	0	0	0	0	0	0	0	18
Mon	09:45	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
	10:00	0	3	12	0	0	0	0	0	0	0	0	0	0	0	15
	10:15	0	6	4	0	0	0	0	0	1	0	0	0	0	0	11
	10:30	0	9	10	0	0	0	0	0	0	0	0	0	0	0	19
	10:45	0	5	5	0	0	0	0	0	0	0	0	0	0	0	10
	11:00	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	11:15	0	9	5	0	0	0	0	0	0	0	0	0	0	0	14
	11:30	0	11	5	0	0	0	0	0	0	0	0	0	0	0	16
	11:45	0	12	9	0	0	0	0	1	0	0	0	0	0	0	22
	12:00	0	5	3	0	1	0	0	0	0	0	0	0	0	0	9
	12:15	0	6	6	0	0	0	0	0	0	0	0	0	0	0	12
	12:30	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	12:45	0	9	3	0	1	0	0	0	0	0	0	0	0	0	13
	13:00	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
	13:15	0	8	7	0	0	0	0	0	1	0	0	0	0	0	16
	13:30	0	4	5	0	0	0	0	0	0	0	0	0	0	0	9
	13:45	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	14:00	0	11	6	0	0	0	0	0	0	0	0	0	0	0	17
	14:15	0	8	13	0	1	0	0	0	1	0	0	0	0	0	23
	14:30	0	9	3	0	1	0	0	0	1	0	0	0	0	0	14
	14:45	0	7	8	0	0	0	0	0	0	0	0	0	0	0	15
	15:00	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	15:15	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	15:30	0	5	5	0	0	0	0	0	0	0	0	0	0	0	10
	15:45	0	3	6	0	0	0	0	0	0	0	0	0	0	0	9
	16:00	0	9	7	0	0	0	0	0	0	0	0	0	0	0	16
	16:15	0	12	6	0	0	0	0	0	0	0	0	0	0	0	18
	16:30	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	16:45	0	4	3	0	1	0	0	0	0	0	0	0	0	0	8
	17:00	0	8	5	0	1	0	0	0	0	0	0	0	0	0	14
	17:15	0	4	7	0	0	0	0	0	1	0	0	0	0	0	12
	17:30	0	9	2	0	0	0	0	0	0	0	0	0	0	0	11
	17:45	0	6	1	0	1	0	0	0	0	0	0	0	0	0	8

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	18:00	0	3	4	0	0	0	0	0	1	0	0	0	0	0	8
Mon	18:15	0	7	2	0	0	0	0	0	1	0	0	0	0	0	10
	18:30	0	3	6	0	0	0	0	0	0	0	0	0	0	0	9
	18:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	19:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	19:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	19:30	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	19:45	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	20:00	0	2	2	0	0	0	0	0	1	0	0	0	0	0	5
	20:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	20:30	0	3	0	0	0	0	0	0	0	0	0	0	1	0	4
	20:45	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	21:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	21:15	0	1	3	1	0	0	0	0	0	0	0	0	0	0	5
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Daily Total :		0	276	210	1	7	0	0	1	9	0	0	0	2	0	506
Percent :		0%	55%	42%	0%	1%	0%	0%	0%	2%	0%	0%	0%	0%	0%	
Average :		0	5	4	0	0	0	0	0	0	0	0	0	0	0	9

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Tue	00:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	1	0	0	0	0	0	0	0	0	0	1	0	3
	04:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	05:00	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
	05:15	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	05:30	0	5	5	0	0	0	0	0	0	0	0	0	0	0	10
	05:45	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
	06:00	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
	06:15	0	9	8	0	0	0	0	0	0	0	0	0	0	0	17
	06:30	0	19	13	0	0	0	0	0	1	0	0	0	0	0	33
	06:45	0	10	2	0	0	0	0	0	0	0	0	0	0	0	12
	07:00	0	9	8	0	1	0	0	0	0	0	0	0	0	0	18
	07:15	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
	07:30	0	3	7	0	1	0	0	0	0	0	0	0	0	0	11
	07:45	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	08:00	0	4	3	0	0	0	0	1	0	0	0	0	0	0	8
	08:15	0	10	6	0	0	0	0	1	1	0	0	0	0	0	18
	08:30	0	8	4	0	0	0	0	0	1	0	0	0	0	0	13
	08:45	0	7	6	0	0	0	0	0	1	0	0	0	0	0	14
	09:00	0	8	6	0	0	0	0	1	0	0	0	0	0	0	15
	09:15	0	7	11	0	1	0	0	0	1	0	0	0	0	0	20
	09:30	0	5	7	0	0	0	0	0	2	0	0	0	0	1	15
	09:45	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
	10:00	0	6	9	0	1	0	0	0	0	0	0	0	0	0	16
	10:15	0	11	8	0	0	0	0	0	0	0	0	0	0	0	19
	10:30	1	10	6	0	0	0	0	1	1	0	0	0	0	0	19
	10:45	0	10	12	0	0	0	0	0	4	1	0	0	0	0	27
	11:00	0	6	5	0	0	0	0	0	0	0	0	0	0	1	12
	11:15	0	9	10	0	0	0	0	0	1	0	0	0	0	0	20
	11:30	0	19	19	0	0	0	0	1	14	0	0	0	1	0	54
	11:45	0	4	11	1	2	0	0	0	7	0	1	0	0	0	26
	12:00	0	8	9	0	0	0	0	0	1	0	0	0	0	0	18
	12:15	0	8	10	0	0	0	0	0	0	0	0	0	0	0	18

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	5	4	0	1	0	0	0	0	0	0	0	0	0	10
Tue	12:45	0	6	4	0	0	0	0	1	0	0	0	0	0	0	11
	13:00	0	6	5	0	0	0	0	1	0	0	0	0	0	0	12
	13:15	0	12	7	1	0	0	0	0	1	0	0	0	0	0	21
	13:30	0	4	11	0	2	0	0	0	1	0	0	0	0	0	18
	13:45	0	13	9	0	0	0	0	0	0	0	0	0	0	1	23
	14:00	0	4	3	0	0	0	0	1	0	0	0	0	0	0	8
	14:15	0	11	3	0	0	0	0	0	1	0	0	0	0	0	15
	14:30	0	2	12	0	0	0	0	0	2	0	0	0	0	0	16
	14:45	0	5	14	0	0	0	0	0	0	0	0	0	0	0	19
	15:00	0	14	3	0	0	0	0	0	1	0	0	0	0	0	18
	15:15	0	15	15	1	1	0	0	0	6	0	0	0	0	0	38
	15:30	0	9	9	0	0	0	0	0	3	0	0	0	0	0	21
	15:45	0	6	5	0	1	0	0	0	1	0	0	0	0	0	13
	16:00	0	10	6	0	0	0	0	0	1	0	0	0	0	0	17
	16:15	0	3	10	0	0	0	0	0	1	0	0	0	0	0	14
	16:30	0	13	8	0	1	0	0	0	0	0	0	0	0	0	22
	16:45	0	6	6	0	0	0	0	0	1	0	0	0	0	0	13
	17:00	0	6	7	0	0	0	0	0	0	0	0	0	0	0	13
	17:15	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	17:30	0	7	8	1	0	0	0	0	0	0	0	0	0	0	16
	17:45	0	4	7	0	1	0	0	0	0	0	0	0	0	0	12
	18:00	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	18:15	0	4	4	1	1	0	0	0	0	0	0	0	0	0	10
	18:30	0	3	5	0	0	0	0	0	0	0	0	0	0	0	8
	18:45	0	1	2	0	0	0	0	0	1	1	0	0	0	1	6
	19:00	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	19:15	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
	19:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	19:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	20:00	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	20:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	20:30	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	20:45	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	21:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	21:15	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	21:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Daily Total :		1	431	404	5	14	0	0	9	58	2	1	1	2	4	932
	Percent :	0%	46%	43%	1%	2%	0%	0%	1%	6%	0%	0%	0%	0%	0%	
	Average :	0	4	4	0	0	0	0	0	1	0	0	0	0	0	9

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
	05:30	0	4	5	0	0	0	0	0	0	0	0	0	0	0	9
	05:45	0	7	5	0	0	0	0	0	1	0	0	0	0	0	13
	06:00	0	6	2	0	0	0	0	0	1	0	0	0	0	0	9
	06:15	0	19	11	0	0	0	0	1	1	0	0	0	0	0	32
	06:30	0	13	6	0	0	0	0	0	0	0	0	0	0	0	19
	06:45	0	15	8	0	1	0	0	0	0	0	0	0	0	0	24
	07:00	0	12	6	0	0	0	0	0	0	0	0	0	0	0	18
	07:15	0	6	9	0	0	0	0	0	0	0	0	0	0	0	15
	07:30	0	11	8	0	1	0	0	0	1	0	0	0	0	0	21
	07:45	0	7	6	0	1	0	0	0	0	0	0	0	0	0	14
	08:00	0	6	10	0	0	0	0	0	0	0	0	0	0	0	16
	08:15	0	10	6	0	0	0	0	0	1	0	0	0	0	0	17
	08:30	0	9	13	0	0	0	0	0	0	0	0	0	0	0	22
	08:45	0	11	7	0	0	0	0	0	1	0	0	0	0	0	19
	09:00	0	9	2	0	1	0	0	0	0	0	0	0	0	0	12
	09:15	0	16	8	0	2	0	0	0	3	1	0	0	0	0	30
	09:30	0	12	3	0	0	0	0	0	0	0	0	0	0	0	15
	09:45	0	7	8	0	0	0	0	0	0	1	0	0	0	0	16
	10:00	0	8	8	0	1	0	0	0	1	0	0	0	0	0	18
	10:15	0	15	7	0	1	0	0	0	1	0	0	0	0	0	24
	10:30	0	11	5	0	0	0	0	0	1	1	0	0	0	0	18
	10:45	0	10	10	0	0	0	0	0	0	0	0	0	0	0	20
	11:00	0	6	7	1	1	0	0	0	0	0	0	0	0	0	15
	11:15	0	7	6	0	0	0	0	0	0	0	0	0	0	0	13
	11:30	0	6	6	0	0	0	0	0	0	0	0	0	0	0	12
	11:45	0	6	7	0	0	1	0	0	0	0	0	0	0	0	14
	12:00	0	8	6	0	0	0	0	0	0	0	0	0	0	0	14
	12:15	0	2	5	0	0	0	0	0	1	0	0	0	0	0	8

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	4	8	0	0	0	0	0	1	0	0	0	0	0	13
Wed	12:45	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
	13:00	0	8	11	0	0	0	0	0	1	0	0	0	0	0	20
	13:15	0	11	7	0	0	0	0	0	2	0	0	0	0	0	20
	13:30	0	6	9	0	2	0	0	0	0	0	0	0	0	0	17
	13:45	0	5	9	0	0	0	0	0	2	0	0	0	0	0	16
	14:00	0	12	14	0	0	0	0	0	0	0	0	0	0	0	26
	14:15	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
	14:30	0	14	12	0	1	0	0	0	2	0	0	0	0	0	29
	14:45	2	5	9	0	0	0	0	0	1	0	0	0	0	2	19
	15:00	0	16	8	0	1	0	0	0	0	0	0	0	0	0	25
	15:15	0	8	6	0	0	0	0	0	2	0	0	0	0	0	16
	15:30	0	14	7	0	0	0	0	0	0	0	0	0	0	0	21
	15:45	0	6	16	0	0	0	0	0	0	0	0	0	0	0	22
	16:00	0	4	7	0	0	0	0	0	0	0	0	0	0	0	11
	16:15	0	17	12	0	1	0	0	0	2	0	0	0	0	0	32
	16:30	0	11	10	0	1	0	0	0	0	0	0	0	0	0	22
	16:45	0	5	8	0	1	0	0	0	0	0	0	0	0	0	14
	17:00	0	8	7	0	0	0	0	0	0	0	0	0	0	0	15
	17:15	0	7	9	0	1	0	0	0	0	0	0	0	0	0	17
	17:30	0	6	3	0	0	0	0	0	1	0	0	0	0	0	10
	17:45	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
	18:00	0	6	6	0	0	0	0	0	0	0	0	0	0	0	12
	18:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	18:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	18:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	19:00	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	19:15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	19:30	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	19:45	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	20:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	20:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	20:30	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8
	20:45	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	21:00	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	21:15	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
	21:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Daily Total :		2	501	411	1	18	1	0	1	31	3	0	0	2	2	973
	Percent :	0%	51%	42%	0%	2%	0%	0%	0%	3%	0%	0%	0%	0%	0%	
	Average :	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9

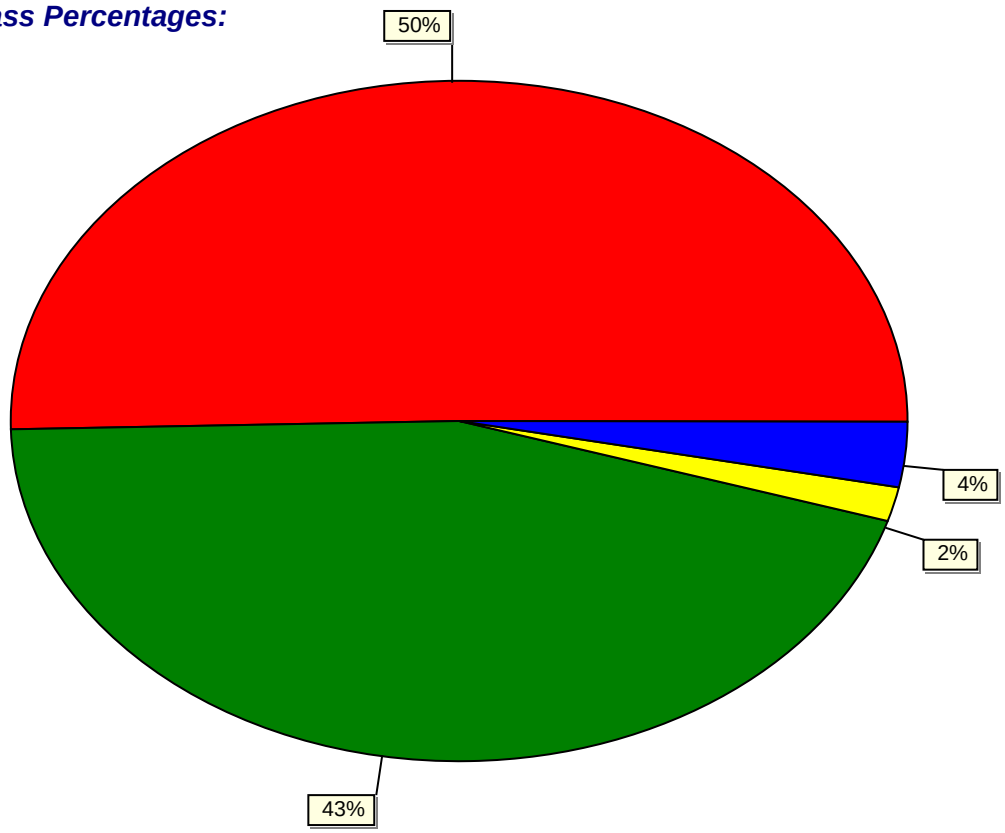
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	03:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	2	1	0	0	0	0	0	0	0	0	1	0	0	4
	04:15	0	2	0	0	0	0	0	0	1	0	0	0	1	0	4
	04:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	1	2	0	0	0	0	0	2	0	0	0	0	0	5
	05:30	0	3	7	0	1	0	0	0	0	0	0	0	0	0	11
	05:45	0	4	1	0	0	0	0	0	0	0	0	1	0	0	6
	06:00	0	10	6	0	0	0	0	0	1	0	0	0	0	0	17
	06:15	0	8	10	0	0	0	0	0	1	0	0	0	0	0	19
	06:30	0	13	8	0	0	0	0	0	1	0	0	0	0	0	22
	06:45	0	6	10	0	0	0	0	0	0	0	0	0	0	0	16
	07:00	0	6	10	0	0	0	0	0	0	0	0	0	0	0	16
	07:15	0	3	6	0	0	0	0	0	0	0	0	0	0	0	9
Daily Total :		0	60	63	0	1	0	0	0	7	0	0	2	2	0	135
Percent :		0%	44%	47%	0%	1%	0%	0%	0%	5%	0%	0%	1%	1%	0%	
Average :		0	2	2	0	0	0	0	0	0	0	0	0	0	0	4

Basic Axle Class Summary: 2P0022456

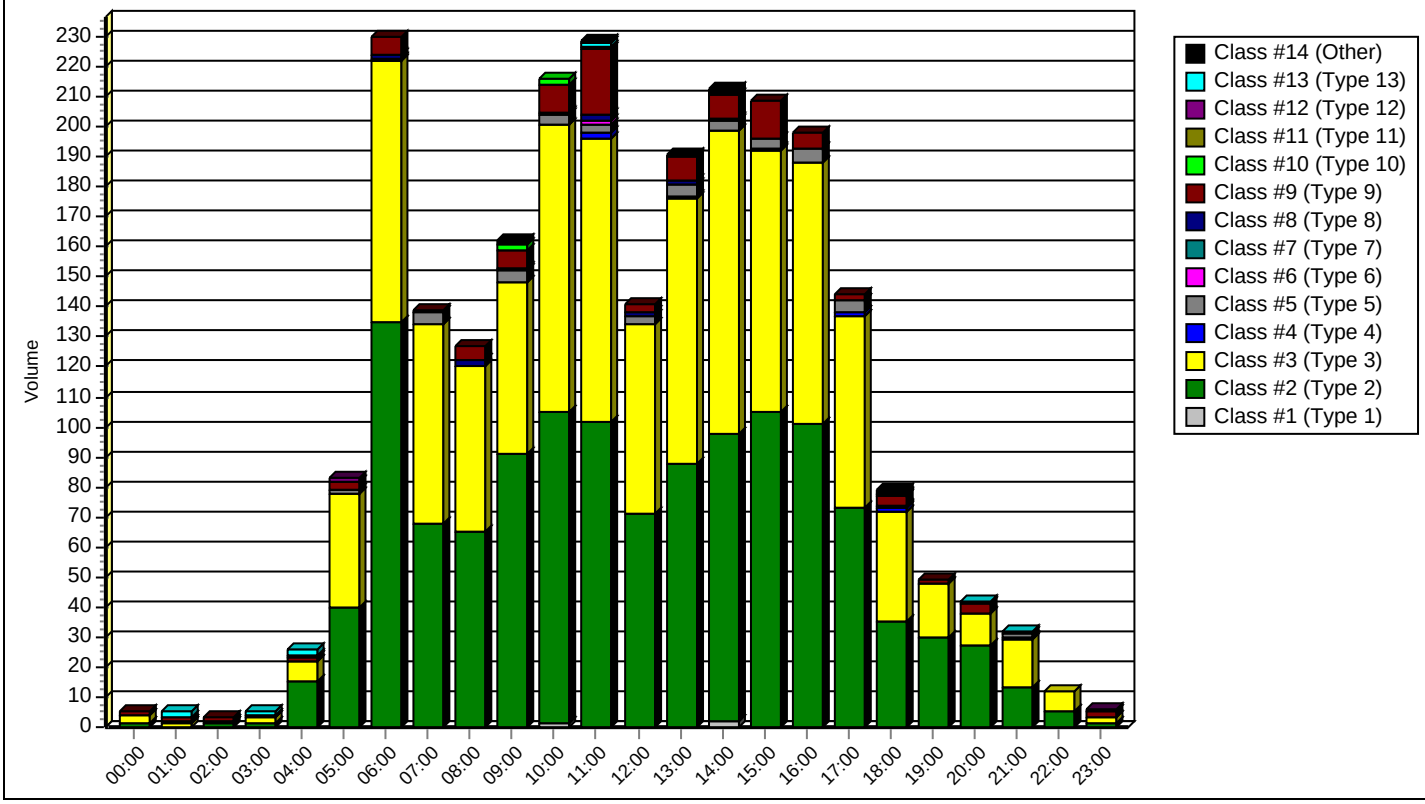
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	3	1268	1088	7	40	1	0	11	105	5	1	3	8	6	2546
		3	1268	1088	7	40	1	0	11	105	5	1	3	8	6	2546
Percents :	#1.	0%	50%	43%	0%	2%	0%	0%	0%	4%	0%	0%	0%	0%	0%	100%
		0%	50%	43%	0%	2%	0%	0%	0%	4%	0%	0%	0%	0%	0%	
Average :	#1.	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
		0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
Days & ADT :	#1.	2.9	872													
		2.9	872													

2P0022456 Axle Class Charts For Data From: 09:30 - 04/11/2011 To: 07:44 - 04/14/2011

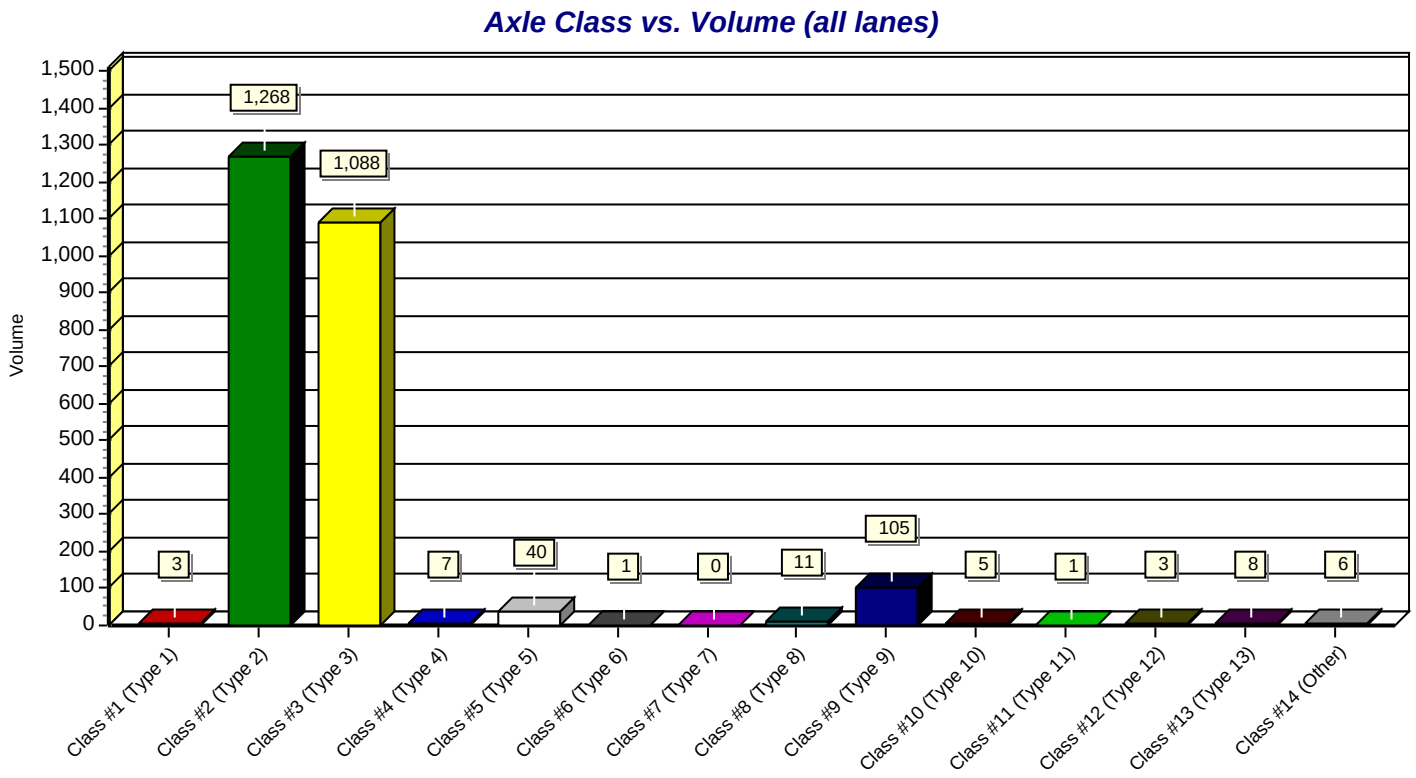
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0022456 Axle Class Charts For Data From: 09:30 - 04/11/2011 To: 07:44 - 04/14/2011



Basic Speed Classification Report: 2P0022456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.			Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 09:30 - 04/11/2011 To: 07:44 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	09:30	0	0	0	0	0	0	0	0	0	0	0	3	8	5	2	0	18
Mon	09:45	0	0	0	0	0	0	0	0	0	0	1	0	4	6	1	0	12
	10:00	0	0	0	0	0	0	0	0	0	0	0	0	4	3	8	0	15
	10:15	0	0	0	0	0	0	0	0	0	0	1	0	0	9	1	0	11
	10:30	0	0	0	0	0	0	0	0	0	0	0	2	4	8	5	0	19
	10:45	0	0	0	0	0	0	0	0	0	0	0	1	5	4	0	0	10
	11:00	0	0	0	0	0	0	0	0	0	0	1	3	2	5	0	0	11
	11:15	0	0	0	0	0	0	0	0	0	0	0	1	6	6	1	0	14
	11:30	0	0	0	0	0	0	0	0	0	0	0	0	8	7	1	0	16
	11:45	0	0	0	0	0	0	0	0	0	0	1	2	4	13	2	0	22
	12:00	0	0	0	0	0	0	0	0	0	0	0	2	0	7	0	0	9
	12:15	0	0	0	0	0	0	0	0	0	0	0	1	4	6	1	0	12
	12:30	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	6
	12:45	0	0	0	0	0	0	0	0	0	0	0	1	2	9	1	0	13
	13:00	0	0	0	0	0	0	0	0	0	0	0	1	3	4	2	0	10
	13:15	0	0	0	0	0	0	0	0	0	0	1	1	2	10	2	0	16
	13:30	0	0	0	0	0	0	0	0	0	0	0	1	1	4	3	0	9
	13:45	0	0	0	0	0	0	0	0	0	0	0	2	2	4	1	0	9
	14:00	0	0	0	0	0	0	0	0	0	0	0	2	7	6	2	0	17
	14:15	0	0	0	0	0	0	0	0	0	0	0	3	6	9	5	0	23
	14:30	0	0	0	0	0	0	0	0	0	0	0	2	6	4	2	0	14
	14:45	0	0	0	0	0	0	0	0	0	0	0	1	4	8	2	0	15
	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	5
	15:15	0	0	0	0	0	0	0	0	0	0	0	3	3	4	1	0	11
	15:30	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	0	10
	15:45	0	0	0	0	0	0	0	0	0	0	0	0	2	5	2	0	9
	16:00	0	0	0	0	0	0	0	0	0	0	0	4	3	5	4	0	16
	16:15	0	0	0	0	0	0	0	0	0	0	0	1	6	7	4	0	18
	16:30	0	0	0	0	0	0	0	0	0	0	0	0	6	5	0	0	11
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	2	5	1	0	8
	17:00	0	0	0	0	0	0	0	0	0	0	0	1	2	9	2	0	14
	17:15	0	0	0	0	0	0	0	0	0	0	1	1	3	6	1	0	12
	17:30	0	0	0	0	0	0	0	0	0	0	0	2	5	2	2	0	11
	17:45	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	0	8
	18:00	0	0	0	0	0	0	0	0	0	0	0	2	4	2	0	0	8
	18:15	0	0	0	0	0	0	0	0	0	0	0	0	2	7	1	0	10
	18:30	0	0	0	0	0	0	0	0	0	0	0	0	6	2	1	0	9
	18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	19:00	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	4
	19:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	19:30	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	0	6
Mon	19:45	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	4
	20:00	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	5
	20:15	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	20:30	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	4
	20:45	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	3
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	21:15	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	5
	21:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Daily Total :		0	0	0	0	0	0	0	0	0	1	9	51	146	228	71	0	506
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	10%	29%	45%	14%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	0	1	3	4	1	0	9

Speeds - Average: 84.6 50% : 81.1 67% : 82.9 85% : 84.9 10mph Pace: 75.1 - 85.0 (73.9%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	3
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	4
	05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	4
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	5
	05:30	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	0	10
	05:45	0	0	0	0	0	0	0	0	0	0	0	1	2	5	4	0	12
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	10
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	3	12	2	0	17
	06:30	0	0	0	0	0	0	0	0	0	0	1	6	5	16	5	0	33
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	2	8	2	0	12
	07:00	0	0	0	0	0	0	0	0	0	0	1	2	3	9	3	0	18
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	3	5	1	0	9
	07:30	0	0	0	0	0	0	0	0	0	0	1	1	1	8	0	0	11
	07:45	0	0	0	0	0	0	0	0	0	0	0	0	2	5	1	0	8
	08:00	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	0	8
	08:15	0	0	0	0	0	0	0	0	0	0	0	1	4	10	3	0	18
	08:30	0	0	0	0	0	0	0	0	0	0	0	1	6	3	3	0	13
	08:45	0	0	0	0	0	0	0	0	0	0	0	2	6	3	3	0	14
	09:00	0	0	0	0	0	0	0	0	0	0	0	1	7	5	2	0	15
	09:15	0	0	0	0	0	0	0	0	0	0	1	3	0	15	1	0	20
	09:30	0	0	0	0	0	0	0	0	0	0	0	3	6	4	2	0	15
	09:45	0	0	0	0	0	0	0	0	0	0	0	0	3	4	2	0	9
	10:00	0	0	0	0	0	0	0	0	0	0	2	3	3	5	3	0	16
	10:15	0	0	0	0	0	0	0	0	0	0	0	1	4	10	4	0	19
	10:30	0	0	0	0	0	0	0	0	0	0	1	4	7	6	1	0	19
	10:45	0	0	0	0	0	0	0	0	1	1	3	6	3	9	4	0	27
	11:00	0	0	0	0	0	0	0	0	0	0	1	0	6	4	1	0	12
	11:15	0	0	0	0	0	0	0	0	0	0	0	1	8	10	1	0	20
	11:30	0	0	0	0	0	0	1	0	1	6	13	17	12	4	0	0	54
	11:45	0	0	0	0	0	0	0	1	2	3	9	2	7	2	0	0	26
	12:00	0	0	0	0	0	0	0	0	0	0	1	1	5	9	2	0	18
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	5	10	3	0	18

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	0	0	2	3	5	0	0	10
Tue	12:45	0	0	0	0	0	0	0	0	0	0	0	1	5	3	2	0	11
	13:00	0	0	0	0	0	0	0	0	0	0	2	1	5	4	0	0	12
	13:15	0	0	0	0	0	0	0	0	0	0	2	2	9	5	3	0	21
	13:30	0	0	0	0	0	0	0	0	0	0	0	5	6	6	1	0	18
	13:45	0	0	0	0	0	0	0	0	0	0	2	6	5	5	5	0	23
	14:00	0	0	0	0	0	0	0	0	0	0	0	1	4	3	0	0	8
	14:15	0	0	0	0	0	0	0	0	0	0	0	2	6	7	0	0	15
	14:30	0	0	0	0	0	0	0	0	0	0	0	5	4	5	2	0	16
	14:45	0	0	0	0	0	0	0	0	0	0	0	0	13	6	0	0	19
	15:00	0	0	0	0	0	0	0	0	0	0	0	4	5	8	1	0	18
	15:15	0	0	0	0	0	0	1	0	0	0	4	6	7	18	2	0	38
	15:30	0	0	0	0	0	0	0	0	0	0	0	4	4	11	2	0	21
	15:45	0	0	0	0	0	0	0	0	0	0	0	1	7	4	1	0	13
	16:00	0	0	0	0	0	0	0	0	0	0	1	2	6	7	1	0	17
	16:15	0	0	0	0	0	0	0	0	0	0	0	4	2	6	2	0	14
	16:30	0	0	0	0	0	0	0	0	0	0	1	1	9	10	1	0	22
	16:45	0	0	0	0	0	0	0	0	0	0	0	2	0	8	3	0	13
	17:00	0	0	0	0	0	0	0	0	0	1	0	1	4	4	3	0	13
	17:15	0	0	0	0	0	0	0	0	0	0	0	1	4	2	2	0	9
	17:30	0	0	0	0	0	0	0	0	0	0	0	2	5	6	3	0	16
	17:45	0	0	0	0	0	0	0	0	0	0	0	0	4	6	2	0	12
	18:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3
	18:15	0	0	0	0	0	0	0	0	0	0	0	0	6	3	1	0	10
	18:30	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	0	8
	18:45	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	6
	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5
	19:15	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	4
	19:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	19:45	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	20:00	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	4
	20:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
	20:45	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
	21:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	0	6
	21:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	0	0	0	0	0	2	1	4	11	50	132	258	359	115	0	932
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	5%	14%	28%	39%	12%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	1	1	3	4	1	0	9

Speeds - Average: 82.7 50% : 80.1 67% : 82.3 85% : 84.6 10mph Pace: 75.1 - 85.0 (66.2%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	5
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	0	7
	05:30	0	0	0	0	0	0	0	0	0	0	0	1	1	4	3	0	9
	05:45	0	0	0	0	0	0	0	0	0	0	1	0	0	8	4	0	13
	06:00	0	0	0	0	0	0	0	0	0	0	0	1	1	5	2	0	9
	06:15	0	0	0	0	0	0	0	0	0	0	0	2	9	15	6	0	32
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	3	13	3	0	19
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	6	14	4	0	24
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	6	10	2	0	18
	07:15	0	0	0	0	0	0	0	0	0	0	0	1	6	8	0	0	15
	07:30	0	0	0	0	0	0	0	0	0	0	0	4	9	7	1	0	21
	07:45	0	0	0	0	0	0	0	0	0	0	0	1	7	4	2	0	14
	08:00	0	0	0	0	0	0	0	0	0	0	0	1	6	6	3	0	16
	08:15	0	0	0	0	0	0	0	0	0	0	0	1	6	8	2	0	17
	08:30	0	0	0	0	0	0	0	0	0	0	0	1	13	7	1	0	22
	08:45	0	0	0	0	0	0	0	0	0	0	0	4	7	5	3	0	19
	09:00	0	0	0	0	0	0	0	0	0	0	0	5	4	2	1	0	12
	09:15	0	0	0	0	0	0	0	0	1	2	4	6	6	9	2	0	30
	09:30	0	0	0	0	0	0	0	0	0	0	0	1	5	6	3	0	15
	09:45	0	0	0	0	0	0	0	0	0	0	1	0	4	9	2	0	16
	10:00	0	0	0	0	0	0	0	0	0	0	1	1	6	7	3	0	18
	10:15	0	0	0	0	0	0	0	0	0	0	2	2	4	11	5	0	24
	10:30	0	0	0	0	0	0	0	0	0	0	0	4	3	7	4	0	18
	10:45	0	0	0	0	0	0	0	0	0	0	0	1	8	9	2	0	20
	11:00	0	0	0	0	0	0	0	0	0	0	0	0	4	10	1	0	15
	11:15	0	0	0	0	0	0	0	0	0	0	0	0	3	7	3	0	13
	11:30	0	0	0	0	0	0	0	0	0	0	0	0	4	6	2	0	12
	11:45	0	0	0	0	0	0	0	0	0	0	0	1	5	6	2	0	14
	12:00	0	0	0	0	0	0	0	0	0	0	0	1	5	7	1	0	14
	12:15	0	0	0	0	0	0	0	0	0	1	0	0	3	2	2	0	8

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	0	0	0	1	5	3	4	0	13
Wed	12:45	0	0	0	0	0	0	0	0	0	0	0	0	4	2	3	0	9
	13:00	0	0	0	0	0	0	0	0	0	0	2	0	10	8	0	0	20
	13:15	0	0	0	0	0	0	0	0	0	0	1	6	9	4	0	0	20
	13:30	0	0	0	0	0	0	0	0	0	0	1	4	4	7	1	0	17
	13:45	0	0	0	0	0	0	0	0	0	0	0	5	2	7	2	0	16
	14:00	0	0	0	0	0	0	0	0	0	0	1	3	12	8	2	0	26
	14:15	0	0	0	0	0	0	0	0	0	0	0	0	7	3	2	0	12
	14:30	0	0	0	0	0	0	0	0	0	0	2	0	11	14	2	0	29
	14:45	0	0	0	0	0	0	0	0	0	0	0	3	7	7	2	0	19
	15:00	0	0	0	0	0	0	0	0	0	0	0	1	12	11	1	0	25
	15:15	0	0	0	0	0	0	0	0	0	0	0	1	5	9	1	0	16
	15:30	0	0	0	0	0	0	0	0	0	0	1	2	5	10	3	0	21
	15:45	0	0	0	0	0	0	0	0	0	0	1	4	4	9	4	0	22
	16:00	0	0	0	0	0	0	0	0	0	0	0	1	2	7	1	0	11
	16:15	0	0	0	0	0	0	0	0	0	0	1	5	9	16	1	0	32
	16:30	0	0	0	0	0	0	0	0	0	0	0	5	4	7	6	0	22
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	6	6	2	0	14
	17:00	0	0	0	0	0	0	0	0	0	0	1	1	3	7	3	0	15
	17:15	0	0	0	0	0	0	0	0	0	0	0	1	8	7	1	0	17
	17:30	0	0	0	0	0	0	0	0	0	0	0	4	3	2	1	0	10
	17:45	0	0	0	0	0	0	0	0	0	0	0	0	3	3	1	0	7
	18:00	0	0	0	0	0	0	0	0	0	0	0	1	5	3	3	0	12
	18:15	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	4
	18:30	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	3
	18:45	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0	5
	19:00	0	0	0	0	0	0	0	0	0	0	0	1	3	3	0	0	7
	19:15	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	4
	19:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	19:45	0	0	0	0	0	0	0	0	0	2	0	1	1	3	0	0	7
	20:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	20:30	0	0	0	0	0	0	0	0	0	0	0	2	3	2	1	0	8
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	6
	21:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	3
	21:15	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	3
	21:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
	21:45	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	0	0	0	0	0	0	0	1	6	27	101	312	402	124	0	973
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	10%	32%	41%	13%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	0	1	3	4	1	0	10

Speeds - Average: 83.7 50% : 80.5 67% : 82.6 85% : 84.8 10mph Pace: 75.1 - 85.0 (73.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	4
	04:15	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	4
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	0	5
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	0	11
	05:45	0	0	0	0	0	0	0	0	0	0	0	2	1	1	2	0	6
	06:00	0	0	0	0	0	0	0	0	0	0	0	1	4	11	1	0	17
	06:15	0	0	0	0	0	0	0	0	0	0	1	2	2	8	6	0	19
	06:30	0	0	0	0	0	0	0	0	0	0	1	1	2	8	10	0	22
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	2	6	8	0	16
	07:00	0	0	0	0	0	0	0	0	0	0	0	2	3	5	6	0	16
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	2	4	3	0	9
Daily Total :		0	0	0	0	0	0	0	0	0	1	4	12	21	51	46	0	135
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	9%	16%	38%	34%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	9

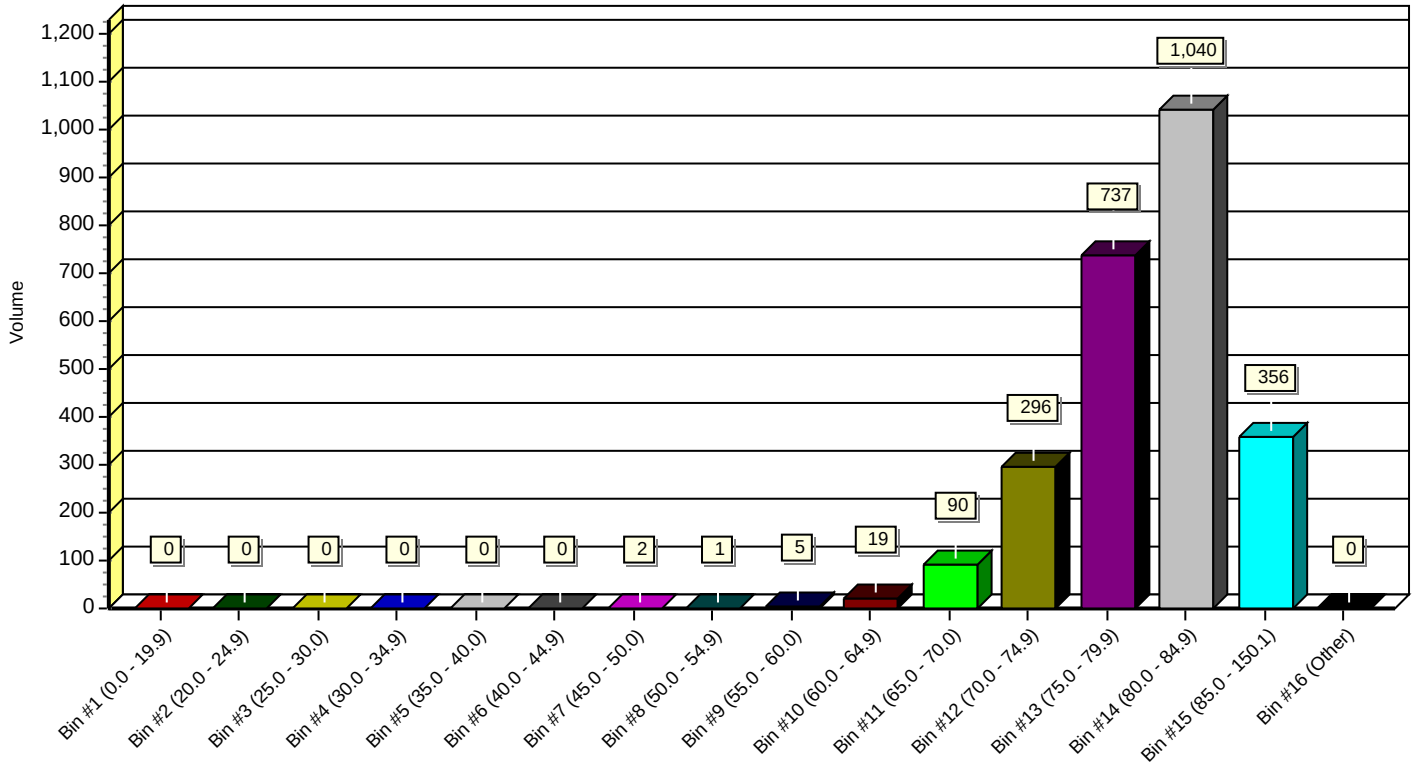
Speeds - Average: 92.1 50% : 82.7 67% : 116.3 85% : 117.7 10mph Pace: 76.9 - 86.8 (53.3%)

Basic Speed Class Summary: 2P0022456

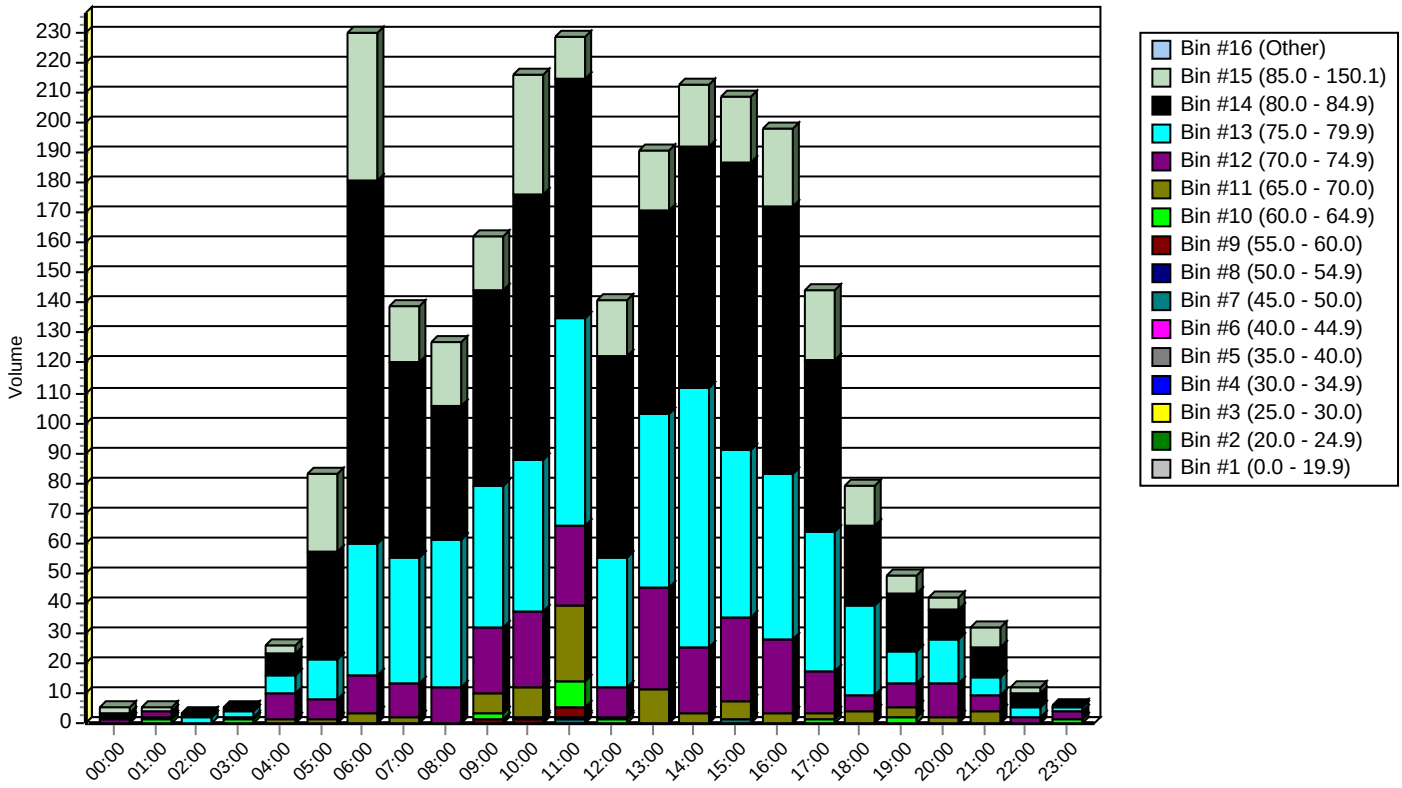
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	0	0	0	0	0	0	2	1	5	19	90	296	737	1040	356	0	2546
		0	0	0	0	0	0	2	1	5	19	90	296	737	1040	356	0	2546
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	4%	12%	29%	41%	14%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	4%	12%	29%	41%	14%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	0	0	1	3	4	1	0	9
		0	0	0	0	0	0	0	0	0	0	0	1	3	4	1	0	9
Days & ADT :	#1.	2.9	872															
		2.9	872															
Avg,50,67,85%:	#1.	83.9	80.6	82.7	84.9	75.1	- 85.0	70%										
		83.9	80.6	82.7	84.9	75.1	- 85.0	70%										

2P0022456 Speed Class Charts For Data From: 09:30 - 04/11/2011 To: 07:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0022456

Station ID : 4D0022456
Info Line 1 : W 434 WB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 4D0022456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14611
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 10:00 - 04/11/2011 To: 08:29 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	10:00	0	27	20	0	0	1	0	0	10	1	0	0	4	0	63
Mon	10:15	0	24	30	0	3	0	0	0	17	1	0	0	1	1	77
	10:30	0	20	23	0	2	0	0	1	14	3	0	0	3	1	67
	10:45	0	30	26	4	1	0	0	0	13	0	0	0	3	0	77
	11:00	0	30	22	1	0	0	0	4	14	1	0	0	2	0	74
	11:15	0	30	19	0	2	0	0	2	12	0	0	0	1	0	66
	11:30	0	24	28	0	1	1	0	1	12	1	0	0	6	0	74
	11:45	0	30	18	0	1	1	0	4	8	1	0	0	1	0	64
	12:00	0	32	30	0	0	0	0	0	11	1	0	0	0	2	76
	12:15	0	31	14	1	1	1	1	2	10	0	0	0	2	0	63
	12:30	0	27	24	0	2	0	0	0	13	0	0	0	2	0	68
	12:45	1	31	16	0	1	0	0	2	8	2	0	0	0	0	61
	13:00	0	34	25	0	0	0	0	2	7	2	0	0	1	0	71
	13:15	0	25	29	0	2	0	1	3	6	3	0	0	1	0	70
	13:30	0	40	24	2	2	0	0	0	6	1	0	0	3	1	79
	13:45	2	32	21	1	3	1	0	3	10	4	0	0	0	0	77
	14:00	0	24	21	2	2	0	0	1	9	0	0	0	1	0	60
	14:15	1	29	28	0	2	1	0	0	12	3	0	0	2	1	79
	14:30	2	32	32	0	1	0	0	3	11	2	0	0	2	1	86
	14:45	0	26	26	2	2	0	0	4	6	0	0	0	1	1	68
	15:00	0	33	36	0	0	0	0	1	8	0	0	0	1	0	79
	15:15	0	33	27	2	1	1	0	1	10	4	0	0	0	1	80
	15:30	0	32	24	0	1	0	0	2	4	1	0	0	0	1	65
	15:45	1	31	24	1	2	0	0	1	7	0	0	1	2	1	71
	16:00	0	34	25	0	1	0	0	0	3	1	1	0	2	1	68
	16:15	0	37	28	1	2	1	0	2	6	1	0	0	3	0	81
	16:30	1	31	21	1	3	0	0	2	11	0	0	0	0	1	71
	16:45	0	31	31	2	3	0	0	0	3	2	1	0	0	0	73
	17:00	0	37	28	2	0	0	0	2	8	0	0	0	1	1	79
	17:15	1	49	20	0	1	0	0	1	4	0	0	0	1	0	77
	17:30	0	43	23	1	0	0	0	1	6	1	0	0	4	0	79
	17:45	0	40	28	0	1	0	0	0	6	0	0	0	0	1	76
	18:00	0	18	22	0	0	2	0	1	7	4	0	0	0	0	54
	18:15	0	29	27	0	3	0	0	1	4	0	0	0	1	0	65

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	18:30	1	25	19	0	3	0	0	3	5	1	0	0	2	1	60
Mon	18:45	0	16	21	1	1	0	0	0	4	1	1	0	0	1	46
	19:00	0	24	12	0	2	0	0	1	8	0	0	0	1	0	48
	19:15	1	17	8	0	1	0	0	1	9	1	0	0	0	0	38
	19:30	0	21	12	0	1	0	0	0	2	0	0	1	3	0	40
	19:45	0	17	9	0	2	0	0	0	4	0	0	0	3	0	35
	20:00	0	14	9	0	0	0	0	1	2	0	0	1	2	0	29
	20:15	0	15	16	0	1	0	0	2	4	3	0	2	1	0	44
	20:30	0	18	12	0	1	0	0	0	4	0	0	1	0	1	37
	20:45	0	9	18	0	0	1	0	0	0	4	1	1	4	0	38
	21:00	0	10	8	0	0	1	0	0	1	1	2	2	3	0	28
	21:15	0	10	7	1	0	0	0	0	3	3	1	1	5	0	31
	21:30	0	14	10	1	1	0	0	2	2	0	0	0	0	0	30
	21:45	0	17	5	0	0	0	0	0	1	1	1	1	0	0	26
	22:00	0	11	4	1	1	0	0	2	1	0	0	2	1	1	24
	22:15	0	5	4	0	0	0	0	2	6	1	0	0	0	0	18
	22:30	0	9	2	0	0	0	0	1	0	1	0	1	1	1	16
	22:45	0	5	5	0	0	0	0	0	1	0	1	0	0	0	12
	23:00	1	4	5	0	1	0	0	0	2	0	0	0	1	0	14
	23:15	0	2	3	0	0	0	0	0	2	0	0	0	2	0	9
	23:30	0	4	4	0	0	0	0	1	2	0	0	0	0	0	11
	23:45	0	2	4	1	1	0	0	0	1	0	0	0	0	0	9
Daily Total :		12	1325	1037	28	62	12	2	63	360	57	9	14	80	20	3081
	Percent :	0%	43%	34%	1%	2%	0%	0%	2%	12%	2%	0%	0%	3%	1%	
	Average :	0	24	19	1	1	0	0	1	6	1	0	0	1	0	54

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	2	1	0	0	0	0	3	3	0	0	0	0	0	9
Tue	00:15	0	1	3	0	2	0	0	0	2	1	0	0	0	0	9
	00:30	0	5	4	0	0	0	0	0	1	0	0	1	2	0	13
	00:45	0	3	3	0	0	0	0	0	1	1	0	0	3	0	11
	01:00	0	0	1	0	0	0	0	1	3	0	0	0	1	0	6
	01:15	0	2	0	0	0	0	0	2	2	0	0	0	1	0	7
	01:30	0	1	3	0	0	0	0	0	1	0	0	0	1	0	6
	01:45	0	1	0	0	0	0	0	0	4	0	0	0	1	0	6
	02:00	0	3	2	0	1	0	0	0	1	0	0	0	0	0	7
	02:15	0	1	4	0	1	0	0	0	5	0	0	0	3	0	14
	02:30	0	1	1	0	0	0	0	1	3	0	0	1	0	0	7
	02:45	0	1	0	2	0	0	0	0	0	0	0	0	0	1	4
	03:00	0	0	1	0	0	0	0	0	2	0	0	0	0	0	3
	03:15	0	1	1	0	0	0	0	1	2	1	0	0	0	0	6
	03:30	0	2	1	0	0	0	0	1	1	0	0	0	0	0	5
	03:45	0	1	1	0	0	0	0	0	2	0	0	0	3	0	7
	04:00	0	6	2	1	2	0	0	0	3	0	0	0	0	0	14
	04:15	0	4	5	0	0	0	0	0	0	0	0	0	2	0	11
	04:30	0	6	6	0	1	0	0	0	1	1	0	0	1	0	16
	04:45	0	4	7	3	0	0	0	1	3	1	0	0	2	0	21
	05:00	0	4	4	4	0	0	0	2	1	0	0	0	0	1	16
	05:15	0	10	5	0	1	0	0	0	2	0	0	0	1	1	20
	05:30	0	4	8	1	0	0	0	0	4	0	0	0	3	0	20
	05:45	0	3	7	1	0	0	0	1	1	0	0	0	4	0	17
	06:00	0	6	8	0	1	0	0	0	2	1	0	0	1	0	19
	06:15	0	14	10	0	0	0	0	1	4	2	0	0	1	1	33
	06:30	0	8	13	1	1	0	0	1	9	0	0	0	1	0	34
	06:45	0	8	13	1	1	0	0	1	5	1	0	0	1	1	32
	07:00	0	18	8	0	5	0	0	1	3	2	0	0	2	0	39
	07:15	0	17	14	1	3	0	0	1	7	0	0	0	0	5	48
	07:30	0	19	28	2	4	0	0	0	5	0	0	0	0	0	58
	07:45	0	18	22	1	1	0	0	1	5	1	0	0	1	1	51
	08:00	0	20	15	2	4	1	0	1	14	7	0	0	1	1	66
	08:15	0	13	23	1	5	1	0	1	6	1	0	0	2	0	53
	08:30	0	18	17	0	2	0	0	4	9	1	0	0	2	1	54
	08:45	0	18	14	1	3	2	0	1	9	1	0	0	1	1	51
	09:00	0	24	29	1	1	0	0	3	8	1	0	0	1	0	68
	09:15	0	19	19	0	2	1	0	1	13	2	0	0	5	2	64
	09:30	0	11	20	0	0	1	1	3	7	3	0	0	4	0	50
	09:45	0	19	18	2	3	0	0	4	3	4	0	0	2	0	55
	10:00	0	12	21	0	3	0	0	1	8	1	0	0	1	0	47
	10:15	0	12	15	0	2	1	0	1	4	1	0	0	2	0	38
	10:30	0	19	21	0	1	0	0	1	12	2	0	0	2	3	61
	10:45	0	15	20	1	2	0	0	2	15	2	0	0	1	0	58
	11:00	0	12	12	0	0	2	0	0	6	2	0	0	2	0	36
	11:15	0	15	26	0	2	0	0	2	6	3	0	0	1	1	56
	11:30	0	14	24	0	3	1	0	1	10	6	0	0	3	2	64
	11:45	0	21	17	0	1	1	0	2	8	2	0	0	4	0	56
	12:00	0	21	28	1	2	1	0	2	9	1	0	0	1	1	67
	12:15	0	20	25	0	1	0	0	0	6	0	0	0	0	1	53

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	21	20	0	1	0	0	2	6	1	0	0	1	0	52
Tue	12:45	0	22	18	0	4	0	0	4	7	0	0	0	1	2	58
	13:00	0	28	16	0	1	2	0	1	10	1	0	1	2	1	63
	13:15	0	28	19	0	0	0	0	1	5	2	0	0	0	0	55
	13:30	0	29	22	0	3	2	2	4	9	3	0	0	0	1	75
	13:45	0	23	23	1	1	2	0	2	8	1	0	0	0	1	62
	14:00	0	31	19	0	2	1	0	0	5	1	0	0	1	1	61
	14:15	0	30	16	1	2	1	0	1	10	2	0	0	0	0	63
	14:30	0	28	20	0	4	0	0	4	7	2	0	0	2	2	69
	14:45	0	27	19	1	1	0	0	1	15	1	0	0	0	0	65
	15:00	0	20	24	0	2	1	1	0	6	2	0	0	0	0	56
	15:15	1	25	32	1	2	0	1	2	7	5	1	0	0	0	77
	15:30	0	35	19	0	1	0	0	2	8	0	0	0	0	1	66
	15:45	0	30	27	0	1	0	0	5	6	1	0	0	1	2	73
	16:00	2	38	20	1	0	1	0	2	6	1	0	0	1	2	74
	16:15	0	30	17	2	1	1	1	1	7	4	0	0	0	0	64
	16:30	0	40	30	1	2	0	0	1	7	2	0	0	0	0	83
	16:45	1	35	25	0	2	0	0	0	6	1	0	0	0	0	70
	17:00	0	45	19	2	0	0	0	1	10	1	0	0	4	0	82
	17:15	0	40	30	0	2	0	0	3	2	3	0	0	1	0	81
	17:30	0	46	22	0	1	0	0	1	7	1	0	0	2	1	81
	17:45	0	38	15	0	4	0	0	1	4	2	0	0	1	3	68
	18:00	0	33	24	1	1	0	0	0	1	2	0	0	3	3	68
	18:15	0	35	22	0	1	0	0	2	4	2	0	0	0	2	68
	18:30	0	21	14	0	2	0	0	2	8	3	0	0	3	4	57
	18:45	0	31	11	0	1	0	0	0	1	1	0	0	2	0	47
	19:00	0	18	15	0	0	0	0	0	3	0	0	0	3	1	40
	19:15	0	21	19	0	1	0	0	0	2	4	0	0	4	2	53
	19:30	0	21	11	0	1	0	0	1	1	0	0	1	4	0	40
	19:45	0	19	16	1	2	0	0	1	0	0	1	1	2	2	45
	20:00	0	15	16	0	1	1	0	1	3	4	0	2	3	0	46
	20:15	0	19	10	0	1	0	0	2	4	0	1	0	1	2	40
	20:30	0	15	14	0	1	0	0	2	3	1	0	0	3	2	41
	20:45	0	16	13	0	0	0	0	0	2	1	1	1	7	4	45
	21:00	0	14	8	1	5	0	0	1	2	1	0	0	4	1	37
	21:15	0	21	11	0	1	0	0	2	1	0	0	1	3	2	42
	21:30	0	9	8	0	1	0	0	1	1	0	0	0	3	0	23
	21:45	0	6	4	0	0	0	0	3	0	1	1	0	3	0	18
	22:00	0	7	6	0	0	0	0	3	1	0	0	0	3	0	20
	22:15	0	6	5	0	1	0	0	1	2	0	0	0	1	0	16
	22:30	0	4	2	0	0	0	0	0	2	0	0	0	2	1	11
	22:45	0	4	3	0	1	0	0	1	1	1	0	0	1	2	14
	23:00	0	4	6	0	0	1	0	0	0	1	0	0	2	0	14
	23:15	1	7	1	0	1	0	0	0	1	0	0	0	0	0	11
	23:30	0	5	2	1	0	0	0	0	0	0	0	0	0	0	8
	23:45	0	4	0	0	1	0	0	2	1	1	0	0	0	0	9
Daily Total :		5	1521	1263	41	121	25	6	113	443	112	5	9	144	69	3877
Percent :		0%	39%	33%	1%	3%	1%	0%	3%	11%	3%	0%	0%	4%	2%	
Average :		0	16	13	0	1	0	0	1	5	1	0	0	2	1	40

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	5	2	1	0	0	0	0	2	0	0	0	0	0	10
Wed	00:15	0	2	2	0	0	0	0	0	0	2	0	0	0	0	6
	00:30	0	1	5	0	0	0	0	2	3	0	0	0	1	0	12
	00:45	0	0	3	0	0	0	0	1	1	0	0	2	0	0	7
	01:00	0	1	0	0	1	0	0	0	1	0	0	0	0	0	3
	01:15	0	4	1	0	0	1	0	0	2	1	0	0	1	0	10
	01:30	0	1	4	0	0	0	0	0	1	0	0	0	0	0	6
	01:45	0	1	3	1	0	0	0	0	1	0	0	0	2	0	8
	02:00	0	4	2	1	0	0	0	0	2	0	0	0	0	0	9
	02:15	0	1	1	0	0	0	0	0	5	0	0	0	1	0	8
	02:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	02:45	0	0	0	0	1	1	0	0	2	1	0	0	2	0	7
	03:00	0	0	1	2	0	0	0	0	1	0	0	0	1	0	5
	03:15	0	2	0	0	0	0	0	0	2	0	0	0	0	1	5
	03:30	0	2	0	0	0	0	0	0	3	1	0	0	2	1	9
	03:45	0	2	0	0	0	0	0	1	3	1	0	0	2	0	9
	04:00	0	3	3	2	0	0	0	0	2	2	0	0	2	0	14
	04:15	0	7	3	0	1	0	0	2	2	0	0	0	1	0	16
	04:30	0	4	3	2	0	0	0	2	3	0	0	0	0	0	14
	04:45	0	4	4	1	0	1	0	1	5	0	0	0	0	2	18
	05:00	0	7	8	2	0	0	0	1	3	1	0	0	0	0	22
	05:15	0	5	7	0	0	0	0	0	8	1	1	0	1	0	23
	05:30	0	5	2	1	2	0	0	0	3	1	0	0	3	0	17
	05:45	0	6	5	0	1	1	0	0	8	3	0	0	2	0	26
	06:00	0	5	8	0	0	0	0	0	2	0	0	0	0	1	16
	06:15	0	6	9	0	2	1	0	1	4	2	0	0	1	1	27
	06:30	0	9	8	0	0	1	1	2	1	2	0	0	1	1	26
	06:45	0	14	15	0	1	0	0	1	1	4	0	0	2	0	38
	07:00	0	14	13	1	0	0	0	3	2	3	0	0	3	1	40
	07:15	0	17	14	0	1	0	0	0	5	4	0	0	3	4	48
	07:30	0	20	17	0	1	1	0	1	5	1	0	0	3	0	49
	07:45	0	16	13	3	1	0	0	0	8	3	0	0	1	1	46
	08:00	0	23	12	1	1	0	0	1	5	4	0	0	5	0	52
	08:15	0	18	19	2	0	0	0	2	3	0	0	0	4	2	50
	08:30	0	21	20	1	2	0	0	2	4	2	0	0	4	4	60
	08:45	0	25	24	0	1	0	0	3	5	3	0	1	2	2	66
	09:00	0	23	15	1	0	0	0	0	7	1	0	0	4	2	53
	09:15	0	21	13	1	0	0	0	8	5	4	0	1	5	2	60
	09:30	0	25	19	0	3	1	0	2	1	8	0	0	1	2	62
	09:45	0	20	15	0	2	2	0	2	5	3	0	0	4	3	56
	10:00	0	25	11	0	2	1	0	1	6	0	0	0	4	5	55
	10:15	0	22	18	1	1	0	1	3	2	1	0	0	3	1	53
	10:30	0	20	27	0	1	0	0	3	7	2	0	0	6	1	67
	10:45	0	22	23	0	0	0	0	1	10	2	0	0	4	4	66
	11:00	0	25	19	0	0	0	0	0	10	1	0	0	4	0	59
	11:15	0	22	24	1	2	4	1	2	9	3	0	0	2	2	72
	11:30	0	19	27	1	0	1	1	2	8	2	0	0	3	2	66
	11:45	0	21	26	1	1	0	1	0	9	2	0	0	4	4	69
	12:00	0	25	22	0	1	1	0	2	13	4	0	0	2	2	72
	12:15	0	33	20	0	0	0	1	1	13	1	0	0	1	2	72

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	15	19	0	1	0	0	0	5	1	0	0	3	2	46
Wed	12:45	0	35	17	1	0	0	0	1	13	2	0	0	2	0	71
	13:00	2	17	23	0	2	1	0	1	10	3	0	0	2	5	66
	13:15	0	39	27	2	0	0	0	0	8	3	0	0	1	2	82
	13:30	0	35	20	2	2	0	0	2	6	1	0	0	1	2	71
	13:45	0	23	26	1	1	0	0	1	6	2	0	0	2	3	65
	14:00	0	32	23	1	0	0	0	1	5	1	0	0	3	1	67
	14:15	0	34	24	0	2	0	0	0	6	0	0	0	3	1	70
	14:30	0	32	27	0	2	1	3	1	4	1	0	0	2	1	74
	14:45	0	36	25	1	0	1	0	1	9	3	0	0	3	1	80
	15:00	0	34	20	1	1	0	0	2	7	1	0	0	2	2	70
	15:15	0	35	23	1	0	1	0	0	10	1	0	0	1	3	75
	15:30	1	34	32	0	2	1	0	1	2	1	0	0	2	0	76
	15:45	1	26	36	1	2	0	0	0	8	3	0	0	2	2	81
	16:00	0	49	26	0	1	0	0	0	5	3	0	0	2	3	89
	16:15	0	27	31	1	1	0	0	1	2	1	0	1	0	2	67
	16:30	0	32	21	0	1	0	0	0	8	5	0	0	5	1	73
	16:45	0	40	36	1	1	0	0	0	7	1	0	0	2	1	89
	17:00	0	41	34	2	1	0	0	2	8	0	1	0	4	0	93
	17:15	0	51	27	0	2	0	0	0	6	1	0	0	2	2	91
	17:30	0	46	24	0	0	0	0	0	9	3	0	0	4	1	87
	17:45	0	34	24	0	0	0	0	0	5	3	0	0	9	2	77
	18:00	0	38	28	0	1	1	0	1	8	2	0	0	2	2	83
	18:15	0	36	23	0	0	0	0	2	6	2	0	0	3	1	73
	18:30	0	27	21	0	0	0	0	0	4	2	0	0	4	0	58
	18:45	0	25	23	0	1	0	0	0	3	3	0	1	1	1	58
	19:00	0	33	12	0	1	0	0	0	5	2	1	0	2	2	58
	19:15	0	12	13	0	1	0	0	0	6	1	0	0	2	1	36
	19:30	0	20	14	0	1	0	0	2	3	2	0	0	2	3	47
	19:45	0	17	13	0	0	0	0	1	3	3	0	1	4	2	44
	20:00	0	16	13	0	0	0	0	2	4	1	0	0	2	2	40
	20:15	0	16	9	0	3	0	0	2	3	2	0	1	4	0	40
	20:30	0	12	5	0	2	0	0	1	2	0	0	1	4	0	27
	20:45	0	11	9	0	0	0	0	0	7	0	0	0	4	2	33
	21:00	0	20	7	0	1	0	0	1	6	1	1	2	2	0	41
	21:15	0	21	11	0	1	0	0	2	1	2	0	0	1	0	39
	21:30	0	18	9	0	1	0	0	1	3	0	0	0	1	0	33
	21:45	0	13	5	0	2	0	0	1	2	0	1	2	2	0	28
	22:00	0	11	5	0	1	0	0	0	2	1	1	0	0	1	22
	22:15	0	6	6	0	1	0	0	0	3	0	0	1	1	1	19
	22:30	0	5	4	0	2	0	0	1	3	0	0	1	1	0	17
	22:45	0	7	2	0	0	0	0	3	1	0	0	0	3	2	18
	23:00	0	2	5	0	1	0	0	0	2	0	0	0	2	0	12
	23:15	0	4	1	0	0	0	0	1	1	2	0	0	0	0	9
	23:30	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	23:45	0	4	4	1	0	0	0	0	2	0	0	0	0	0	11
Daily Total :		4	1701	1320	43	71	23	9	88	443	142	6	15	201	110	4176
	Percent :	0%	41%	32%	1%	2%	1%	0%	2%	11%	3%	0%	0%	5%	3%	
	Average :	0	18	14	0	1	0	0	1	5	1	0	0	2	1	43

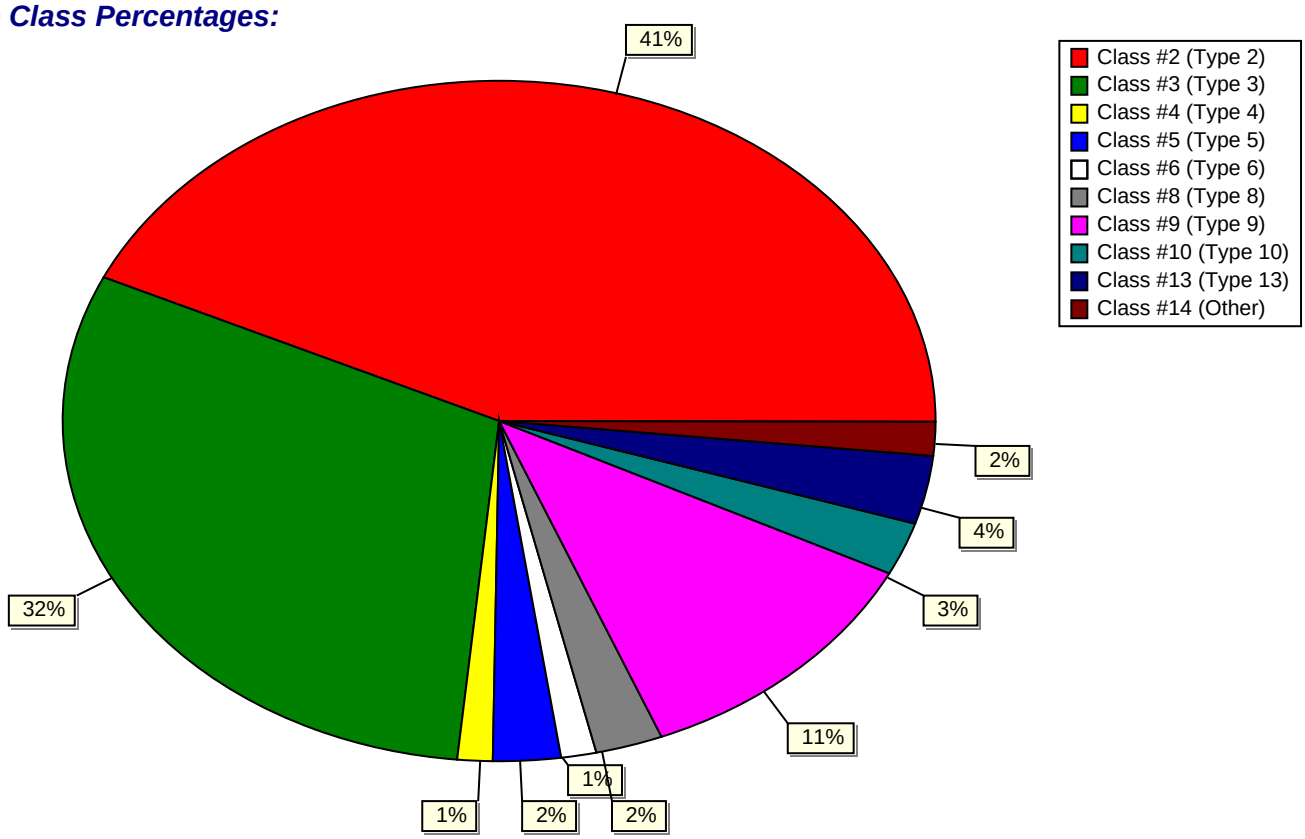
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	5	3	0	0	0	0	1	1	1	0	1	2	0	14
Thu	00:15	0	2	2	0	1	0	0	0	4	1	0	0	2	0	12
	00:30	0	3	1	0	0	0	0	0	1	0	0	0	0	0	5
	00:45	0	0	1	0	0	0	0	0	2	0	0	0	0	1	4
	01:00	0	5	2	0	0	0	0	0	4	0	0	1	0	0	12
	01:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	01:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:45	0	3	2	0	0	0	0	0	0	0	0	0	3	0	8
	02:00	0	2	1	1	0	0	0	1	3	0	0	0	0	0	8
	02:15	0	3	0	0	0	0	0	0	0	1	0	0	1	0	5
	02:30	0	1	1	0	1	0	0	0	2	2	0	0	0	0	7
	02:45	0	2	1	0	0	0	0	1	1	0	0	0	1	0	6
	03:00	0	3	0	1	0	0	0	0	1	1	0	0	0	0	6
	03:15	0	1	4	0	0	0	0	0	1	1	0	0	1	1	9
	03:30	0	2	0	0	1	0	0	0	1	0	0	0	1	1	6
	03:45	0	1	0	0	1	0	0	1	2	0	0	0	1	0	6
	04:00	0	4	5	1	3	0	0	0	1	0	0	0	1	0	15
	04:15	0	7	2	1	0	0	0	1	1	0	0	0	1	1	14
	04:30	0	6	0	0	1	0	0	1	2	1	0	0	0	1	12
	04:45	1	8	3	2	0	0	0	0	2	0	0	0	0	0	16
	05:00	0	10	4	3	1	0	0	1	1	1	0	0	2	0	23
	05:15	0	8	5	1	1	0	0	2	2	1	0	0	2	0	22
	05:30	0	7	9	0	3	0	0	0	2	1	0	0	3	0	25
	05:45	0	5	2	0	1	0	0	2	1	0	0	0	3	1	15
	06:00	1	14	4	0	2	0	0	0	3	2	0	0	0	2	28
	06:15	0	16	6	0	1	0	0	5	0	1	0	0	0	2	31
	06:30	0	11	8	0	1	1	0	1	2	2	0	0	1	0	27
	06:45	0	14	10	0	2	0	0	1	3	1	0	1	3	1	36
	07:00	0	12	12	0	1	0	0	2	5	3	0	0	1	0	36
	07:15	0	18	9	0	0	0	0	0	0	2	0	0	2	2	33
	07:30	0	18	13	0	2	0	0	1	4	1	0	0	3	2	44
	07:45	1	21	11	1	2	2	0	2	2	1	0	1	1	0	45
	08:00	0	6	18	0	5	2	0	3	7	2	0	0	1	3	47
Daily Total :		3	220	140	11	30	5	0	26	62	26	0	4	36	18	581
Percent :		1%	38%	24%	2%	5%	1%	0%	4%	11%	4%	0%	1%	6%	3%	
Average :		0	7	4	0	1	0	0	1	2	1	0	0	1	1	18

Basic Axle Class Summary: 4D0022456

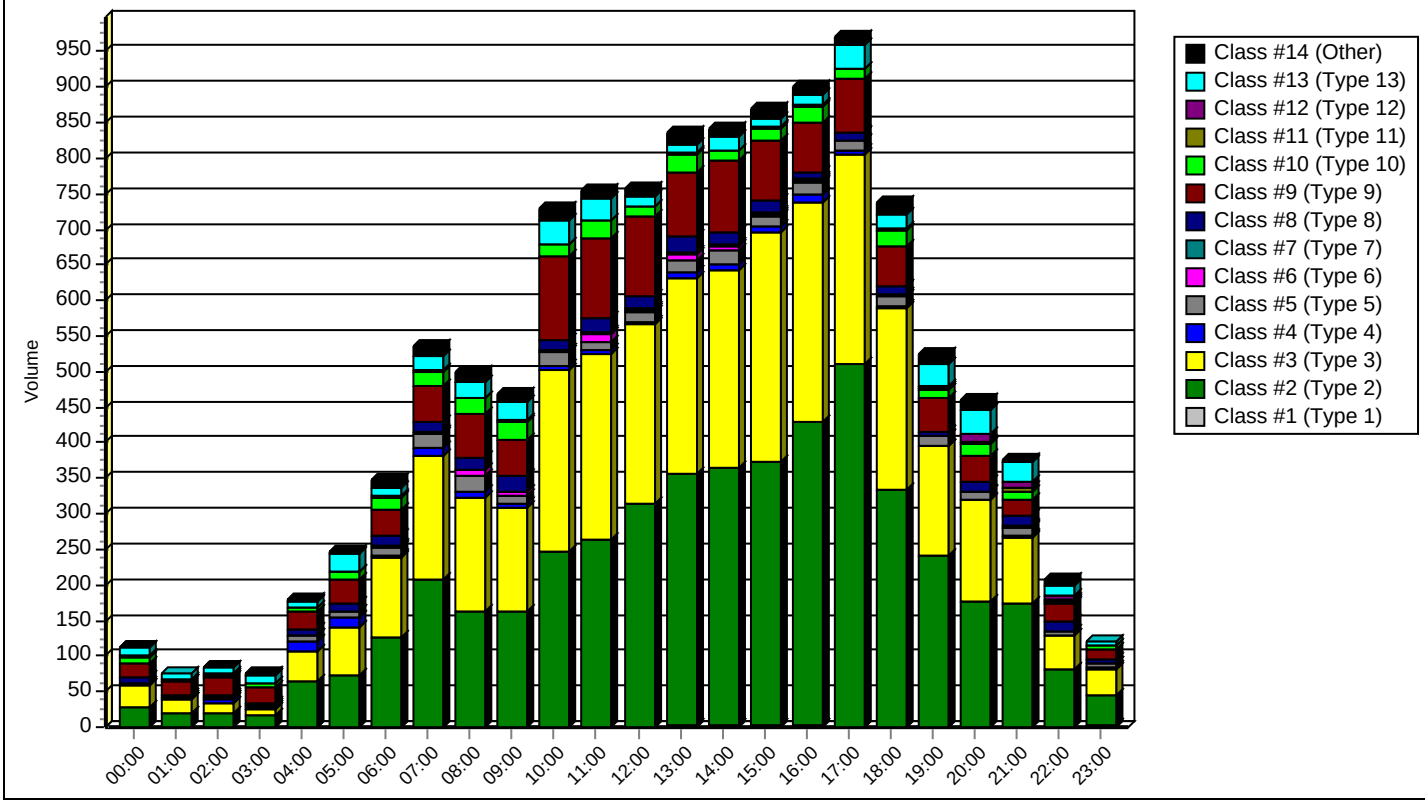
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	24	4767	3760	123	284	65	17	290	1308	337	20	42	461	217	11715
		24	4767	3760	123	284	65	17	290	1308	337	20	42	461	217	11715
Percents :	#1.	0%	41%	32%	1%	2%	1%	0%	2%	11%	3%	0%	0%	4%	2%	100%
		0%	41%	32%	1%	2%	1%	0%	2%	11%	3%	0%	0%	4%	2%	
Average :	#1.	0	17	13	0	1	0	0	1	5	1	0	0	2	1	41
		0	17	13	0	1	0	0	1	5	1	0	0	2	1	41
Days & ADT :	#1.	2.9	4002													
		2.9	4002													

4D0022456 Axle Class Charts For Data From: 10:00 - 04/11/2011 To: 08:29 - 04/14/2011

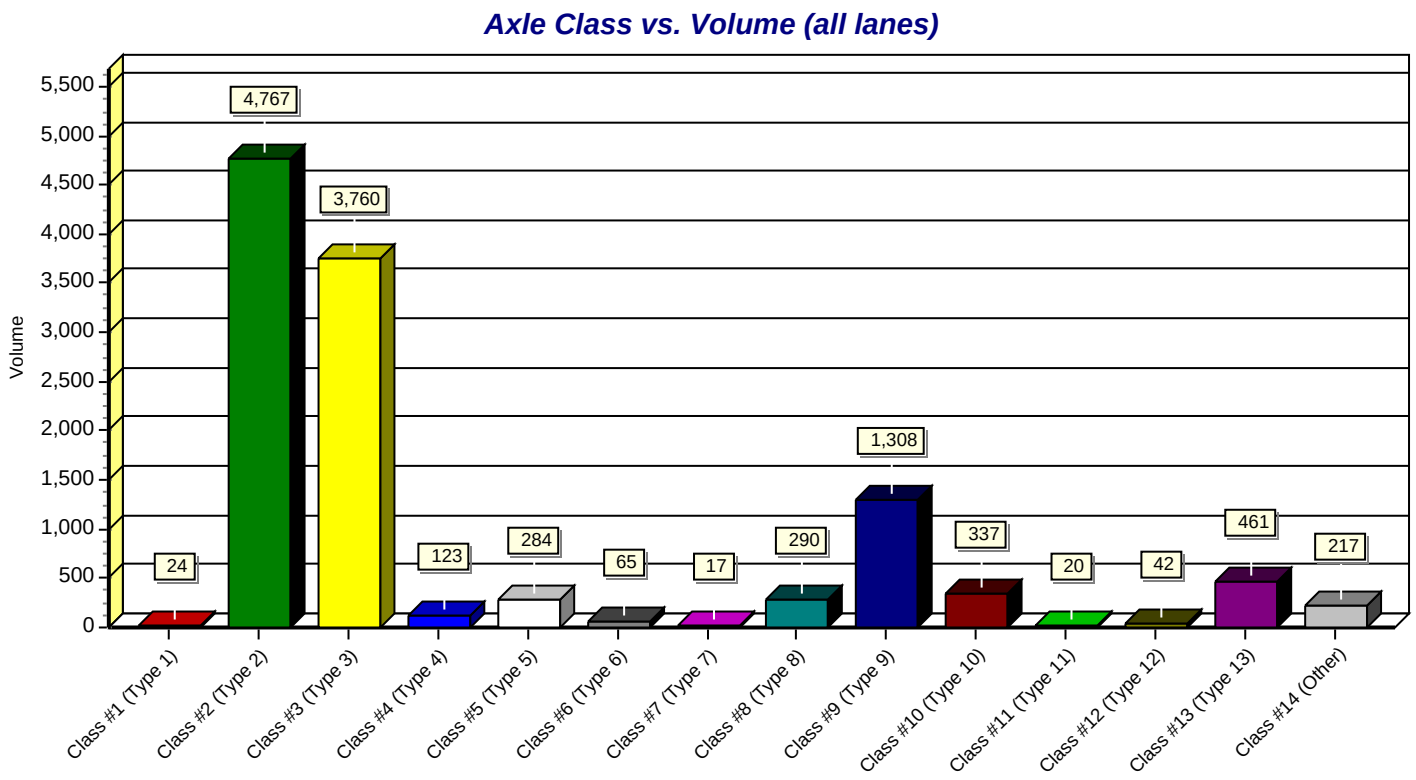
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0022456 Axle Class Charts For Data From: 10:00 - 04/11/2011 To: 08:29 - 04/14/2011



Basic Speed Classification Report: 4D0022456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 10:00 - 04/11/2011 To: 08:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	10:00	0	0	0	0	0	0	1	3	1	12	18	12	12	3	1	0	63
Mon	10:15	0	0	0	0	0	0	0	0	4	20	22	8	18	4	1	0	77
	10:30	0	0	0	0	0	0	0	2	3	20	21	10	11	0	0	0	67
	10:45	0	0	0	0	0	0	0	0	3	26	18	18	11	1	0	0	77
	11:00	0	0	0	0	0	0	0	1	5	11	19	17	18	3	0	0	74
	11:15	0	0	0	0	0	0	0	2	4	15	15	12	18	0	0	0	66
	11:30	0	0	0	0	0	0	2	3	5	19	22	14	7	2	0	0	74
	11:45	0	0	0	0	0	0	0	1	2	15	17	13	15	1	0	0	64
	12:00	0	0	0	0	0	0	3	1	3	17	17	23	10	2	0	0	76
	12:15	0	0	0	0	0	0	0	2	3	15	17	17	8	1	0	0	63
	12:30	0	0	0	0	0	0	0	0	8	18	13	16	11	2	0	0	68
	12:45	0	0	0	0	0	0	0	0	3	12	12	21	8	5	0	0	61
	13:00	0	0	0	0	0	0	0	0	4	11	19	15	13	8	1	0	71
	13:15	0	0	0	0	0	0	0	1	2	6	15	16	17	12	1	0	70
	13:30	0	0	0	0	0	0	0	0	4	10	19	15	22	9	0	0	79
	13:45	0	0	0	0	0	0	1	1	7	13	22	10	18	5	0	0	77
	14:00	0	0	0	0	0	0	0	0	2	8	22	12	12	4	0	0	60
	14:15	0	0	0	0	0	0	0	1	3	8	23	16	20	8	0	0	79
	14:30	0	0	0	0	0	0	0	1	7	11	28	17	12	10	0	0	86
	14:45	0	0	0	0	0	0	0	1	3	11	17	14	16	6	0	0	68
	15:00	0	0	0	0	0	0	0	1	4	8	17	21	21	6	1	0	79
	15:15	0	0	0	0	0	0	0	0	4	15	22	18	15	6	0	0	80
	15:30	0	0	0	0	0	0	0	0	1	9	12	16	17	9	1	0	65
	15:45	0	0	0	0	0	0	0	1	4	10	19	17	12	7	1	0	71
	16:00	0	0	0	0	0	0	0	0	0	8	16	18	14	12	0	0	68
	16:15	0	0	0	0	0	0	1	2	5	10	20	15	22	6	0	0	81
	16:30	0	0	0	0	0	0	0	1	3	10	26	11	15	5	0	0	71
	16:45	0	0	0	0	0	0	0	1	1	12	19	17	16	7	0	0	73
	17:00	0	0	0	0	0	0	0	2	1	8	19	17	24	8	0	0	79
	17:15	0	0	0	0	0	0	0	1	1	8	14	17	25	11	0	0	77
	17:30	0	0	0	0	0	0	0	1	2	6	20	22	18	10	0	0	79
	17:45	0	0	0	0	0	0	0	0	7	6	21	19	15	8	0	0	76
	18:00	0	0	0	0	0	0	0	2	2	8	14	17	5	5	1	0	54
	18:15	0	0	0	0	0	0	0	0	5	5	10	24	15	6	0	0	65
	18:30	0	0	0	0	0	0	1	0	1	7	12	17	16	6	0	0	60
	18:45	0	0	0	0	0	0	0	0	2	6	13	11	12	2	0	0	46
	19:00	0	0	0	0	0	0	0	1	2	4	15	9	10	7	0	0	48
	19:15	0	0	0	0	0	0	0	0	1	9	10	10	8	0	0	0	38
	19:30	0	0	0	0	0	0	0	1	0	7	5	9	10	6	2	0	40
	19:45	0	0	0	0	0	0	0	1	0	3	8	6	9	8	0	0	35

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	20:00	0	0	0	0	0	0	0	0	0	7	6	7	4	4	1	0	29
Mon	20:15	0	0	0	0	0	0	0	0	4	4	16	7	7	6	0	0	44
	20:30	0	0	0	0	0	0	0	1	2	1	7	10	9	6	1	0	37
	20:45	0	0	0	0	0	0	0	2	1	8	12	3	7	5	0	0	38
	21:00	0	0	0	0	0	0	0	0	0	7	7	5	6	3	0	0	28
	21:15	0	0	0	0	0	0	0	0	2	5	14	6	2	2	0	0	31
	21:30	0	0	0	0	0	0	0	0	0	6	6	4	9	5	0	0	30
	21:45	0	0	0	0	0	0	0	0	0	5	5	3	12	1	0	0	26
	22:00	0	0	0	0	0	0	0	0	1	6	6	7	2	1	1	0	24
	22:15	0	0	0	0	0	0	0	0	1	3	6	4	2	2	0	0	18
	22:30	0	0	0	0	0	0	0	0	1	3	3	1	6	2	0	0	16
	22:45	0	0	0	0	0	0	0	0	0	0	2	1	7	1	1	0	12
	23:00	0	0	0	0	0	0	0	0	2	0	5	3	3	1	0	0	14
	23:15	0	0	0	0	0	0	0	0	1	1	3	0	2	2	0	0	9
	23:30	0	0	0	0	0	0	0	1	0	0	4	4	2	0	0	0	11
	23:45	0	0	0	0	0	0	0	0	0	1	2	1	3	2	0	0	9
Daily Total :		0	0	0	0	0	0	9	39	137	494	792	673	659	264	14	0	3081
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	16%	26%	22%	21%	9%	0%	0%	
Average :		0	0	0	0	0	0	0	1	2	9	14	12	12	5	0	0	41

Speeds - Average: 70.7 50% : 70.6 67% : 74.4 85% : 78.5 10mph Pace: 65.0 - 74.9 (47.5%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	1	4	2	2	0	0	0	9
Tue	00:15	0	0	0	0	0	0	0	0	0	2	3	0	2	2	0	0	9
	00:30	0	0	0	0	0	0	0	0	0	4	5	0	2	1	1	0	13
	00:45	0	0	0	0	0	0	0	0	0	1	7	2	1	0	0	0	11
	01:00	0	0	0	0	0	0	0	0	0	4	0	1	1	0	0	0	6
	01:15	0	0	0	0	0	0	0	0	0	5	1	0	1	0	0	0	7
	01:30	0	0	0	0	0	0	0	0	0	3	1	1	1	0	0	0	6
	01:45	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	0	6
	02:00	0	0	0	0	0	0	0	0	0	0	2	0	4	1	0	0	7
	02:15	0	0	0	0	0	0	0	0	0	6	4	3	1	0	0	0	14
	02:30	0	0	0	0	0	0	0	0	1	0	2	3	1	0	0	0	7
	02:45	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	4
	03:00	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	3
	03:15	0	0	0	0	0	0	0	0	0	3	2	0	0	1	0	0	6
	03:30	0	0	0	0	0	0	0	0	0	1	2	0	0	2	0	0	5
	03:45	0	0	0	0	0	0	1	0	0	2	1	1	2	0	0	0	7
	04:00	0	0	0	0	0	0	0	1	0	0	2	3	6	2	0	0	14
	04:15	0	0	0	0	0	0	0	0	2	1	0	3	2	3	0	0	11
	04:30	0	0	0	0	0	0	0	0	2	0	7	2	2	2	1	0	16
	04:45	0	0	0	0	0	0	0	1	2	5	3	3	4	3	0	0	21
	05:00	0	0	0	0	0	0	0	0	0	2	6	5	0	1	2	0	16
	05:15	0	0	0	0	0	0	0	1	0	1	6	2	5	5	0	0	20
	05:30	0	0	0	0	0	0	0	0	1	1	6	3	5	3	1	0	20
	05:45	0	0	0	0	0	0	0	0	0	2	5	5	4	1	0	0	17
	06:00	0	0	0	0	0	0	0	0	0	2	4	3	4	6	0	0	19
	06:15	0	0	0	0	0	0	0	0	1	6	8	7	7	3	1	0	33
	06:30	0	0	0	0	0	0	0	1	0	5	12	6	6	4	0	0	34
	06:45	0	0	0	0	0	0	0	1	1	3	11	5	5	6	0	0	32
	07:00	0	0	0	0	0	0	0	1	1	0	13	9	10	4	1	0	39
	07:15	0	0	0	0	0	0	0	0	3	9	12	6	9	7	2	0	48
	07:30	0	0	0	0	0	0	0	0	2	8	8	13	16	11	0	0	58
	07:45	0	0	0	0	0	0	0	1	0	7	19	11	6	5	2	0	51
	08:00	0	0	0	0	0	0	0	0	5	14	23	15	8	1	0	0	66
	08:15	0	0	0	0	0	0	0	0	5	11	9	8	15	5	0	0	53
	08:30	0	0	0	0	0	0	0	0	3	5	22	12	5	6	1	0	54
	08:45	0	0	0	0	0	0	0	1	1	7	12	10	18	2	0	0	51
	09:00	0	0	0	0	0	0	0	0	4	9	21	15	14	4	1	0	68
	09:15	0	0	0	0	0	0	0	0	5	10	20	14	11	4	0	0	64
	09:30	0	0	0	0	0	0	0	0	2	8	16	5	17	2	0	0	50
	09:45	1	0	0	0	0	0	0	1	2	7	14	15	12	3	0	0	55
	10:00	0	0	0	0	0	0	0	1	0	6	14	6	15	4	1	0	47
	10:15	0	0	0	0	0	0	0	2	1	1	9	8	11	5	1	0	38
	10:30	0	0	0	0	0	0	1	1	2	8	20	13	11	5	0	0	61
	10:45	0	0	0	0	0	0	0	2	2	8	20	15	9	2	0	0	58
	11:00	0	0	0	0	0	0	0	0	3	3	11	5	7	7	0	0	36
	11:15	0	0	0	0	0	0	0	0	1	5	18	19	10	3	0	0	56
	11:30	0	0	0	0	0	0	0	3	3	3	22	17	10	6	0	0	64
	11:45	0	0	0	0	0	0	0	0	7	13	15	9	11	1	0	0	56
	12:00	0	0	0	0	0	0	0	0	7	23	17	10	10	0	0	0	67
	12:15	0	0	1	0	0	0	0	2	4	11	9	17	7	2	0	0	53

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	1	3	14	10	15	8	1	0	0	52
Tue	12:45	0	0	0	0	0	0	0	0	12	10	13	8	13	2	0	0	58
	13:00	0	0	0	0	0	0	0	1	1	13	20	15	10	3	0	0	63
	13:15	0	0	0	0	0	0	0	0	0	11	18	13	12	1	0	0	55
	13:30	0	0	0	0	0	0	0	1	4	17	19	14	18	2	0	0	75
	13:45	0	0	0	0	0	0	0	0	3	10	26	14	7	2	0	0	62
	14:00	0	0	0	0	0	0	0	1	3	16	17	16	6	2	0	0	61
	14:15	0	0	0	1	0	0	0	4	3	10	16	14	13	2	0	0	63
	14:30	0	0	0	0	0	0	1	0	6	18	12	18	10	4	0	0	69
	14:45	0	0	0	0	0	0	0	0	3	15	24	12	11	0	0	0	65
	15:00	0	0	0	0	0	0	0	0	3	15	16	12	10	0	0	0	56
	15:15	0	0	0	0	0	0	0	0	2	15	31	19	9	1	0	0	77
	15:30	0	0	0	0	0	0	0	1	3	9	20	17	16	0	0	0	66
	15:45	0	0	0	0	0	0	0	0	8	11	19	23	10	2	0	0	73
	16:00	0	0	0	0	0	0	0	0	8	22	16	19	9	0	0	0	74
	16:15	0	0	0	0	0	0	0	1	2	14	17	18	11	0	1	0	64
	16:30	0	0	0	0	0	0	0	0	3	11	29	19	18	3	0	0	83
	16:45	0	0	0	0	0	0	0	0	3	7	28	20	9	3	0	0	70
	17:00	0	0	0	0	0	0	1	0	4	14	31	15	17	0	0	0	82
	17:15	0	0	0	0	0	0	0	0	1	11	22	24	19	4	0	0	81
	17:30	0	0	0	0	0	0	0	2	2	14	22	24	12	5	0	0	81
	17:45	0	0	0	0	0	0	0	0	3	17	22	12	13	1	0	0	68
	18:00	0	0	0	0	0	0	0	0	3	8	16	24	16	1	0	0	68
	18:15	0	0	0	0	0	0	0	1	0	8	22	14	22	1	0	0	68
	18:30	0	0	0	0	0	0	0	1	4	15	13	10	13	1	0	0	57
	18:45	0	0	0	0	0	0	0	0	1	7	11	19	8	1	0	0	47
	19:00	0	0	0	0	0	0	0	0	1	9	5	10	13	2	0	0	40
	19:15	0	0	0	0	0	0	0	0	0	8	17	10	15	3	0	0	53
	19:30	0	0	0	0	0	0	0	0	0	7	11	12	9	1	0	0	40
	19:45	0	0	0	0	0	0	0	0	1	6	10	15	10	3	0	0	45
	20:00	0	0	0	0	0	0	0	0	2	9	12	11	6	5	1	0	46
	20:15	0	0	0	0	0	0	0	0	0	8	9	8	13	2	0	0	40
	20:30	0	0	0	0	0	0	0	0	3	7	13	9	7	2	0	0	41
	20:45	0	0	0	0	0	0	0	0	1	9	15	12	6	2	0	0	45
	21:00	0	0	0	0	0	0	0	1	4	9	8	9	4	2	0	0	37
	21:15	0	0	0	0	0	0	0	0	1	8	8	12	12	1	0	0	42
	21:30	0	0	0	0	0	0	0	0	2	2	8	5	6	0	0	0	23
	21:45	0	0	0	0	0	0	1	0	0	2	7	5	3	0	0	0	18
	22:00	0	0	0	0	0	0	0	0	1	3	8	5	3	0	0	0	20
	22:15	0	0	0	0	0	0	1	0	0	4	3	4	4	0	0	0	16
	22:30	0	0	0	0	0	0	0	1	0	1	6	2	1	0	0	0	11
	22:45	0	0	0	0	0	0	0	0	3	3	5	1	1	1	0	0	14
	23:00	0	0	0	0	0	0	0	1	2	2	4	3	1	1	0	0	14
	23:15	1	0	0	0	0	0	0	0	1	2	4	2	1	0	0	0	11
	23:30	0	0	0	0	0	0	0	0	0	1	4	1	2	0	0	0	8
	23:45	0	0	0	0	0	0	0	0	1	1	3	2	2	0	0	0	9

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	1	1	0	0	6	37	186	675	1121	878	751	202	17	0	3877
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	5%	17%	29%	23%	19%	5%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	2	7	12	9	8	2	0	0	55

Speeds - Average: 70.0 50% : 69.7 67% : 73.3 85% : 77.6 10mph Pace: 65.0 - 74.9 (51.6%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	4	2	2	2	0	0	0	10
Wed	00:15	0	0	0	0	0	0	0	0	1	2	0	2	0	1	0	0	6
	00:30	0	0	0	0	0	0	0	0	0	3	3	0	6	0	0	0	12
	00:45	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	7
	01:00	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	01:15	0	0	0	0	0	0	0	1	0	0	6	2	0	1	0	0	10
	01:30	0	0	0	0	0	0	0	0	1	1	0	1	2	1	0	0	6
	01:45	0	0	0	0	0	0	0	0	2	0	4	0	1	1	0	0	8
	02:00	0	0	0	0	0	0	0	0	0	3	2	2	1	1	0	0	9
	02:15	0	0	0	0	0	0	0	1	1	3	2	1	0	0	0	0	8
	02:30	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	1	3	3	0	0	0	0	0	7
	03:00	0	0	0	0	0	0	0	0	1	2	1	0	0	1	0	0	5
	03:15	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	5
	03:30	0	0	0	0	0	0	0	1	3	3	1	1	0	0	0	0	9
	03:45	0	0	0	0	0	0	0	0	1	2	4	2	0	0	0	0	9
	04:00	0	0	0	0	0	0	0	0	3	3	4	1	3	0	0	0	14
	04:15	0	0	0	0	0	0	0	0	2	1	6	2	3	2	0	0	16
	04:30	0	0	0	0	0	0	0	0	1	3	3	3	2	2	0	0	14
	04:45	0	0	0	0	0	0	0	0	2	4	6	2	2	2	0	0	18
	05:00	0	0	0	0	0	0	0	0	1	9	5	5	2	0	0	0	22
	05:15	0	0	0	0	0	0	0	0	0	5	10	2	5	1	0	0	23
	05:30	0	0	0	0	0	0	0	2	0	4	2	5	3	1	0	0	17
	05:45	0	0	0	0	0	0	0	0	1	8	10	3	4	0	0	0	26
	06:00	0	0	0	0	0	0	0	0	0	4	7	4	1	0	0	0	16
	06:15	0	0	0	0	0	0	0	0	2	5	9	5	3	3	0	0	27
	06:30	0	0	0	0	0	0	0	1	2	5	2	8	6	2	0	0	26
	06:45	0	0	0	0	0	0	0	1	1	3	9	5	13	6	0	0	38
	07:00	0	0	0	0	0	0	0	0	0	2	12	10	11	5	0	0	40
	07:15	0	0	0	0	0	0	0	0	1	6	13	11	12	5	0	0	48
	07:30	0	0	0	0	0	0	0	0	3	10	9	6	14	7	0	0	49
	07:45	0	0	0	0	0	0	0	0	1	11	10	12	11	1	0	0	46
	08:00	0	0	0	0	0	0	0	0	4	7	12	13	14	2	0	0	52
	08:15	0	0	0	0	0	0	0	2	3	9	11	12	12	1	0	0	50
	08:30	0	0	0	0	0	0	0	0	1	12	20	9	13	5	0	0	60
	08:45	0	0	0	0	0	0	0	0	3	15	17	18	11	2	0	0	66
	09:00	0	0	0	0	0	0	0	1	3	9	13	9	17	1	0	0	53
	09:15	0	0	0	0	0	0	0	2	2	14	19	14	9	0	0	0	60
	09:30	0	0	0	0	0	0	0	0	4	10	22	9	15	2	0	0	62
	09:45	0	0	0	0	0	0	0	1	7	9	18	12	9	0	0	0	56
	10:00	0	0	0	0	0	0	0	1	0	12	18	11	13	0	0	0	55
	10:15	1	0	0	0	0	0	0	2	2	7	19	10	10	2	0	0	53
	10:30	0	0	0	0	0	0	0	1	2	15	19	15	10	5	0	0	67
	10:45	0	0	0	0	0	0	0	0	1	11	22	16	15	1	0	0	66
	11:00	0	0	0	0	0	0	0	0	2	7	22	9	18	1	0	0	59
	11:15	0	0	0	0	0	0	0	2	9	13	18	16	12	2	0	0	72
	11:30	0	0	0	0	0	0	1	2	6	17	14	14	12	0	0	0	66
	11:45	0	0	0	0	0	0	0	5	9	18	17	8	10	2	0	0	69
	12:00	0	0	0	0	0	0	0	2	4	13	27	14	11	1	0	0	72
	12:15	0	0	0	0	0	0	2	0	3	19	17	20	9	1	1	0	72

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	8	13	8	9	6	2	0	0	46
Wed	12:45	0	0	0	0	0	0	0	0	7	16	21	18	9	0	0	0	71
	13:00	0	0	0	0	0	0	0	2	3	23	19	9	10	0	0	0	66
	13:15	0	0	0	0	0	0	0	0	2	22	19	26	13	0	0	0	82
	13:30	0	0	0	0	0	0	0	0	3	17	11	16	20	4	0	0	71
	13:45	0	0	0	0	0	0	0	0	2	12	15	22	14	0	0	0	65
	14:00	0	0	0	0	0	0	0	0	2	13	18	19	12	3	0	0	67
	14:15	0	0	0	0	0	0	0	0	6	11	17	17	17	2	0	0	70
	14:30	0	0	0	0	0	0	0	0	1	14	15	16	19	8	1	0	74
	14:45	0	0	0	0	0	0	0	0	3	13	22	19	19	3	1	0	80
	15:00	0	0	0	0	0	0	0	0	6	10	18	13	20	3	0	0	70
	15:15	0	1	0	0	0	0	0	1	1	7	20	24	20	1	0	0	75
	15:30	0	0	0	0	0	0	0	0	1	8	18	19	28	2	0	0	76
	15:45	1	0	0	1	0	0	0	2	3	8	24	29	12	1	0	0	81
	16:00	0	0	0	0	0	0	0	0	1	6	18	29	28	7	0	0	89
	16:15	0	0	0	0	0	0	0	0	0	10	21	20	11	5	0	0	67
	16:30	0	0	0	0	0	0	0	0	2	20	13	14	20	4	0	0	73
	16:45	0	0	0	0	0	0	0	0	3	13	18	28	23	4	0	0	89
	17:00	0	0	0	0	0	0	0	0	3	14	18	26	24	8	0	0	93
	17:15	0	0	0	0	0	0	0	0	2	8	20	28	30	3	0	0	91
	17:30	0	0	0	0	0	0	0	0	3	14	20	23	22	5	0	0	87
	17:45	0	0	0	0	0	0	1	0	2	10	19	18	23	3	1	0	77
	18:00	0	0	0	0	0	0	0	0	3	9	19	25	24	3	0	0	83
	18:15	0	0	0	0	0	0	0	0	0	8	22	18	23	2	0	0	73
	18:30	0	0	0	0	0	0	0	0	2	9	6	25	14	2	0	0	58
	18:45	0	0	0	0	0	0	0	0	3	12	7	11	19	6	0	0	58
	19:00	0	0	0	0	0	0	0	0	2	10	22	9	13	2	0	0	58
	19:15	0	0	0	0	0	0	0	0	0	8	8	9	9	2	0	0	36
	19:30	0	0	0	0	0	0	0	1	1	7	9	10	14	4	1	0	47
	19:45	0	0	0	0	0	0	0	1	4	9	7	9	9	5	0	0	44
	20:00	0	0	0	0	0	0	0	0	1	8	10	10	10	1	0	0	40
	20:15	0	0	0	0	0	0	0	0	1	11	10	11	6	1	0	0	40
	20:30	0	0	0	0	0	0	0	0	4	5	9	2	6	1	0	0	27
	20:45	0	0	0	0	0	0	0	0	4	7	9	4	8	1	0	0	33
	21:00	0	0	0	0	0	0	0	1	4	11	12	9	4	0	0	0	41
	21:15	0	0	0	0	0	0	1	0	2	7	8	14	7	0	0	0	39
	21:30	0	0	0	0	0	0	0	0	4	4	8	9	8	0	0	0	33
	21:45	0	0	0	0	0	0	0	0	4	11	5	8	0	0	0	0	28
	22:00	0	0	0	0	0	0	0	1	1	8	2	6	3	1	0	0	22
	22:15	0	0	0	0	0	0	0	0	2	7	4	4	2	0	0	0	19
	22:30	0	0	0	0	0	0	1	0	1	6	6	3	0	0	0	0	17
	22:45	0	0	0	0	0	1	0	0	4	3	6	2	2	0	0	0	18
	23:00	0	0	0	0	0	0	0	0	1	6	1	3	1	0	0	0	12
	23:15	0	0	0	0	0	0	0	0	0	1	4	2	2	0	0	0	9
	23:30	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	0	4
	23:45	0	0	0	0	0	0	0	0	0	3	1	5	2	0	0	0	11

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	1	0	1	0	1	6	37	209	781	1068	980	915	170	5	0	4176
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	5%	19%	26%	23%	22%	4%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	2	8	11	10	10	2	0	0	40

Speeds - Average: 69.8 50% : 70.0 67% : 73.5 85% : 77.5 10mph Pace: 65.0 - 74.9 (49.0%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	1	0	6	3	4	0	0	0	0	14
Thu	00:15	0	0	0	0	0	0	0	0	3	5	3	1	0	0	0	0	12
	00:30	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	0	5
	00:45	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	0	4
	01:00	0	0	0	0	0	0	0	1	0	4	3	1	3	0	0	0	12
	01:15	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	01:45	0	0	0	0	0	0	0	0	2	2	2	1	1	0	0	0	8
	02:00	0	0	0	0	0	0	0	0	1	3	3	1	0	0	0	0	8
	02:15	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	5
	02:30	0	0	0	0	0	0	0	0	3	2	2	0	0	0	0	0	7
	02:45	0	0	0	0	0	0	0	0	2	0	1	3	0	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	1	3	0	2	0	0	0	0	6
	03:15	0	0	0	0	0	0	0	1	5	1	1	1	0	0	0	0	9
	03:30	0	0	0	0	0	0	0	1	1	2	2	0	0	0	0	0	6
	03:45	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6
	04:00	0	0	0	0	0	0	2	0	3	3	4	3	0	0	0	0	15
	04:15	0	0	0	0	0	0	0	0	1	5	5	1	2	0	0	0	14
	04:30	0	0	0	0	0	0	0	0	1	4	5	1	1	0	0	0	12
	04:45	0	1	0	0	0	0	0	1	1	5	1	4	3	0	0	0	16
	05:00	0	0	0	0	0	1	0	1	1	8	4	5	1	2	0	0	23
	05:15	0	0	0	1	0	0	0	0	3	3	7	6	2	0	0	0	22
	05:30	0	0	0	0	0	0	0	1	3	7	5	4	4	1	0	0	25
	05:45	0	0	0	0	0	0	1	2	1	7	0	2	2	0	0	0	15
	06:00	0	0	0	0	0	0	0	1	3	11	5	5	3	0	0	0	28
	06:15	0	0	0	0	0	0	0	1	2	10	9	5	3	1	0	0	31
	06:30	0	0	0	0	0	0	0	1	3	6	7	3	7	0	0	0	27
	06:45	0	0	0	0	0	0	0	0	3	11	6	9	7	0	0	0	36
	07:00	0	1	0	0	0	0	0	1	3	8	10	6	6	1	0	0	36
	07:15	0	0	0	0	0	0	0	0	3	7	8	7	5	3	0	0	33
	07:30	0	0	0	0	0	0	1	0	5	9	8	14	6	1	0	0	44
	07:45	0	0	0	0	0	0	0	1	5	11	10	10	8	0	0	0	45
	08:00	0	0	0	0	0	0	1	1	4	15	13	10	3	0	0	0	47
Daily Total :		0	2	0	1	0	1	5	15	66	168	134	110	70	9	0	0	581
Percent :		0%	0%	0%	0%	0%	0%	1%	3%	11%	29%	23%	19%	12%	2%	0%	0%	
Average :		0	0	0	0	0	0	0	0	2	5	4	3	2	0	0	0	43

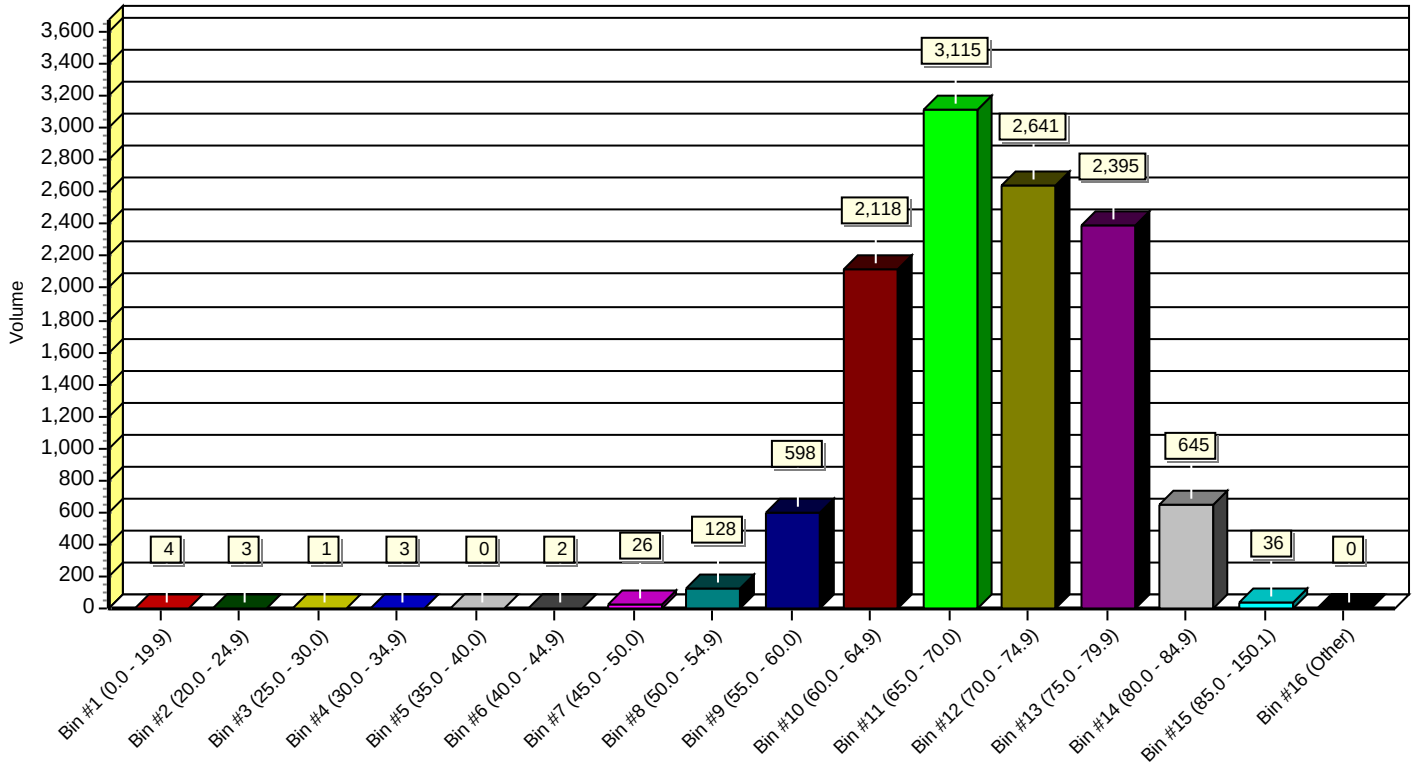
Speeds - Average: 66.5 50% : 66.4 67% : 69.8 85% : 74.4 10mph Pace: 60.1 - 70.0 (52.0%)

Basic Speed Class Summary: 4D0022456

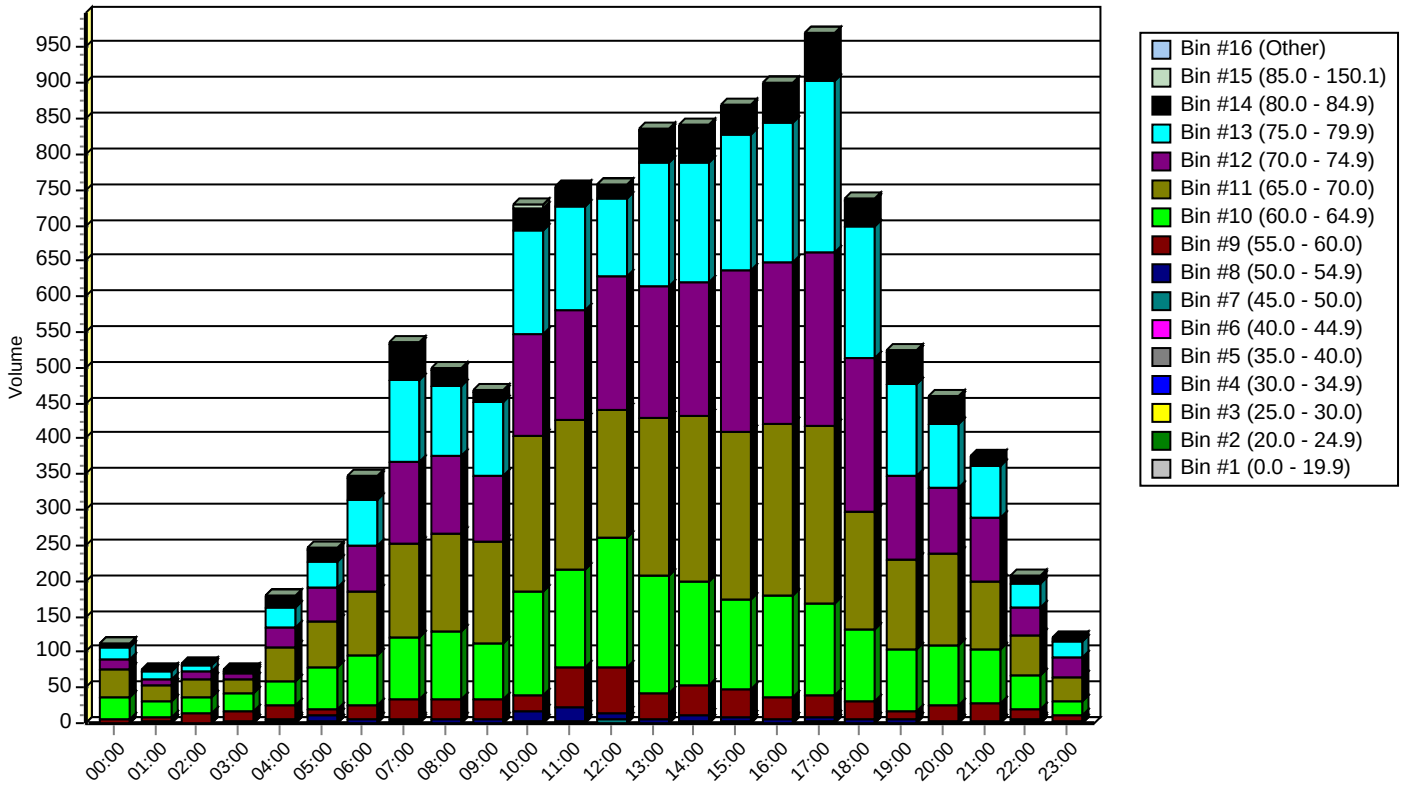
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	4	3	1	3	0	2	26	128	598	2118	3115	2641	2395	645	36	0	11715
		4	3	1	3	0	2	26	128	598	2118	3115	2641	2395	645	36	0	11715
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	5%	18%	27%	23%	20%	6%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	5%	18%	27%	23%	20%	6%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	2	8	11	9	9	2	0	0	41
		0	0	0	0	0	0	0	0	2	8	11	9	9	2	0	0	41
Days & ADT :	#1.	2.9	4002															
		2.9	4002															
Avg,50,67,85%:	#1.	70.0	69.8	73.6	77.8	65.0	- 74.9	49%										
		70.0	69.8	73.6	77.8	65.0	- 74.9	49%										

4D0022456 Speed Class Charts For Data From: 10:00 - 04/11/2011 To: 08:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0022456

Station ID : 4P0022456
Info Line 1 : W 434 WB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 4P0022456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14601
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 10:00 - 04/11/2011 To: 08:29 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	10:00	0	10	7	0	0	0	0	0	0	0	0	0	0	0	17
Mon	10:15	0	15	5	0	0	0	0	0	1	0	0	0	0	0	21
	10:30	0	13	4	0	0	0	0	0	0	0	0	0	0	1	18
	10:45	0	22	15	0	0	0	0	0	1	0	0	0	0	0	38
	11:00	0	12	7	0	0	0	0	0	0	0	0	0	0	0	19
	11:15	0	4	5	0	0	0	0	0	1	0	0	0	0	0	10
	11:30	0	15	4	0	0	0	0	0	1	0	0	0	0	0	20
	11:45	0	7	7	0	0	0	0	0	0	0	0	0	0	0	14
	12:00	0	14	4	0	1	0	0	0	1	0	0	0	1	1	22
	12:15	0	14	5	0	0	0	0	0	2	0	0	0	0	0	21
	12:30	0	14	11	0	0	0	0	0	1	0	0	0	0	0	26
	12:45	0	14	2	0	0	0	0	0	0	0	0	0	0	1	17
	13:00	0	9	10	0	0	0	0	0	1	0	0	0	0	0	20
	13:15	0	15	4	0	0	0	0	0	0	0	0	0	0	0	19
	13:30	0	16	6	1	0	0	0	0	1	0	0	0	0	0	24
	13:45	0	13	8	0	0	0	0	0	0	0	0	0	0	0	21
	14:00	0	13	10	0	0	0	0	0	1	0	0	0	0	0	24
	14:15	0	17	6	0	0	0	0	0	0	0	0	0	0	0	23
	14:30	0	16	12	0	0	0	0	0	1	0	0	0	0	1	30
	14:45	0	20	7	0	0	0	0	0	0	0	0	0	0	0	27
	15:00	0	9	7	0	0	0	0	0	1	0	0	0	0	0	17
	15:15	1	14	4	0	0	0	0	0	0	0	0	0	0	0	19
	15:30	0	9	11	0	0	0	0	0	1	0	0	0	0	0	21
	15:45	0	14	4	0	0	0	0	0	0	0	0	0	0	0	18
	16:00	0	5	6	0	0	0	0	0	2	0	0	0	0	1	14
	16:15	0	17	5	0	0	0	0	0	2	0	0	0	1	0	25
	16:30	0	7	4	0	0	0	0	0	1	0	0	0	0	0	12
	16:45	0	11	7	0	0	0	0	0	0	0	0	0	0	0	18
	17:00	0	23	8	0	0	1	0	0	0	0	0	0	0	0	32
	17:15	0	20	9	0	0	0	0	0	0	0	0	0	0	0	29
	17:30	1	12	5	1	0	0	0	0	2	0	0	0	0	0	21
	17:45	0	19	7	0	0	0	0	0	1	0	0	0	0	0	27
	18:00	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
	18:15	0	18	4	0	0	0	0	0	0	0	0	0	0	0	22

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	18:30	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
Mon	18:45	1	6	7	0	0	0	0	0	0	0	0	0	0	0	14
	19:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	19:15	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
	19:30	0	11	1	0	0	0	0	0	1	0	0	0	0	0	13
	19:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	20:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	20:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	20:30	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
	20:45	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	21:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	21:15	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
	21:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	21:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	22:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		3	528	239	2	1	1	0	0	26	0	0	0	2	5	807
	Percent :	0%	65%	30%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	1%	
	Average :	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
	05:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	05:45	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	06:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	06:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	06:30	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4
	06:45	0	4	1	0	0	0	0	0	1	0	0	0	0	0	6
	07:00	0	7	1	0	0	0	0	0	0	1	0	0	0	0	9
	07:15	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	07:30	0	9	2	1	0	0	0	0	0	0	0	0	0	0	12
	07:45	0	5	4	0	1	0	0	0	0	0	0	0	0	0	10
	08:00	0	8	2	0	0	0	0	0	1	0	0	0	0	0	11
	08:15	0	5	3	0	0	0	0	0	0	0	0	0	1	0	9
	08:30	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	08:45	0	7	6	0	0	0	0	0	0	0	0	0	0	0	13
	09:00	0	9	9	0	0	0	0	0	0	0	0	0	1	0	19
	09:15	0	11	8	0	0	0	0	0	0	0	0	0	0	0	19
	09:30	0	7	7	0	0	0	0	0	1	0	0	0	0	0	15
	09:45	0	7	5	0	0	0	0	0	2	0	0	0	0	0	14
	10:00	0	6	7	0	0	0	0	0	1	0	0	0	0	0	14
	10:15	0	4	5	0	0	0	0	0	0	0	0	0	0	0	9
	10:30	0	9	2	0	0	0	0	0	0	0	0	0	0	1	12
	10:45	0	3	8	0	0	0	0	0	0	0	0	0	0	0	11
	11:00	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	11:15	0	1	5	0	0	0	0	0	0	0	0	0	0	0	6
	11:30	0	6	5	0	0	0	0	0	0	0	0	0	0	0	11
	11:45	0	9	6	0	0	0	0	0	1	0	0	0	0	0	16
	12:00	0	7	7	0	0	0	0	0	0	0	0	0	0	0	14
	12:15	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	7	6	0	0	0	0	0	1	0	0	0	0	0	14
Tue	12:45	0	7	6	0	0	0	0	0	0	0	0	0	0	0	13
	13:00	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	13:15	0	10	4	0	0	0	0	0	0	0	0	0	0	0	14
	13:30	0	5	4	0	0	0	0	0	3	0	0	0	0	0	12
	13:45	0	10	5	0	0	0	0	0	0	0	0	0	0	0	15
	14:00	0	14	6	0	0	0	0	0	0	0	0	0	0	0	20
	14:15	0	13	5	0	0	0	0	0	1	0	0	0	0	0	19
	14:30	0	11	5	0	0	0	0	0	2	0	0	0	0	0	18
	14:45	0	12	11	1	0	0	0	1	1	0	0	0	0	0	26
	15:00	0	14	5	0	0	0	0	0	2	0	0	0	0	0	21
	15:15	1	17	3	0	0	0	0	0	1	0	0	0	0	0	22
	15:30	0	14	3	0	0	0	0	1	1	0	0	0	0	1	20
	15:45	0	11	4	0	0	0	0	0	1	0	0	0	0	0	16
	16:00	0	12	7	0	0	0	0	1	0	0	0	0	0	0	20
	16:15	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	16:30	0	11	13	0	0	0	0	0	0	0	0	0	0	0	24
	16:45	0	13	7	0	0	0	0	0	0	0	0	0	0	0	20
	17:00	0	23	6	0	0	0	0	0	1	1	0	0	0	0	31
	17:15	0	15	7	0	0	0	0	0	0	0	0	0	0	0	22
	17:30	0	19	8	0	0	0	0	0	1	0	0	0	0	0	28
	17:45	0	23	12	0	0	0	0	0	1	0	0	0	0	1	37
	18:00	0	10	9	0	0	0	0	0	0	0	0	0	0	0	19
	18:15	0	11	10	0	0	0	0	0	0	0	0	0	0	0	21
	18:30	0	10	2	0	0	0	0	0	0	0	0	0	0	0	12
	18:45	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	19:00	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
	19:15	0	6	5	0	0	0	0	0	0	1	0	0	1	0	13
	19:30	0	4	0	0	0	0	0	0	1	0	0	0	0	0	5
	19:45	0	4	4	0	0	0	0	0	1	0	0	0	0	0	9
	20:00	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	20:15	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	20:30	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	20:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	21:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	21:15	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	21:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	21:45	0	2	1	0	0	0	0	0	0	0	0	0	1	0	4
	22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		3	525	297	2	1	0	0	3	28	3	0	0	5	3	870
	Percent :	0%	60%	34%	0%	0%	0%	0%	0%	3%	0%	0%	0%	1%	0%	
	Average :	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	04:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	06:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	06:15	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	06:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	06:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	07:00	0	4	6	0	0	0	0	0	0	0	0	0	0	0	10
	07:15	0	5	2	0	1	0	0	0	0	0	0	0	0	0	8
	07:30	0	8	6	0	0	0	0	0	0	0	0	0	0	0	14
	07:45	0	8	5	0	0	0	0	0	1	0	0	0	0	0	14
	08:00	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
	08:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	08:30	0	10	5	0	0	0	0	0	0	0	0	0	0	0	15
	08:45	0	5	8	0	0	0	0	0	0	0	0	0	0	0	13
	09:00	0	7	4	0	0	0	0	0	2	0	0	0	0	0	13
	09:15	0	7	7	0	0	0	0	0	0	0	0	0	0	0	14
	09:30	0	9	8	0	0	0	0	0	1	0	0	0	0	0	18
	09:45	0	11	3	0	0	0	0	0	1	0	0	0	0	0	15
	10:00	0	2	6	0	0	0	0	0	2	0	0	0	0	0	10
	10:15	0	10	9	0	0	0	0	0	1	0	0	0	0	0	20
	10:30	0	8	8	0	0	0	0	0	0	0	0	0	0	0	16
	10:45	0	2	5	0	0	0	1	0	0	0	0	0	0	1	9
	11:00	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
	11:15	0	12	6	0	0	0	0	0	1	0	0	0	0	0	19
	11:30	0	4	5	1	0	0	0	1	0	0	0	0	0	0	11
	11:45	0	13	7	0	0	0	0	0	2	0	0	0	0	0	22
	12:00	0	18	4	0	0	0	0	0	1	0	0	0	0	0	23
	12:15	1	22	8	0	0	0	0	0	1	0	0	0	0	0	32

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	15	4	0	0	0	0	0	2	0	0	0	0	0	21
Wed	12:45	0	13	6	0	0	0	0	1	0	0	0	0	0	0	20
	13:00	0	18	6	0	0	0	0	0	1	1	0	0	0	0	26
	13:15	0	9	8	0	0	0	0	0	0	0	0	0	0	0	17
	13:30	0	16	5	0	0	0	0	0	1	0	0	0	0	0	22
	13:45	0	10	11	0	0	0	0	0	1	0	0	0	0	0	22
	14:00	0	10	5	0	0	0	0	0	1	0	0	0	0	0	16
	14:15	0	16	8	0	0	0	0	0	0	0	0	0	0	0	24
	14:30	0	16	9	0	0	0	0	0	0	0	0	0	0	0	25
	14:45	0	23	7	0	0	0	0	0	1	0	0	0	0	0	31
	15:00	0	10	7	0	0	0	0	0	2	0	0	0	0	0	19
	15:15	0	17	14	0	0	0	0	0	0	0	0	0	0	0	31
	15:30	0	15	8	0	0	0	0	0	0	0	0	0	0	0	23
	15:45	1	20	12	0	0	0	0	1	3	0	0	0	0	0	37
	16:00	0	18	5	0	0	0	0	1	0	0	0	0	0	0	24
	16:15	0	18	10	0	0	0	0	1	1	1	0	0	0	0	31
	16:30	0	15	8	0	0	0	0	0	1	1	0	0	1	0	26
	16:45	0	15	8	0	0	0	0	0	1	0	0	0	0	1	25
	17:00	0	14	15	0	0	0	0	0	1	0	0	0	0	0	30
	17:15	0	14	11	0	0	0	0	0	1	0	0	0	0	0	26
	17:30	0	29	13	0	0	0	0	0	2	0	0	0	0	1	45
	17:45	0	18	8	0	0	0	0	0	1	0	0	0	0	1	28
	18:00	0	20	10	0	0	0	0	0	0	0	0	0	0	0	30
	18:15	0	9	7	0	0	0	0	0	1	0	0	0	0	0	17
	18:30	0	5	4	0	0	0	0	0	0	0	0	0	1	0	10
	18:45	0	10	4	0	0	0	0	0	3	0	0	0	0	0	17
	19:00	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
	19:15	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
	19:30	0	7	3	0	0	0	0	0	1	0	0	0	0	0	11
	19:45	0	9	2	0	0	0	0	0	0	0	0	0	0	1	12
	20:00	0	10	2	0	0	0	0	0	0	0	0	0	0	0	12
	20:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	20:30	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	20:45	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	21:00	0	4	3	0	0	0	0	1	0	0	0	1	0	0	9
	21:15	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8
	21:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	21:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
	22:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		2	655	369	1	1	1	1	6	40	4	0	1	2	6	1089
Percent :		0%	60%	34%	0%	0%	0%	0%	1%	4%	0%	0%	0%	0%	1%	
Average :		0	7	4	0	0	0	0	0	0	0	0	0	0	0	11

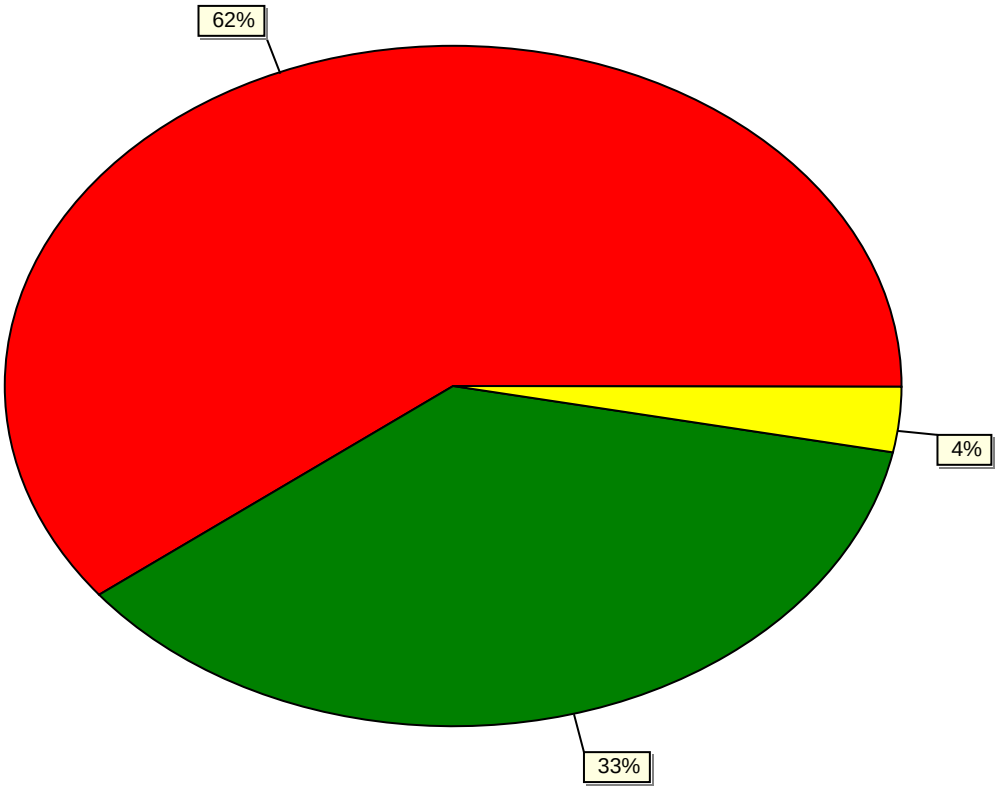
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2
	05:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	05:30	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	05:45	0	2	1	0	0	0	1	0	0	0	0	0	0	0	4
	06:00	0	4	1	0	0	0	0	0	1	0	0	0	0	0	6
	06:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	06:30	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	06:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	07:00	1	14	6	0	0	0	0	1	2	0	0	0	0	0	24
	07:15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	07:30	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
	07:45	0	5	2	0	0	0	0	0	1	0	0	0	0	0	8
	08:00	0	4	5	0	0	0	0	0	1	0	0	0	0	0	10
Daily Total :		1	55	24	0	0	0	1	1	8	0	0	0	1	0	91
	Percent :	1%	60%	26%	0%	0%	0%	1%	1%	9%	0%	0%	0%	1%	0%	
	Average :	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3

Basic Axle Class Summary: 4P0022456

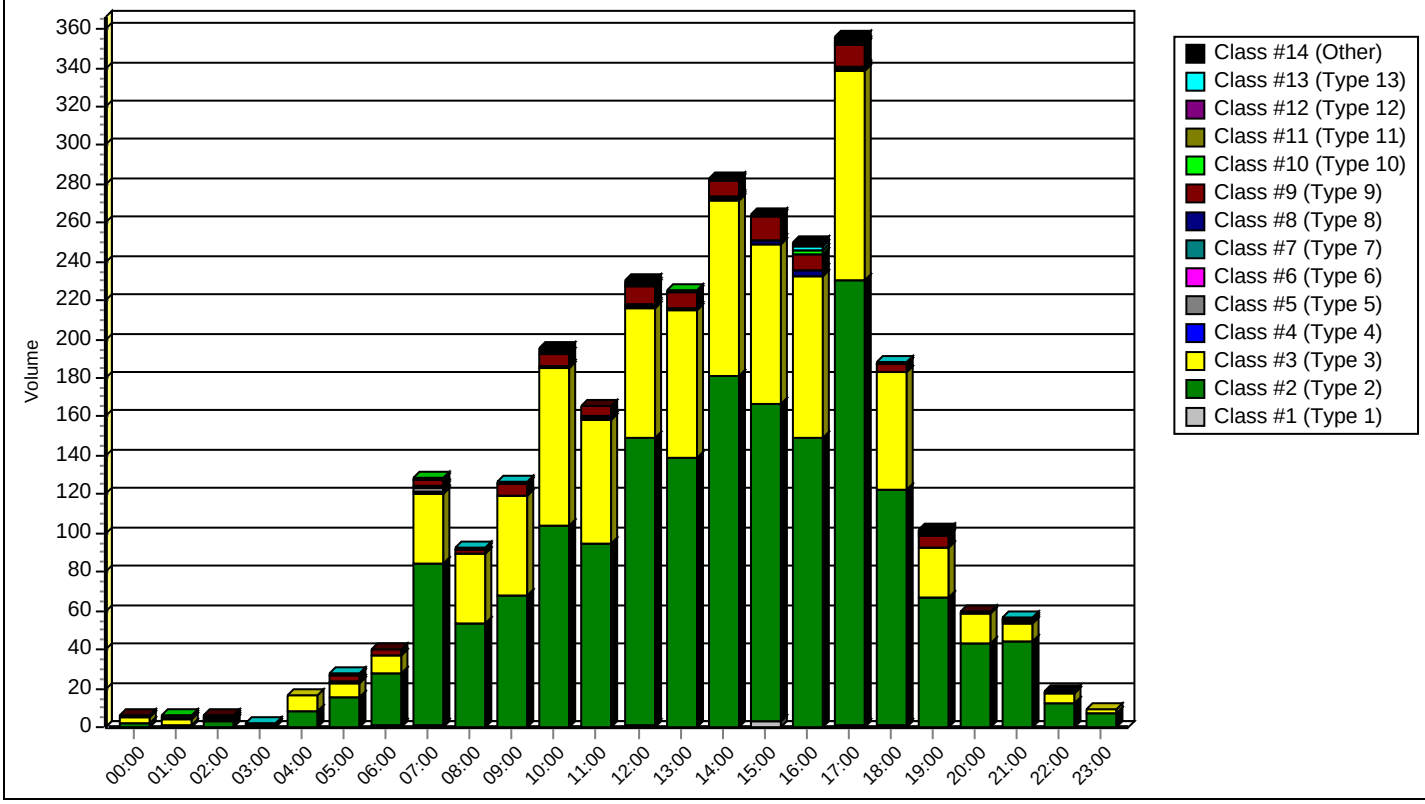
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	9	1763	929	5	3	2	2	10	102	7	0	1	10	14	2857
		9	1763	929	5	3	2	2	10	102	7	0	1	10	14	2857
Percents :	#1.	0%	62%	33%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	100%
		0%	62%	33%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	
Average :	#1.	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
		0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
Days & ADT :	#1.	2.9	976													
		2.9	976													

4P0022456 Axle Class Charts For Data From: 10:00 - 04/11/2011 To: 08:29 - 04/14/2011

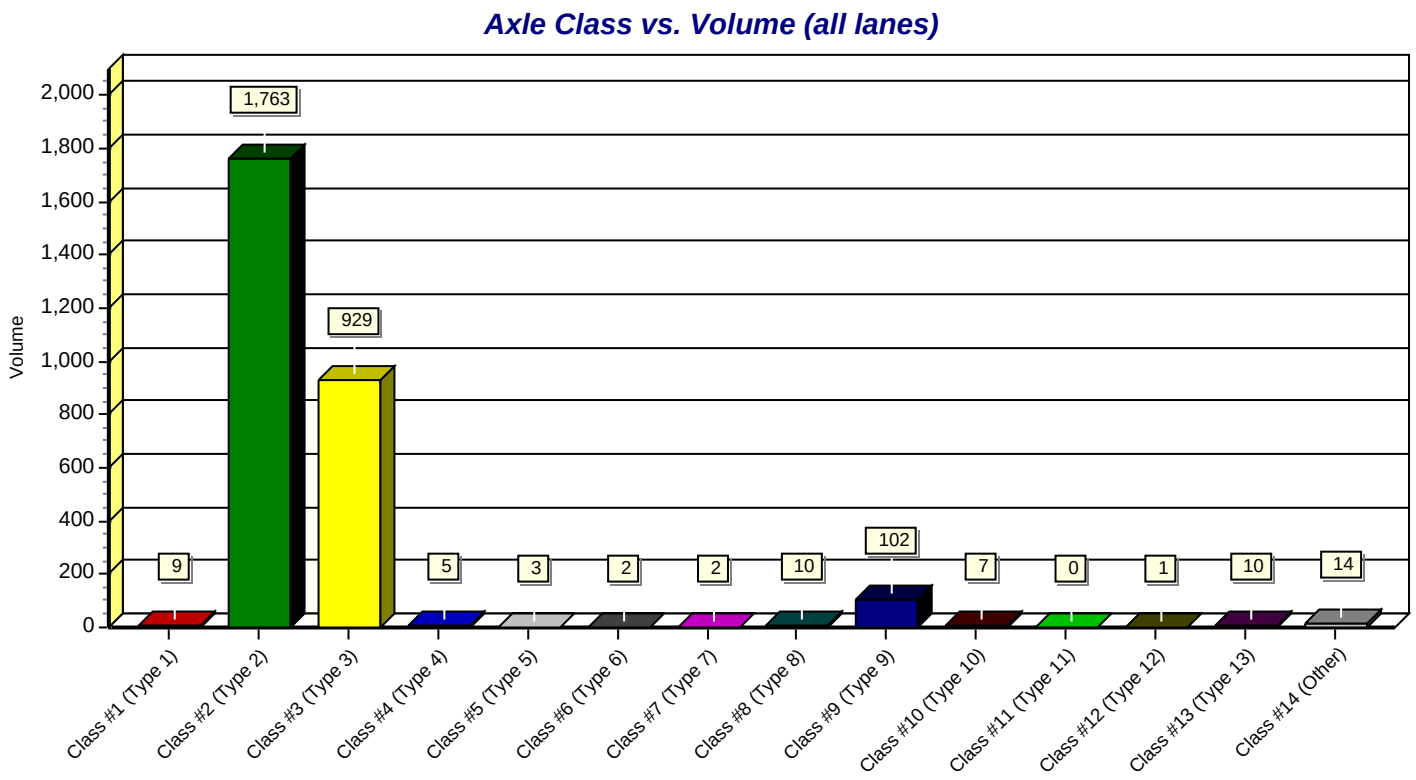
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0022456 Axle Class Charts For Data From: 10:00 - 04/11/2011 To: 08:29 - 04/14/2011



Basic Speed Classification Report: 4P0022456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 10:00 - 04/11/2011 To: 08:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	10:00	0	0	0	0	0	0	0	0	0	0	2	12	3	0	0	0	17
Mon	10:15	0	0	0	0	0	0	0	0	0	3	3	12	3	0	0	0	21
	10:30	0	0	0	0	0	0	0	0	3	1	4	9	1	0	0	0	18
	10:45	0	0	0	0	0	0	0	0	0	6	9	18	5	0	0	0	38
	11:00	0	0	0	0	0	0	0	0	0	0	3	10	6	0	0	0	19
	11:15	0	0	0	0	0	0	0	0	0	3	1	6	0	0	0	0	10
	11:30	0	0	0	0	0	0	0	0	0	4	3	10	3	0	0	0	20
	11:45	0	0	0	0	0	0	0	0	0	2	2	9	1	0	0	0	14
	12:00	0	0	0	0	0	1	1	1	0	3	4	7	4	1	0	0	22
	12:15	0	0	0	0	0	0	0	1	0	2	8	10	0	0	0	0	21
	12:30	0	0	0	0	0	0	0	0	2	1	10	9	4	0	0	0	26
	12:45	0	0	0	0	0	0	0	0	0	0	3	11	3	0	0	0	17
	13:00	0	0	0	0	0	0	0	0	0	0	6	4	7	3	0	0	20
	13:15	0	0	0	0	0	0	0	0	0	0	0	7	11	1	0	0	19
	13:30	0	0	0	0	0	0	0	0	0	1	4	4	14	1	0	0	24
	13:45	0	0	0	0	0	0	0	0	0	1	3	8	9	0	0	0	21
	14:00	0	0	0	0	0	0	0	0	0	1	3	13	6	1	0	0	24
	14:15	0	0	0	0	0	0	0	0	0	0	3	9	10	1	0	0	23
	14:30	0	0	0	0	0	0	0	0	0	0	7	8	14	1	0	0	30
	14:45	0	0	0	0	0	0	0	0	0	0	0	7	19	1	0	0	27
	15:00	0	0	0	0	0	0	0	0	0	0	3	3	6	4	1	0	17
	15:15	0	0	0	0	0	0	0	0	0	0	0	4	14	1	0	0	19
	15:30	0	0	0	0	0	0	0	0	0	0	3	2	13	2	1	0	21
	15:45	0	0	0	0	0	0	0	0	0	0	1	5	11	1	0	0	18
	16:00	0	0	0	0	0	0	0	0	0	1	3	5	5	0	0	0	14
	16:15	0	0	0	0	0	0	0	0	0	0	6	13	6	0	0	0	25
	16:30	0	0	0	0	0	0	0	0	0	4	1	3	3	1	0	0	12
	16:45	0	0	0	0	0	0	0	0	0	0	2	5	11	0	0	0	18
	17:00	0	0	0	0	0	0	0	0	0	0	3	11	15	3	0	0	32
	17:15	0	0	0	0	0	0	0	0	0	0	3	6	17	3	0	0	29
	17:30	0	0	0	0	0	0	0	0	0	0	6	5	8	2	0	0	21
	17:45	0	0	0	0	0	0	0	0	0	2	2	14	9	0	0	0	27
	18:00	0	0	0	0	0	0	0	0	0	0	2	4	5	0	0	0	11
	18:15	0	0	0	0	0	0	0	0	0	0	2	6	12	2	0	0	22
	18:30	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	8
	18:45	0	0	0	0	0	0	0	0	0	0	0	7	7	0	0	0	14
	19:00	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	5
	19:15	0	0	0	0	0	0	0	0	0	1	0	1	5	0	0	0	7
	19:30	0	0	0	0	0	0	0	0	0	0	1	4	8	0	0	0	13
	19:45	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	20:00	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3
Mon	20:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	20:30	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	5
	20:45	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	4
	21:00	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	5
	21:15	0	0	0	0	0	0	0	0	0	1	0	4	2	0	0	0	7
	21:30	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
	21:45	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	22:00	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
	22:15	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	22:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		0	0	0	0	0	1	1	2	5	38	117	299	313	29	2	0	807
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	5%	14%	37%	39%	4%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	2	5	6	1	0	0	9

Speeds - Average: 73.4 50% : 73.9 67% : 76.3 85% : 78.5 10mph Pace: 70.0 - 79.9 (76.0%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	01:45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	1	2	4	0	0	0	7
	05:30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	05:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	06:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	3
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	06:30	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	4
	06:45	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	6
	07:00	0	0	0	0	0	0	0	0	0	1	0	1	3	4	0	0	9
	07:15	0	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	7
	07:30	0	0	0	0	0	0	0	0	1	0	1	3	6	1	0	0	12
	07:45	0	0	0	0	0	0	0	0	0	0	1	4	4	1	0	0	10
	08:00	0	0	0	0	0	0	0	0	0	0	2	3	6	0	0	0	11
	08:15	0	0	0	0	0	0	0	0	0	0	1	6	2	0	0	0	9
	08:30	0	0	0	0	0	0	0	0	0	1	0	4	6	0	0	0	11
	08:45	0	0	0	0	0	0	0	0	0	0	3	7	2	1	0	0	13
	09:00	0	0	0	0	0	0	0	0	0	0	3	8	8	0	0	0	19
	09:15	0	0	0	0	0	0	0	0	0	2	5	7	4	1	0	0	19
	09:30	0	0	0	0	0	0	0	0	0	1	1	9	3	1	0	0	15
	09:45	0	0	0	0	0	0	0	0	0	1	4	4	4	1	0	0	14
	10:00	0	0	0	0	0	0	0	0	0	0	2	4	6	2	0	0	14
	10:15	0	0	0	0	0	0	0	0	0	0	1	3	4	1	0	0	9
	10:30	0	0	0	0	0	0	0	0	0	1	2	6	3	0	0	0	12
	10:45	0	0	0	0	0	0	0	0	0	1	2	4	3	1	0	0	11
	11:00	0	0	0	0	0	0	0	0	0	0	2	5	1	0	0	0	8
	11:15	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	6
	11:30	0	0	0	0	0	0	0	0	0	0	1	5	5	0	0	0	11
	11:45	0	0	0	0	0	0	0	1	0	1	0	2	10	2	0	0	16
	12:00	0	0	0	0	0	0	0	0	0	0	2	3	8	1	0	0	14
	12:15	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	7

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	0	2	6	6	0	0	0	14
Tue	12:45	0	0	0	0	0	0	0	0	0	1	1	7	3	1	0	0	13
	13:00	0	0	0	0	0	0	0	0	0	0	0	5	6	1	1	0	13
	13:15	0	0	0	0	0	0	0	0	0	0	0	2	10	2	0	0	14
	13:30	0	0	0	0	0	0	0	0	0	1	2	5	2	1	1	0	12
	13:45	0	0	0	0	0	0	0	0	0	0	2	7	5	1	0	0	15
	14:00	0	0	0	0	0	0	0	0	0	0	1	8	8	3	0	0	20
	14:15	0	0	0	0	0	0	0	0	0	0	4	7	5	3	0	0	19
	14:30	0	0	0	0	0	0	0	0	0	2	2	4	9	1	0	0	18
	14:45	0	0	0	0	0	0	0	0	0	0	6	4	14	2	0	0	26
	15:00	0	0	0	0	0	0	0	0	0	1	2	13	5	0	0	0	21
	15:15	0	0	0	0	0	0	0	0	0	0	4	10	6	2	0	0	22
	15:30	0	0	0	0	0	0	0	0	0	0	6	6	7	1	0	0	20
	15:45	0	0	0	0	0	0	0	0	0	0	1	5	10	0	0	0	16
	16:00	0	0	0	0	0	0	0	0	0	1	0	7	11	1	0	0	20
	16:15	0	0	0	0	0	0	0	0	0	1	1	3	6	0	0	0	11
	16:30	0	0	0	0	0	0	0	1	0	0	0	6	15	2	0	0	24
	16:45	0	0	0	0	0	0	0	0	0	0	3	4	9	4	0	0	20
	17:00	0	0	0	0	0	0	0	0	0	0	4	8	13	6	0	0	31
	17:15	0	0	0	0	0	0	0	0	0	0	1	7	9	5	0	0	22
	17:30	0	0	0	0	0	0	0	0	0	0	4	8	13	3	0	0	28
	17:45	0	0	0	0	0	0	0	0	0	1	2	8	21	4	1	0	37
	18:00	0	0	0	0	0	0	0	0	1	0	0	7	11	0	0	0	19
	18:15	0	0	0	0	0	0	0	0	0	0	1	7	11	1	1	0	21
	18:30	0	0	0	0	0	0	0	0	0	0	2	1	9	0	0	0	12
	18:45	0	0	0	0	0	0	0	0	0	0	0	3	3	1	0	0	7
	19:00	0	0	0	0	0	0	0	0	0	0	1	3	3	0	0	0	7
	19:15	0	0	0	0	0	0	0	0	0	0	2	1	5	4	1	0	13
	19:30	0	0	0	0	0	0	0	0	0	0	1	1	3	0	0	0	5
	19:45	0	0	0	0	0	0	0	0	0	0	2	1	5	1	0	0	9
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	0	6
	20:15	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	5
	20:30	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	20:45	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	4
	21:00	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	5
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
	21:30	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4
	21:45	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	22:15	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	0	0	0	0	0	2	2	18	105	281	376	76	8	0	870
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	12%	32%	43%	9%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	1	3	4	1	0	0	15

Speeds - Average: 74.9 50% : 75.5 67% : 77.4 85% : 79.3 10mph Pace: 70.0 - 79.9 (75.6%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3
	04:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	05:45	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	06:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	06:15	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	4
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	07:00	0	0	0	0	0	0	0	0	0	0	0	3	2	4	1	0	10
	07:15	0	0	0	0	0	0	0	0	0	0	0	1	4	2	1	0	8
	07:30	0	0	0	0	0	0	0	0	0	0	0	1	7	6	0	0	14
	07:45	0	0	0	0	0	0	0	0	0	1	0	3	6	4	0	0	14
	08:00	0	0	0	0	0	0	0	0	0	0	0	2	8	0	0	0	10
	08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	08:30	0	0	0	0	0	0	0	0	1	0	0	5	7	2	0	0	15
	08:45	0	0	0	0	0	0	0	0	0	0	1	3	7	2	0	0	13
	09:00	0	0	0	0	0	0	0	0	0	1	1	1	8	2	0	0	13
	09:15	0	0	0	0	0	0	0	0	0	1	1	6	4	2	0	0	14
	09:30	0	0	0	0	0	0	0	0	0	0	7	4	7	0	0	0	18
	09:45	0	0	0	0	0	0	0	0	0	0	2	5	4	4	0	0	15
	10:00	0	0	0	0	0	0	0	0	0	0	2	1	7	0	0	0	10
	10:15	0	0	0	0	0	0	0	0	0	3	4	5	8	0	0	0	20
	10:30	0	0	0	0	0	0	0	0	0	0	4	5	6	1	0	0	16
	10:45	0	0	0	0	0	0	0	0	0	0	2	2	5	0	0	0	9
	11:00	0	0	0	0	0	0	0	0	0	0	1	3	5	1	0	0	10
	11:15	0	0	0	0	0	0	0	0	0	0	2	5	12	0	0	0	19
	11:30	0	0	0	0	0	0	0	0	0	0	3	5	3	0	0	0	11
	11:45	0	0	0	0	0	0	0	1	0	0	2	9	10	0	0	0	22
	12:00	0	0	0	0	0	0	0	0	0	0	3	3	14	3	0	0	23
	12:15	1	0	0	0	0	0	0	0	0	0	4	16	11	0	0	0	32

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	0	4	1	7	8	1	0	0	21
Wed	12:45	0	0	0	0	0	0	0	0	0	0	5	11	3	1	0	0	20
	13:00	0	0	0	0	0	0	0	0	0	2	2	12	10	0	0	0	26
	13:15	0	0	0	0	0	0	0	0	0	0	1	9	6	1	0	0	17
	13:30	0	0	0	0	0	0	0	0	0	0	3	7	11	1	0	0	22
	13:45	0	0	0	0	0	0	0	0	0	1	3	5	11	2	0	0	22
	14:00	0	0	0	0	0	0	0	0	0	2	3	5	6	0	0	0	16
	14:15	0	0	0	0	0	0	0	0	0	0	2	8	13	1	0	0	24
	14:30	0	0	0	0	0	0	0	0	0	0	1	12	8	4	0	0	25
	14:45	0	0	0	0	0	0	0	0	1	1	3	10	13	3	0	0	31
	15:00	0	0	0	0	0	0	0	0	0	1	2	8	7	1	0	0	19
	15:15	0	0	0	0	0	0	0	0	0	1	2	13	11	4	0	0	31
	15:30	0	0	0	0	0	0	0	0	0	0	1	10	11	1	0	0	23
	15:45	1	0	0	0	0	0	0	0	1	2	2	9	21	1	0	0	37
	16:00	0	0	0	0	0	0	0	0	0	0	0	8	12	3	1	0	24
	16:15	0	0	0	0	0	0	0	0	0	0	5	15	10	1	0	0	31
	16:30	0	0	0	0	0	0	0	0	1	2	5	6	11	1	0	0	26
	16:45	0	0	0	0	0	0	0	0	0	2	3	6	11	3	0	0	25
	17:00	1	0	0	0	0	0	0	0	0	0	1	10	11	7	0	0	30
	17:15	0	0	0	0	0	0	0	0	0	0	2	9	13	2	0	0	26
	17:30	0	0	0	0	0	0	0	0	0	0	10	16	16	3	0	0	45
	17:45	0	0	0	0	0	0	0	0	0	1	0	9	14	4	0	0	28
	18:00	0	0	0	0	0	0	0	0	0	0	0	14	15	0	1	0	30
	18:15	0	0	0	0	0	0	0	0	0	0	2	3	9	3	0	0	17
	18:30	0	0	0	0	0	0	0	0	0	1	0	2	7	0	0	0	10
	18:45	0	0	0	0	0	0	0	0	0	1	3	6	6	0	1	0	17
	19:00	0	0	0	0	0	0	0	0	0	0	2	1	3	1	0	0	7
	19:15	0	0	0	0	0	0	0	0	0	0	2	2	5	1	0	0	10
	19:30	0	0	0	0	0	0	0	0	0	0	2	3	4	2	0	0	11
	19:45	0	0	0	0	0	0	0	0	0	0	1	6	4	1	0	0	12
	20:00	0	0	0	0	0	0	0	0	0	0	0	5	6	1	0	0	12
	20:15	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	4
	20:30	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	6
	20:45	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	6
	21:00	0	0	0	0	0	0	0	0	0	2	2	4	1	0	0	0	9
	21:15	0	0	0	0	0	0	0	0	0	2	2	3	1	0	0	0	8
	21:30	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
	21:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	22:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	22:15	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	0	0	0	0	0	0	1	4	32	120	363	464	96	5	0	1089
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	11%	33%	43%	9%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	1	4	5	1	0	0	9

Speeds - Average: 74.6 50% : 75.3 67% : 77.2 85% : 79.3 10mph Pace: 70.1 - 80.0 (76.1%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	05:00	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	05:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	05:45	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	4
	06:00	0	0	0	0	0	0	0	0	0	1	3	1	1	0	0	0	6
	06:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	06:30	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	0	4
	06:45	0	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	5
	07:00	0	1	0	0	0	0	0	0	1	6	4	8	3	1	0	0	24
	07:15	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	07:30	0	0	0	0	0	0	0	0	0	0	3	4	2	0	0	0	9
	07:45	0	0	0	0	0	0	0	0	0	2	1	5	0	0	0	0	8
	08:00	0	0	0	0	0	0	0	0	0	0	4	5	1	0	0	0	10
Daily Total :		0	1	0	0	1	0	0	0	2	15	22	37	12	1	0	0	91
Percent :		0%	1%	0%	0%	1%	0%	0%	0%	2%	16%	24%	41%	13%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	11

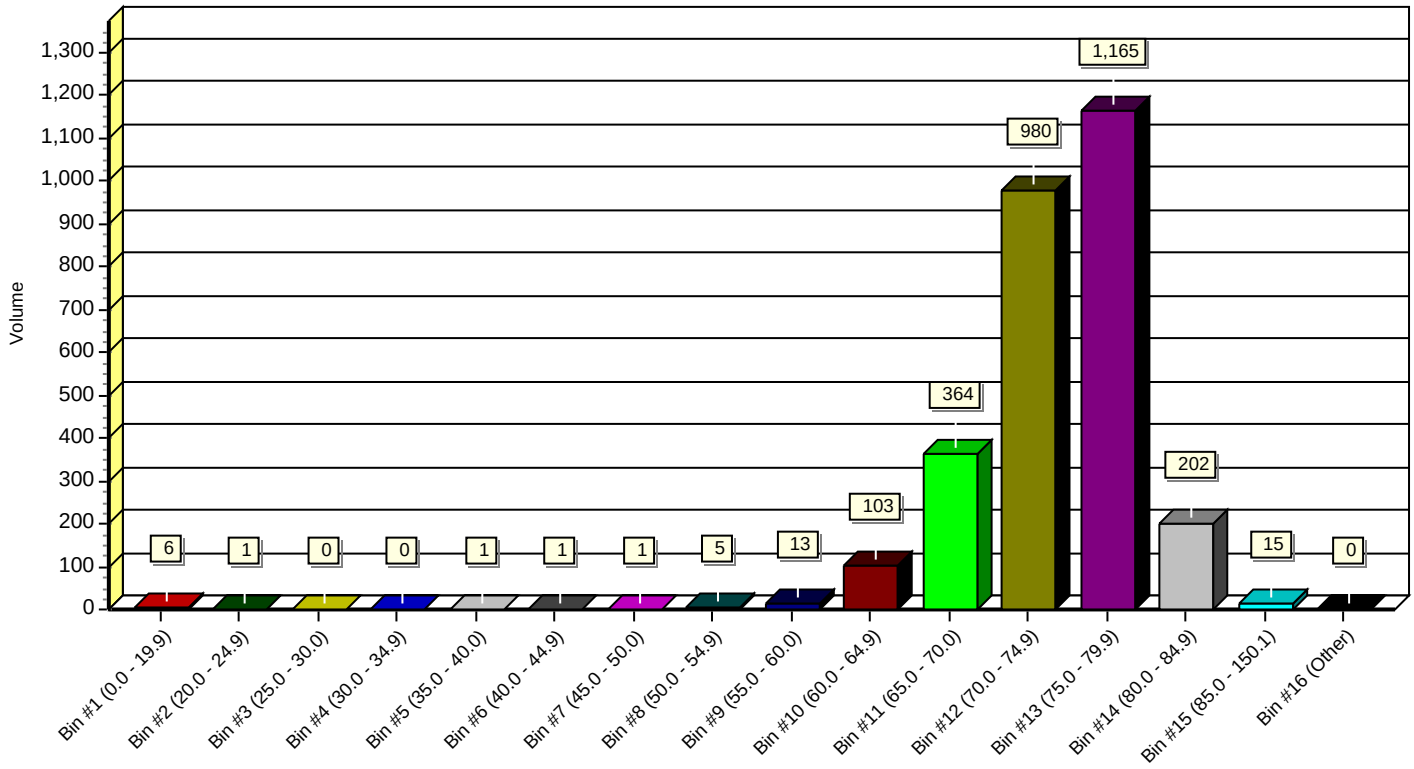
Speeds - Average: 69.2 50% : 71.6 67% : 72.6 85% : 73.6 10mph Pace: 66.9 - 76.8 (64.8%)

Basic Speed Class Summary: 4P0022456

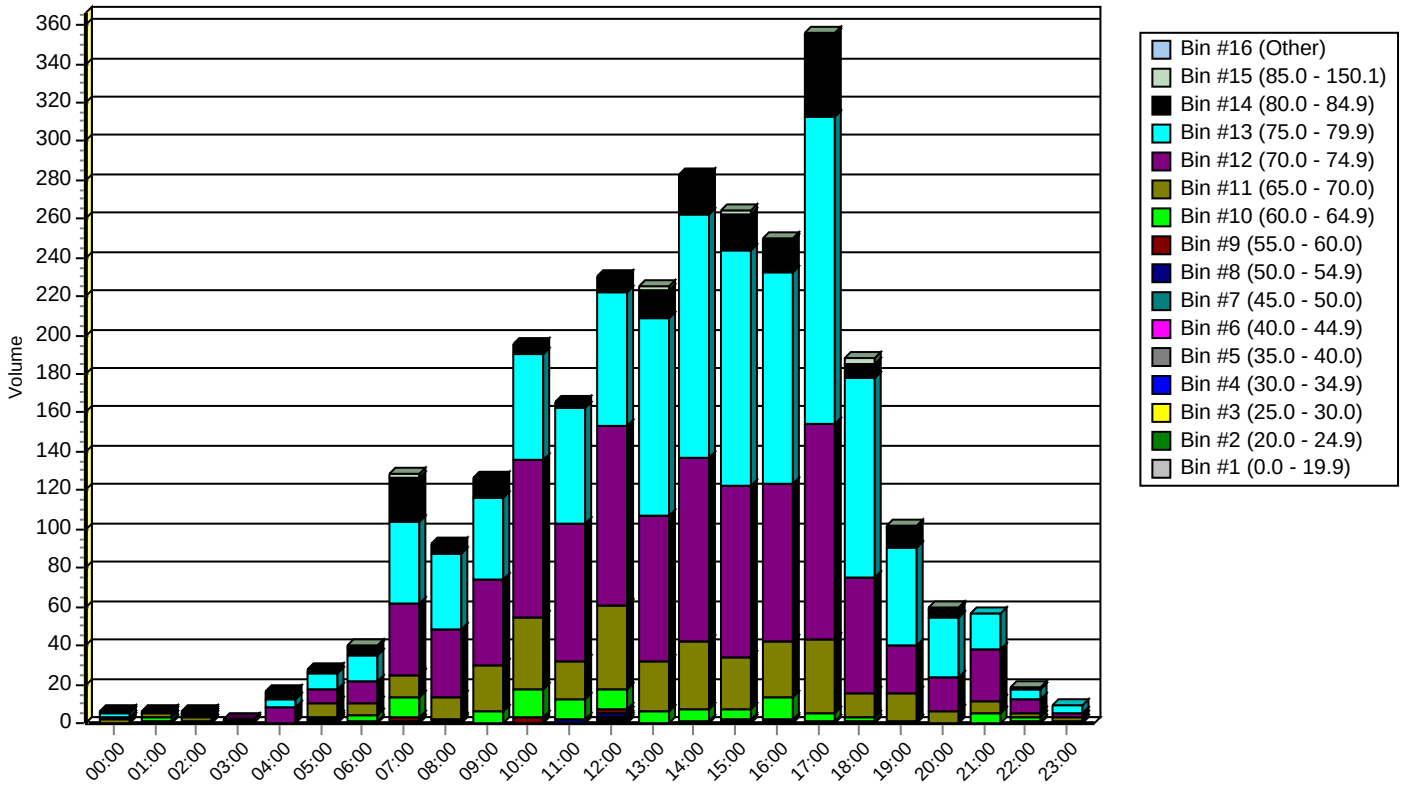
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	6	1	0	0	1	1	1	5	13	103	364	980	1165	202	15	0	2857
		6	1	0	0	1	1	1	5	13	103	364	980	1165	202	15	0	2857
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	13%	34%	41%	7%	1%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	13%	34%	41%	7%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	0	1	3	4	1	0	0	9
		0	0	0	0	0	0	0	0	0	0	1	3	4	1	0	0	9
Days & ADT :	#1.	2.9	976															
		2.9	976															
Avg,50,67,85%:	#1.	74.2	74.8	76.9	79.1	70.1	- 80.0	75%										
		74.2	74.8	76.9	79.1	70.1	- 80.0	75%										

4P0022456 Speed Class Charts For Data From: 10:00 - 04/11/2011 To: 08:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0000156

Station ID : 2D0000156
Info Line 1 : EB 434 DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 2D00000156.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14605
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 10:45 - 04/11/2011 To: 08:14 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
04/11/11	10:45	0	3	13	0	1	0	0	1	1	0	0	0	0	0	19
Mon	11:00	0	1	10	0	1	0	0	1	3	0	0	0	0	0	16
	11:15	0	1	30	0	4	0	0	4	3	0	0	0	0	0	42
	11:30	0	1	34	0	8	0	0	3	4	1	0	0	1	0	52
	11:45	1	2	23	0	7	0	0	2	6	0	0	0	0	0	41
	12:00	0	1	25	1	8	0	0	4	2	0	0	0	1	0	42
	12:15	0	3	20	0	3	0	0	4	5	0	0	1	3	1	40
	12:30	0	2	21	0	6	1	0	2	3	1	0	0	1	1	38
	12:45	0	0	36	0	4	0	0	3	5	0	0	0	2	5	55
	13:00	0	0	22	1	5	0	0	2	1	0	0	0	2	0	33
	13:15	0	0	20	3	6	0	0	1	5	0	0	0	1	2	38
	13:30	0	2	35	0	2	0	0	1	1	0	0	0	0	0	41
	13:45	0	0	29	1	7	0	0	3	3	0	0	0	0	0	43
	14:00	1	0	23	1	3	0	0	3	6	0	0	0	0	0	37
	14:15	0	0	24	0	7	0	1	2	5	0	0	0	0	0	39
	14:30	0	0	21	0	7	0	0	0	3	0	0	0	4	0	35
	14:45	0	1	25	0	2	0	0	4	4	0	0	0	1	0	37
	15:00	0	0	34	1	2	0	0	0	4	0	0	0	1	0	42
	15:15	1	0	36	1	9	0	0	2	7	0	0	0	1	3	60
	15:30	3	2	23	2	9	0	0	0	3	0	0	0	2	0	44
	15:45	0	0	26	1	5	0	0	4	6	1	0	0	3	0	46
	16:00	1	0	33	1	3	0	0	1	3	0	0	0	0	2	44
	16:15	0	0	32	0	4	0	0	1	4	0	0	0	1	1	43
	16:30	0	1	32	0	5	0	0	0	2	0	0	0	2	2	44
	16:45	0	0	23	2	8	0	0	3	4	0	0	0	2	0	42
	17:00	0	0	32	1	7	0	0	2	3	1	0	0	0	1	47
	17:15	1	2	32	2	5	0	0	2	4	0	0	0	1	0	49
	17:30	1	1	26	3	4	0	0	2	1	0	0	0	1	2	41
	17:45	0	1	28	2	5	0	0	2	7	0	0	0	1	2	48
	18:00	0	1	18	0	7	0	0	0	5	0	0	0	0	3	34
	18:15	0	2	21	1	11	0	0	2	3	1	0	0	2	0	43
	18:30	0	0	24	1	3	0	0	2	5	0	0	0	1	1	37
	18:45	0	1	22	1	13	0	0	1	8	0	0	0	1	0	47
	19:00	1	2	15	2	4	0	0	0	4	0	0	0	3	4	35

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
04/11/11	19:15	1	2	21	1	4	0	0	4	7	0	0	0	3	1	44
Mon	19:30	0	0	27	0	8	0	0	3	3	0	0	0	1	1	43
	19:45	0	0	17	1	5	0	0	1	5	0	0	0	0	1	30
	20:00	0	0	16	2	10	0	0	2	2	0	0	0	1	2	35
	20:15	0	0	13	1	6	0	0	1	11	0	0	0	0	1	33
	20:30	0	1	21	1	3	0	0	0	5	0	0	0	0	3	34
	20:45	0	0	10	2	1	0	0	0	7	0	0	0	1	0	21
	21:00	0	0	16	1	6	0	0	2	3	0	0	0	1	2	31
	21:15	1	1	13	1	4	0	0	1	4	0	0	0	0	0	25
	21:30	0	0	6	0	3	0	0	1	5	1	0	0	1	1	18
	21:45	0	0	11	0	1	0	0	1	5	0	0	0	0	0	18
	22:00	0	1	15	2	1	0	0	0	3	1	0	0	1	0	24
	22:15	0	0	8	0	1	1	0	0	2	0	0	0	0	0	12
	22:30	0	0	9	1	1	0	0	1	2	0	0	0	1	0	15
	22:45	0	0	7	1	0	0	0	1	2	1	0	0	1	0	13
	23:00	0	0	7	0	1	0	0	2	1	0	0	0	0	1	12
	23:15	0	2	4	1	1	0	0	4	2	0	0	0	1	0	15
	23:30	0	0	1	0	1	0	0	1	2	0	0	0	0	0	5
	23:45	0	0	1	0	0	0	0	1	1	0	0	0	1	0	4
Daily Total :		12	37	1091	43	242	2	1	90	205	8	0	1	51	43	1826
Percent :		1%	2%	60%	2%	13%	0%	0%	5%	11%	0%	0%	0%	3%	2%	
Average :		0	1	21	1	5	0	0	2	4	0	0	0	1	1	36

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
04/12/11	00:00	0	0	4	0	0	0	0	3	1	0	0	0	1	1	10
Tue	00:15	0	0	1	0	0	0	0	2	2	0	0	0	0	1	6
	00:30	0	0	2	1	1	0	0	3	4	0	0	0	0	1	12
	00:45	0	1	1	0	1	0	0	1	3	1	0	0	0	1	9
	01:00	0	0	2	0	1	0	0	1	0	0	0	0	0	0	4
	01:15	0	0	0	0	2	0	0	0	2	0	0	0	0	0	4
	01:30	0	0	1	0	0	0	0	0	1	0	0	0	2	0	4
	01:45	0	0	2	0	0	0	0	0	1	0	0	0	0	0	3
	02:00	0	0	1	0	0	0	0	0	6	0	0	0	0	3	10
	02:15	0	0	1	0	1	0	0	0	3	0	0	0	1	0	6
	02:30	0	0	2	0	0	0	0	1	2	0	0	0	1	2	8
	02:45	0	0	2	0	0	0	0	1	1	0	0	0	1	0	5
	03:00	1	0	4	0	0	0	0	0	0	0	0	0	0	2	7
	03:15	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
	03:30	0	2	0	0	3	0	0	0	0	0	0	0	0	3	8
	03:45	0	0	2	0	1	0	0	1	3	0	0	0	0	1	8
	04:00	0	0	1	0	0	0	0	1	4	0	0	0	0	0	6
	04:15	0	0	7	0	0	0	0	0	4	0	0	0	1	0	12
	04:30	0	0	5	0	1	0	0	1	2	0	0	0	0	0	9
	04:45	0	0	8	0	0	0	0	0	2	0	0	0	0	1	11
	05:00	0	0	8	0	1	0	0	0	3	0	0	0	0	0	12
	05:15	0	0	5	0	0	0	0	1	5	2	0	0	0	1	14
	05:30	0	1	9	0	3	0	0	0	2	0	0	0	0	0	15
	05:45	0	1	9	0	2	0	0	0	4	1	0	0	0	0	17
	06:00	0	1	6	0	3	0	0	1	3	0	0	0	1	2	17
	06:15	0	1	7	0	3	0	0	1	2	1	0	0	0	2	17
	06:30	0	0	15	1	4	0	0	1	3	1	0	0	1	0	26
	06:45	0	1	15	0	3	0	0	1	3	0	0	0	2	1	26
	07:00	0	0	12	0	9	0	0	1	4	0	0	0	4	1	31
	07:15	0	1	25	0	2	0	0	2	3	0	0	0	2	2	37
	07:30	1	0	25	0	9	0	0	0	5	0	1	0	0	4	45
	07:45	1	0	25	0	1	0	0	1	5	0	0	0	2	0	35
	08:00	0	0	27	1	5	0	0	3	6	1	0	0	2	4	49
	08:15	0	1	21	0	6	1	0	2	6	1	0	0	2	2	42
	08:30	0	1	31	1	9	0	0	1	7	1	0	0	0	2	53
	08:45	0	0	22	2	3	0	0	5	6	0	0	0	0	2	40
	09:00	0	1	12	0	1	0	0	2	6	0	0	0	0	1	23
	09:15	1	0	23	2	6	0	0	5	10	2	0	0	1	2	52
	09:30	0	0	22	0	7	0	0	1	9	0	0	0	2	1	42
	09:45	0	1	18	0	8	0	0	4	9	1	0	0	0	2	43
	10:00	0	2	22	1	4	0	0	4	6	0	0	0	1	0	40
	10:15	0	0	18	2	6	0	0	3	9	1	0	0	1	2	42
	10:30	0	0	29	1	9	0	0	1	8	1	0	0	0	1	50
	10:45	0	0	23	0	0	0	0	0	7	0	0	0	3	0	33
	11:00	1	0	21	2	7	0	0	3	12	1	0	0	0	3	50
	11:15	0	1	23	0	6	0	0	2	8	2	0	0	2	3	47
	11:30	0	1	28	1	4	0	0	1	13	1	0	0	1	2	52
	11:45	0	1	12	0	5	0	0	4	7	2	0	0	1	1	33
	12:00	0	0	30	0	3	0	0	1	8	0	0	0	0	3	45
	12:15	2	1	29	2	9	0	0	1	9	1	0	0	2	2	58

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
04/12/11	12:30	0	0	29	1	2	0	0	4	13	0	0	1	0	1	51
Tue	12:45	1	1	16	1	3	1	0	1	14	0	1	0	1	1	41
	13:00	0	0	18	0	4	0	0	4	12	0	0	0	1	4	43
	13:15	0	0	21	0	5	0	0	5	9	1	0	0	2	2	45
	13:30	0	0	21	1	3	0	0	4	12	2	0	0	1	2	46
	13:45	1	0	20	0	3	0	0	8	9	1	0	1	2	1	46
	14:00	0	1	25	2	7	0	0	3	13	0	0	0	1	2	54
	14:15	0	0	27	5	5	0	0	5	13	3	0	0	5	0	63
	14:30	0	0	25	1	4	0	0	4	14	0	0	0	0	1	49
	14:45	0	1	26	1	3	0	0	4	11	3	0	0	1	1	51
	15:00	0	0	25	0	7	0	0	3	8	0	0	0	0	0	43
	15:15	0	1	33	2	2	0	0	1	15	0	0	0	0	0	54
	15:30	1	0	28	2	10	0	0	0	13	1	0	0	5	0	60
	15:45	1	1	29	0	11	0	0	0	9	0	0	0	2	0	53
	16:00	0	0	23	0	5	0	0	3	10	1	0	0	1	1	44
	16:15	0	0	26	1	13	0	0	8	13	2	0	0	1	0	64
	16:30	0	0	30	0	7	0	0	2	15	0	0	0	1	1	56
	16:45	1	4	23	2	5	0	0	1	11	1	1	0	3	0	52
	17:00	0	0	27	1	9	0	0	2	13	2	0	0	0	0	54
	17:15	0	0	29	0	5	0	0	0	10	0	0	0	1	0	45
	17:30	0	2	43	0	2	0	0	2	12	1	0	0	2	2	66
	17:45	0	0	24	1	5	0	0	3	9	0	0	0	2	0	44
	18:00	1	0	21	1	4	0	0	3	13	0	0	0	1	1	45
	18:15	0	0	23	2	2	0	0	1	10	0	0	0	3	2	43
	18:30	0	0	19	1	7	0	0	4	6	0	0	0	1	3	41
	18:45	0	0	21	1	8	0	0	1	5	0	0	0	2	0	38
	19:00	0	0	14	0	2	1	0	2	13	1	0	0	0	1	34
	19:15	1	0	15	4	6	1	0	2	2	0	0	0	0	1	32
	19:30	0	0	11	1	4	0	0	4	8	2	0	0	0	0	30
	19:45	0	0	13	1	3	0	0	5	14	2	0	0	1	3	42
	20:00	0	1	12	1	6	0	0	2	8	1	0	0	1	1	33
	20:15	1	1	8	2	4	0	0	2	6	0	0	0	0	1	25
	20:30	1	0	10	2	4	0	0	1	1	1	0	1	1	1	23
	20:45	0	1	12	1	2	0	0	4	8	0	0	0	1	1	30
	21:00	0	1	19	0	3	0	0	0	6	0	0	0	0	1	30
	21:15	0	3	5	0	2	0	0	2	9	1	0	0	0	4	26
	21:30	0	0	15	0	5	0	0	1	2	0	0	0	1	2	26
	21:45	1	1	11	1	4	0	0	1	4	0	0	0	0	3	26
	22:00	0	0	11	0	3	0	0	1	7	0	0	0	1	1	24
	22:15	0	1	7	0	2	0	0	1	4	0	0	0	0	2	17
	22:30	0	0	10	0	4	0	0	0	3	0	0	0	1	2	20
	22:45	0	0	16	1	2	0	0	2	1	0	0	0	0	2	24
	23:00	1	0	6	0	0	0	0	0	4	0	0	0	3	2	16
	23:15	0	0	6	0	1	0	0	0	2	0	0	0	0	1	10
	23:30	0	0	2	1	0	0	0	0	6	0	0	0	0	1	10
	23:45	2	0	7	2	3	0	0	0	4	0	0	0	0	1	19
Daily Total :		20	39	1480	60	350	4	0	173	634	47	3	3	86	119	3018
Percent :		1%	1%	49%	2%	12%	0%	0%	6%	21%	2%	0%	0%	3%	4%	
Average :		0	0	15	1	4	0	0	2	7	0	0	0	1	1	31

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
04/13/11	00:00	0	1	2	1	2	0	0	1	1	1	0	0	0	1	10
Wed	00:15	1	2	5	2	1	0	0	1	2	0	0	0	0	1	15
	00:30	0	1	1	1	0	0	0	0	3	0	0	0	1	0	7
	00:45	0	0	2	0	0	0	0	0	1	0	0	0	2	1	6
	01:00	0	0	2	0	1	0	0	0	2	0	0	0	1	3	9
	01:15	0	1	1	1	1	0	0	0	3	0	0	0	0	1	8
	01:30	0	0	2	0	0	0	0	0	3	0	0	0	1	0	6
	01:45	0	0	0	0	0	1	0	1	1	0	0	0	0	1	4
	02:00	0	0	3	0	0	0	0	0	4	0	0	0	1	2	10
	02:15	0	0	3	0	0	0	0	0	1	0	0	0	0	1	5
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	02:45	0	0	0	0	0	0	0	0	1	1	0	0	2	3	7
	03:00	0	0	2	0	2	0	0	0	5	0	0	0	0	0	9
	03:15	0	0	5	0	1	0	0	0	5	1	0	0	0	1	13
	03:30	1	0	1	1	1	0	0	2	2	0	0	0	1	1	10
	03:45	0	0	2	0	0	0	0	0	3	0	0	0	0	1	6
	04:00	0	0	1	0	0	0	0	0	1	0	0	0	1	1	4
	04:15	0	0	5	0	0	0	0	0	4	0	0	0	0	4	13
	04:30	0	0	7	0	0	0	0	0	4	0	0	0	2	1	14
	04:45	0	1	3	0	0	0	0	0	1	0	0	0	0	1	6
	05:00	1	0	3	1	3	0	0	1	3	0	0	0	1	1	14
	05:15	0	0	8	0	0	0	0	0	5	2	0	0	3	1	19
	05:30	1	0	6	1	3	0	0	1	3	0	0	0	0	1	16
	05:45	0	0	9	0	2	0	0	1	2	0	0	0	0	0	14
	06:00	0	1	11	0	2	0	0	0	5	1	0	0	2	2	24
	06:15	1	0	11	0	3	0	0	1	5	0	0	0	1	1	23
	06:30	0	1	13	0	5	0	0	0	2	2	0	0	1	2	26
	06:45	0	1	13	0	8	0	0	2	2	0	0	0	1	2	29
	07:00	0	3	20	1	4	1	0	4	9	1	0	0	1	2	46
	07:15	2	2	28	2	1	1	0	1	13	1	0	0	1	7	59
	07:30	1	1	20	0	3	1	0	1	6	0	0	1	1	2	37
	07:45	1	3	18	2	7	0	0	2	7	0	0	0	4	1	45
	08:00	0	2	19	3	4	0	0	4	7	1	0	0	1	3	44
	08:15	1	1	24	1	1	0	0	3	4	0	0	0	0	2	37
	08:30	0	0	28	1	5	0	0	0	10	0	0	0	0	2	46
	08:45	2	3	20	1	4	0	0	1	9	0	1	0	1	5	47
	09:00	0	0	24	2	2	0	0	4	10	1	0	0	2	4	49
	09:15	0	1	16	2	4	0	0	2	15	1	0	0	0	5	46
	09:30	0	1	24	2	4	0	0	1	8	0	0	0	4	2	46
	09:45	0	0	29	0	6	0	0	2	10	0	0	0	2	2	51
	10:00	1	0	21	0	3	1	0	2	4	0	0	0	1	0	33
	10:15	0	0	29	2	6	0	0	4	10	0	0	0	0	1	52
	10:30	0	1	18	2	5	1	0	2	8	0	0	0	1	2	40
	10:45	1	1	25	2	7	1	0	1	8	1	0	0	0	2	49
	11:00	0	0	22	1	4	0	0	3	18	0	0	0	0	0	48
	11:15	0	1	34	0	3	0	1	4	12	1	0	0	0	0	56
	11:30	0	3	23	1	8	0	0	4	12	1	0	0	0	1	53
	11:45	0	1	19	2	3	0	0	3	12	0	0	0	1	0	41
	12:00	1	2	24	3	4	1	0	1	10	0	0	0	1	0	47
	12:15	0	1	26	0	3	0	0	2	14	1	0	0	1	0	48

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
04/13/11	12:30	1	0	28	2	7	0	0	3	10	0	0	0	1	3	55
Wed	12:45	0	0	27	2	8	0	0	2	13	1	0	0	3	1	57
	13:00	0	2	24	1	9	0	0	5	15	0	0	0	0	2	58
	13:15	0	1	15	0	4	0	0	2	13	0	0	0	0	2	37
	13:30	0	0	24	3	3	0	0	1	14	1	0	0	0	2	48
	13:45	0	0	22	4	3	0	0	2	13	0	0	0	0	1	45
	14:00	0	1	20	1	2	0	0	3	18	1	0	0	1	1	48
	14:15	0	0	30	2	1	0	0	0	13	0	0	0	5	2	53
	14:30	2	0	28	3	9	0	0	2	11	0	0	0	2	3	60
	14:45	1	0	20	1	5	0	0	4	17	0	0	0	1	0	49
	15:00	1	0	34	2	6	0	0	2	12	0	0	0	0	2	59
	15:15	1	0	25	5	1	0	0	1	10	1	0	0	2	2	48
	15:30	0	1	31	3	7	0	0	4	15	0	0	0	1	1	63
	15:45	0	1	17	1	5	0	0	4	13	0	0	0	1	2	44
	16:00	0	0	19	2	6	0	0	2	9	0	0	0	1	2	41
	16:15	1	0	21	0	8	1	1	1	14	1	0	0	0	1	49
	16:30	0	1	21	1	7	0	0	3	10	0	0	0	1	2	46
	16:45	0	0	24	2	4	0	0	1	11	0	0	0	0	1	43
	17:00	0	1	22	1	7	0	0	4	9	2	0	0	0	1	47
	17:15	1	0	16	1	8	0	0	6	14	0	0	0	2	2	50
	17:30	0	1	23	1	9	0	0	0	11	1	0	0	3	2	51
	17:45	0	0	20	3	8	0	0	3	6	1	0	0	1	3	45
	18:00	0	0	19	0	4	0	0	6	5	0	0	0	1	2	37
	18:15	1	0	24	2	6	0	0	2	10	0	0	0	1	1	47
	18:30	0	2	15	1	3	0	0	1	5	0	0	0	1	5	33
	18:45	0	0	15	2	2	0	0	3	8	1	0	0	0	3	34
	19:00	1	0	19	3	3	0	0	1	13	1	0	0	0	4	45
	19:15	1	0	9	0	7	0	0	1	3	2	0	0	2	5	30
	19:30	0	0	17	2	3	0	0	1	6	2	0	0	1	0	32
	19:45	0	1	13	0	3	0	0	1	6	0	0	0	1	3	28
	20:00	0	0	13	2	0	0	0	3	7	0	0	0	1	1	27
	20:15	0	2	11	0	3	0	0	3	6	0	0	0	1	1	27
	20:30	0	0	11	1	2	0	0	0	5	0	0	0	0	1	20
	20:45	1	1	23	1	3	0	0	2	5	1	0	0	1	2	40
	21:00	0	0	14	0	0	0	0	2	4	0	0	0	0	1	21
	21:15	0	1	7	2	1	0	0	0	3	1	0	0	1	4	20
	21:30	1	0	12	1	2	0	0	0	10	1	0	0	0	5	32
	21:45	0	0	10	0	3	0	0	3	5	0	0	0	1	2	24
	22:00	0	0	9	0	1	0	0	1	4	0	0	0	2	1	18
	22:15	0	0	11	1	1	0	0	1	2	0	0	0	0	0	16
	22:30	0	0	10	1	4	1	0	1	4	0	0	0	0	0	21
	22:45	1	0	9	1	3	1	0	1	1	1	0	0	0	1	19
	23:00	0	0	6	0	3	0	0	0	4	1	0	0	0	1	15
	23:15	0	0	5	0	0	0	0	0	2	0	0	0	1	2	10
	23:30	0	1	2	1	0	1	0	0	3	0	0	0	2	1	11
	23:45	0	0	4	0	0	0	0	1	3	0	0	0	0	1	9
Daily Total :		29	53	1431	100	310	12	2	151	685	37	1	1	85	163	3060
Percent :		1%	2%	47%	3%	10%	0%	0%	5%	22%	1%	0%	0%	3%	5%	
Average :		0	1	15	1	3	0	0	2	7	0	0	0	1	2	32

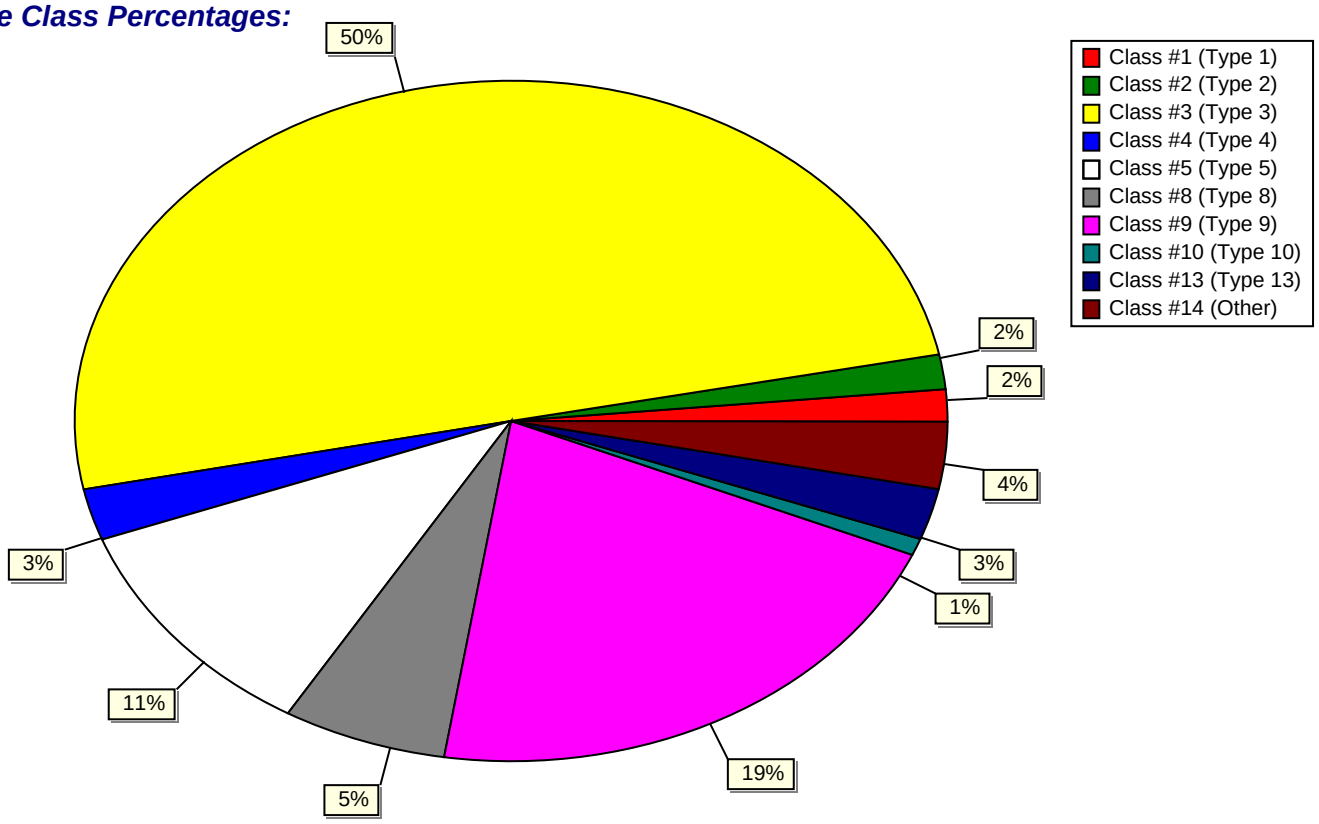
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
04/14/11	00:00	0	0	4	1	2	0	0	0	4	0	0	0	0	1	12
Thu	00:15	1	0	6	0	0	1	0	0	1	0	0	0	2	0	11
	00:30	0	0	2	0	3	0	0	1	2	0	0	0	1	0	9
	00:45	0	0	4	0	0	0	0	1	1	0	0	0	0	1	7
	01:00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	01:15	0	1	0	0	1	0	0	0	3	0	0	0	0	2	7
	01:30	0	0	3	0	0	0	0	1	0	0	0	0	0	1	5
	01:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	2	0	1	0	0	0	2	0	0	0	0	0	5
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
	02:30	0	0	0	0	1	0	0	2	3	0	0	0	0	0	6
	02:45	0	1	1	0	0	0	0	0	4	1	0	0	0	2	9
	03:00	1	0	2	0	0	0	0	0	0	0	0	0	0	1	4
	03:15	0	1	6	1	0	0	0	0	4	0	0	0	0	1	13
	03:30	0	0	4	1	0	0	0	0	3	0	0	0	0	0	8
	03:45	0	0	1	0	1	0	0	1	3	1	0	0	0	2	9
	04:00	0	0	3	0	2	0	0	0	5	1	0	0	1	1	13
	04:15	0	0	4	0	0	0	0	1	1	0	0	0	0	0	6
	04:30	0	1	4	0	1	0	0	0	0	1	0	0	1	0	8
	04:45	0	0	7	0	1	0	0	2	1	0	0	0	0	0	11
	05:00	1	2	7	1	0	0	0	0	2	0	0	0	0	4	17
	05:15	0	0	5	1	1	0	0	1	2	0	0	0	1	0	11
	05:30	0	1	8	0	0	0	0	1	2	0	0	0	1	1	14
	05:45	0	1	6	0	1	0	0	0	1	2	0	0	1	1	13
	06:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
	06:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	06:30	5	3	3	0	0	0	0	0	1	0	0	0	0	0	12
	06:45	5	3	1	0	0	0	0	1	2	0	0	0	1	0	13
	07:00	20	1	7	1	0	1	0	1	3	0	1	0	0	3	38
	07:15	12	1	9	0	1	0	0	4	3	0	0	0	2	1	33
	07:30	11	5	8	0	2	0	0	3	3	0	0	1	1	2	36
	07:45	9	8	12	0	3	0	0	0	4	0	0	0	0	2	38
Daily Total :		66	32	119	6	21	2	0	20	64	6	1	1	14	27	379
	Percent :	17%	8%	31%	2%	6%	1%	0%	5%	17%	2%	0%	0%	4%	7%	
	Average :	2	1	4	0	1	0	0	1	2	0	0	0	0	1	12

Basic Axle Class Summary: 2D0000156

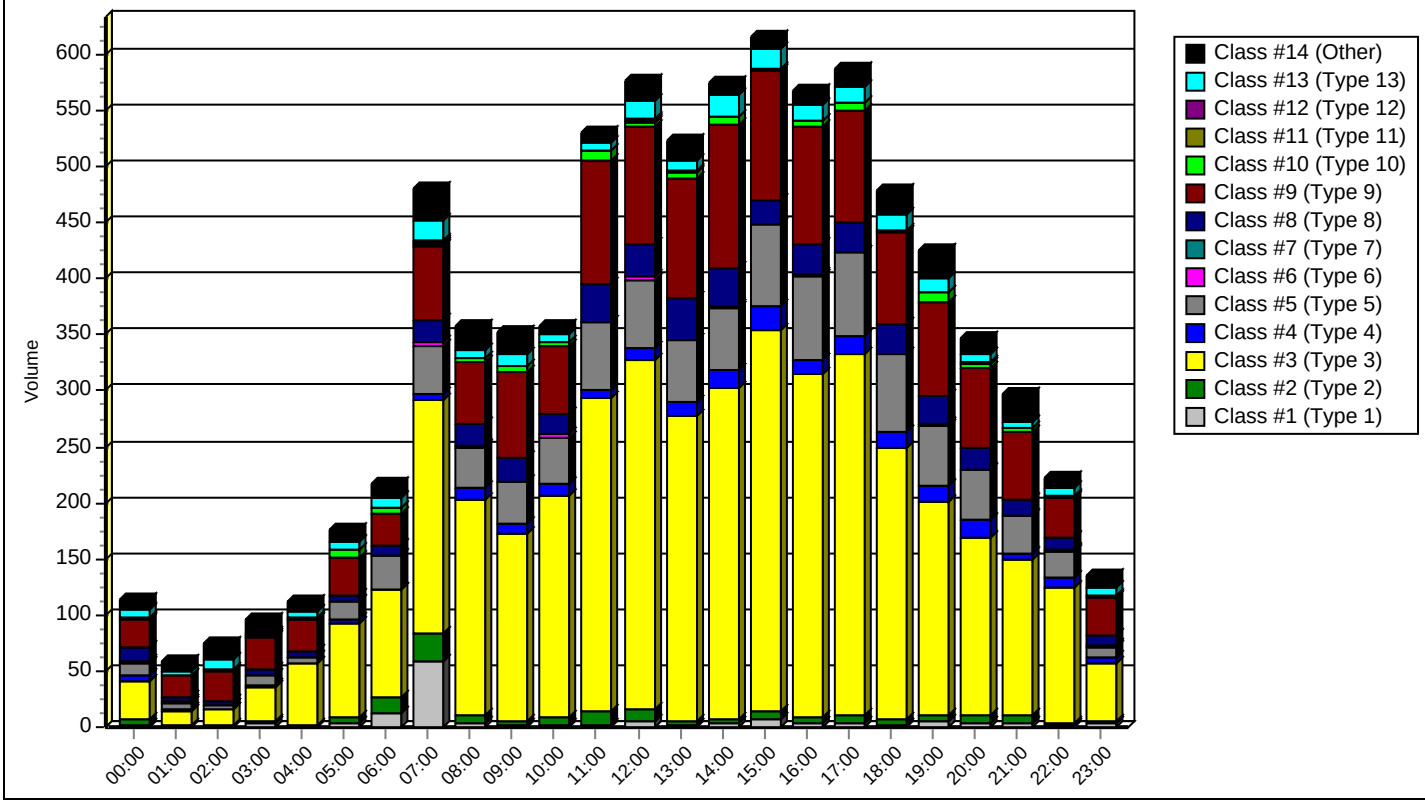
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	127	161	4121	209	923	20	3	434	1588	98	5	6	236	352	8283
		127	161	4121	209	923	20	3	434	1588	98	5	6	236	352	8283
Percents :	#1.	2%	2%	50%	3%	11%	0%	0%	5%	19%	1%	0%	0%	3%	4%	100%
		2%	2%	50%	3%	11%	0%	0%	5%	19%	1%	0%	0%	3%	4%	
Average :	#1.	0	1	15	1	3	0	0	2	6	0	0	0	1	1	30
		0	1	15	1	3	0	0	2	6	0	0	0	1	1	30
Days & ADT :	#1.	2.8	2870													
		2.8	2870													

2D0000156 Axle Class Charts For Data From: 10:45 - 04/11/2011 To: 08:14 - 04/14/2011

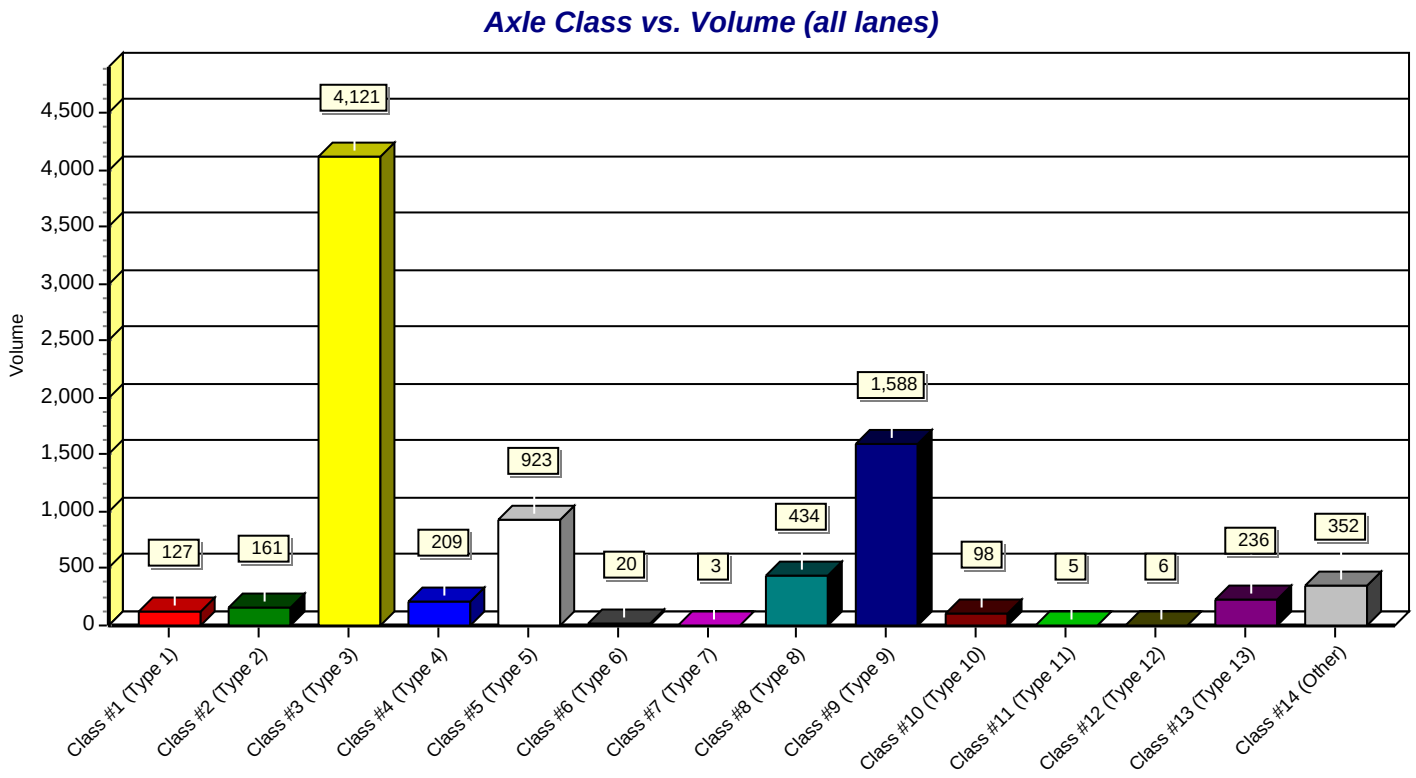
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0000156 Axle Class Charts For Data From: 10:45 - 04/11/2011 To: 08:14 - 04/14/2011



Basic Speed Classification Report: 2D0000156

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 10:45 - 04/11/2011 To: 08:14 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	10:45	0	0	0	0	0	0	0	0	0	0	0	2	4	2	11	0	19
Mon	11:00	0	0	0	0	0	0	0	0	0	1	0	4	2	4	5	0	16
	11:15	0	0	0	0	0	0	0	0	0	0	0	3	4	6	29	0	42
	11:30	0	0	0	0	0	0	0	0	0	0	2	4	5	7	34	0	52
	11:45	0	0	0	0	0	0	0	0	0	0	1	0	4	4	32	0	41
	12:00	0	0	0	0	0	0	0	0	0	0	2	1	5	3	31	0	42
	12:15	0	0	0	0	0	0	0	0	0	2	1	3	5	10	19	0	40
	12:30	0	0	0	0	0	0	0	0	0	0	1	1	3	7	26	0	38
	12:45	0	0	0	0	0	0	0	0	0	0	0	2	9	9	35	0	55
	13:00	0	0	0	0	0	0	0	0	0	0	2	2	5	7	17	0	33
	13:15	0	0	0	0	0	0	0	0	0	0	1	5	5	6	21	0	38
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	2	4	35	0	41
	13:45	0	0	0	0	0	0	0	0	0	0	0	0	3	10	30	0	43
	14:00	0	0	0	0	0	0	0	0	0	1	3	2	5	1	25	0	37
	14:15	0	0	0	0	0	0	0	0	0	0	0	2	5	3	29	0	39
	14:30	0	0	0	0	0	0	0	0	0	0	0	0	3	8	24	0	35
	14:45	0	0	0	0	0	0	0	1	0	0	0	3	4	6	23	0	37
	15:00	0	0	0	0	0	0	0	0	0	0	0	1	3	11	27	0	42
	15:15	0	0	0	0	0	0	0	0	0	0	0	2	8	8	42	0	60
	15:30	0	0	0	0	0	0	0	0	0	0	0	1	7	5	31	0	44
	15:45	0	0	0	0	0	0	0	0	0	0	1	1	5	9	30	0	46
	16:00	0	0	0	0	0	0	0	0	0	0	0	2	6	5	31	0	44
	16:15	0	0	0	0	0	0	0	0	0	0	0	1	4	6	32	0	43
	16:30	0	0	0	0	0	0	0	0	0	0	0	1	5	3	35	0	44
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	4	7	31	0	42
	17:00	0	0	0	0	0	0	0	0	0	0	0	3	5	5	34	0	47
	17:15	0	0	0	0	0	0	0	0	0	0	0	4	3	7	35	0	49
	17:30	0	0	0	0	0	0	0	0	0	0	0	1	3	4	33	0	41
	17:45	0	0	0	0	0	0	0	0	0	0	0	1	2	5	40	0	48
	18:00	0	0	0	0	0	0	0	0	0	0	1	0	2	5	26	0	34
	18:15	0	0	0	0	0	0	0	0	0	0	0	2	3	4	34	0	43
	18:30	0	0	0	0	0	0	0	0	0	0	0	0	2	6	29	0	37
	18:45	0	0	0	0	0	0	0	0	0	0	1	1	7	8	30	0	47
	19:00	0	0	0	0	0	0	0	0	1	1	3	1	4	6	19	0	35
	19:15	0	0	0	0	0	0	0	0	0	0	0	1	8	11	24	0	44
	19:30	0	0	0	0	0	0	0	0	0	0	0	0	5	4	34	0	43
	19:45	0	0	0	0	0	0	0	0	0	0	0	2	3	2	23	0	30
	20:00	0	0	0	0	0	0	0	0	0	0	0	1	2	6	26	0	35
	20:15	0	0	0	0	0	0	0	0	0	0	0	4	5	7	17	0	33
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	6	8	20	0	34

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	20:45	0	0	0	0	0	0	0	0	0	0	0	2	5	7	7	0	21
Mon	21:00	0	0	0	0	0	0	0	0	0	0	3	4	4	5	15	0	31
	21:15	0	0	0	0	0	0	0	0	0	0	0	2	3	9	11	0	25
	21:30	0	0	0	0	0	0	0	0	0	0	1	0	4	5	8	0	18
	21:45	0	0	0	0	0	0	0	0	0	0	1	3	3	4	7	0	18
	22:00	0	0	0	0	0	0	0	0	0	0	0	3	2	3	16	0	24
	22:15	0	0	0	0	0	0	0	0	0	0	0	2	1	0	9	0	12
	22:30	0	0	0	0	0	0	0	0	0	0	0	1	2	2	10	0	15
	22:45	0	0	0	0	0	0	0	0	0	1	0	1	2	1	8	0	13
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	0	12
	23:15	0	0	0	0	0	0	0	0	0	0	3	1	0	5	6	0	15
	23:30	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	0	5
	23:45	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	4
Daily Total :		0	0	0	0	0	0	0	1	1	6	30	84	202	282	1220	0	1826
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	5%	11%	15%	67%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	1	2	4	5	23	0	30

Speeds - Average: 104.5 50% : 104.1 67% : 117.8 85% : 133.1 10mph Pace: 75.1 - 85.0 (26.5%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	1	2	2	2	3	0	10
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	1	0	4	1	0	6
	00:30	0	0	0	0	0	0	0	0	0	0	1	0	1	5	5	0	12
	00:45	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2	0	9
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	4
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	4
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	4
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	3
	02:00	0	0	0	0	0	0	0	0	0	1	0	2	2	4	1	0	10
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	0	6
	02:30	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	0	8
	02:45	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0	5
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	0	7
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	0	8
	03:45	0	0	0	0	0	0	0	1	0	0	0	1	4	2	0	0	8
	04:00	0	0	0	0	0	0	0	0	0	0	0	3	0	1	2	0	6
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	0	12
	04:30	0	0	0	0	0	0	0	0	0	1	0	1	1	2	4	0	9
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	2	1	8	0	11
	05:00	0	0	0	0	0	0	0	0	0	0	1	2	1	0	8	0	12
	05:15	0	0	0	0	0	0	0	0	0	0	1	1	4	3	5	0	14
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	3	1	11	0	15
	05:45	0	0	0	0	0	0	0	0	0	0	0	1	1	3	12	0	17
	06:00	0	0	0	0	0	0	0	0	0	0	1	1	4	4	7	0	17
	06:15	0	0	0	0	0	0	0	0	0	0	2	0	5	5	5	0	17
	06:30	0	0	0	0	0	0	0	0	0	0	0	2	3	4	17	0	26
	06:45	0	0	0	0	0	0	0	0	0	0	0	1	3	6	16	0	26
	07:00	0	0	0	0	0	0	0	0	0	0	0	2	6	4	19	0	31
	07:15	0	0	0	0	0	0	0	0	0	1	0	1	5	5	25	0	37
	07:30	0	0	0	0	0	0	0	0	0	0	0	1	6	8	30	0	45
	07:45	0	0	0	0	0	0	0	0	0	1	0	3	6	4	21	0	35
	08:00	0	0	0	0	0	0	0	0	0	0	2	3	3	8	33	0	49
	08:15	0	0	0	0	0	0	0	0	0	0	0	2	4	9	27	0	42
	08:30	0	0	0	0	0	0	0	0	0	0	0	0	6	11	36	0	53
	08:45	0	0	0	0	0	0	0	0	0	0	0	3	5	8	24	0	40
	09:00	0	0	0	0	0	0	0	0	0	0	0	1	5	5	12	0	23
	09:15	0	0	0	0	0	0	0	0	0	0	1	3	6	15	27	0	52
	09:30	0	0	0	0	0	0	0	0	0	0	0	1	2	11	28	0	42
	09:45	0	0	0	0	0	0	0	0	0	0	1	1	4	8	29	0	43
	10:00	1	0	0	0	0	0	0	0	0	0	0	1	4	5	29	0	40
	10:15	0	0	0	0	0	0	0	0	0	0	1	5	9	7	20	0	42
	10:30	0	0	0	0	0	0	0	0	0	0	1	2	7	11	29	0	50
	10:45	0	0	0	0	0	0	0	0	0	0	2	2	2	7	20	0	33
	11:00	0	0	0	0	0	0	0	0	0	0	1	1	13	11	24	0	50
	11:15	0	0	0	0	0	0	0	0	0	0	1	4	6	12	24	0	47
	11:30	0	0	0	0	0	0	0	0	0	0	0	3	4	14	31	0	52
	11:45	0	0	0	0	0	0	0	0	0	0	0	1	3	9	20	0	33
	12:00	0	0	0	0	0	0	0	0	0	0	0	0	2	13	30	0	45
	12:15	0	0	0	0	0	0	0	0	0	0	1	1	7	9	40	0	58

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	1	0	0	0	0	0	0	0	1	1	2	4	8	12	22	0	51
Tue	12:45	0	0	0	0	0	0	0	0	1	1	1	5	6	12	15	0	41
	13:00	0	0	0	0	0	0	0	0	1	0	2	4	16	7	13	0	43
	13:15	0	0	0	0	0	0	0	0	0	0	0	2	7	13	23	0	45
	13:30	0	0	0	0	0	0	0	0	0	0	1	2	8	14	21	0	46
	13:45	1	0	0	0	0	0	0	0	0	0	0	4	10	9	22	0	46
	14:00	0	0	0	0	0	0	0	0	0	0	3	4	7	15	25	0	54
	14:15	0	0	0	0	0	0	0	0	0	1	1	5	20	19	17	0	63
	14:30	0	0	0	0	0	0	0	0	0	0	2	3	11	11	22	0	49
	14:45	0	0	0	0	0	0	0	0	0	3	2	5	11	12	18	0	51
	15:00	0	0	0	0	0	0	0	0	0	1	2	5	4	5	26	0	43
	15:15	0	0	0	0	0	0	0	0	0	0	1	3	6	15	29	0	54
	15:30	0	0	0	0	0	0	0	0	0	0	2	4	7	17	30	0	60
	15:45	1	0	0	0	0	0	0	0	0	1	0	5	6	10	30	0	53
	16:00	0	0	0	0	0	0	0	0	0	0	0	4	11	6	23	0	44
	16:15	0	0	0	0	0	0	0	0	0	0	1	6	8	17	32	0	64
	16:30	0	0	0	0	0	0	0	0	0	0	0	2	9	10	35	0	56
	16:45	0	0	0	0	0	0	0	0	0	0	1	1	9	12	29	0	52
	17:00	0	0	0	0	0	0	0	0	0	1	0	5	8	11	29	0	54
	17:15	0	0	0	0	0	0	0	0	0	0	2	2	2	13	26	0	45
	17:30	0	0	0	0	0	0	0	0	0	0	1	5	10	11	39	0	66
	17:45	0	0	0	0	0	0	0	0	1	0	0	2	8	9	24	0	44
	18:00	0	0	0	0	0	0	0	0	0	0	0	3	10	14	18	0	45
	18:15	0	0	0	0	0	0	0	0	1	0	1	0	3	10	28	0	43
	18:30	0	0	0	0	0	0	0	0	0	0	0	3	4	5	29	0	41
	18:45	0	0	0	0	0	0	0	0	0	0	0	2	5	7	24	0	38
	19:00	0	0	0	0	0	0	0	0	0	0	1	3	6	10	14	0	34
	19:15	0	0	0	0	0	0	0	0	0	0	1	2	5	7	17	0	32
	19:30	0	0	0	0	0	0	0	0	0	0	0	1	3	6	20	0	30
	19:45	0	0	0	0	0	0	0	0	0	0	0	3	5	14	20	0	42
	20:00	0	0	0	0	0	0	0	0	0	0	1	2	3	8	19	0	33
	20:15	0	0	0	0	0	0	0	0	0	0	0	1	3	9	12	0	25
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	3	8	12	0	23
	20:45	0	0	0	0	0	0	0	0	0	0	2	2	6	6	14	0	30
	21:00	0	0	0	0	0	0	0	1	0	0	0	1	4	8	16	0	30
	21:15	0	0	0	0	0	0	0	0	0	0	1	2	4	11	8	0	26
	21:30	0	0	0	0	0	0	0	0	0	1	0	1	4	6	14	0	26
	21:45	0	0	0	0	0	0	0	0	0	0	1	0	1	7	17	0	26
	22:00	0	0	0	0	0	0	0	0	0	0	1	3	6	3	11	0	24
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	1	2	14	0	17
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	6	14	0	20
	22:45	0	0	0	0	0	0	0	0	0	0	0	1	5	3	15	0	24
	23:00	0	0	0	0	0	0	0	0	0	0	0	1	7	2	6	0	16
	23:15	0	0	0	0	0	0	0	0	0	0	0	1	4	1	4	0	10
	23:30	0	0	0	0	0	0	0	0	0	0	1	1	3	2	3	0	10
	23:45	0	0	0	0	0	0	0	0	0	0	1	0	0	3	15	0	19

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	0	0	0	0	0	0	2	5	14	55	176	450	678	1634	0	3018
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	6%	15%	22%	54%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	1	2	5	7	17	0	35

Speeds - Average: 99.6 50% : 92.8 67% : 112.0 85% : 128.9 10mph Pace: 75.1 - 85.0 (37.4%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	1	1	2	6	0	10
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	1	1	2	11	0	15
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	2	4	1	0	7
	00:45	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	0	6
	01:00	0	0	0	0	0	0	0	0	0	1	1	1	0	2	4	0	9
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	8
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	0	6
	01:45	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	4
	02:00	0	0	0	0	0	0	0	0	0	0	1	0	1	6	2	0	10
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	0	5
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	0	7
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	0	9
	03:15	0	0	0	0	0	0	0	0	0	0	0	2	4	3	4	0	13
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	3	4	3	0	10
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	0	6
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	4
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	3	4	5	0	13
	04:30	0	0	0	0	0	0	0	0	0	0	1	1	3	2	7	0	14
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	3	1	1	0	6
	05:00	0	0	0	0	0	0	0	0	0	1	0	1	2	4	6	0	14
	05:15	0	0	0	0	0	0	0	0	1	0	1	0	4	5	8	0	19
	05:30	0	0	0	0	0	0	0	0	0	0	0	2	4	2	8	0	16
	05:45	0	0	1	0	0	0	0	0	0	0	0	1	0	4	8	0	14
	06:00	0	0	0	0	0	0	0	0	0	0	0	1	3	10	10	0	24
	06:15	1	0	0	0	0	0	0	0	0	0	0	2	2	4	14	0	23
	06:30	0	0	0	0	0	0	0	0	0	0	1	2	3	5	15	0	26
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	4	6	19	0	29
	07:00	0	0	0	0	0	0	0	0	0	1	2	1	7	9	26	0	46
	07:15	0	0	0	0	0	0	0	0	0	2	1	3	5	20	28	0	59
	07:30	0	1	0	0	0	0	0	0	0	0	0	2	2	10	22	0	37
	07:45	0	0	0	0	0	0	0	0	0	0	2	6	1	8	28	0	45
	08:00	0	0	0	0	0	0	0	0	0	0	1	0	9	9	25	0	44
	08:15	0	0	0	0	0	0	0	0	0	0	0	4	3	4	26	0	37
	08:30	0	0	0	0	0	0	0	0	0	1	2	4	3	10	26	0	46
	08:45	0	0	0	0	0	0	0	0	0	1	1	5	9	8	23	0	47
	09:00	0	0	0	0	0	0	0	0	0	0	3	1	10	11	24	0	49
	09:15	1	0	0	0	0	0	0	0	0	0	1	1	8	11	24	0	46
	09:30	0	0	0	0	0	0	0	0	1	0	0	2	6	10	27	0	46
	09:45	0	0	0	0	0	0	0	0	0	0	0	1	6	13	31	0	51
	10:00	2	0	0	0	0	0	0	0	0	0	1	3	4	8	15	0	33
	10:15	0	0	0	0	0	0	0	0	0	0	0	5	9	16	22	0	52
	10:30	1	0	0	0	0	0	0	0	1	0	0	4	9	11	14	0	40
	10:45	0	0	0	0	0	0	0	0	0	0	1	5	5	13	25	0	49
	11:00	0	0	0	0	0	0	0	0	0	0	0	2	9	12	25	0	48
	11:15	1	0	0	0	0	0	0	0	0	0	0	0	7	14	34	0	56
	11:30	0	0	0	0	0	0	0	0	0	0	0	5	8	8	32	0	53
	11:45	0	0	0	0	0	0	0	0	0	2	2	1	4	7	25	0	41
	12:00	0	0	0	0	0	0	0	0	0	0	1	2	8	13	23	0	47
	12:15	0	0	0	0	0	0	0	0	0	0	0	5	9	7	27	0	48

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	0	0	2	8	10	35	0	55
Wed	12:45	0	0	0	0	0	0	0	0	0	0	1	3	7	18	28	0	57
	13:00	0	0	0	0	0	0	0	0	0	1	1	0	6	14	36	0	58
	13:15	0	0	0	0	0	0	0	0	0	1	1	3	8	9	15	0	37
	13:30	0	0	0	0	0	0	0	0	0	1	1	0	8	13	25	0	48
	13:45	0	0	0	0	0	0	0	0	0	1	1	0	4	15	24	0	45
	14:00	0	0	0	0	0	0	0	0	0	0	2	10	7	11	18	0	48
	14:15	0	0	0	0	0	0	0	0	1	0	2	3	10	13	24	0	53
	14:30	0	0	0	0	0	0	0	0	0	0	2	3	10	11	34	0	60
	14:45	0	0	0	0	0	0	0	0	1	1	0	1	7	13	26	0	49
	15:00	0	0	0	0	0	0	0	0	0	0	1	6	8	10	34	0	59
	15:15	0	0	0	0	0	0	0	0	0	0	2	4	5	14	23	0	48
	15:30	0	0	0	0	0	0	0	0	0	0	1	1	10	18	33	0	63
	15:45	0	0	0	0	0	0	0	0	0	0	0	4	8	13	19	0	44
	16:00	0	0	0	0	0	0	0	0	0	0	2	6	5	12	16	0	41
	16:15	0	0	0	0	0	0	0	0	0	0	0	1	6	12	30	0	49
	16:30	0	0	0	0	0	0	1	0	0	2	1	5	3	9	25	0	46
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	4	16	23	0	43
	17:00	0	0	0	0	0	0	0	0	0	1	1	1	8	11	25	0	47
	17:15	1	0	0	0	0	0	0	0	0	2	1	3	4	16	23	0	50
	17:30	0	0	0	0	0	0	0	0	0	0	2	2	5	13	29	0	51
	17:45	0	0	0	0	0	0	0	0	0	0	1	5	5	9	25	0	45
	18:00	0	1	0	0	0	0	0	0	0	0	0	1	6	4	25	0	37
	18:15	0	0	0	0	0	0	0	0	0	1	0	2	5	11	28	0	47
	18:30	0	0	0	0	0	0	0	0	0	0	0	3	6	6	18	0	33
	18:45	0	0	0	0	0	0	0	0	0	0	0	2	2	10	20	0	34
	19:00	0	0	0	0	0	0	0	0	0	0	1	3	4	14	23	0	45
	19:15	0	0	0	0	0	0	0	0	0	0	1	3	3	8	15	0	30
	19:30	0	0	0	0	0	0	0	0	1	0	0	3	3	9	16	0	32
	19:45	0	0	0	0	0	0	0	0	0	0	1	1	5	7	14	0	28
	20:00	0	0	0	0	0	0	0	0	1	0	0	2	2	9	13	0	27
	20:15	0	0	0	0	0	0	0	0	1	0	2	2	5	5	12	0	27
	20:30	0	0	0	0	0	0	0	0	0	0	3	1	2	6	8	0	20
	20:45	0	0	0	0	0	0	0	0	0	1	1	8	6	10	14	0	40
	21:00	0	0	0	0	0	0	0	0	0	1	0	3	4	7	6	0	21
	21:15	0	0	0	0	0	0	0	0	0	0	0	2	6	7	5	0	20
	21:30	0	0	0	0	0	0	0	0	0	0	0	3	10	6	13	0	32
	21:45	0	0	0	0	0	0	0	0	0	0	1	1	7	5	10	0	24
	22:00	0	0	0	0	0	0	0	0	0	0	2	2	2	7	5	0	18
	22:15	0	0	0	0	0	0	0	0	0	0	2	1	2	2	9	0	16
	22:30	0	0	0	0	0	0	0	0	0	0	4	1	3	3	10	0	21
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	3	4	12	0	19
	23:00	0	0	0	0	0	0	0	0	0	0	0	1	1	5	8	0	15
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	0	10
	23:30	0	0	0	0	0	0	0	0	0	0	2	0	1	5	3	0	11
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	1	7	0	9

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		7	2	1	0	0	0	1	0	8	22	68	190	426	758	1577	0	3060
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	6%	14%	25%	52%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	1	2	4	8	16	0	32

Speeds - Average: 98.4 50% : 88.0 67% : 110.7 85% : 127.9 10mph Pace: 75.1 - 85.0 (38.7%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	2	3	0	5	2	0	12
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	1	1	2	7	0	11
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	0	9
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	7
	01:00	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	3
	01:15	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	0	7
	01:30	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	5
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	0	5
	02:15	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	3
	02:30	0	0	0	0	0	0	0	0	0	0	0	1	0	3	2	0	6
	02:45	1	0	0	0	0	0	0	0	0	0	1	1	0	4	2	0	9
	03:00	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	4
	03:15	0	0	0	0	0	0	0	0	0	0	0	2	5	3	3	0	13
	03:30	0	0	0	0	0	0	0	0	1	0	0	1	0	3	3	0	8
	03:45	0	0	0	0	0	0	0	0	0	1	0	0	1	4	3	0	9
	04:00	0	0	0	0	0	0	0	0	0	0	2	1	4	4	2	0	13
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	6
	04:30	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	0	8
	04:45	0	0	0	0	0	0	0	0	0	0	0	2	1	3	5	0	11
	05:00	0	0	0	0	0	0	0	0	0	0	1	0	1	6	9	0	17
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	3	2	6	0	11
	05:30	1	0	0	0	0	0	0	0	0	2	0	1	3	2	5	0	14
	05:45	0	0	0	0	0	0	0	0	1	1	4	1	0	4	2	0	13
	06:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	06:15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	06:30	7	0	1	1	0	0	0	0	0	0	0	0	0	1	2	0	12
	06:45	3	2	2	3	0	0	0	0	1	0	1	0	1	0	0	0	13
	07:00	7	1	7	10	1	0	1	0	0	0	1	0	2	1	7	0	38
	07:15	9	2	2	6	0	1	1	0	0	0	0	3	2	0	7	0	33
	07:30	2	2	4	8	0	0	0	0	1	2	1	6	5	3	2	0	36
	07:45	1	0	2	6	4	0	0	1	0	1	2	0	5	4	12	0	38
Daily Total :		35	7	18	34	5	1	2	1	4	7	17	31	44	72	101	0	379
	Percent :	9%	2%	5%	9%	1%	0%	1%	0%	1%	2%	4%	8%	12%	19%	27%	0%	
	Average :	1	0	1	1	0	0	0	0	0	0	1	1	1	2	3	0	31

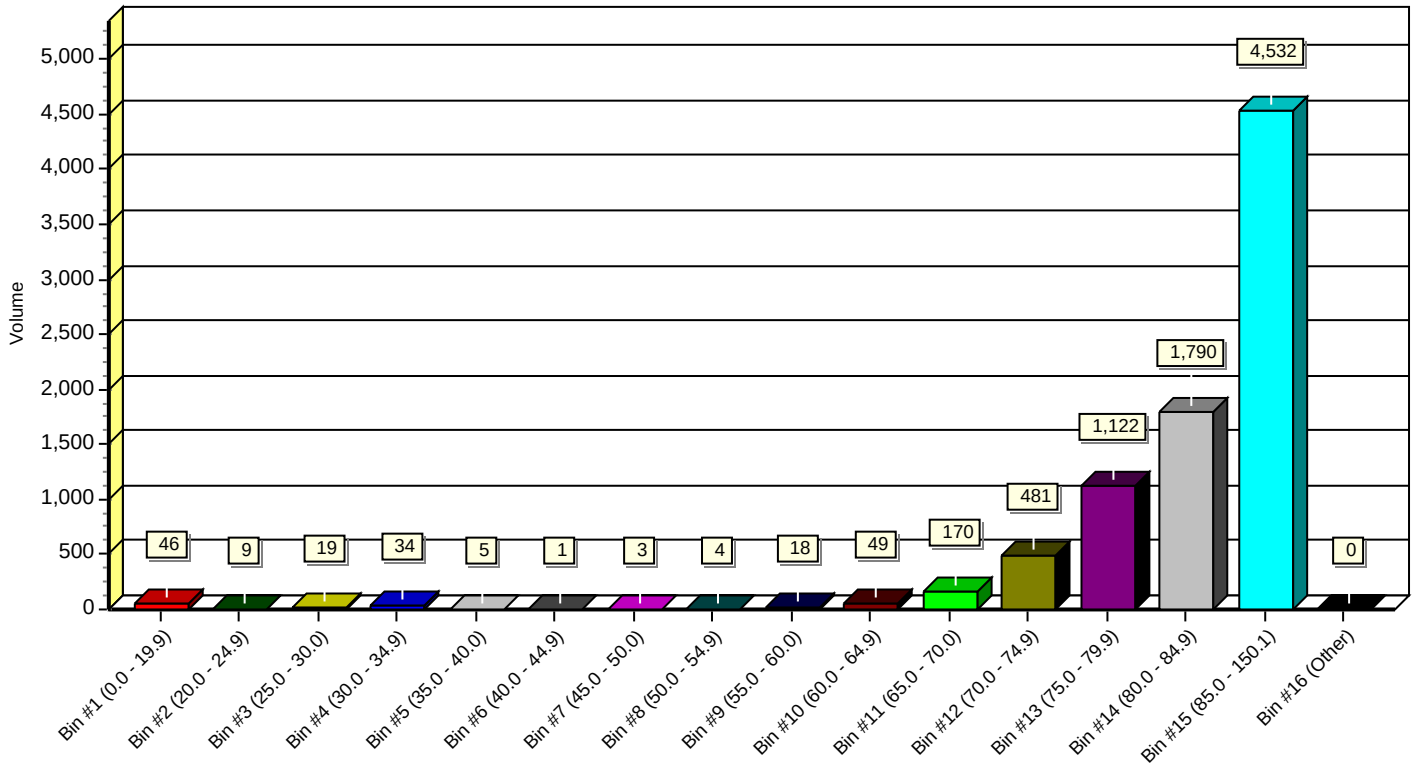
Speeds - Average: 73.3 50% : 77.9 67% : 83.2 85% : 117.2 10mph Pace: 76.2 - 86.1 (30.6%)

Basic Speed Class Summary: 2D0000156

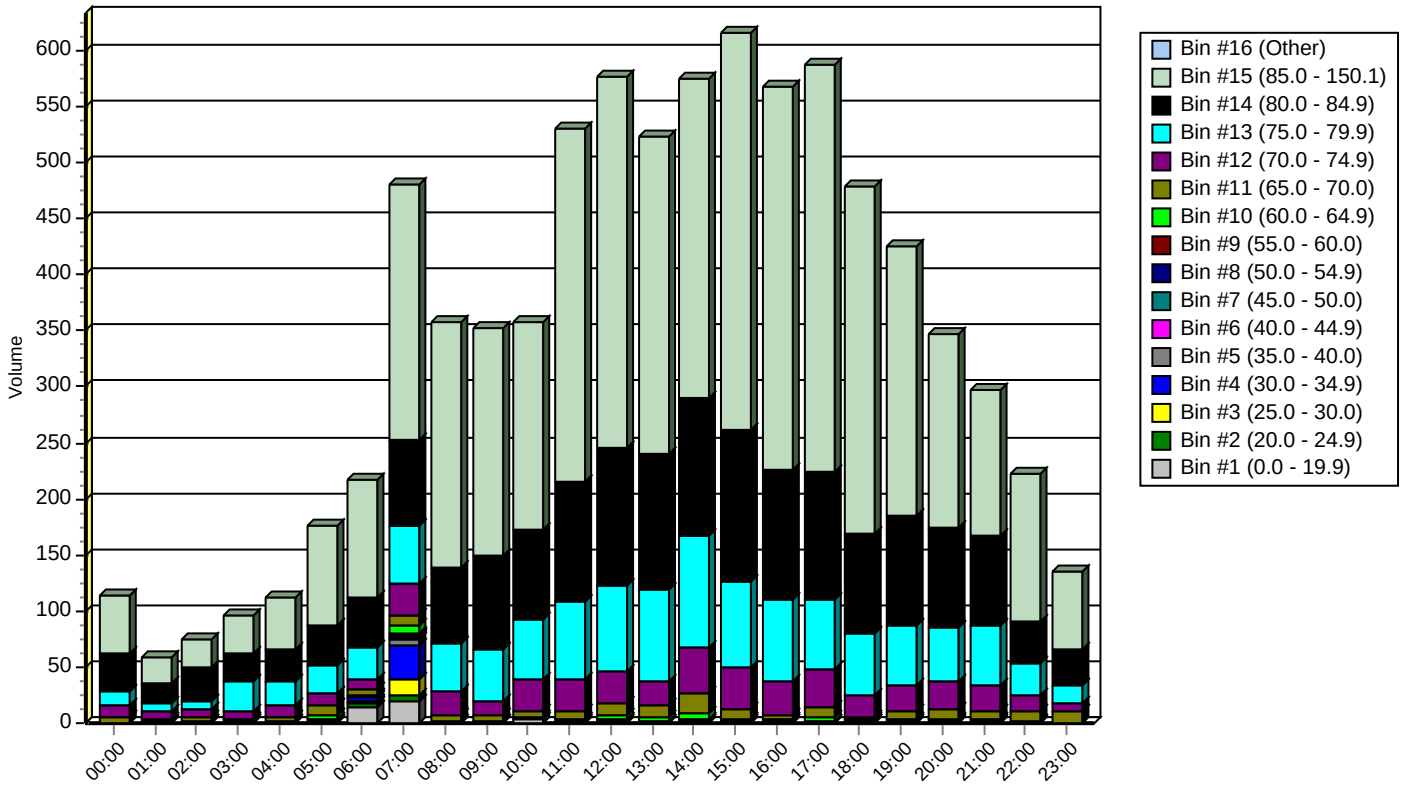
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	46	9	19	34	5	1	3	4	18	49	170	481	1122	1790	4532	0	8283
		46	9	19	34	5	1	3	4	18	49	170	481	1122	1790	4532	0	8283
Percents :	#1.	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	6%	14%	22%	55%	0%	100%
		1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	6%	14%	22%	55%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	0	1	2	4	6	16	0	29
		0	0	0	0	0	0	0	0	0	0	1	2	4	6	16	0	29
Days & ADT :	#1.	2.8	2870															
		2.8	2870															
Avg,50,67,85%:	#1.	99.0	91.2	111.8	130.9	75.1	- 85.0	35%										
		99.0	91.2	111.8	130.9	75.1	- 85.0	35%										

2D0000156 Speed Class Charts For Data From: 10:45 - 04/11/2011 To: 08:14 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0000156

Station ID : 2P0000156
Info Line 1 : EB 434 PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 2P0000156.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11448
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 10:45 - 04/11/2011 To: 08:29 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	10:45	0	40	15	0	0	0	1	0	8	0	0	0	0	0	64
Mon	11:00	2	45	11	0	0	0	0	0	4	0	0	0	0	0	62
	11:15	0	21	4	0	0	0	0	0	2	0	0	0	0	0	27
	11:30	0	29	6	0	0	0	0	0	1	1	0	0	0	0	37
	11:45	0	24	4	0	0	0	0	0	1	0	0	0	0	0	29
	12:00	0	21	7	0	0	0	0	1	0	0	0	0	1	0	30
	12:15	0	18	6	0	1	0	0	0	1	0	0	0	0	0	26
	12:30	0	20	9	0	0	0	0	0	2	0	0	0	2	0	33
	12:45	0	24	7	0	0	0	0	0	0	0	0	0	0	1	32
	13:00	0	18	4	0	0	0	0	0	0	0	0	0	1	1	24
	13:15	0	19	5	0	0	0	0	0	2	0	0	0	0	0	26
	13:30	0	14	2	0	0	0	0	0	0	0	0	0	0	0	16
	13:45	0	17	5	0	0	0	0	0	1	0	0	0	0	0	23
	14:00	0	25	5	1	0	0	0	0	2	0	0	0	0	0	33
	14:15	0	26	7	1	0	0	0	1	2	0	0	0	0	0	37
	14:30	0	14	7	0	0	0	0	1	1	0	0	0	0	0	23
	14:45	1	13	5	0	0	0	0	1	1	0	0	0	0	0	21
	15:00	2	22	8	0	0	0	0	0	0	0	0	0	0	0	32
	15:15	1	17	6	0	0	0	0	2	5	0	0	0	0	0	31
	15:30	0	28	11	0	0	0	0	0	0	0	0	0	2	0	41
	15:45	0	21	10	0	0	0	0	0	3	0	0	0	1	0	35
	16:00	0	11	6	0	0	0	0	0	3	0	0	0	0	0	20
	16:15	0	14	6	0	0	0	0	0	2	0	0	0	0	0	22
	16:30	0	22	9	0	0	0	0	0	0	0	0	0	0	0	31
	16:45	0	14	6	1	0	0	0	0	1	0	0	0	0	0	22
	17:00	0	17	10	0	0	0	0	0	1	0	0	0	1	0	29
	17:15	0	16	9	0	1	0	0	0	1	0	0	0	1	0	28
	17:30	0	28	7	0	0	0	0	0	1	0	0	0	0	0	36
	17:45	0	10	8	0	0	0	0	0	0	0	0	0	0	0	18
	18:00	0	12	10	1	0	0	0	0	0	0	0	0	0	1	24
	18:15	0	8	7	0	0	0	0	0	0	0	0	0	0	0	15
	18:30	0	10	3	0	0	0	0	0	0	0	0	0	0	0	13
	18:45	0	12	4	0	0	0	0	0	1	0	0	0	0	0	17
	19:00	0	7	4	0	1	0	0	0	0	0	0	0	0	0	12

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	19:15	0	7	2	0	1	0	0	0	3	0	0	0	0	0	13
Mon	19:30	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	19:45	0	6	1	0	0	0	0	0	1	0	0	0	0	0	8
	20:00	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	20:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	20:30	0	9	1	0	0	0	0	0	0	0	0	0	0	0	10
	20:45	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	21:00	0	4	4	0	0	0	0	0	3	0	0	0	0	0	11
	21:15	1	6	1	0	0	0	0	0	0	0	0	0	0	0	8
	21:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	3	1	0	0	0	0	0	1	0	0	0	0	0	5
	22:00	0	3	1	0	0	0	0	0	2	0	0	0	0	0	6
	22:15	0	1	2	0	0	0	0	0	1	0	0	0	0	0	4
	22:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
	22:45	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	0	2	0	0	0	0	0	1	0	0	0	0	0	3
	23:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		8	726	260	5	4	0	1	6	58	1	0	0	9	3	1081
	Percent :	1%	67%	24%	0%	0%	0%	0%	1%	5%	0%	0%	0%	1%	0%	
	Average :	0	14	5	0	0	0	0	0	1	0	0	0	0	0	20

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	3	1	0	0	0	0	0	1	0	0	0	0	0	5
	05:15	0	3	0	1	0	0	0	0	0	0	0	0	1	0	5
	05:30	0	2	0	0	0	0	0	0	2	0	0	0	3	0	7
	05:45	0	4	2	0	0	1	0	0	0	0	0	0	1	0	8
	06:00	0	5	6	0	0	0	0	1	0	0	0	0	0	0	12
	06:15	0	10	3	0	0	0	0	1	1	0	0	0	0	0	15
	06:30	0	19	10	0	0	0	0	0	3	0	0	0	0	0	32
	06:45	0	16	5	0	0	0	0	0	5	0	0	0	1	0	27
	07:00	0	19	4	0	0	0	0	0	0	0	0	0	2	0	25
	07:15	0	37	7	0	0	0	0	0	1	0	0	0	3	1	49
	07:30	0	54	17	0	0	0	0	0	3	0	1	0	0	0	75
	07:45	0	21	7	0	0	0	0	0	1	0	0	0	0	0	29
	08:00	0	21	6	2	0	0	0	0	1	0	0	0	0	0	30
	08:15	0	30	7	0	0	0	0	0	1	0	0	0	0	0	38
	08:30	0	19	11	0	0	0	0	0	1	0	0	0	1	0	32
	08:45	0	14	7	0	0	0	0	0	1	0	0	0	0	0	22
	09:00	0	14	10	0	0	0	0	0	2	0	0	0	1	0	27
	09:15	1	22	9	0	0	0	0	0	0	0	0	0	0	0	32
	09:30	0	36	8	0	0	0	0	0	0	0	0	0	0	0	44
	09:45	0	18	11	0	1	0	0	0	1	1	0	0	0	0	32
	10:00	0	13	8	0	1	0	0	0	0	0	0	0	1	0	23
	10:15	0	31	10	0	0	1	0	0	1	0	0	0	0	0	43
	10:30	0	20	8	0	1	0	0	0	1	0	0	0	0	0	30
	10:45	0	18	8	0	0	0	0	0	3	0	0	0	0	0	29
	11:00	0	19	7	0	0	0	0	0	0	2	0	1	0	0	29
	11:15	0	24	11	0	0	0	0	0	0	2	0	0	0	0	37
	11:30	1	16	5	0	1	0	0	0	1	0	0	0	0	0	24
	11:45	0	23	14	0	0	0	0	0	1	0	0	0	0	0	38
	12:00	0	21	7	0	0	0	0	0	1	0	0	0	0	0	29
	12:15	0	18	12	0	0	0	0	1	0	0	0	0	0	0	31

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	25	7	0	0	0	0	0	6	0	0	0	0	0	38
Tue	12:45	0	12	5	0	0	0	0	0	5	0	0	0	1	0	23
	13:00	0	16	6	0	0	0	0	0	1	0	0	0	0	0	23
	13:15	0	17	10	0	1	0	0	0	2	1	0	0	0	1	32
	13:30	0	15	12	0	0	0	0	1	4	1	0	0	0	0	33
	13:45	0	16	3	0	2	0	0	0	3	0	0	0	0	0	24
	14:00	0	25	4	0	0	0	0	0	1	0	0	0	1	0	31
	14:15	0	22	7	1	0	0	0	0	3	0	0	0	1	1	35
	14:30	0	16	9	0	2	0	0	0	0	0	0	0	0	0	27
	14:45	0	25	9	0	0	0	0	0	0	0	0	0	0	1	35
	15:00	0	11	6	0	0	0	1	0	2	1	0	1	0	0	22
	15:15	0	19	1	0	0	0	0	0	3	0	0	0	0	0	23
	15:30	0	15	11	0	1	1	0	0	3	0	0	0	1	0	32
	15:45	0	22	18	0	0	0	0	1	2	0	0	0	1	0	44
	16:00	0	28	5	0	0	1	0	0	2	2	0	0	0	0	38
	16:15	0	22	10	0	1	0	0	0	1	0	0	0	0	0	34
	16:30	0	12	13	0	0	0	0	0	3	1	0	0	0	0	29
	16:45	0	16	7	0	0	0	0	2	0	2	0	0	0	0	27
	17:00	0	18	6	0	0	0	0	0	1	1	0	0	0	0	26
	17:15	0	19	10	0	0	0	0	0	2	0	0	0	0	0	31
	17:30	0	23	7	0	2	0	0	1	1	0	0	0	0	0	34
	17:45	0	17	6	0	0	0	0	0	0	0	0	0	1	0	24
	18:00	0	16	5	0	0	0	0	0	2	0	0	0	0	0	23
	18:15	0	9	2	0	0	0	0	1	1	1	0	0	1	0	15
	18:30	0	19	6	1	0	0	0	1	1	0	0	0	0	0	28
	18:45	0	13	2	0	0	0	0	0	2	0	0	1	0	0	18
	19:00	0	10	4	0	1	0	0	0	0	0	0	0	0	0	15
	19:15	0	5	5	0	0	0	0	0	2	0	0	0	0	0	12
	19:30	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
	19:45	0	7	2	0	0	0	0	0	1	0	0	0	0	0	10
	20:00	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
	20:15	0	2	2	1	0	0	0	0	0	0	0	0	0	0	5
	20:30	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
	20:45	0	6	1	1	0	0	0	0	1	1	0	0	0	0	10
	21:00	0	2	0	0	0	0	0	1	0	0	0	0	0	0	3
	21:15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	21:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	4	1	0	0	0	0	0	0	1	0	0	0	0	6
	22:00	0	2	2	0	1	0	0	0	0	0	0	0	0	0	5
	22:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:30	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	22:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	1	1	0	1	0	0	0	1	0	0	0	0	0	4
	23:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		3	1117	431	8	16	4	1	11	95	17	1	3	22	4	1733
Percent :		0%	64%	25%	0%	1%	0%	0%	1%	5%	1%	0%	0%	1%	0%	
Average :		0	12	4	0	0	0	0	0	1	0	0	0	0	0	17

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	05:15	0	5	0	0	0	0	0	0	0	0	0	0	1	0	6
	05:30	0	5	2	0	0	0	0	0	1	0	0	0	1	0	9
	05:45	0	3	1	0	0	0	0	0	1	0	0	0	1	0	6
	06:00	0	7	4	0	0	0	0	0	1	0	0	0	0	0	12
	06:15	0	14	7	0	0	0	0	0	1	0	0	0	0	0	22
	06:30	0	16	8	0	1	0	0	0	1	0	0	0	2	0	28
	06:45	0	18	6	0	0	0	0	1	4	1	0	0	0	0	30
	07:00	0	25	8	0	1	0	0	0	5	0	0	0	0	0	39
	07:15	0	37	12	0	0	0	0	0	5	2	0	0	0	0	56
	07:30	0	48	14	0	0	0	0	0	1	0	0	0	1	0	64
	07:45	0	36	12	0	0	0	1	0	1	0	0	0	2	0	52
	08:00	0	24	9	2	0	0	0	0	1	0	0	0	0	0	36
	08:15	0	23	12	0	0	0	0	0	3	0	0	0	1	0	39
	08:30	0	37	9	1	0	0	0	0	2	0	0	1	0	0	50
	08:45	0	21	8	0	0	1	0	0	3	0	0	0	1	0	34
	09:00	0	23	10	1	0	0	0	0	0	0	0	0	0	0	34
	09:15	0	22	6	0	0	0	0	1	2	2	0	0	0	0	33
	09:30	0	24	10	0	0	0	0	0	2	0	0	0	1	0	37
	09:45	0	30	10	0	0	0	0	0	3	0	0	0	1	0	44
	10:00	0	29	7	0	0	1	0	0	4	1	0	0	1	0	43
	10:15	0	32	10	0	0	1	0	0	2	0	0	0	0	0	45
	10:30	0	30	7	0	1	0	0	1	8	0	0	0	0	0	47
	10:45	0	26	10	0	0	1	0	0	1	0	0	0	0	0	38
	11:00	0	17	9	0	0	0	0	0	2	0	0	0	0	0	28
	11:15	0	26	7	0	0	0	0	0	4	0	0	0	1	0	38
	11:30	0	25	4	0	0	0	0	0	2	0	0	0	0	0	31
	11:45	0	18	9	0	0	0	0	0	3	0	0	0	0	0	30
	12:00	0	17	7	0	0	0	0	0	2	0	0	0	0	0	26
	12:15	0	19	10	0	0	0	0	1	3	0	0	1	0	0	34

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	19	5	0	0	0	0	0	5	0	0	0	1	0	30
Wed	12:45	0	18	6	1	0	0	0	0	2	0	0	0	0	0	27
	13:00	0	18	7	0	0	0	0	0	0	0	0	0	0	0	25
	13:15	0	11	6	0	0	0	0	0	2	0	0	0	0	0	19
	13:30	0	21	8	0	1	0	0	0	1	1	0	0	1	0	33
	13:45	0	13	5	0	0	1	0	0	1	0	0	2	0	0	22
	14:00	0	25	8	0	0	1	0	0	1	0	0	0	0	0	35
	14:15	0	27	3	0	0	0	0	1	5	0	0	0	1	1	38
	14:30	0	15	15	0	1	0	0	1	4	0	0	0	1	0	37
	14:45	0	17	10	0	0	0	1	0	6	0	0	0	0	0	34
	15:00	0	25	7	0	0	0	0	0	4	0	0	0	0	0	36
	15:15	0	21	6	0	1	0	0	1	0	0	0	0	0	0	29
	15:30	0	26	11	0	0	0	0	0	3	0	0	0	0	0	40
	15:45	4	19	9	0	1	0	0	0	3	1	0	0	0	0	37
	16:00	0	29	16	0	0	0	0	0	3	0	0	0	3	0	51
	16:15	0	15	11	0	0	0	0	1	4	0	0	0	0	0	31
	16:30	0	29	14	0	0	0	0	0	2	0	0	0	0	0	45
	16:45	0	14	12	1	0	0	0	0	1	0	0	0	0	0	28
	17:00	0	14	9	0	0	0	0	0	6	0	0	0	0	0	29
	17:15	0	27	10	0	0	0	0	0	3	1	0	0	0	1	42
	17:30	0	24	11	0	0	0	0	1	4	0	0	0	1	0	41
	17:45	0	13	7	1	0	0	0	1	5	0	0	0	0	0	27
	18:00	1	21	8	0	0	0	0	0	3	0	0	0	0	0	33
	18:15	0	17	11	0	0	0	0	0	2	0	0	0	0	0	30
	18:30	0	11	10	0	2	0	0	0	0	0	0	0	1	0	24
	18:45	1	6	7	0	0	0	0	1	2	0	0	0	0	0	17
	19:00	0	12	5	0	0	0	0	0	2	0	0	0	0	0	19
	19:15	0	12	4	0	0	0	0	0	1	0	0	0	0	0	17
	19:30	0	9	0	0	0	0	0	0	2	0	0	0	0	0	11
	19:45	1	4	4	0	0	0	0	0	0	0	0	0	1	0	10
	20:00	0	5	2	1	0	0	0	0	2	0	0	0	0	0	10
	20:15	0	6	2	0	0	0	0	0	3	0	0	0	0	0	11
	20:30	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	20:45	0	11	4	0	0	0	0	1	3	0	0	0	1	0	20
	21:00	2	4	4	0	0	0	0	0	1	0	0	0	0	0	11
	21:15	0	4	2	0	0	1	0	0	0	0	0	0	0	1	8
	21:30	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	21:45	0	7	5	0	0	0	0	0	2	0	0	0	0	0	14
	22:00	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
	22:15	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	22:30	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	23:00	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	23:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		10	1261	507	8	9	7	2	12	163	9	0	4	25	3	2020
Percent :		0%	62%	25%	0%	0%	0%	0%	1%	8%	0%	0%	0%	1%	0%	
Average :		0	13	5	0	0	0	0	0	2	0	0	0	0	0	20

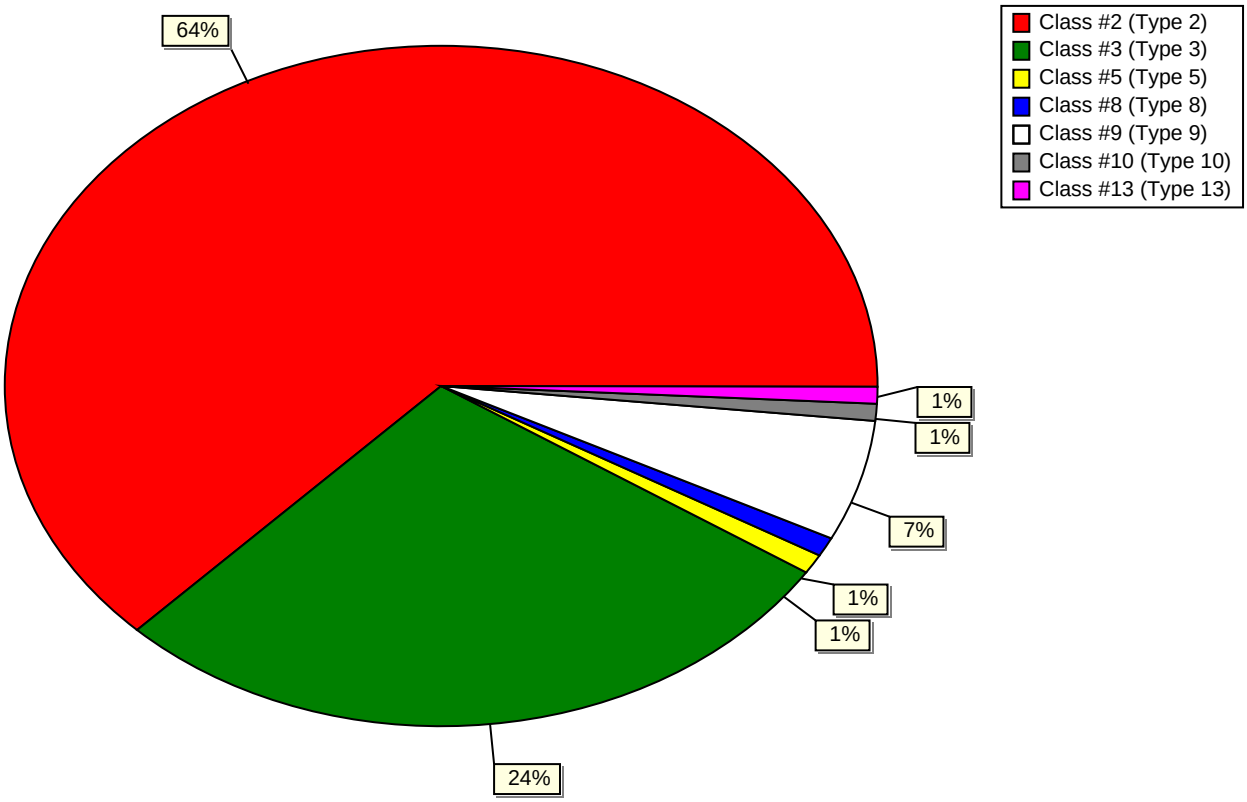
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
Thu	00:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	05:00	0	1	1	0	0	0	0	0	2	0	0	0	0	0	4
	05:15	0	2	0	0	0	0	0	0	0	0	0	0	1	0	3
	05:30	0	7	1	0	0	0	0	0	0	0	0	1	0	0	9
	05:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	06:00	0	1	1	0	0	0	0	0	2	0	0	0	1	0	5
	06:15	0	9	1	0	0	0	0	0	4	0	0	0	1	0	15
	06:30	0	19	8	0	0	0	0	0	1	0	0	0	1	0	29
	06:45	0	11	3	1	0	0	0	0	2	0	0	0	2	0	19
	07:00	0	30	7	0	0	0	0	0	1	0	0	0	1	0	39
	07:15	0	29	9	0	1	0	0	0	1	0	0	0	1	1	42
	07:30	0	48	10	0	0	0	0	0	2	0	1	0	0	1	62
	07:45	0	25	13	0	0	0	0	0	2	0	0	0	1	0	41
	08:00	0	26	4	1	0	0	0	0	1	0	0	0	0	0	32
Daily Total :		0	217	63	3	1	0	0	0	21	0	2	1	9	2	319
	Percent :	0%	68%	20%	1%	0%	0%	0%	0%	7%	0%	1%	0%	3%	1%	
	Average :	0	7	2	0	0	0	0	0	1	0	0	0	0	0	10

Basic Axle Class Summary: 2P0000156

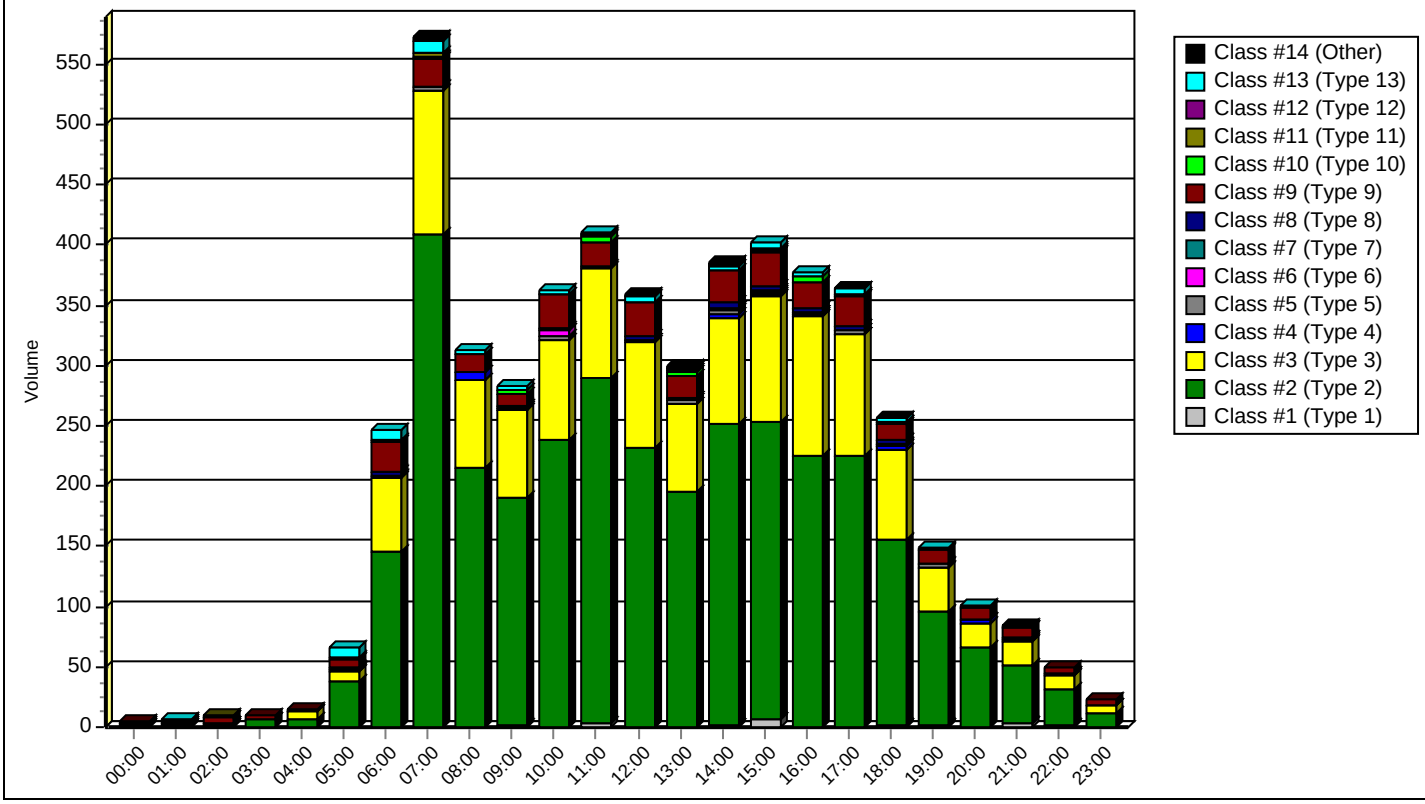
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	21	3321	1261	24	30	11	4	29	337	27	3	8	65	12	5153
		21	3321	1261	24	30	11	4	29	337	27	3	8	65	12	5153
Percents :	#1.	0%	64%	24%	0%	1%	0%	0%	1%	7%	1%	0%	0%	1%	0%	100%
		0%	64%	24%	0%	1%	0%	0%	1%	7%	1%	0%	0%	1%	0%	
Average :	#1.	0	12	5	0	0	0	0	0	1	0	0	0	0	0	18
		0	12	5	0	0	0	0	0	1	0	0	0	0	0	18
Days & ADT :	#1.	2.8	1779													
		2.8	1779													

2P0000156 Axle Class Charts For Data From: 10:45 - 04/11/2011 To: 08:29 - 04/14/2011

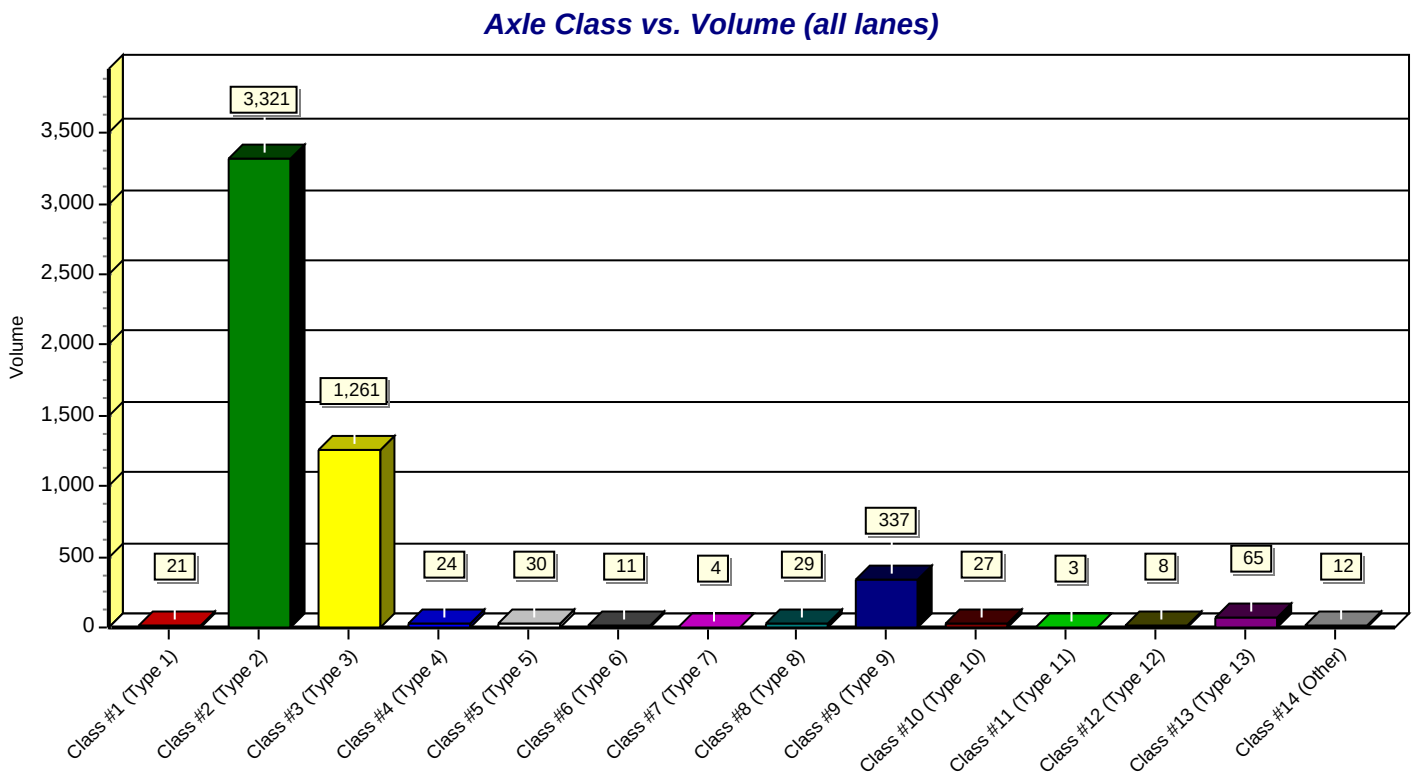
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0000156 Axle Class Charts For Data From: 10:45 - 04/11/2011 To: 08:29 - 04/14/2011



Basic Speed Classification Report: 2P0000156

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 10:45 - 04/11/2011 To: 08:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	10:45	0	0	0	0	0	0	0	1	9	16	28	10	0	0	0	0	64
Mon	11:00	0	0	0	0	0	0	0	0	7	14	30	11	0	0	0	0	62
	11:15	0	0	0	0	0	0	0	0	2	2	18	4	1	0	0	0	27
	11:30	0	0	0	0	0	0	0	1	2	8	15	10	1	0	0	0	37
	11:45	0	0	0	0	0	0	0	0	0	2	16	10	1	0	0	0	29
	12:00	0	0	0	0	0	0	0	0	0	7	17	6	0	0	0	0	30
	12:15	0	0	0	0	0	0	0	0	2	4	13	7	0	0	0	0	26
	12:30	0	0	0	0	0	0	0	0	0	7	14	12	0	0	0	0	33
	12:45	0	0	0	0	0	0	0	0	0	2	9	17	3	1	0	0	32
	13:00	0	0	0	0	0	0	0	0	1	3	5	13	2	0	0	0	24
	13:15	0	0	0	0	0	0	0	0	2	2	9	13	0	0	0	0	26
	13:30	0	0	0	0	0	0	0	0	0	3	4	8	0	1	0	0	16
	13:45	0	0	0	0	0	0	0	0	1	2	6	12	2	0	0	0	23
	14:00	0	0	0	0	0	0	0	0	0	3	17	10	3	0	0	0	33
	14:15	0	0	0	0	0	0	0	0	1	6	8	19	3	0	0	0	37
	14:30	0	0	0	0	0	0	0	0	0	2	10	7	4	0	0	0	23
	14:45	1	0	0	0	0	0	0	0	0	5	8	7	0	0	0	0	21
	15:00	0	0	0	0	0	0	0	0	2	1	15	13	0	0	1	0	32
	15:15	1	0	0	0	0	0	0	0	5	3	9	10	3	0	0	0	31
	15:30	0	0	0	0	0	0	0	0	1	4	17	18	1	0	0	0	41
	15:45	0	0	0	0	0	0	0	0	0	6	14	13	2	0	0	0	35
	16:00	0	0	0	0	0	0	0	0	1	3	4	11	1	0	0	0	20
	16:15	0	0	0	0	0	0	0	0	1	3	10	7	1	0	0	0	22
	16:30	0	0	0	0	0	0	0	0	0	2	9	17	2	0	1	0	31
	16:45	0	0	0	0	0	0	0	0	0	2	9	10	1	0	0	0	22
	17:00	0	0	0	0	0	0	0	0	0	3	10	12	4	0	0	0	29
	17:15	0	0	0	0	0	0	0	0	0	5	9	12	2	0	0	0	28
	17:30	0	0	0	0	0	0	0	0	1	1	16	14	4	0	0	0	36
	17:45	0	0	0	0	0	0	0	0	0	1	1	10	6	0	0	0	18
	18:00	0	0	0	0	0	0	0	0	0	1	5	17	1	0	0	0	24
	18:15	0	0	0	0	0	0	0	0	0	0	9	6	0	0	0	0	15
	18:30	0	0	0	0	0	0	0	0	0	1	4	6	2	0	0	0	13
	18:45	0	0	0	0	0	0	0	0	0	2	5	9	1	0	0	0	17
	19:00	0	0	0	0	0	0	0	0	1	0	8	3	0	0	0	0	12
	19:15	0	0	0	0	0	0	0	0	1	4	3	5	0	0	0	0	13
	19:30	0	0	0	0	0	0	0	0	0	0	5	7	0	0	1	0	13
	19:45	0	0	0	0	0	0	0	0	0	1	2	3	2	0	0	0	8
	20:00	0	0	0	0	0	0	0	0	0	1	5	4	0	0	0	0	10
	20:15	0	0	0	0	0	0	0	1	0	0	1	2	0	0	0	0	4
	20:30	0	0	0	0	0	0	0	0	0	0	4	4	2	0	0	0	10

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	20:45	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	5
Mon	21:00	0	0	0	0	0	0	0	1	1	5	1	3	0	0	0	0	11
	21:15	1	0	0	0	0	0	0	0	1	3	2	1	0	0	0	0	8
	21:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	21:45	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	5
	22:00	0	0	0	0	0	0	0	0	1	1	0	4	0	0	0	0	6
	22:15	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	4
	22:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	22:45	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	4
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Daily Total :		4	0	0	0	0	0	0	4	44	147	415	407	55	2	3	0	1081
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	4%	14%	38%	38%	5%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	1	3	8	8	1	0	0	0	18

Speeds - Average: 68.7 50% : 69.2 67% : 71.5 85% : 73.8 10mph Pace: 65.0 - 74.9 (76.0%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	5
	05:15	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	5
	05:30	0	0	0	0	0	0	0	0	3	2	0	0	2	0	0	0	7
	05:45	0	0	0	0	0	0	0	0	0	2	1	4	1	0	0	0	8
	06:00	1	0	0	0	0	0	0	0	0	2	7	2	0	0	0	0	12
	06:15	0	0	0	0	0	0	0	0	0	3	7	5	0	0	0	0	15
	06:30	0	0	0	0	0	0	0	0	3	3	12	12	0	2	0	0	32
	06:45	0	0	0	0	0	0	0	0	1	5	6	11	4	0	0	0	27
	07:00	0	0	0	0	0	0	0	0	1	4	7	13	0	0	0	0	25
	07:15	0	0	0	0	0	0	0	1	4	8	19	16	1	0	0	0	49
	07:30	0	0	0	0	0	0	0	0	5	15	24	26	5	0	0	0	75
	07:45	0	0	0	0	0	0	0	0	1	2	12	12	2	0	0	0	29
	08:00	0	0	0	0	0	0	0	0	3	5	12	10	0	0	0	0	30
	08:15	0	0	0	0	0	0	0	0	2	5	12	18	1	0	0	0	38
	08:30	0	0	0	0	0	0	0	0	0	1	9	20	2	0	0	0	32
	08:45	0	0	0	0	0	0	0	0	0	4	9	9	0	0	0	0	22
	09:00	0	0	0	0	0	0	0	0	1	7	8	10	1	0	0	0	27
	09:15	1	0	0	0	0	0	0	1	0	1	12	16	1	0	0	0	32
	09:30	0	0	0	0	0	0	0	0	0	7	18	17	2	0	0	0	44
	09:45	0	0	0	0	0	0	0	1	3	5	11	9	3	0	0	0	32
	10:00	0	0	0	0	0	0	0	0	1	2	6	14	0	0	0	0	23
	10:15	0	0	0	0	0	0	0	0	2	6	18	15	2	0	0	0	43
	10:30	0	0	0	0	0	0	0	0	0	5	7	17	1	0	0	0	30
	10:45	0	0	0	0	0	0	0	2	3	3	8	9	4	0	0	0	29
	11:00	0	0	0	0	0	0	0	0	1	4	13	11	0	0	0	0	29
	11:15	0	0	0	0	0	0	0	0	1	7	10	15	4	0	0	0	37
	11:30	1	0	0	0	0	0	0	1	1	1	8	10	2	0	0	0	24
	11:45	0	0	0	0	0	0	0	0	0	5	16	14	3	0	0	0	38
	12:00	0	0	0	0	0	0	0	0	1	2	8	13	5	0	0	0	29
	12:15	0	0	0	0	0	0	0	0	1	0	6	20	4	0	0	0	31

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	2	6	16	12	2	0	0	0	38
Tue	12:45	0	0	0	0	0	0	0	0	0	10	6	7	0	0	0	0	23
	13:00	0	0	0	0	0	0	0	0	1	2	11	8	1	0	0	0	23
	13:15	0	0	0	0	0	0	0	0	0	6	5	18	3	0	0	0	32
	13:30	0	0	0	0	0	0	0	0	2	9	7	14	1	0	0	0	33
	13:45	0	0	0	0	0	0	0	0	1	4	4	12	3	0	0	0	24
	14:00	0	0	0	0	0	0	0	0	3	3	10	10	5	0	0	0	31
	14:15	0	0	0	0	0	0	0	0	0	5	14	15	1	0	0	0	35
	14:30	0	0	0	0	0	0	0	0	1	0	7	18	1	0	0	0	27
	14:45	0	0	0	0	0	0	0	1	2	3	9	18	2	0	0	0	35
	15:00	0	0	0	0	0	0	0	0	0	5	8	8	1	0	0	0	22
	15:15	0	0	0	0	0	0	0	0	0	4	2	17	0	0	0	0	23
	15:30	0	0	0	0	0	0	0	0	0	7	11	13	1	0	0	0	32
	15:45	0	0	0	0	0	0	0	0	0	4	12	23	5	0	0	0	44
	16:00	0	0	0	0	0	0	0	0	0	3	8	25	2	0	0	0	38
	16:15	0	0	0	0	0	0	0	0	1	2	11	19	1	0	0	0	34
	16:30	0	0	0	0	0	0	0	0	0	4	8	14	3	0	0	0	29
	16:45	0	0	0	0	0	0	0	0	1	5	9	9	3	0	0	0	27
	17:00	0	0	0	0	0	0	0	0	0	4	7	14	1	0	0	0	26
	17:15	0	0	0	0	0	0	0	0	0	3	8	17	3	0	0	0	31
	17:30	0	0	0	0	0	0	0	0	0	5	4	22	3	0	0	0	34
	17:45	0	0	0	0	0	0	0	0	0	1	5	11	5	1	1	0	24
	18:00	0	0	0	0	0	0	0	0	1	3	5	9	4	0	1	0	23
	18:15	0	0	0	0	0	0	0	0	1	4	2	8	0	0	0	0	15
	18:30	0	0	0	0	0	0	0	0	0	2	5	15	6	0	0	0	28
	18:45	0	0	0	0	0	0	0	0	1	1	8	8	0	0	0	0	18
	19:00	0	0	0	0	0	0	0	0	0	0	3	10	2	0	0	0	15
	19:15	0	0	0	0	0	0	0	0	0	2	2	7	1	0	0	0	12
	19:30	0	0	0	0	0	0	0	0	0	0	2	4	3	0	0	0	9
	19:45	0	0	0	0	0	0	0	0	0	2	2	5	1	0	0	0	10
	20:00	0	0	0	0	0	0	0	0	0	0	1	4	2	0	0	0	7
	20:15	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	5
	20:30	0	0	0	0	0	0	0	0	1	1	0	3	0	0	0	0	5
	20:45	0	0	0	0	0	0	0	0	1	2	1	5	1	0	0	0	10
	21:00	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
	21:15	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	21:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	21:45	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	6
	22:00	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	5
	22:15	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	4
	22:30	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
	23:30	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	0	0	0	0	0	0	7	59	246	518	770	124	3	2	0	1733
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	3%	14%	30%	44%	7%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	1	3	5	8	1	0	0	0	21

Speeds - Average: 69.2 50% : 70.3 67% : 72.2 85% : 74.1 10mph Pace: 65.0 - 74.9 (74.3%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	03:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	1	1	3	1	0	0	0	6
	05:30	0	0	0	0	0	0	0	0	0	3	1	4	1	0	0	0	9
	05:45	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	6
	06:00	0	0	0	0	0	0	0	0	0	1	4	7	0	0	0	0	12
	06:15	0	0	0	0	0	0	0	0	1	4	3	10	4	0	0	0	22
	06:30	0	0	0	0	0	0	0	0	2	4	7	13	2	0	0	0	28
	06:45	0	0	0	0	0	0	0	0	0	4	3	13	10	0	0	0	30
	07:00	0	0	0	0	0	0	0	0	1	7	14	15	2	0	0	0	39
	07:15	0	0	0	0	0	0	0	0	2	7	17	24	6	0	0	0	56
	07:30	0	0	0	0	0	0	0	0	2	5	11	36	9	1	0	0	64
	07:45	0	0	0	0	0	0	0	0	2	6	11	28	5	0	0	0	52
	08:00	0	0	0	0	0	0	0	0	0	3	11	18	4	0	0	0	36
	08:15	0	0	0	0	0	0	0	0	1	7	8	20	3	0	0	0	39
	08:30	0	0	0	0	0	0	0	0	1	9	16	22	2	0	0	0	50
	08:45	0	0	0	0	0	0	1	0	1	5	7	17	3	0	0	0	34
	09:00	0	0	0	0	0	0	0	0	1	0	9	19	5	0	0	0	34
	09:15	0	0	0	0	0	0	0	0	0	6	10	16	1	0	0	0	33
	09:30	0	0	0	0	0	0	0	0	1	5	11	18	2	0	0	0	37
	09:45	0	0	0	0	0	0	0	0	2	7	10	23	2	0	0	0	44
	10:00	0	0	0	0	0	0	0	0	3	11	13	13	3	0	0	0	43
	10:15	0	0	0	0	0	0	0	0	0	4	17	20	4	0	0	0	45
	10:30	0	0	0	0	0	0	1	0	5	16	12	11	2	0	0	0	47
	10:45	0	0	0	0	0	0	1	2	3	5	13	13	0	1	0	0	38
	11:00	0	0	0	0	0	0	0	0	1	5	10	12	0	0	0	0	28
	11:15	0	0	0	0	0	0	0	0	1	8	11	18	0	0	0	0	38
	11:30	0	0	0	0	0	0	0	0	1	3	9	16	2	0	0	0	31
	11:45	0	0	0	0	0	0	0	0	0	2	16	9	3	0	0	0	30
	12:00	0	0	0	0	0	0	0	0	0	5	6	15	0	0	0	0	26
	12:15	0	0	0	0	0	0	0	0	0	7	10	17	0	0	0	0	34

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	1	8	9	11	1	0	0	0	30
Wed	12:45	0	0	0	0	0	0	0	0	1	7	7	11	0	1	0	0	27
	13:00	0	0	0	0	0	0	0	0	0	5	10	9	1	0	0	0	25
	13:15	0	0	0	0	0	0	0	1	1	3	6	7	1	0	0	0	19
	13:30	0	0	0	0	0	0	0	0	1	6	14	10	1	1	0	0	33
	13:45	0	0	0	0	0	0	0	1	0	5	7	9	0	0	0	0	22
	14:00	0	0	0	0	0	0	0	1	1	4	16	13	0	0	0	0	35
	14:15	0	0	0	0	0	0	0	1	1	9	13	12	2	0	0	0	38
	14:30	0	0	0	0	0	0	0	0	3	8	18	8	0	0	0	0	37
	14:45	0	0	0	0	0	0	0	0	1	8	13	11	1	0	0	0	34
	15:00	0	0	0	0	0	0	0	0	1	7	13	14	1	0	0	0	36
	15:15	0	0	0	0	0	0	0	0	0	4	11	14	0	0	0	0	29
	15:30	0	0	0	0	0	0	0	1	0	5	15	16	3	0	0	0	40
	15:45	0	0	0	0	0	0	0	0	2	5	12	16	2	0	0	0	37
	16:00	0	0	0	0	0	0	0	0	3	9	17	21	1	0	0	0	51
	16:15	0	0	0	0	0	0	0	0	2	5	10	13	1	0	0	0	31
	16:30	0	0	0	0	0	0	0	0	0	3	12	29	1	0	0	0	45
	16:45	0	0	0	0	0	0	0	0	0	5	4	16	3	0	0	0	28
	17:00	0	0	0	0	0	0	0	0	3	7	5	14	0	0	0	0	29
	17:15	0	0	0	0	0	0	0	1	0	8	8	24	1	0	0	0	42
	17:30	0	0	0	0	0	0	0	0	0	8	13	18	2	0	0	0	41
	17:45	0	0	0	0	0	0	0	0	0	7	9	11	0	0	0	0	27
	18:00	0	0	0	0	0	0	0	0	0	6	8	15	4	0	0	0	33
	18:15	0	0	0	0	0	0	0	0	0	3	12	14	1	0	0	0	30
	18:30	0	0	0	0	0	0	0	0	1	4	12	3	4	0	0	0	24
	18:45	0	0	0	0	0	0	0	0	0	1	8	7	1	0	0	0	17
	19:00	0	0	0	0	0	0	0	0	1	3	8	6	1	0	0	0	19
	19:15	0	0	0	0	0	0	0	0	0	2	0	13	2	0	0	0	17
	19:30	0	0	0	0	0	0	0	0	0	1	5	3	2	0	0	0	11
	19:45	0	0	0	0	0	0	0	0	1	2	1	3	3	0	0	0	10
	20:00	0	0	0	0	0	0	0	0	0	4	4	2	0	0	0	0	10
	20:15	0	0	0	0	0	0	0	0	2	4	2	3	0	0	0	0	11
	20:30	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	20:45	0	0	0	0	0	0	0	1	2	11	1	3	2	0	0	0	20
	21:00	0	0	0	0	0	0	0	0	1	8	1	1	0	0	0	0	11
	21:15	0	0	0	0	0	0	0	0	2	2	2	2	0	0	0	0	8
	21:30	0	0	0	0	0	0	0	0	0	1	5	3	1	0	0	0	10
	21:45	0	0	0	0	0	0	0	0	0	4	5	5	0	0	0	0	14
	22:00	0	0	0	0	0	0	0	0	0	2	1	4	0	0	0	0	7
	22:15	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	5
	22:30	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	22:45	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	5
	23:00	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	3
	23:15	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	0	0	0	0	0	3	10	67	353	602	860	121	4	0	0	2020
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	3%	17%	30%	43%	6%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	1	4	6	9	1	0	0	0	18

Speeds - Average: 68.9 50% : 69.8 67% : 72.0 85% : 74.0 10mph Pace: 65.0 - 74.9 (72.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	4
	05:00	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	4
	05:15	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3
	05:30	0	0	0	0	0	0	0	1	0	2	3	2	1	0	0	0	9
	05:45	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	06:00	0	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0	5
	06:15	0	0	0	0	0	0	0	0	2	6	4	3	0	0	0	0	15
	06:30	0	0	0	0	0	0	0	0	1	3	9	14	2	0	0	0	29
	06:45	0	0	0	0	0	0	0	0	1	7	7	3	1	0	0	0	19
	07:00	0	0	0	0	0	0	0	0	0	6	9	23	1	0	0	0	39
	07:15	0	0	0	0	0	0	0	0	2	5	17	17	1	0	0	0	42
	07:30	0	0	0	0	0	0	0	0	2	7	20	29	4	0	0	0	62
	07:45	0	0	0	0	0	0	0	0	2	6	9	21	3	0	0	0	41
	08:00	0	0	0	0	0	0	0	0	0	3	7	17	4	1	0	0	32
Daily Total :		0	0	0	0	0	0	0	1	15	56	91	138	17	1	0	0	319
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	5%	18%	29%	43%	5%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	2	3	4	1	0	0	0	21

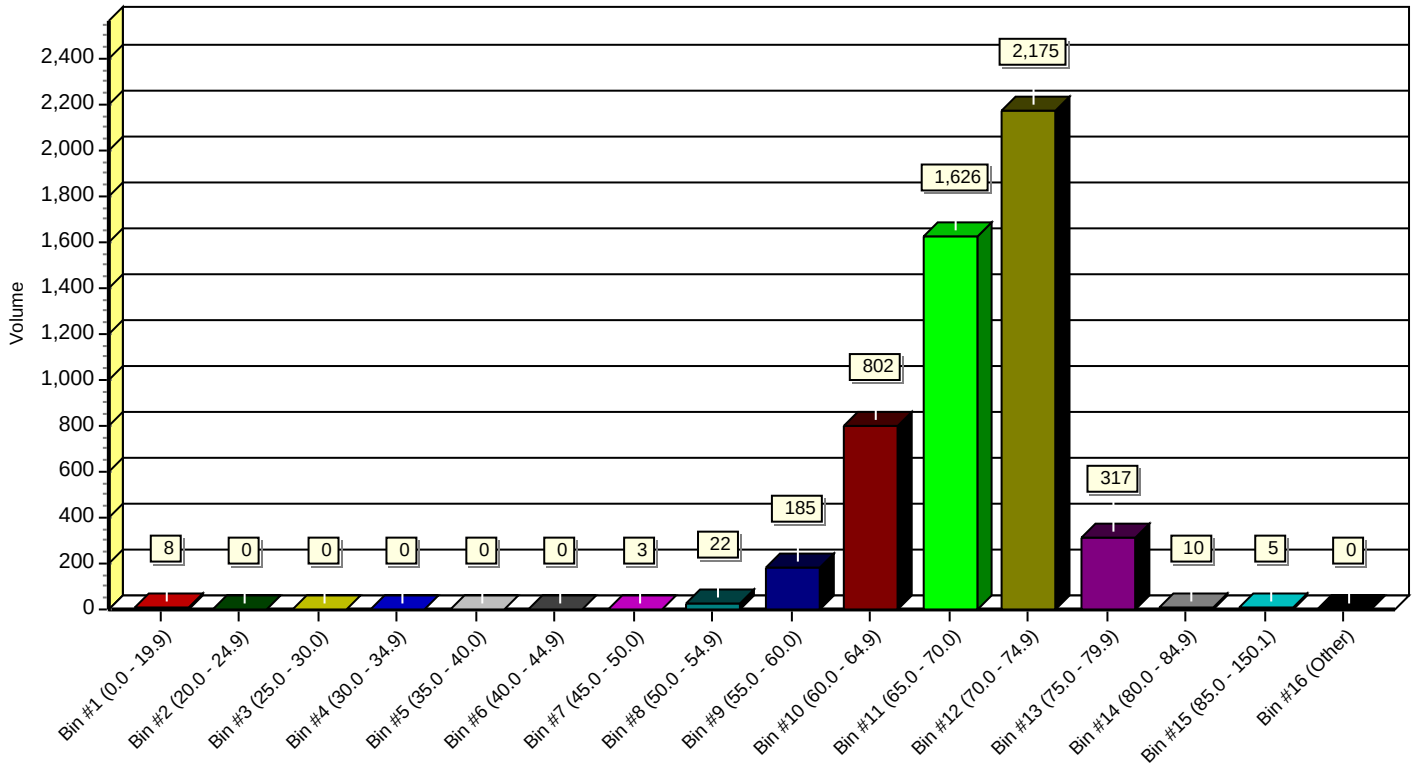
Speeds - Average: 68.8 50% : 69.8 67% : 72.0 85% : 73.8 10mph Pace: 65.0 - 74.9 (71.8%)

Basic Speed Class Summary: 2P0000156

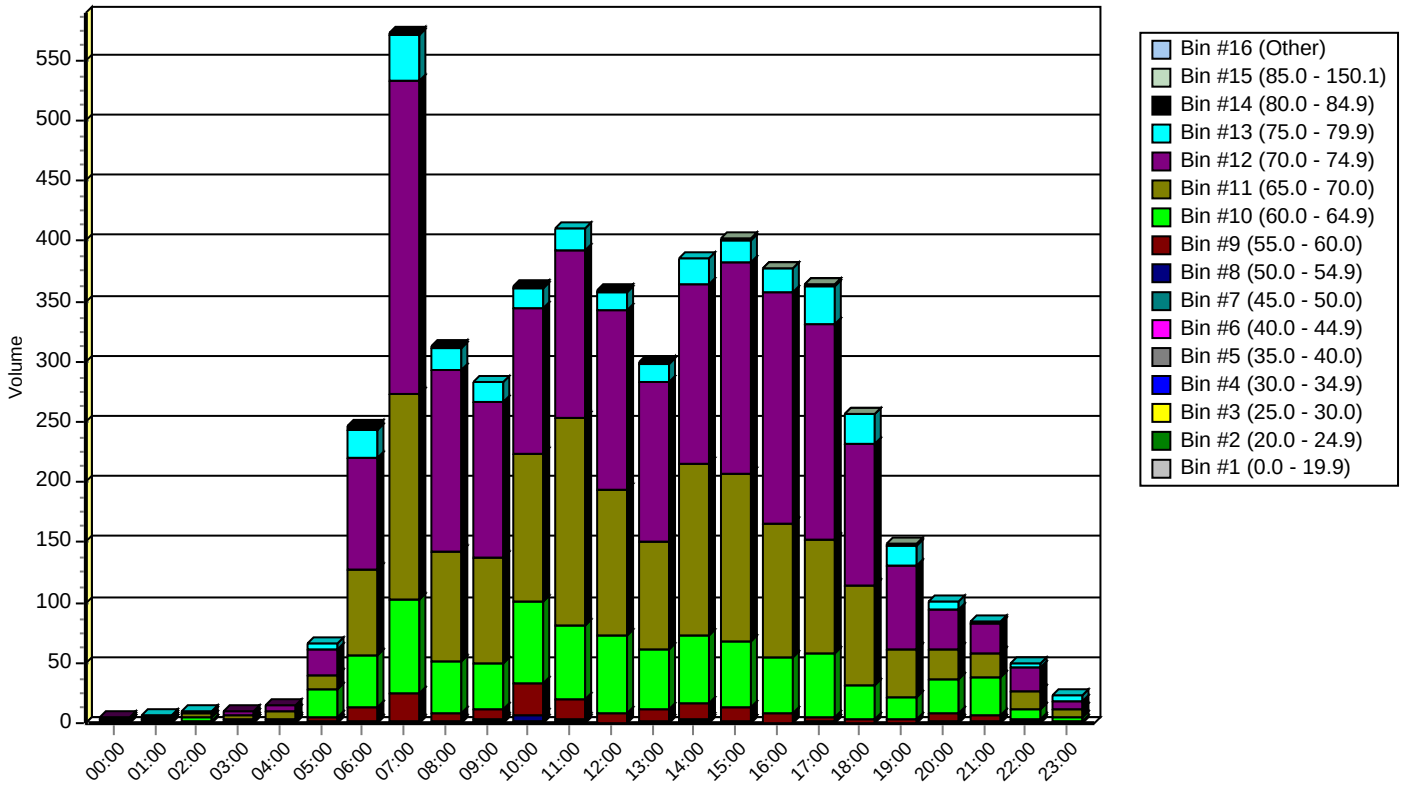
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	8	0	0	0	0	0	3	22	185	802	1626	2175	317	10	5	0	5153
		8	0	0	0	0	0	3	22	185	802	1626	2175	317	10	5	0	5153
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	4%	16%	32%	42%	6%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	4%	16%	32%	42%	6%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	1	3	6	8	1	0	0	0	19
		0	0	0	0	0	0	0	0	1	3	6	8	1	0	0	0	19
Days & ADT :	#1.	2.8	1779															
		2.8	1779															
Avg,50,67,85%:	#1.	69.0	69.8	72.0	74.0	65.0	- 74.9	74%										
		69.0	69.8	72.0	74.0	65.0	- 74.9	74%										

2P0000156 Speed Class Charts For Data From: 10:45 - 04/11/2011 To: 08:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0000156

Station ID : 4D0000156
Info Line 1 : EB 434 DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 4D0000156.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14608
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.			Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 11:15 - 04/11/2011 To: 08:14 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	11:15	0	19	23	0	2	0	0	2	13	0	0	0	0	0	59
Mon	11:30	0	15	21	0	0	0	0	0	13	0	0	0	3	0	52
	11:45	0	19	16	0	0	1	0	1	9	0	0	0	1	0	47
	12:00	0	26	14	0	0	0	0	0	11	1	0	0	0	1	53
	12:15	0	15	11	0	1	0	0	0	11	0	0	0	1	1	40
	12:30	0	21	17	0	0	0	0	0	14	1	0	0	1	0	54
	12:45	1	16	8	0	0	0	0	1	8	0	0	0	0	0	34
	13:00	0	18	18	0	0	0	0	1	8	1	0	0	0	1	47
	13:15	0	16	14	0	1	0	0	1	10	1	0	0	0	0	43
	13:30	0	25	14	2	1	1	0	1	7	2	0	0	1	0	54
	13:45	2	23	18	1	0	1	0	3	10	0	0	0	0	0	58
	14:00	1	23	11	1	0	0	0	0	9	0	0	0	0	0	45
	14:15	0	17	19	0	0	0	0	0	13	2	0	0	0	0	51
	14:30	2	19	23	0	0	0	0	0	10	0	0	0	1	3	58
	14:45	0	15	16	0	0	0	0	0	8	0	0	0	0	0	39
	15:00	1	14	16	0	0	0	0	1	7	0	0	0	0	0	39
	15:15	0	22	7	2	0	0	0	0	12	1	0	0	0	0	44
	15:30	0	18	14	0	0	0	0	3	6	0	0	0	0	0	41
	15:45	1	24	14	1	0	0	0	0	9	0	0	0	2	0	51
	16:00	0	17	6	0	0	0	0	0	6	0	0	0	2	1	32
	16:15	0	28	9	0	0	1	0	0	10	0	0	0	2	0	50
	16:30	1	22	12	1	1	0	0	0	8	0	0	0	0	0	45
	16:45	1	19	17	1	0	0	0	0	5	0	1	0	0	0	44
	17:00	0	23	11	1	0	0	0	0	10	1	0	0	0	0	46
	17:15	1	24	9	0	0	0	0	1	5	0	0	0	0	0	40
	17:30	1	31	9	1	0	0	0	0	4	0	0	0	2	0	48
	17:45	0	21	19	0	2	0	0	1	4	0	0	0	0	0	47
	18:00	1	13	13	0	0	2	0	1	5	3	0	0	0	0	38
	18:15	1	19	14	0	0	0	0	0	2	0	0	0	1	0	37
	18:30	0	18	13	1	0	0	0	2	6	0	0	1	0	0	41
	18:45	0	12	10	1	0	0	0	0	5	0	1	0	1	0	30
	19:00	0	12	6	0	0	0	0	1	9	0	0	0	1	0	29
	19:15	1	10	2	0	1	0	0	0	5	0	0	0	0	0	19
	19:30	0	16	4	0	1	0	0	0	3	0	1	0	3	0	28

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	19:45	0	9	3	0	1	0	0	0	3	1	0	0	3	0	20
Mon	20:00	0	11	4	0	0	0	0	1	1	0	0	0	3	0	20
	20:15	1	6	14	0	0	0	0	0	6	0	0	3	1	0	31
	20:30	0	13	8	0	0	0	0	0	4	0	0	1	0	0	26
	20:45	0	9	10	0	1	0	0	0	3	1	1	0	4	0	29
	21:00	0	4	9	0	0	1	0	0	2	0	2	1	4	0	23
	21:15	0	12	5	1	0	0	0	1	4	1	0	2	3	1	30
	21:30	0	6	6	0	0	0	0	1	4	0	0	0	0	0	17
	21:45	0	10	3	0	0	0	0	0	2	0	0	2	0	0	17
	22:00	0	8	2	1	0	0	0	2	4	0	0	4	1	0	22
	22:15	0	3	3	0	0	0	0	0	6	0	0	0	0	0	12
	22:30	0	9	1	0	0	0	0	0	2	0	0	0	1	1	14
	22:45	0	5	1	0	0	0	0	0	1	0	1	0	0	0	8
	23:00	0	3	5	0	0	0	0	0	4	0	0	0	2	0	14
	23:15	0	2	0	0	0	0	0	1	1	0	0	0	1	0	5
	23:30	0	3	2	0	0	0	0	0	2	0	0	0	0	0	7
	23:45	0	3	2	1	1	0	0	0	2	0	0	0	0	0	9
Daily Total :		16	766	526	16	13	7	0	26	326	16	7	14	45	9	1787
	Percent :	1%	43%	29%	1%	1%	0%	0%	1%	18%	1%	0%	1%	3%	1%	
	Average :	0	15	10	0	0	0	0	1	6	0	0	0	1	0	33

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	1	1	0	1	0	0	1	4	0	0	0	0	0	8
Tue	00:15	0	3	3	0	1	0	0	0	4	0	0	0	0	0	11
	00:30	0	2	1	0	0	0	0	0	1	0	0	1	2	0	7
	00:45	0	3	3	0	0	0	0	0	2	0	0	0	1	0	9
	01:00	0	0	1	0	0	0	0	0	3	0	0	0	1	0	5
	01:15	0	1	0	0	0	0	0	1	1	0	0	0	0	0	3
	01:30	0	0	2	0	0	0	0	0	1	0	0	0	1	0	4
	01:45	0	1	0	0	0	0	0	0	3	0	0	0	1	0	5
	02:00	0	2	2	0	0	0	0	1	2	0	0	0	0	0	7
	02:15	0	1	3	0	0	0	0	0	7	0	0	1	3	0	15
	02:30	0	2	0	0	0	0	0	1	1	0	0	1	0	0	5
	02:45	0	1	0	2	0	0	0	0	1	0	0	0	1	0	5
	03:00	0	0	1	0	0	0	0	0	2	0	0	0	0	0	3
	03:15	0	0	1	0	0	0	0	1	3	0	0	0	0	0	5
	03:30	0	2	1	0	0	0	0	0	2	0	0	0	0	0	5
	03:45	0	0	2	0	0	0	0	0	2	0	0	0	2	0	6
	04:00	0	6	3	0	1	0	0	0	3	0	0	0	1	0	14
	04:15	0	4	3	0	0	0	0	0	1	0	0	0	0	0	8
	04:30	0	4	3	0	0	0	0	1	2	1	0	0	0	0	11
	04:45	0	2	6	2	1	0	0	0	4	0	0	0	1	0	16
	05:00	0	0	3	3	0	0	0	0	4	0	0	0	0	0	10
	05:15	0	7	5	0	0	0	0	1	2	0	0	0	0	1	16
	05:30	0	4	6	1	0	0	0	0	4	0	0	0	4	0	19
	05:45	0	4	5	1	0	0	0	0	1	0	0	0	2	0	13
	06:00	0	6	4	0	0	0	0	1	3	0	0	0	1	0	15
	06:15	0	7	7	0	0	0	0	0	7	0	0	0	2	0	23
	06:30	0	7	8	1	0	0	0	0	8	0	0	0	0	0	24
	06:45	1	3	10	0	2	0	0	0	8	0	0	0	1	1	26
	07:00	0	14	4	0	2	0	0	0	6	2	0	0	0	0	28
	07:15	1	16	8	1	0	0	0	0	8	0	0	0	2	2	38
	07:30	0	12	18	1	3	0	0	3	4	0	0	0	0	0	41
	07:45	0	16	17	1	2	0	0	1	6	2	0	0	0	1	46
	08:00	0	17	11	0	2	0	0	2	17	3	0	0	1	1	54
	08:15	0	12	16	1	1	0	0	1	6	1	0	0	0	0	38
	08:30	0	13	10	1	1	0	0	0	14	0	0	0	2	0	41
	08:45	0	12	12	0	1	1	0	1	13	0	0	0	0	0	40
	09:00	0	13	18	0	1	1	0	1	10	0	0	0	0	0	44
	09:15	1	16	15	0	0	1	0	1	9	1	0	1	3	1	49
	09:30	0	11	10	0	0	0	0	4	9	0	0	0	3	0	37
	09:45	0	8	12	2	3	0	0	3	10	1	0	0	1	1	41
	10:00	0	10	12	0	2	0	0	1	9	0	0	0	0	1	35
	10:15	0	8	6	0	2	0	0	1	6	0	0	0	0	0	23
	10:30	0	9	15	1	0	1	0	1	8	1	0	0	1	0	37
	10:45	0	12	14	0	0	0	0	2	15	1	0	0	1	0	45
	11:00	0	9	8	0	1	2	0	0	7	1	0	0	0	0	28
	11:15	0	9	18	0	0	0	0	0	11	1	0	0	0	0	39
	11:30	0	9	16	0	2	1	0	1	12	1	0	0	2	0	44
	11:45	0	16	11	0	1	1	0	1	8	0	0	0	1	0	39
	12:00	0	12	16	0	1	0	0	3	8	0	0	0	1	1	42
	12:15	0	9	12	0	0	0	1	1	4	2	0	0	0	1	30

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	14	14	0	1	0	0	1	3	1	0	0	0	0	34
Tue	12:45	0	16	14	0	4	0	0	1	10	2	0	0	1	1	49
	13:00	0	9	3	0	0	1	0	0	3	0	0	1	2	0	19
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15:00	0	4	9	0	1	0	0	0	5	0	0	0	0	0	19
	15:15	2	19	21	1	2	1	0	0	12	3	1	0	0	0	62
	15:30	0	21	7	0	0	0	0	5	7	1	0	0	0	0	41
	15:45	0	18	16	0	1	0	0	2	9	1	0	0	1	0	48
	16:00	2	16	11	1	0	0	1	1	10	0	0	0	0	0	42
	16:15	0	16	13	0	0	1	2	0	5	3	0	0	0	0	40
	16:30	0	18	17	1	1	0	0	0	9	0	0	0	0	0	46
	16:45	1	19	13	0	1	0	0	0	5	0	0	0	0	0	39
	17:00	0	27	12	1	0	0	1	0	7	1	0	0	3	0	52
	17:15	0	22	18	0	0	0	0	1	9	0	0	0	1	0	51
	17:30	0	26	10	0	1	0	0	1	8	0	0	0	0	0	46
	17:45	0	24	10	0	1	0	0	0	7	1	0	0	1	0	44
	18:00	0	17	15	1	0	0	0	0	3	2	0	0	2	0	40
	18:15	0	22	10	0	1	0	0	0	7	1	0	0	0	0	41
	18:30	0	9	9	0	0	0	0	1	13	0	0	1	4	1	38
	18:45	0	22	10	1	0	0	0	0	1	0	0	0	3	0	37
	19:00	0	9	7	0	0	0	0	0	3	1	0	0	1	0	21
	19:15	0	15	8	0	0	0	0	1	6	0	0	0	3	0	33
	19:30	0	18	12	0	0	0	0	1	3	1	0	0	2	0	37
	19:45	0	10	11	0	1	0	0	0	4	0	1	0	4	0	31
	20:00	0	11	9	0	2	0	0	0	8	1	0	1	3	0	35
	20:15	0	13	5	0	0	0	0	2	5	0	0	1	0	1	27
	20:30	0	9	6	0	0	0	0	2	7	0	0	0	1	0	25
	20:45	0	9	10	0	0	0	0	0	5	0	0	3	6	0	33
	21:00	0	8	6	0	1	0	0	1	6	0	0	0	4	0	26
	21:15	0	11	6	0	0	0	0	1	6	0	1	1	1	0	27
	21:30	0	6	5	0	0	0	0	0	2	1	0	0	1	0	15
	21:45	0	6	4	0	0	0	0	1	1	0	0	2	1	1	16
	22:00	0	6	5	0	0	0	0	0	2	0	1	0	0	0	14
	22:15	0	4	3	0	0	0	0	0	5	0	0	0	1	0	13
	22:30	0	2	2	0	0	0	0	0	2	0	0	0	1	0	7
	22:45	0	3	2	0	1	0	0	1	3	0	0	0	2	1	13
	23:00	0	4	4	0	0	0	0	0	1	0	0	0	2	0	11
	23:15	0	7	0	0	0	0	0	0	2	0	0	0	0	0	9
	23:30	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	23:45	0	2	1	0	0	0	0	1	4	0	0	0	0	0	8
Daily Total :		8	830	704	24	50	11	5	60	494	38	4	14	93	16	2351
Percent :		0%	35%	30%	1%	2%	0%	0%	3%	21%	2%	0%	1%	4%	1%	
Average :		0	9	7	0	1	0	0	1	5	0	0	0	1	0	24

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	4	2	1	0	0	0	0	1	0	0	0	1	0	9
Wed	00:15	0	2	0	0	1	0	0	0	1	1	0	0	0	0	5
	00:30	0	0	6	0	0	0	0	0	4	1	0	2	0	0	13
	00:45	0	0	2	0	0	0	0	0	2	0	0	1	0	0	5
	01:00	0	1	1	0	0	0	0	0	2	0	0	0	0	0	4
	01:15	0	0	2	0	0	1	0	0	2	2	0	0	1	0	8
	01:30	0	1	4	1	0	0	0	0	1	0	0	0	0	0	7
	01:45	0	0	1	0	0	0	0	0	1	0	0	0	2	0	4
	02:00	0	1	3	1	0	0	0	0	2	0	0	0	0	0	7
	02:15	0	1	1	0	0	0	0	0	5	0	0	0	1	0	8
	02:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	1	0	0	5	0	0	0	0	1	7
	03:00	0	0	1	1	1	0	0	0	1	0	0	0	1	0	5
	03:15	0	2	0	0	0	0	0	0	2	0	0	0	0	1	5
	03:30	0	0	0	0	0	0	0	0	5	0	0	0	1	0	6
	03:45	0	2	0	0	0	0	0	0	6	1	0	0	0	0	9
	04:00	0	4	2	1	1	0	0	1	3	0	0	0	1	1	14
	04:15	0	3	2	0	0	1	0	1	5	0	0	0	0	0	12
	04:30	0	4	4	2	0	0	0	0	4	0	0	0	0	0	14
	04:45	0	3	3	2	0	0	0	0	5	0	0	0	1	0	14
	05:00	0	2	6	2	0	0	0	0	6	0	0	0	0	0	16
	05:15	0	2	5	0	1	0	0	0	9	0	1	0	0	1	19
	05:30	0	5	2	1	2	0	0	0	3	2	0	0	1	0	16
	05:45	0	6	3	0	2	1	0	1	8	0	0	0	0	0	21
	06:00	0	3	8	0	0	0	0	0	4	0	0	0	1	0	16
	06:15	0	3	5	0	2	0	0	1	4	1	0	0	1	0	17
	06:30	0	10	7	0	0	0	1	0	3	1	0	0	1	0	23
	06:45	0	11	6	0	0	0	0	1	3	1	0	0	1	0	23
	07:00	0	10	11	1	0	0	0	0	6	2	0	1	3	0	34
	07:15	0	6	8	0	1	0	0	2	8	0	0	0	3	1	29
	07:30	0	16	11	0	1	1	1	0	6	0	0	0	0	0	36
	07:45	0	12	17	2	1	0	1	0	11	0	0	0	1	0	45
	08:00	0	13	10	2	0	1	0	0	13	0	0	0	2	0	41
	08:15	0	9	12	0	0	0	1	2	6	0	0	0	1	1	32
	08:30	0	15	16	1	1	0	0	1	9	0	0	0	2	0	45
	08:45	0	10	20	1	0	0	1	1	9	1	0	1	0	0	44
	09:00	0	13	12	0	1	0	0	0	13	0	0	0	1	0	40
	09:15	0	9	18	0	1	0	0	1	13	3	0	0	0	0	45
	09:30	0	13	18	0	0	1	0	3	13	2	0	1	0	0	51
	09:45	0	8	13	0	4	1	0	3	9	0	0	0	2	0	40
	10:00	0	11	7	0	2	1	0	0	13	0	0	0	1	0	35
	10:15	0	17	18	1	0	0	0	2	5	0	0	0	0	0	43
	10:30	0	13	21	0	0	0	0	3	10	1	0	0	3	0	51
	10:45	0	11	15	0	0	0	0	1	12	1	0	0	2	1	43
	11:00	0	16	13	0	0	0	1	1	11	1	0	0	1	1	45
	11:15	0	17	13	1	0	3	1	2	13	0	0	0	2	0	52
	11:30	0	15	15	2	1	0	0	0	12	1	0	0	1	0	47
	11:45	1	12	24	1	1	0	1	1	13	2	0	0	1	0	57
	12:00	0	19	7	1	1	0	2	2	15	2	0	0	0	0	49
	12:15	0	22	17	0	1	0	0	1	10	1	0	0	1	0	53

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	12	11	0	2	0	1	0	9	2	0	0	0	0	37
Wed	12:45	0	21	11	1	0	0	1	1	15	0	0	0	0	0	50
	13:00	2	18	13	0	0	1	0	0	13	1	0	0	2	0	50
	13:15	0	20	21	3	1	0	0	0	10	0	0	0	1	0	56
	13:30	0	16	13	0	0	0	0	0	10	1	0	0	0	0	40
	13:45	0	15	17	1	0	0	0	1	9	1	0	0	1	0	45
	14:00	0	16	14	1	0	0	0	1	7	0	0	0	1	0	40
	14:15	0	22	19	0	0	1	2	0	9	0	0	0	1	0	54
	14:30	0	17	17	0	0	0	0	1	5	0	0	0	1	1	42
	14:45	0	15	19	1	0	1	1	1	10	2	0	0	0	2	52
	15:00	0	17	15	1	0	0	0	1	9	0	0	0	1	0	44
	15:15	0	22	14	0	0	0	0	1	12	0	0	0	1	0	50
	15:30	1	24	21	0	1	2	0	0	2	0	0	0	2	0	53
	15:45	0	15	24	1	0	0	0	1	14	0	0	0	0	0	55
	16:00	0	32	11	0	1	0	0	2	11	0	0	0	0	1	58
	16:15	0	20	13	0	0	0	0	1	5	1	0	1	0	1	42
	16:30	1	14	20	0	0	0	0	0	9	2	0	0	1	0	47
	16:45	0	15	23	1	1	0	0	0	8	1	0	0	0	0	49
	17:00	0	24	22	1	0	0	0	1	8	0	1	0	1	0	58
	17:15	0	22	14	0	1	0	0	0	9	1	0	0	2	0	49
	17:30	0	26	13	0	1	0	0	1	11	2	0	0	2	0	56
	17:45	0	17	20	0	0	0	0	0	11	2	0	0	3	0	53
	18:00	0	21	16	0	0	0	0	2	8	0	0	0	1	0	48
	18:15	0	13	15	0	0	0	0	2	8	0	0	1	1	0	40
	18:30	0	16	13	0	0	0	0	0	8	0	0	0	1	0	38
	18:45	0	14	13	0	0	0	0	1	6	0	0	1	1	1	37
	19:00	0	24	11	0	1	0	0	0	7	2	1	0	0	0	46
	19:15	1	10	3	0	1	0	0	0	7	0	0	1	1	0	24
	19:30	0	8	9	0	0	0	0	1	5	1	0	0	2	0	26
	19:45	0	13	8	0	0	0	0	0	8	1	0	1	5	0	36
	20:00	0	11	9	0	0	0	0	0	4	0	0	0	3	0	27
	20:15	0	11	9	0	0	0	0	0	10	0	0	0	3	1	34
	20:30	0	7	3	0	0	0	0	0	5	0	0	1	4	0	20
	20:45	0	7	5	0	0	0	0	1	6	0	0	0	4	0	23
	21:00	0	12	7	0	0	0	0	0	7	0	1	1	3	0	31
	21:15	0	12	10	1	1	0	0	0	5	1	0	0	0	0	30
	21:30	0	19	8	0	0	0	0	1	2	0	0	1	1	0	32
	21:45	0	6	4	0	0	0	0	1	5	0	0	3	2	0	21
	22:00	0	7	4	0	0	0	0	0	2	0	2	0	0	0	15
	22:15	0	2	7	0	0	0	0	0	4	0	0	1	2	0	16
	22:30	0	3	4	0	0	0	0	0	6	0	0	1	0	0	14
	22:45	0	6	3	0	0	0	0	1	3	1	0	0	3	1	18
	23:00	0	1	4	0	0	0	0	0	4	0	0	0	0	0	9
	23:15	0	4	1	0	0	0	0	1	3	0	0	0	0	0	9
	23:30	0	2	1	0	0	0	0	0	2	0	0	0	0	0	5
	23:45	0	4	3	1	0	0	0	1	0	0	0	0	1	0	10
Daily Total :		6	1010	928	38	37	17	15	56	658	49	6	19	99	16	2954
	Percent :	0%	34%	31%	1%	1%	1%	1%	2%	22%	2%	0%	1%	3%	1%	
	Average :	0	11	10	0	0	0	0	1	7	1	0	0	1	0	31

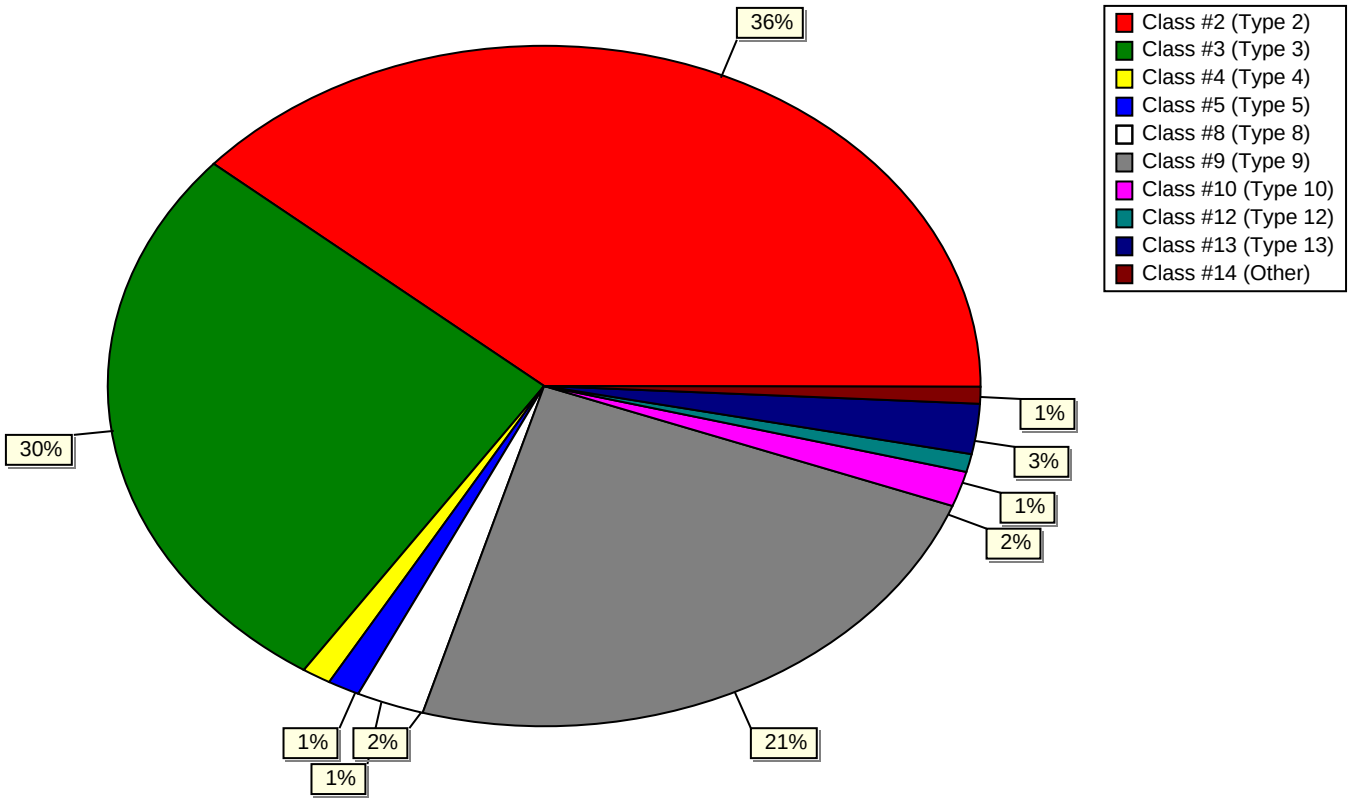
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	4	3	0	1	0	0	0	3	0	0	1	0	1	13
Thu	00:15	0	1	2	0	0	0	0	0	4	0	0	1	1	0	9
	00:30	0	2	1	0	0	0	0	0	2	0	0	0	0	0	5
	00:45	0	0	1	0	0	0	0	1	2	0	0	0	0	0	4
	01:00	0	4	2	0	0	0	0	0	3	0	0	1	1	0	11
	01:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	2	2	1	0	0	0	0	1	0	0	0	3	0	9
	02:00	0	1	2	0	0	0	0	0	4	0	0	0	0	0	7
	02:15	0	1	0	0	0	0	0	0	0	2	0	0	1	0	4
	02:30	0	0	1	0	0	0	0	0	2	0	0	0	0	0	3
	02:45	0	0	2	0	0	0	0	1	1	0	0	0	1	0	5
	03:00	0	1	3	1	0	0	0	1	1	0	0	0	0	0	7
	03:15	0	0	2	0	0	0	0	0	1	0	0	0	2	0	5
	03:30	0	0	2	0	0	0	0	1	3	0	0	0	0	0	6
	03:45	0	1	0	0	0	0	0	0	4	0	0	0	0	0	5
	04:00	0	2	6	0	1	0	0	0	3	0	0	0	0	0	12
	04:15	0	6	2	1	0	0	0	0	5	0	0	0	0	0	14
	04:30	0	1	2	0	0	0	0	0	5	1	0	0	0	0	9
	04:45	0	3	2	2	0	0	0	0	2	0	0	0	0	0	9
	05:00	0	4	4	3	0	0	0	1	2	1	0	0	0	0	15
	05:15	0	2	6	1	0	0	0	1	4	0	0	0	1	0	15
	05:30	0	5	7	0	0	0	0	0	8	1	0	0	0	0	21
	05:45	0	2	6	0	0	0	1	1	5	1	0	0	1	0	17
	06:00	0	7	6	0	0	0	0	1	7	0	0	0	0	0	21
	06:15	0	13	4	0	0	0	0	2	4	0	0	0	0	0	23
	06:30	0	7	7	0	0	0	1	0	4	0	0	0	0	0	19
	06:45	0	5	2	0	0	0	0	0	11	1	0	0	1	0	20
	07:00	0	8	13	0	0	0	0	1	7	1	0	0	0	0	30
	07:15	0	10	7	0	0	0	0	0	6	0	0	0	0	1	24
	07:30	0	14	7	0	2	0	0	0	6	1	0	0	1	1	32
	07:45	0	15	12	1	0	1	0	2	5	1	0	0	1	0	38
Daily Total :		0	122	116	10	4	1	2	13	116	10	0	3	14	3	414
	Percent :	0%	29%	28%	2%	1%	0%	0%	3%	28%	2%	0%	1%	3%	1%	
	Average :	0	4	4	0	0	0	0	0	4	0	0	0	0	0	12

Basic Axle Class Summary: 4D0000156

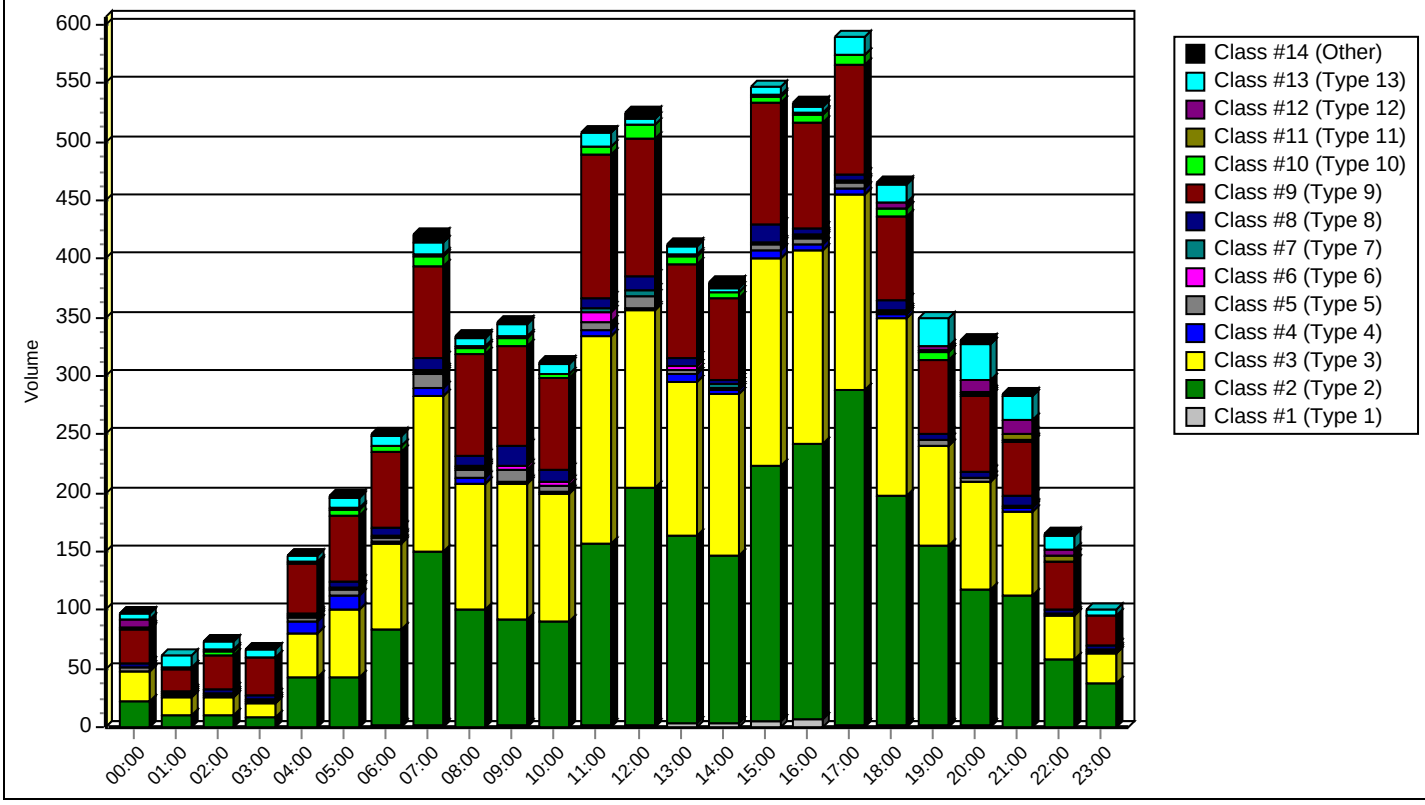
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	30	2728	2274	88	104	36	22	155	1594	113	17	50	251	44	7506
		30	2728	2274	88	104	36	22	155	1594	113	17	50	251	44	7506
Percents :	#1.	0%	36%	30%	1%	1%	0%	0%	2%	21%	2%	0%	1%	3%	1%	100%
		0%	36%	30%	1%	1%	0%	0%	2%	21%	2%	0%	1%	3%	1%	
Average :	#1.	0	10	8	0	0	0	0	1	6	0	0	0	1	0	26
		0	10	8	0	0	0	0	1	6	0	0	0	1	0	26
Days & ADT :	#1.	2.8	2620													
		2.8	2620													

4D0000156 Axle Class Charts For Data From: 11:15 - 04/11/2011 To: 08:14 - 04/14/2011

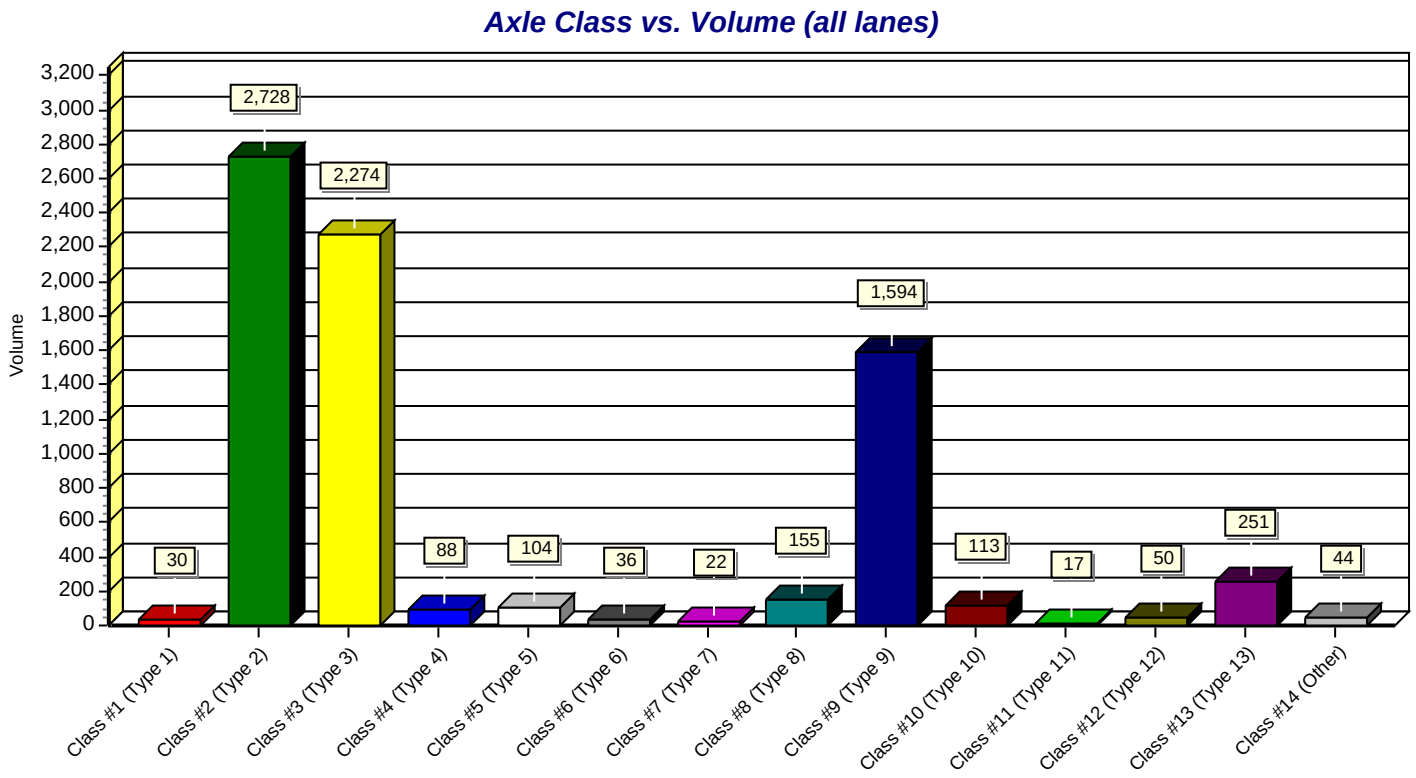
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0000156 Axle Class Charts For Data From: 11:15 - 04/11/2011 To: 08:14 - 04/14/2011



Basic Speed Classification Report: 4D0000156

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.			Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 11:15 - 04/11/2011 To: 08:14 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	11:15	0	0	0	0	0	0	0	0	2	17	16	12	12	0	0	0	59
Mon	11:30	0	0	0	0	0	0	0	0	4	12	16	8	9	3	0	0	52
	11:45	0	0	0	0	0	0	0	0	3	14	12	8	10	0	0	0	47
	12:00	0	0	0	0	0	0	3	1	3	11	12	12	10	0	1	0	53
	12:15	0	0	0	0	0	0	0	1	3	9	12	9	4	2	0	0	40
	12:30	0	0	0	0	0	0	0	0	3	13	12	16	9	1	0	0	54
	12:45	0	0	0	0	0	0	0	0	1	8	8	9	7	1	0	0	34
	13:00	0	0	0	0	0	0	0	0	0	13	13	7	13	1	0	0	47
	13:15	0	0	0	0	0	0	1	0	0	5	11	14	10	2	0	0	43
	13:30	0	0	0	0	0	0	0	0	5	15	14	5	15	0	0	0	54
	13:45	1	0	0	0	0	0	0	0	4	10	15	14	14	0	0	0	58
	14:00	1	0	0	0	0	0	0	0	1	4	18	8	13	0	0	0	45
	14:15	0	0	0	0	0	0	0	1	4	7	18	9	11	1	0	0	51
	14:30	0	0	0	0	0	0	0	1	4	15	14	18	4	2	0	0	58
	14:45	0	0	0	0	0	0	0	1	1	12	6	9	10	0	0	0	39
	15:00	1	0	0	0	0	0	0	0	1	11	9	9	5	3	0	0	39
	15:15	0	0	0	0	0	0	0	1	5	7	17	8	6	0	0	0	44
	15:30	0	0	0	0	0	0	0	1	6	6	9	9	9	1	0	0	41
	15:45	0	0	0	0	0	0	0	0	3	18	9	10	10	1	0	0	51
	16:00	0	0	0	0	0	0	0	0	1	8	5	10	8	0	0	0	32
	16:15	0	0	0	0	0	0	0	1	4	14	13	12	5	1	0	0	50
	16:30	1	0	0	0	0	0	0	1	2	12	16	7	6	0	0	0	45
	16:45	1	0	0	0	0	0	0	0	1	8	14	8	10	1	1	0	44
	17:00	0	0	0	0	0	0	0	1	1	7	17	14	6	0	0	0	46
	17:15	0	1	0	0	0	0	0	0	1	4	11	11	11	1	0	0	40
	17:30	0	0	0	0	0	0	0	0	1	4	13	11	17	2	0	0	48
	17:45	0	0	0	0	0	0	0	0	4	7	14	12	8	2	0	0	47
	18:00	1	0	0	0	0	0	0	1	0	8	11	10	5	1	1	0	38
	18:15	0	0	0	0	0	0	0	0	2	6	7	12	9	1	0	0	37
	18:30	0	0	0	0	0	0	1	0	0	8	10	14	8	0	0	0	41
	18:45	0	0	0	0	0	0	0	0	1	4	7	8	9	1	0	0	30
	19:00	0	0	0	0	0	0	0	1	0	6	9	5	8	0	0	0	29
	19:15	0	0	0	0	0	0	0	0	1	5	5	5	2	1	0	0	19
	19:30	0	0	0	0	0	0	0	0	0	5	8	5	8	2	0	0	28
	19:45	0	0	0	0	0	0	0	0	0	4	5	6	5	0	0	0	20
	20:00	0	0	0	0	0	0	0	0	2	6	4	4	3	0	1	0	20
	20:15	1	0	0	0	0	0	0	0	0	6	8	12	4	0	0	0	31
	20:30	0	0	0	0	0	0	0	1	0	2	6	8	7	2	0	0	26
	20:45	0	0	0	0	0	0	0	0	1	5	10	5	7	1	0	0	29
	21:00	0	0	0	0	0	0	0	0	0	11	2	6	3	1	0	0	23

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	21:15	0	0	0	0	0	0	0	0	0	7	13	5	2	3	0	0	30
Mon	21:30	0	0	0	0	0	0	0	0	0	4	3	5	5	0	0	0	17
	21:45	0	0	0	0	0	0	0	0	0	4	3	5	4	1	0	0	17
	22:00	0	0	0	0	0	0	0	0	1	8	7	4	2	0	0	0	22
	22:15	0	0	0	0	0	0	0	0	0	7	2	2	0	1	0	0	12
	22:30	0	0	0	0	0	0	0	0	1	1	2	1	9	0	0	0	14
	22:45	0	0	0	0	0	0	0	0	0	1	2	1	3	1	0	0	8
	23:00	0	0	0	0	0	0	0	0	2	0	8	2	2	0	0	0	14
	23:15	0	0	0	0	0	0	0	0	1	1	1	0	2	0	0	0	5
	23:30	0	0	0	0	0	0	0	1	0	1	0	4	1	0	0	0	7
	23:45	0	0	0	0	0	0	0	0	0	3	2	3	1	0	0	0	9
Daily Total :		7	1	0	0	0	0	5	14	80	384	479	411	361	41	4	0	1787
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	4%	21%	27%	23%	20%	2%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	2	8	9	8	7	1	0	0	26

Speeds - Average: 69.2 50% : 69.2 67% : 72.8 85% : 77.0 10mph Pace: 65.0 - 74.9 (49.8%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	3	4	0	1	0	0	0	8
Tue	00:15	0	0	0	0	0	0	0	0	0	3	4	1	2	1	0	0	11
	00:30	0	0	0	0	0	0	0	0	1	2	2	0	0	2	0	0	7
	00:45	0	0	0	0	0	0	0	0	0	3	2	2	1	1	0	0	9
	01:00	0	0	0	0	0	0	0	0	0	3	1	0	1	0	0	0	5
	01:15	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
	01:30	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	4
	01:45	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	5
	02:00	0	0	0	0	0	0	0	0	0	2	1	2	1	0	1	0	7
	02:15	0	0	0	0	0	0	0	0	0	4	7	2	1	0	1	0	15
	02:30	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	5
	02:45	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	5
	03:00	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	3
	03:15	0	0	0	0	0	0	0	0	0	1	3	0	0	1	0	0	5
	03:30	0	0	0	0	0	0	0	0	1	0	2	0	1	1	0	0	5
	03:45	0	0	0	0	0	0	0	0	0	2	1	1	0	2	0	0	6
	04:00	0	0	0	0	0	0	0	0	1	1	3	3	3	3	0	0	14
	04:15	0	0	0	0	0	0	0	0	0	0	1	2	3	2	0	0	8
	04:30	0	0	0	0	0	0	0	0	1	2	4	1	1	2	0	0	11
	04:45	0	0	0	0	0	0	0	0	2	5	2	1	5	1	0	0	16
	05:00	0	0	0	0	0	0	0	0	0	1	5	2	2	0	0	0	10
	05:15	0	0	0	0	0	0	0	0	0	3	4	1	6	2	0	0	16
	05:30	0	0	0	0	0	0	0	0	0	2	8	1	7	1	0	0	19
	05:45	0	0	0	0	0	0	0	0	0	2	4	3	3	1	0	0	13
	06:00	0	0	0	0	0	0	0	0	0	1	6	3	2	3	0	0	15
	06:15	0	0	0	0	0	0	0	0	0	7	6	6	4	0	0	0	23
	06:30	0	0	0	0	0	0	0	0	0	4	8	7	4	1	0	0	24
	06:45	1	0	0	0	0	0	0	0	1	6	7	5	4	2	0	0	26
	07:00	0	0	0	0	0	0	0	0	0	3	7	8	9	0	1	0	28
	07:15	0	0	0	0	0	0	0	0	0	10	10	6	9	3	0	0	38
	07:30	0	0	0	0	0	0	0	0	1	7	8	12	11	2	0	0	41
	07:45	0	0	0	0	0	0	0	0	0	9	13	10	9	5	0	0	46
	08:00	0	0	0	0	0	0	0	0	4	9	22	8	10	0	1	0	54
	08:15	0	0	0	0	0	0	0	0	0	7	10	7	9	5	0	0	38
	08:30	0	0	0	0	0	0	0	0	2	6	17	11	3	2	0	0	41
	08:45	0	0	0	0	0	0	0	0	0	7	12	8	10	2	1	0	40
	09:00	0	0	0	0	0	0	0	0	3	8	13	11	8	1	0	0	44
	09:15	0	0	0	0	0	0	0	0	3	8	15	13	9	1	0	0	49
	09:30	0	0	0	0	0	0	0	0	1	11	8	7	10	0	0	0	37
	09:45	0	0	0	0	0	0	0	0	1	4	16	13	7	0	0	0	41
	10:00	0	0	0	0	0	0	0	1	2	5	14	7	6	0	0	0	35
	10:15	0	0	0	0	0	0	0	0	0	1	11	5	6	0	0	0	23
	10:30	0	0	0	0	0	0	1	0	1	7	12	8	8	0	0	0	37
	10:45	0	0	0	0	0	0	0	0	4	13	15	8	4	1	0	0	45
	11:00	0	0	0	0	0	0	0	0	1	4	8	8	6	1	0	0	28
	11:15	0	0	0	0	0	0	0	0	1	4	18	9	7	0	0	0	39
	11:30	0	0	0	0	0	0	0	0	4	5	19	8	8	0	0	0	44
	11:45	0	0	0	0	0	0	0	0	2	8	10	6	12	1	0	0	39
	12:00	0	0	0	0	0	0	0	0	3	10	11	9	8	1	0	0	42
	12:15	0	0	0	0	0	0	0	1	3	5	11	5	3	2	0	0	30

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	9	8	11	5	1	0	0	34
Tue	12:45	0	0	0	0	0	0	0	0	3	10	11	12	10	3	0	0	49
	13:00	0	0	0	0	0	0	0	0	1	0	7	3	3	4	1	0	19
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15:00	0	0	0	0	0	0	0	0	0	3	9	2	5	0	0	0	19
	15:15	0	0	0	0	0	0	0	0	2	9	22	17	11	1	0	0	62
	15:30	0	0	0	0	0	0	0	1	0	4	14	8	11	3	0	0	41
	15:45	0	0	0	0	0	0	0	0	1	5	14	12	13	2	1	0	48
	16:00	0	0	0	0	0	0	0	0	2	7	11	16	6	0	0	0	42
	16:15	0	0	0	0	0	0	0	0	0	9	10	10	9	2	0	0	40
	16:30	0	0	0	0	0	0	0	0	1	3	11	15	16	0	0	0	46
	16:45	0	0	0	0	0	0	0	0	2	3	7	14	10	3	0	0	39
	17:00	0	0	0	0	0	0	0	0	1	9	19	8	11	4	0	0	52
	17:15	0	0	0	0	0	0	0	0	1	5	22	7	12	4	0	0	51
	17:30	0	0	0	0	0	0	0	0	1	2	12	12	12	6	1	0	46
	17:45	0	0	0	0	0	0	0	0	0	12	14	5	10	3	0	0	44
	18:00	0	0	0	0	0	0	0	0	1	3	7	13	12	4	0	0	40
	18:15	0	0	0	0	0	0	0	1	1	2	12	13	11	1	0	0	41
	18:30	0	0	0	0	0	0	0	0	1	7	15	7	6	2	0	0	38
	18:45	0	0	0	0	0	0	0	0	0	6	7	11	10	2	1	0	37
	19:00	0	0	0	0	0	0	0	0	0	2	5	6	6	2	0	0	21
	19:15	0	0	0	0	0	0	0	0	0	5	10	3	12	3	0	0	33
	19:30	0	0	0	0	0	0	0	0	0	4	9	9	11	4	0	0	37
	19:45	0	0	0	0	0	0	0	0	1	2	10	5	8	4	1	0	31
	20:00	0	0	0	0	0	0	0	0	1	7	8	7	6	6	0	0	35
	20:15	0	0	0	0	0	0	0	0	0	4	6	5	10	2	0	0	27
	20:30	0	0	0	0	0	0	0	0	1	6	7	3	5	3	0	0	25
	20:45	0	0	0	0	0	0	0	1	1	4	11	8	8	0	0	0	33
	21:00	0	0	0	0	0	0	0	0	0	8	6	4	4	4	0	0	26
	21:15	0	0	0	0	0	0	0	0	0	8	6	3	6	4	0	0	27
	21:30	0	0	0	0	0	0	0	0	1	0	4	4	4	2	0	0	15
	21:45	0	0	0	0	0	0	0	0	0	2	6	3	3	2	0	0	16
	22:00	0	0	0	0	0	0	0	0	0	1	8	1	2	2	0	0	14
	22:15	0	0	0	0	0	0	0	0	0	2	5	1	4	1	0	0	13
	22:30	0	0	0	0	0	0	0	0	0	2	3	0	1	0	1	0	7
	22:45	0	0	0	0	0	0	0	0	2	4	3	2	1	0	1	0	13
	23:00	0	0	0	0	0	0	0	0	1	2	4	1	2	1	0	0	11
	23:15	0	0	0	0	0	0	0	0	0	2	2	2	2	1	0	0	9
	23:30	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	5
	23:45	0	0	0	0	0	0	0	0	1	0	5	0	2	0	0	0	8

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	0	0	0	0	1	5	74	386	723	499	509	141	12	0	2351
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	3%	16%	31%	21%	22%	6%	1%	0%	
Average :		0	0	0	0	0	0	0	0	1	4	8	5	5	1	0	0	35

Speeds - Average: 70.6 50% : 70.0 67% : 73.8 85% : 78.0 10mph Pace: 65.0 - 74.9 (52.0%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	2	3	1	2	1	0	0	9
Wed	00:15	0	0	0	0	0	0	0	0	0	1	0	1	2	1	0	0	5
	00:30	0	0	0	0	0	0	0	0	0	0	7	0	3	3	0	0	13
	00:45	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
	01:00	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	4
	01:15	0	0	0	0	0	0	0	0	0	0	4	2	1	1	0	0	8
	01:30	0	0	0	0	0	0	0	0	0	1	2	1	2	0	1	0	7
	01:45	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	4
	02:00	0	0	0	0	0	0	0	0	0	1	2	1	3	0	0	0	7
	02:15	0	0	0	0	0	0	0	0	0	2	4	2	0	0	0	0	8
	02:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	7
	03:00	0	0	0	0	0	0	0	0	0	2	2	0	0	1	0	0	5
	03:15	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	5
	03:30	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	0	6
	03:45	0	0	0	0	0	0	0	0	1	0	5	1	2	0	0	0	9
	04:00	0	0	0	0	0	0	0	0	1	3	4	1	4	1	0	0	14
	04:15	0	0	0	0	0	0	0	0	0	1	6	1	2	2	0	0	12
	04:30	0	0	0	0	0	0	0	0	0	2	4	0	3	4	1	0	14
	04:45	0	0	0	0	0	0	0	0	0	5	5	2	2	0	0	0	14
	05:00	0	0	0	0	0	0	0	1	0	5	7	3	0	0	0	0	16
	05:15	0	0	0	0	0	0	0	0	0	1	12	0	3	2	1	0	19
	05:30	0	0	0	0	0	0	0	1	1	0	6	3	4	1	0	0	16
	05:45	0	0	0	0	0	0	0	0	0	1	14	2	3	1	0	0	21
	06:00	0	0	0	0	0	0	0	0	1	3	8	2	2	0	0	0	16
	06:15	0	0	0	0	0	0	0	0	1	5	4	4	2	1	0	0	17
	06:30	0	0	0	0	0	0	0	0	0	4	4	4	9	2	0	0	23
	06:45	0	0	0	0	0	0	0	0	1	1	6	3	8	4	0	0	23
	07:00	0	0	0	0	0	0	0	0	0	3	10	9	6	6	0	0	34
	07:15	0	0	0	0	0	0	0	0	0	5	11	4	3	5	1	0	29
	07:30	0	0	0	0	0	0	0	0	1	3	7	6	8	11	0	0	36
	07:45	0	0	0	0	0	0	0	0	0	10	8	12	14	1	0	0	45
	08:00	0	0	0	0	0	0	0	0	0	8	10	7	14	2	0	0	41
	08:15	0	0	0	0	0	0	0	0	2	3	11	5	6	5	0	0	32
	08:30	0	0	0	0	0	0	0	0	0	7	15	5	15	2	1	0	45
	08:45	0	0	0	0	0	0	0	0	1	4	17	9	11	2	0	0	44
	09:00	0	0	0	0	0	0	0	1	1	5	15	3	11	4	0	0	40
	09:15	0	0	0	0	0	0	0	0	1	8	14	6	11	5	0	0	45
	09:30	0	0	0	0	0	0	0	0	1	9	12	14	12	2	1	0	51
	09:45	0	0	0	0	0	0	0	0	1	7	9	9	11	3	0	0	40
	10:00	0	0	0	0	0	0	0	0	0	3	18	5	8	1	0	0	35
	10:15	1	0	0	0	0	0	0	1	1	1	13	7	16	3	0	0	43
	10:30	0	0	0	0	0	0	0	0	1	9	17	6	12	6	0	0	51
	10:45	0	0	0	0	0	0	0	0	0	5	17	10	9	2	0	0	43
	11:00	0	0	0	0	0	0	0	0	0	6	12	9	12	6	0	0	45
	11:15	0	0	0	0	0	0	0	0	4	11	13	12	9	2	1	0	52
	11:30	0	0	0	0	0	0	0	1	1	4	17	12	10	2	0	0	47
	11:45	0	0	0	0	0	0	0	1	4	11	21	9	10	1	0	0	57
	12:00	0	0	0	0	0	0	0	0	0	9	12	16	11	1	0	0	49
	12:15	0	0	0	0	0	0	0	0	3	6	14	7	19	4	0	0	53

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	1	9	10	5	8	4	0	0	37
Wed	12:45	0	0	0	0	0	0	0	0	1	9	17	9	11	3	0	0	50
	13:00	0	0	0	0	0	0	0	0	1	11	16	10	10	2	0	0	50
	13:15	0	0	0	0	0	0	0	0	0	16	9	21	8	2	0	0	56
	13:30	0	0	0	0	0	0	0	0	1	9	8	8	9	5	0	0	40
	13:45	0	0	0	0	0	0	0	0	0	11	6	9	17	2	0	0	45
	14:00	0	0	0	0	0	0	0	0	0	9	11	11	7	2	0	0	40
	14:15	0	0	0	0	0	0	0	0	2	10	12	13	15	2	0	0	54
	14:30	0	0	0	0	0	0	0	0	1	6	9	9	14	3	0	0	42
	14:45	0	0	0	0	0	0	0	0	1	14	17	5	12	2	1	0	52
	15:00	0	0	0	0	0	0	0	0	1	10	12	10	10	1	0	0	44
	15:15	0	0	0	0	0	0	0	0	1	7	17	12	13	0	0	0	50
	15:30	0	0	0	0	0	0	0	0	2	5	14	14	14	4	0	0	53
	15:45	0	0	0	0	0	0	0	0	0	9	16	22	6	2	0	0	55
	16:00	0	0	0	0	0	0	0	0	1	5	17	14	16	5	0	0	58
	16:15	0	0	0	0	0	0	0	0	0	4	12	13	11	2	0	0	42
	16:30	0	0	0	0	0	0	0	0	1	6	11	9	19	1	0	0	47
	16:45	0	0	0	0	0	0	0	0	2	7	15	17	5	3	0	0	49
	17:00	0	0	0	0	0	0	0	0	2	7	15	18	15	1	0	0	58
	17:15	0	0	0	0	0	0	0	0	1	6	14	14	10	3	1	0	49
	17:30	0	0	0	0	0	0	0	0	2	8	21	13	10	1	1	0	56
	17:45	0	0	0	0	0	0	0	1	1	5	19	10	15	2	0	0	53
	18:00	0	0	0	0	0	0	0	0	1	4	14	12	16	1	0	0	48
	18:15	0	0	0	0	0	0	0	0	0	5	14	12	8	1	0	0	40
	18:30	0	0	0	0	0	0	0	0	0	4	10	10	9	5	0	0	38
	18:45	0	0	0	0	0	0	0	0	2	5	8	7	14	1	0	0	37
	19:00	0	0	0	0	0	0	0	0	1	10	11	12	9	3	0	0	46
	19:15	0	0	0	0	0	0	0	0	0	6	5	6	7	0	0	0	24
	19:30	0	0	0	0	0	0	0	0	0	3	7	8	7	1	0	0	26
	19:45	0	0	0	0	0	0	0	0	0	11	8	7	8	2	0	0	36
	20:00	0	1	0	0	0	0	0	0	0	4	6	4	11	1	0	0	27
	20:15	0	0	0	0	0	0	0	0	1	8	6	11	6	1	1	0	34
	20:30	0	0	0	0	0	0	0	0	1	5	6	1	5	2	0	0	20
	20:45	0	0	0	0	0	0	0	0	1	4	8	1	7	2	0	0	23
	21:00	0	0	0	0	0	0	0	0	0	9	6	9	5	2	0	0	31
	21:15	0	0	0	0	0	0	0	1	1	5	7	4	9	3	0	0	30
	21:30	0	0	0	0	0	0	0	0	1	6	6	5	11	3	0	0	32
	21:45	0	0	0	0	0	0	0	0	1	7	7	0	6	0	0	0	21
	22:00	0	0	0	0	0	0	0	0	0	3	6	1	3	2	0	0	15
	22:15	0	0	0	0	0	0	0	0	1	4	6	3	1	1	0	0	16
	22:30	0	0	0	0	0	0	0	0	1	3	5	1	4	0	0	0	14
	22:45	0	0	0	0	0	0	0	0	3	2	5	5	2	1	0	0	18
	23:00	0	0	0	0	0	0	1	0	1	1	4	2	0	0	0	0	9
	23:15	0	0	0	0	0	0	0	0	0	0	3	3	2	1	0	0	9
	23:30	0	0	0	0	0	0	0	0	0	0	2	0	3	0	0	0	5
	23:45	0	0	0	0	0	0	0	0	0	1	2	3	2	2	0	0	10

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	1	0	0	0	0	1	8	68	478	878	612	707	188	12	0	2954
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	2%	16%	30%	21%	24%	6%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	1	5	9	6	7	2	0	0	24

Speeds - Average: 70.9 50% : 70.5 67% : 74.4 85% : 78.3 10mph Pace: 65.0 - 74.9 (50.4%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	1	3	5	1	3	0	0	0	13
Thu	00:15	0	0	0	0	0	0	0	0	0	4	2	2	1	0	0	0	9
	00:30	0	0	0	0	0	0	0	0	0	0	1	3	0	1	0	0	5
	00:45	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	4
	01:00	0	0	0	0	0	0	0	0	0	1	5	1	3	1	0	0	11
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	2	0	5	1	1	0	0	0	9
	02:00	0	0	0	0	0	0	0	0	0	1	3	1	1	1	0	0	7
	02:15	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	02:30	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
	02:45	0	0	0	0	0	0	0	0	1	1	1	0	2	0	0	0	5
	03:00	0	0	0	0	0	0	0	0	1	3	0	1	2	0	0	0	7
	03:15	0	0	0	0	0	0	0	0	2	0	1	1	0	1	0	0	5
	03:30	0	0	0	0	0	0	0	0	0	0	4	0	2	0	0	0	6
	03:45	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
	04:00	0	0	0	0	0	0	0	1	1	4	3	1	1	1	0	0	12
	04:15	0	0	0	0	0	0	0	0	0	5	3	4	2	0	0	0	14
	04:30	0	0	0	0	0	0	0	0	1	2	5	0	1	0	0	0	9
	04:45	0	0	0	0	0	0	0	0	1	3	4	0	1	0	0	0	9
	05:00	0	0	0	0	0	0	0	0	0	3	5	1	4	1	1	0	15
	05:15	0	0	0	0	0	0	0	0	2	3	3	4	3	0	0	0	15
	05:30	0	0	0	0	0	0	0	0	2	5	6	0	6	1	1	0	21
	05:45	0	0	0	0	0	0	1	1	1	7	3	2	2	0	0	0	17
	06:00	0	0	0	0	0	0	0	0	1	7	5	3	2	3	0	0	21
	06:15	0	0	0	0	0	0	0	0	0	7	2	10	3	1	0	0	23
	06:30	0	0	0	0	0	0	0	0	0	1	7	4	6	1	0	0	19
	06:45	0	0	0	0	0	0	0	0	0	6	9	2	3	0	0	0	20
	07:00	0	0	0	0	0	0	0	0	0	2	12	7	5	4	0	0	30
	07:15	0	0	0	0	0	0	0	1	0	5	5	9	4	0	0	0	24
	07:30	0	0	0	0	0	0	0	0	1	6	6	6	10	3	0	0	32
	07:45	0	0	0	0	0	0	0	0	2	4	12	7	11	2	0	0	38
Daily Total :		0	0	0	0	0	0	1	3	20	92	124	71	80	21	2	0	414
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	5%	22%	30%	17%	19%	5%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	1	3	4	2	3	1	0	0	30

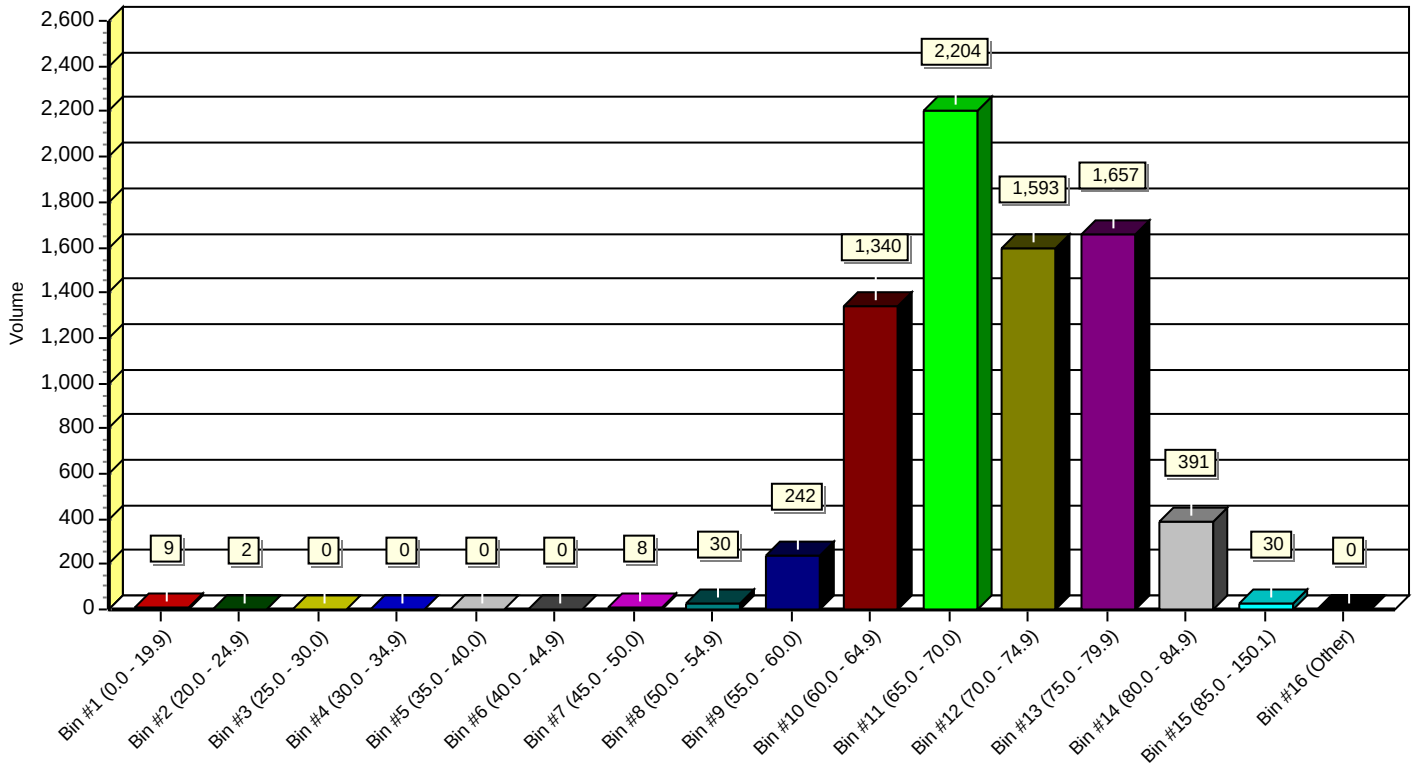
Speeds - Average: 69.5 50% : 68.4 67% : 72.6 85% : 77.5 10mph Pace: 60.1 - 70.0 (52.2%)

Basic Speed Class Summary: 4D0000156

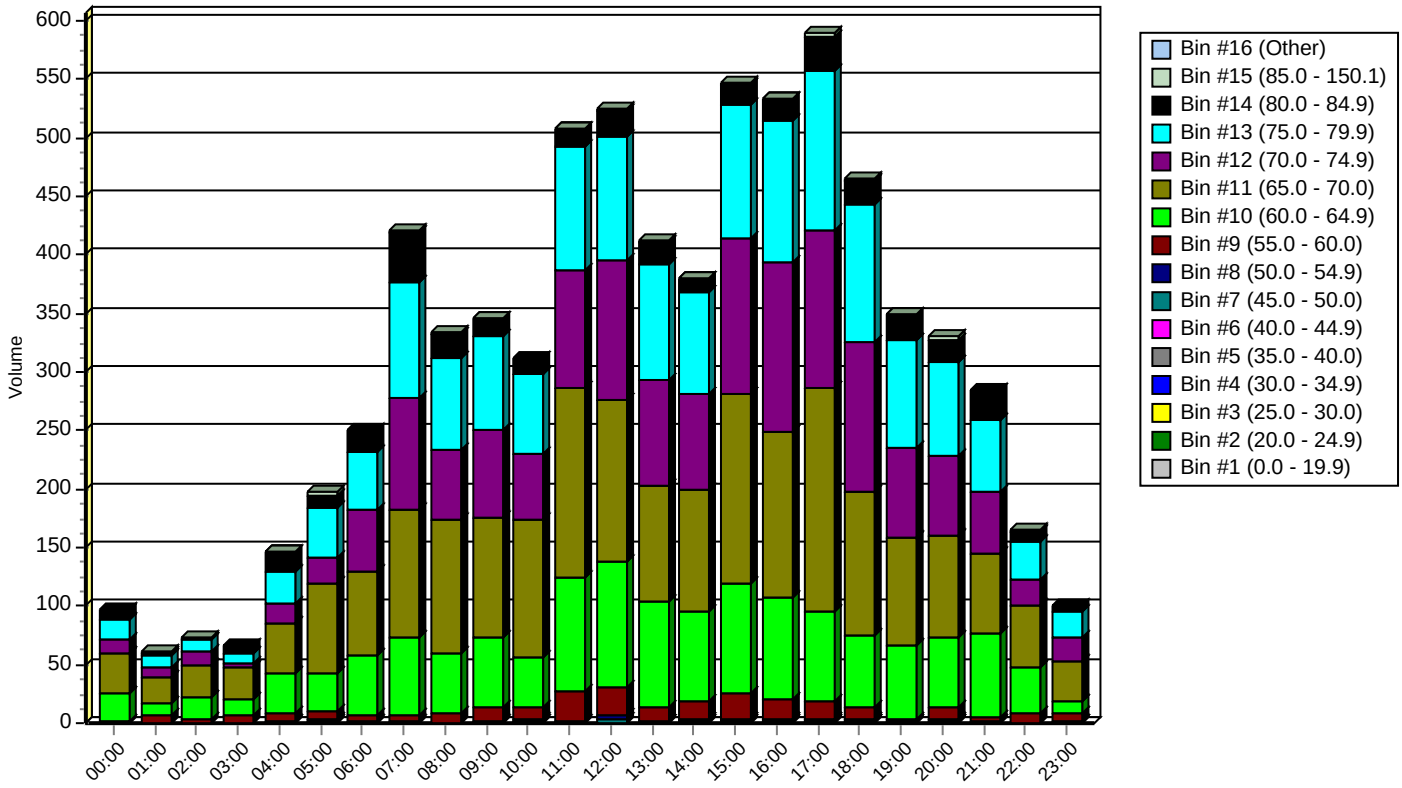
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	9	2	0	0	0	0	8	30	242	1340	2204	1593	1657	391	30	0	7506
		9	2	0	0	0	0	8	30	242	1340	2204	1593	1657	391	30	0	7506
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	3%	18%	29%	21%	22%	5%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	3%	18%	29%	21%	22%	5%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	1	5	8	6	6	1	0	0	27
		0	0	0	0	0	0	0	0	1	5	8	6	6	1	0	0	27
Days & ADT :	#1.	2.8	2620															
		2.8	2620															
Avg,50,67,85%:	#1.	70.3	69.8	73.8	77.9	65.0	- 74.9	51%										
		70.3	69.8	73.8	77.9	65.0	- 74.9	51%										

4D0000156 Speed Class Charts For Data From: 11:15 - 04/11/2011 To: 08:14 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0000156

Station ID : 4P0000156
Info Line 1 : WB 434 PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 4P0000156.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14614
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 11:15 - 04/11/2011 To: 08:14 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	11:15	0	9	1	0	0	0	0	0	1	0	0	0	0	0	11
Mon	11:30	0	15	5	0	0	1	0	0	1	0	0	0	0	0	22
	11:45	0	14	7	0	0	0	0	0	0	0	0	0	0	0	21
	12:00	0	14	6	0	1	0	0	0	2	1	0	0	1	0	25
	12:15	0	13	3	0	0	1	0	0	3	0	0	0	0	0	20
	12:30	0	16	8	0	0	0	0	0	4	0	0	0	0	0	28
	12:45	0	15	5	0	0	0	0	0	0	0	0	0	0	0	20
	13:00	0	18	8	0	0	0	0	0	0	0	0	0	0	0	26
	13:15	0	25	2	0	0	0	0	0	1	0	0	0	0	0	28
	13:30	0	24	10	0	0	0	0	0	0	0	0	0	1	0	35
	13:45	1	12	6	0	0	0	0	0	2	0	0	0	0	0	21
	14:00	0	21	5	1	0	0	0	0	4	0	0	0	0	0	31
	14:15	1	23	9	0	0	0	0	0	3	0	0	0	0	0	36
	14:30	0	23	10	0	0	0	0	1	3	0	0	0	0	0	37
	14:45	0	28	4	2	0	0	0	0	2	0	0	0	0	0	36
	15:00	0	15	11	0	0	0	0	0	2	0	0	0	0	0	28
	15:15	1	25	4	0	0	0	0	0	1	1	0	0	0	0	32
	15:30	0	18	8	0	0	0	0	0	1	0	0	0	0	0	27
	15:45	0	21	8	0	0	0	0	0	0	0	0	1	1	0	31
	16:00	0	22	7	0	0	0	0	0	0	0	0	0	0	0	29
	16:15	0	27	11	0	0	1	0	0	3	0	0	0	1	0	43
	16:30	0	21	4	0	0	0	0	0	1	0	0	0	0	0	26
	16:45	0	22	14	1	0	0	0	0	0	0	0	0	0	0	37
	17:00	0	28	11	0	0	1	0	0	1	0	0	0	0	0	41
	17:15	0	39	9	0	0	0	0	0	1	0	0	0	0	0	49
	17:30	0	24	5	0	0	1	0	1	1	0	0	0	0	0	32
	17:45	0	32	11	0	0	0	0	0	1	0	0	0	0	0	44
	18:00	0	13	2	0	0	0	0	0	2	1	0	0	0	0	18
	18:15	0	19	4	0	0	0	0	0	1	0	0	0	0	0	24
	18:30	0	15	3	0	0	0	0	0	0	0	0	0	0	0	18
	18:45	0	5	6	0	0	0	0	0	0	0	0	0	0	0	11
	19:00	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
	19:15	0	11	2	0	0	0	0	0	2	0	0	0	0	0	15
	19:30	0	10	2	0	0	0	0	0	0	0	0	0	0	0	12

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	19:45	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
Mon	20:00	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	20:15	0	6	2	0	0	0	0	1	0	0	0	0	0	0	9
	20:30	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	20:45	0	7	2	0	0	0	0	0	0	0	0	0	1	0	10
	21:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	21:15	0	4	1	0	0	0	0	0	0	0	0	0	2	0	7
	21:30	0	8	1	0	0	0	0	0	1	0	0	0	0	0	10
	21:45	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
	22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:15	0	1	2	0	0	0	0	0	1	0	0	0	0	0	4
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		3	703	231	4	1	5	0	3	45	3	0	1	7	0	1006
	Percent :	0%	70%	23%	0%	0%	0%	0%	0%	4%	0%	0%	0%	1%	0%	
	Average :	0	14	5	0	0	0	0	0	1	0	0	0	0	0	20

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Tue	00:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2
	00:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	05:15	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	05:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:45	0	1	2	0	0	0	0	1	1	0	0	0	0	0	5
	06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	06:15	1	3	3	0	0	0	0	0	1	0	0	0	0	0	8
	06:30	0	4	4	0	0	0	0	0	0	0	0	0	0	0	8
	06:45	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	07:00	0	6	2	0	0	0	0	0	1	0	0	0	0	0	9
	07:15	0	10	1	0	0	0	0	0	0	0	0	0	0	0	11
	07:30	0	14	8	0	0	0	0	0	1	0	0	0	0	0	23
	07:45	0	8	4	0	1	0	0	0	1	0	0	0	0	0	14
	08:00	1	11	3	1	1	0	0	0	1	0	0	0	0	0	18
	08:15	0	6	5	0	0	0	0	0	1	0	0	0	1	0	13
	08:30	0	9	6	0	0	0	0	0	0	0	0	0	0	0	15
	08:45	0	8	6	0	0	0	0	0	0	0	0	0	0	0	14
	09:00	0	16	10	0	0	0	0	0	0	0	0	0	1	0	27
	09:15	0	11	10	0	0	0	0	1	1	1	0	0	0	0	24
	09:30	0	7	7	0	0	0	0	0	0	0	0	0	0	0	14
	09:45	0	13	5	0	0	0	0	0	0	0	0	0	0	0	18
	10:00	0	11	6	0	0	0	0	0	0	0	0	0	0	0	17
	10:15	0	8	4	0	0	0	0	0	1	0	0	0	0	0	13
	10:30	0	12	2	0	0	0	0	0	2	0	0	0	0	1	17
	10:45	0	6	8	0	0	0	0	0	0	0	0	0	0	0	14
	11:00	0	9	2	0	0	1	0	0	0	0	0	0	0	0	12
	11:15	0	4	7	0	0	0	0	0	1	1	0	0	0	0	13
	11:30	0	16	6	0	0	0	0	0	1	0	0	0	0	0	23
	11:45	0	11	5	0	0	0	0	0	1	0	0	0	1	0	18
	12:00	0	11	5	0	0	0	0	0	0	0	0	0	0	0	16
	12:15	0	8	9	0	0	0	0	0	0	0	0	0	0	0	17

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	8	8	0	0	0	0	0	1	0	0	0	0	0	17
Tue	12:45	0	11	5	0	0	0	0	0	0	0	0	0	0	0	16
	13:00	0	6	3	0	0	0	0	0	2	0	0	0	1	0	12
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15:00	0	10	6	0	0	0	0	0	0	1	0	0	0	0	17
	15:15	0	22	1	0	0	0	0	0	1	0	0	0	0	0	24
	15:30	0	26	3	0	0	0	0	1	2	0	0	0	0	0	32
	15:45	0	21	10	0	0	0	0	0	4	0	0	0	0	0	35
	16:00	0	17	10	0	0	0	0	0	1	0	0	0	0	0	28
	16:15	0	13	5	0	0	1	0	1	1	1	0	0	0	0	22
	16:30	0	21	13	0	1	0	0	0	1	0	0	0	0	0	36
	16:45	0	21	10	0	0	0	0	0	4	0	0	0	0	0	35
	17:00	0	36	7	0	0	0	0	0	1	1	0	0	0	0	45
	17:15	0	27	10	0	0	0	0	0	2	0	0	0	0	0	39
	17:30	0	34	8	0	0	0	0	0	3	0	0	0	1	0	46
	17:45	0	28	11	0	0	0	0	0	2	1	0	0	0	0	42
	18:00	0	18	6	0	0	0	0	0	0	0	0	0	0	0	24
	18:15	0	14	12	0	0	0	0	0	1	0	0	0	0	0	27
	18:30	0	19	1	0	0	0	0	0	0	0	0	0	1	0	21
	18:45	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
	19:00	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
	19:15	0	6	9	0	0	0	0	0	2	1	0	0	2	0	20
	19:30	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
	19:45	0	10	6	1	0	0	0	0	0	0	0	0	0	0	17
	20:00	0	6	2	0	0	0	0	0	0	0	0	0	2	0	10
	20:15	0	6	3	0	0	0	0	0	1	0	0	0	0	0	10
	20:30	1	7	3	0	0	0	0	0	0	0	0	0	1	0	12
	20:45	1	9	1	0	0	0	0	0	1	0	0	0	0	0	12
	21:00	0	5	4	0	1	0	0	0	0	0	0	0	0	0	10
	21:15	0	9	1	0	0	0	0	0	0	0	0	0	0	0	10
	21:30	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	21:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:00	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2
	22:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	22:45	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		4	679	307	3	4	2	0	4	51	8	0	0	13	1	1076
Percent :		0%	63%	29%	0%	0%	0%	0%	0%	5%	1%	0%	0%	1%	0%	
Average :		0	7	3	0	0	0	0	0	1	0	0	0	0	0	11

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	04:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	05:00	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4
	05:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	05:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	05:45	0	4	0	0	0	0	0	0	1	0	0	0	0	0	5
	06:00	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	06:15	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	06:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	06:45	0	4	3	0	0	0	0	1	0	0	0	0	0	0	8
	07:00	0	9	6	0	0	0	0	0	1	0	0	0	0	0	16
	07:15	0	7	2	0	0	0	0	0	1	0	0	0	0	1	11
	07:30	0	10	5	0	0	0	0	0	0	0	0	0	0	0	15
	07:45	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
	08:00	0	12	2	0	0	0	0	0	0	0	0	0	0	1	15
	08:15	0	8	2	0	0	0	0	0	1	0	0	0	0	0	11
	08:30	0	15	5	0	1	0	0	0	2	0	0	0	0	0	23
	08:45	0	15	5	0	0	0	0	0	0	1	0	0	0	0	21
	09:00	0	15	4	0	0	0	0	0	0	0	0	0	0	0	19
	09:15	0	12	2	0	0	0	0	0	1	0	0	1	0	0	16
	09:30	1	9	4	0	0	1	0	0	0	0	0	0	0	0	15
	09:45	0	8	3	0	0	0	0	0	4	0	0	1	0	0	16
	10:00	0	7	6	0	0	0	0	0	1	0	0	0	0	0	14
	10:15	1	11	4	0	0	0	0	0	4	0	0	0	0	0	20
	10:30	0	10	7	0	0	0	0	0	0	0	0	0	0	1	18
	10:45	0	10	6	0	0	0	1	0	1	0	0	0	0	0	18
	11:00	0	5	4	0	0	0	0	0	0	0	0	0	1	0	10
	11:15	0	14	6	0	0	0	0	0	0	0	0	0	0	0	20
	11:30	0	7	12	0	1	0	0	0	1	0	0	0	0	0	21
	11:45	0	11	7	0	0	0	0	0	5	0	0	0	1	1	25
	12:00	0	14	7	0	0	0	1	0	3	0	0	0	0	0	25
	12:15	0	17	7	0	0	0	0	0	2	0	0	0	0	0	26

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	14	6	0	0	0	0	0	1	0	0	0	0	0	21
Wed	12:45	0	17	7	0	0	0	1	0	0	0	0	0	0	0	25
	13:00	0	19	7	0	0	0	0	1	2	0	0	0	0	0	29
	13:15	0	15	10	1	0	0	0	0	2	0	0	0	0	0	28
	13:30	0	24	7	0	0	0	0	1	2	0	0	0	1	0	35
	13:45	0	18	12	0	0	0	0	0	1	0	0	0	0	0	31
	14:00	0	22	5	0	0	0	0	0	0	0	0	0	0	0	27
	14:15	0	23	10	0	0	0	0	1	0	0	0	0	0	0	34
	14:30	0	28	11	0	0	0	0	0	1	0	0	0	0	0	40
	14:45	0	29	8	0	0	0	0	0	2	2	0	0	0	0	41
	15:00	0	23	6	0	0	0	0	0	1	0	0	0	0	0	30
	15:15	0	25	13	1	0	0	0	0	1	0	0	0	0	0	40
	15:30	0	24	13	0	0	0	0	0	1	0	0	0	0	0	38
	15:45	0	23	15	0	0	0	0	1	1	0	0	0	0	0	40
	16:00	0	26	7	0	0	0	0	1	0	0	0	0	0	0	34
	16:15	0	17	10	0	0	0	0	1	1	0	0	0	1	1	31
	16:30	0	26	10	0	0	0	0	1	3	0	0	0	0	0	40
	16:45	0	31	15	0	0	0	0	0	0	0	0	0	0	0	46
	17:00	0	29	15	1	0	0	0	0	1	0	0	0	1	0	47
	17:15	0	31	17	0	0	0	0	0	2	1	0	0	0	0	51
	17:30	0	38	16	0	0	0	0	1	1	0	0	0	0	0	56
	17:45	0	26	12	0	0	0	0	0	2	1	0	0	0	0	41
	18:00	0	36	13	0	0	0	0	0	0	0	0	0	0	0	49
	18:15	0	21	7	0	0	0	0	0	1	0	0	0	0	0	29
	18:30	0	6	4	0	0	0	0	0	2	0	0	0	0	0	12
	18:45	0	14	7	0	0	0	0	0	1	0	0	0	0	0	22
	19:00	0	11	3	0	1	0	0	0	0	1	0	0	0	0	16
	19:15	0	6	4	0	0	0	0	0	1	0	0	0	0	0	11
	19:30	0	11	3	0	0	0	0	0	1	0	0	0	0	0	15
	19:45	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
	20:00	0	15	1	0	0	0	0	0	0	0	0	0	3	0	19
	20:15	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
	20:30	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	20:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	21:00	0	7	3	0	0	0	0	0	1	0	1	1	0	0	13
	21:15	0	7	1	0	0	0	0	0	1	0	0	0	0	0	9
	21:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	21:45	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
	22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	22:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Daily Total :		2	963	411	3	4	1	3	9	67	7	1	4	8	5	1488
	Percent :	0%	65%	28%	0%	0%	0%	0%	1%	5%	0%	0%	0%	1%	0%	
	Average :	0	10	4	0	0	0	0	0	1	0	0	0	0	0	15

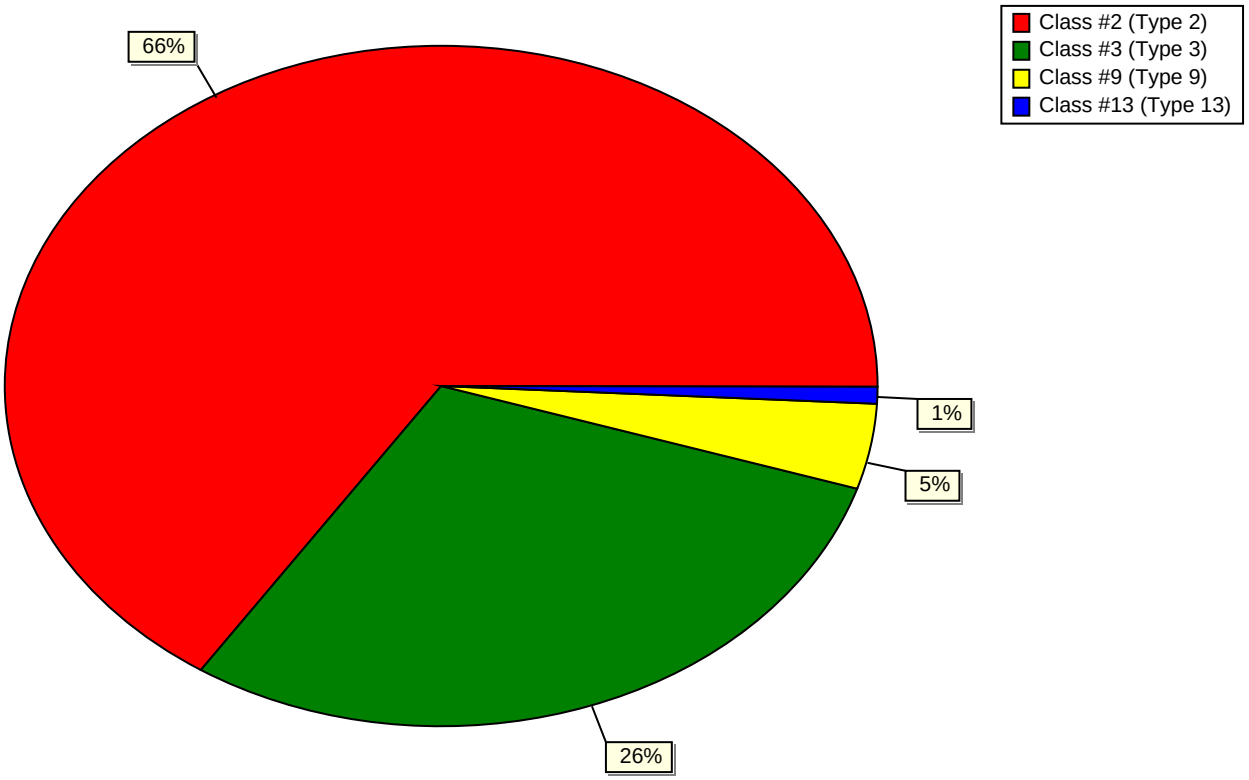
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:15	0	3	0	0	0	0	0	0	2	0	0	0	0	0	5
	05:30	0	3	1	0	0	0	0	0	1	0	0	0	0	0	5
	05:45	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	06:00	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	06:15	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	06:30	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	06:45	0	7	5	0	0	0	0	0	0	0	0	0	0	0	12
	07:00	0	11	2	0	0	0	0	0	0	0	0	0	0	0	13
	07:15	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	07:30	0	10	4	0	0	0	0	0	2	0	0	0	1	0	17
	07:45	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
Daily Total :		0	68	24	0	0	0	0	0	10	0	0	0	1	0	103
	Percent :	0%	66%	23%	0%	0%	0%	0%	0%	10%	0%	0%	0%	1%	0%	
	Average :	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3

Basic Axle Class Summary: 4P0000156

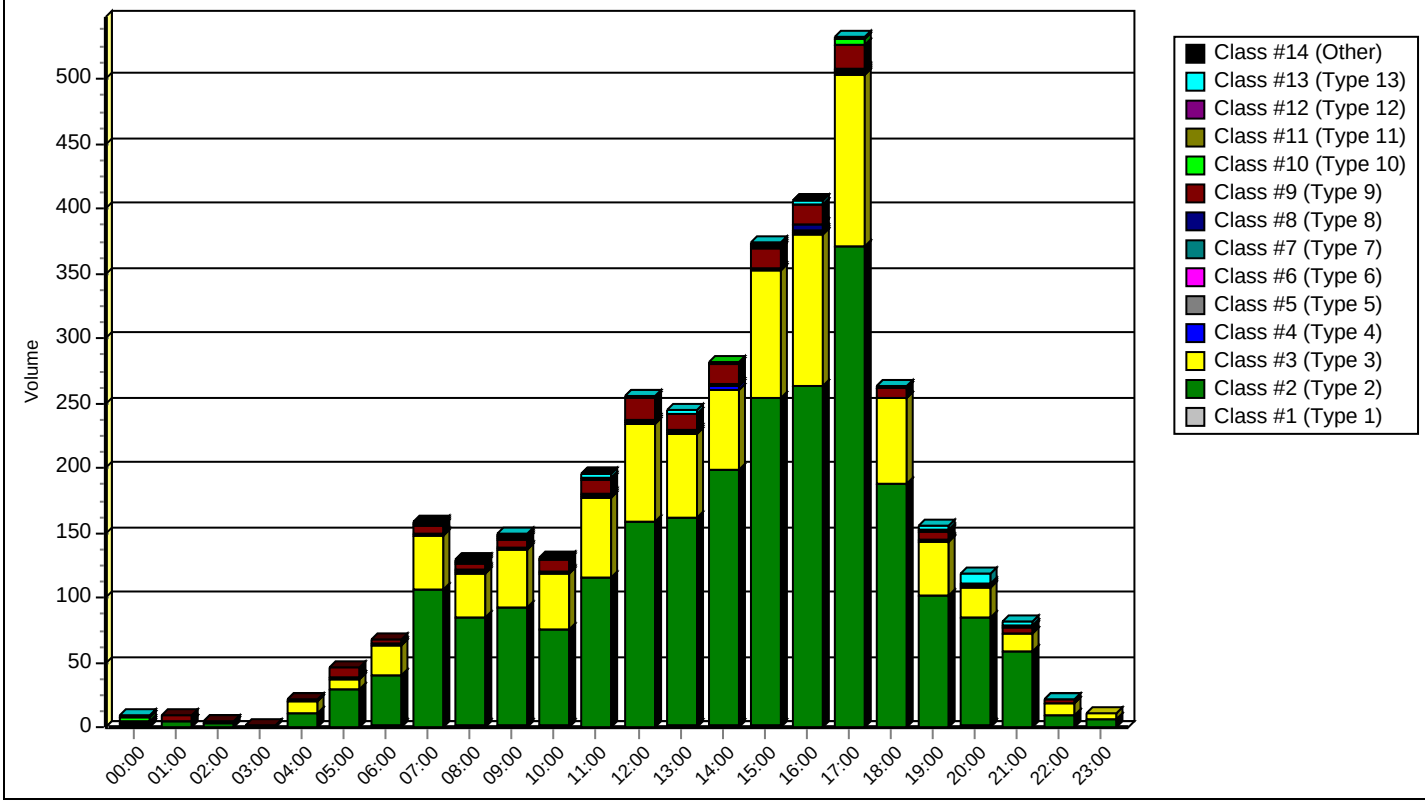
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	9	2413	973	10	9	8	3	16	173	18	1	5	29	6	3673
		9	2413	973	10	9	8	3	16	173	18	1	5	29	6	3673
Percents :	#1.	0%	66%	26%	0%	0%	0%	0%	0%	5%	0%	0%	0%	1%	0%	100%
		0%	66%	26%	0%	0%	0%	0%	0%	5%	0%	0%	0%	1%	0%	
Average :	#1.	0	9	4	0	0	0	0	0	1	0	0	0	0	0	14
		0	9	4	0	0	0	0	0	1	0	0	0	0	0	14
Days & ADT :	#1.	2.8	1282													
		2.8	1282													

4P0000156 Axle Class Charts For Data From: 11:15 - 04/11/2011 To: 08:14 - 04/14/2011

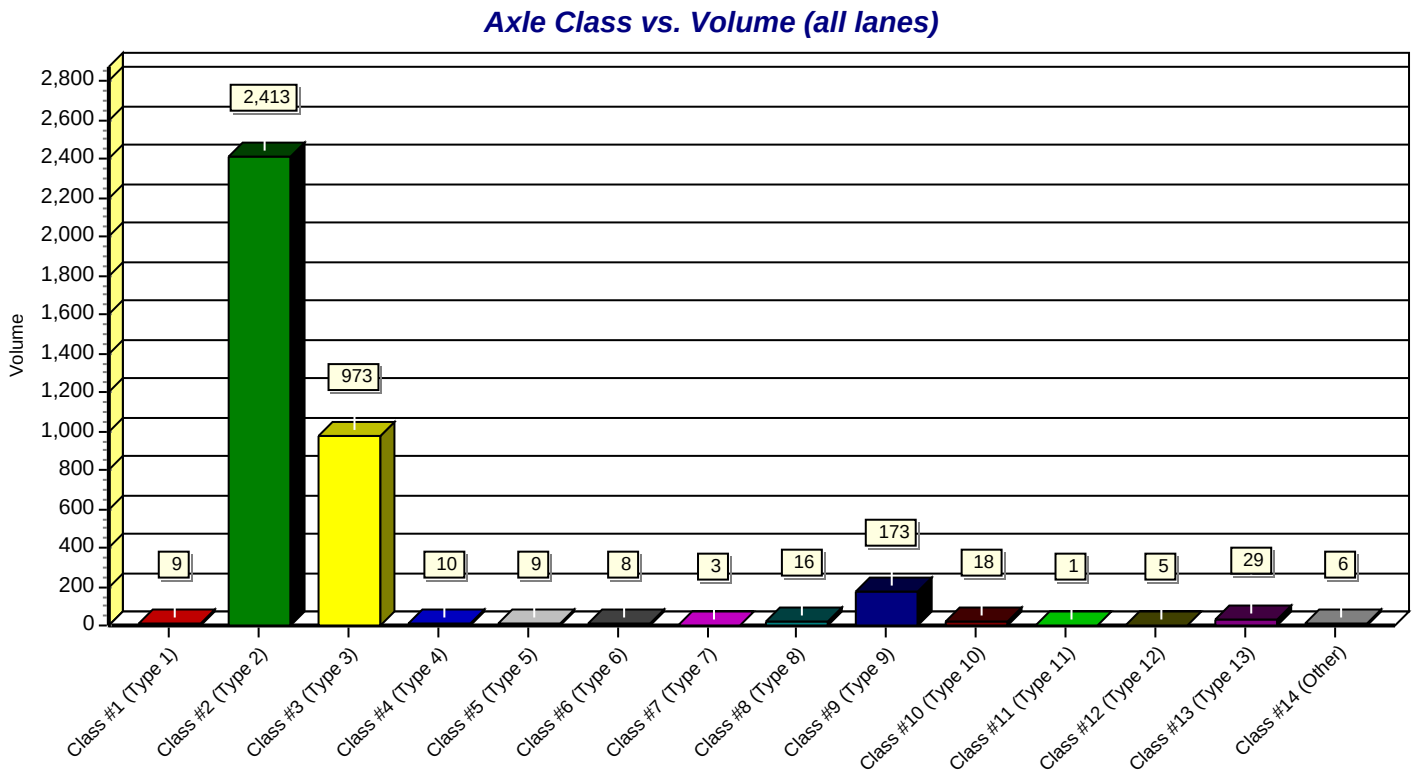
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0000156 Axle Class Charts For Data From: 11:15 - 04/11/2011 To: 08:14 - 04/14/2011



Basic Speed Classification Report: 4P0000156

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 11:15 - 04/11/2011 To: 08:14 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	11:15	0	0	0	0	0	0	0	0	0	1	4	6	0	0	0	0	11
Mon	11:30	0	0	0	0	0	0	0	0	1	5	5	11	0	0	0	0	22
	11:45	0	0	0	0	0	0	0	0	1	5	7	8	0	0	0	0	21
	12:00	0	0	0	0	0	0	0	0	4	3	9	8	0	1	0	0	25
	12:15	0	0	0	0	0	0	0	0	1	2	8	9	0	0	0	0	20
	12:30	0	0	0	0	0	0	0	0	2	3	11	12	0	0	0	0	28
	12:45	0	0	0	0	0	0	0	0	0	1	5	9	5	0	0	0	20
	13:00	0	0	0	0	0	0	0	0	0	1	9	14	2	0	0	0	26
	13:15	0	0	0	0	0	0	0	0	0	2	5	20	1	0	0	0	28
	13:30	0	0	0	0	0	0	0	0	0	5	11	17	2	0	0	0	35
	13:45	1	0	0	0	0	0	0	0	1	3	3	12	1	0	0	0	21
	14:00	0	0	0	0	0	0	0	0	0	5	8	17	1	0	0	0	31
	14:15	0	0	0	0	0	0	0	1	2	7	6	20	0	0	0	0	36
	14:30	0	0	0	0	0	0	0	0	2	6	10	14	5	0	0	0	37
	14:45	0	0	0	0	0	0	0	0	2	3	16	15	0	0	0	0	36
	15:00	0	0	0	0	0	0	0	0	0	4	11	9	4	0	0	0	28
	15:15	0	0	0	0	0	0	0	0	2	4	12	13	1	0	0	0	32
	15:30	0	0	0	0	0	0	0	0	0	3	11	13	0	0	0	0	27
	15:45	0	0	0	0	0	0	0	0	2	6	11	11	1	0	0	0	31
	16:00	0	0	0	0	0	0	0	0	0	2	15	12	0	0	0	0	29
	16:15	0	0	0	0	0	0	0	0	1	9	17	16	0	0	0	0	43
	16:30	0	0	0	0	0	0	0	0	1	5	11	9	0	0	0	0	26
	16:45	0	0	0	0	0	0	0	0	1	1	20	12	3	0	0	0	37
	17:00	0	0	0	0	0	0	0	0	0	4	17	20	0	0	0	0	41
	17:15	0	0	0	0	0	0	0	0	0	3	19	26	1	0	0	0	49
	17:30	0	0	0	0	0	0	0	0	1	4	11	12	4	0	0	0	32
	17:45	0	0	0	0	0	0	0	0	0	5	20	18	1	0	0	0	44
	18:00	0	0	0	0	0	0	0	0	1	3	2	12	0	0	0	0	18
	18:15	0	0	0	0	0	0	0	0	0	2	8	13	1	0	0	0	24
	18:30	0	0	0	0	0	0	0	0	0	2	4	12	0	0	0	0	18
	18:45	0	0	0	0	0	0	0	0	0	1	6	4	0	0	0	0	11
	19:00	0	0	0	0	0	0	0	0	0	0	2	7	0	0	0	0	9
	19:15	0	0	0	0	0	0	0	0	2	0	8	5	0	0	0	0	15
	19:30	0	0	0	0	0	0	0	0	0	0	3	7	2	0	0	0	12
	19:45	0	0	0	0	0	0	0	0	0	0	2	7	1	0	0	0	10
	20:00	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	10
	20:15	0	0	0	0	0	0	0	0	0	1	3	4	1	0	0	0	9
	20:30	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	6
	20:45	0	0	0	0	0	0	0	0	1	0	4	5	0	0	0	0	10
	21:00	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	21:15	0	0	0	0	0	0	0	0	0	2	1	4	0	0	0	0	7
Mon	21:30	0	0	0	0	0	0	0	0	0	1	4	5	0	0	0	0	10
	21:45	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
	22:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	22:15	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	4
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		1	0	0	0	0	0	0	1	28	117	351	469	38	1	0	0	1006
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	3%	12%	35%	47%	4%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	1	2	7	9	1	0	0	0	14

Speeds - Average: 69.3 50% : 70.2 67% : 72.0 85% : 73.8 10mph Pace: 65.0 - 74.9 (81.5%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	4
	05:15	0	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	7
	05:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:45	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	5
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	06:15	0	0	0	1	0	0	0	0	0	2	2	2	1	0	0	0	8
	06:30	0	0	0	0	0	0	0	0	0	0	1	6	1	0	0	0	8
	06:45	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	6
	07:00	0	0	0	0	0	0	0	0	0	1	1	5	2	0	0	0	9
	07:15	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	11
	07:30	0	0	0	0	0	0	0	0	0	3	7	11	2	0	0	0	23
	07:45	0	0	0	0	0	0	0	0	0	1	6	6	1	0	0	0	14
	08:00	0	0	0	0	0	0	0	0	0	5	6	7	0	0	0	0	18
	08:15	0	0	0	0	0	0	0	0	0	1	4	6	2	0	0	0	13
	08:30	0	0	0	0	0	0	0	0	0	0	5	9	1	0	0	0	15
	08:45	0	0	0	0	0	0	0	0	0	2	9	3	0	0	0	0	14
	09:00	0	0	0	0	0	0	0	1	0	2	10	13	1	0	0	0	27
	09:15	0	0	0	0	0	0	0	0	0	4	10	8	2	0	0	0	24
	09:30	0	0	0	0	0	0	0	0	0	0	6	8	0	0	0	0	14
	09:45	0	0	0	0	0	0	0	0	0	0	6	9	3	0	0	0	18
	10:00	0	0	0	0	0	0	0	0	0	0	4	11	1	1	0	0	17
	10:15	0	0	0	0	0	0	0	0	0	2	1	9	1	0	0	0	13
	10:30	0	0	0	0	0	0	0	0	0	2	9	6	0	0	0	0	17
	10:45	0	0	0	0	0	0	0	0	0	4	2	6	2	0	0	0	14
	11:00	0	0	0	0	0	0	0	0	0	1	3	8	0	0	0	0	12
	11:15	0	0	0	0	0	0	0	0	0	3	4	6	0	0	0	0	13
	11:30	0	0	0	0	0	0	0	0	0	3	5	13	2	0	0	0	23
	11:45	0	0	0	0	0	0	0	0	0	2	5	9	2	0	0	0	18
	12:00	0	0	0	0	0	0	0	0	1	3	6	6	0	0	0	0	16
	12:15	0	0	0	0	0	0	0	0	0	1	6	9	1	0	0	0	17

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	1	7	9	0	0	0	0	17
Tue	12:45	0	0	0	0	0	0	0	0	0	1	4	10	1	0	0	0	16
	13:00	0	0	0	0	0	0	0	0	1	2	5	4	0	0	0	0	12
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15:00	0	0	0	0	0	0	0	0	3	5	7	2	0	0	0	0	17
	15:15	0	0	0	0	0	0	0	0	0	5	9	9	1	0	0	0	24
	15:30	0	0	0	0	0	0	0	0	1	3	14	13	1	0	0	0	32
	15:45	0	0	0	0	0	0	0	0	5	4	13	12	1	0	0	0	35
	16:00	0	0	0	0	0	0	0	0	0	2	13	11	2	0	0	0	28
	16:15	0	0	0	0	0	0	0	0	1	3	9	7	2	0	0	0	22
	16:30	0	0	0	0	0	0	0	0	1	5	10	18	2	0	0	0	36
	16:45	0	0	0	0	0	0	0	0	0	11	13	9	2	0	0	0	35
	17:00	0	0	0	0	0	0	0	0	1	4	13	25	2	0	0	0	45
	17:15	0	0	0	0	0	0	0	0	0	5	17	15	2	0	0	0	39
	17:30	0	0	0	0	0	0	0	0	1	3	17	22	3	0	0	0	46
	17:45	0	0	0	0	0	0	0	0	1	3	17	21	0	0	0	0	42
	18:00	0	0	0	0	0	0	0	0	0	4	9	11	0	0	0	0	24
	18:15	0	0	0	0	0	0	0	0	0	4	11	12	0	0	0	0	27
	18:30	0	0	0	0	0	0	0	0	1	1	12	7	0	0	0	0	21
	18:45	0	0	0	0	0	0	0	0	0	0	3	4	2	0	0	0	9
	19:00	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	10
	19:15	0	0	0	0	0	0	0	0	0	6	5	8	1	0	0	0	20
	19:30	0	0	0	0	0	0	0	0	0	1	2	4	0	0	0	0	7
	19:45	0	0	0	0	0	0	0	0	0	1	7	7	2	0	0	0	17
	20:00	0	0	0	0	0	0	0	0	1	2	3	3	1	0	0	0	10
	20:15	0	0	0	0	0	0	0	0	0	1	5	4	0	0	0	0	10
	20:30	1	0	0	0	0	0	0	0	0	5	5	0	1	0	0	0	12
	20:45	1	0	0	0	0	0	0	0	1	1	5	4	0	0	0	0	12
	21:00	0	0	0	0	0	0	0	0	0	2	7	1	0	0	0	0	10
	21:15	0	0	0	0	0	0	0	0	0	1	6	3	0	0	0	0	10
	21:30	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	4
	21:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	22:00	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2
	22:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	0	1	0	0	0	1	23	140	383	462	59	5	0	0	1076
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	2%	13%	36%	43%	5%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	1	4	5	1	0	0	0	20

Speeds - Average: 69.2 50% : 69.8 67% : 72.0 85% : 73.9 10mph Pace: 65.0 - 74.9 (78.5%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	04:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	4
	05:15	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	05:30	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	3
	05:45	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5
	06:00	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	06:15	0	0	0	0	0	0	0	0	0	0	4	1	1	0	0	0	6
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	06:45	0	0	0	0	0	0	0	0	0	0	3	4	1	0	0	0	8
	07:00	0	0	0	0	0	0	0	0	0	1	4	9	2	0	0	0	16
	07:15	1	0	0	0	0	0	0	0	0	0	4	5	1	0	0	0	11
	07:30	0	0	0	0	0	0	0	0	0	1	1	11	2	0	0	0	15
	07:45	0	0	0	0	0	0	0	0	0	0	6	7	0	0	0	0	13
	08:00	0	0	0	0	0	0	0	0	0	1	7	7	0	0	0	0	15
	08:15	0	0	0	0	0	0	0	0	0	2	4	5	0	0	0	0	11
	08:30	0	0	0	0	0	0	0	0	2	2	9	10	0	0	0	0	23
	08:45	0	0	0	0	0	0	0	0	0	1	7	12	1	0	0	0	21
	09:00	0	0	0	0	0	0	0	0	1	0	6	12	0	0	0	0	19
	09:15	0	0	0	0	0	0	0	0	1	4	7	3	1	0	0	0	16
	09:30	0	1	0	0	0	0	0	0	0	3	2	8	1	0	0	0	15
	09:45	0	0	0	0	0	0	0	0	0	4	6	5	1	0	0	0	16
	10:00	0	0	0	0	0	0	0	0	0	1	2	11	0	0	0	0	14
	10:15	1	0	0	0	0	0	1	1	1	1	7	7	1	0	0	0	20
	10:30	0	0	0	0	0	0	0	0	0	1	9	7	1	0	0	0	18
	10:45	0	0	0	0	0	0	0	0	0	2	6	10	0	0	0	0	18
	11:00	0	0	0	0	0	0	0	0	0	1	2	6	1	0	0	0	10
	11:15	0	0	0	0	0	0	0	0	0	1	3	14	2	0	0	0	20
	11:30	0	0	0	0	0	0	0	0	0	1	9	10	1	0	0	0	21
	11:45	1	0	0	0	0	0	0	0	3	4	8	7	2	0	0	0	25
	12:00	0	0	0	0	0	0	0	0	0	2	7	12	3	1	0	0	25
	12:15	0	0	0	0	0	0	0	0	0	3	10	12	1	0	0	0	26

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	1	3	6	7	4	0	0	0	21
Wed	12:45	0	0	0	0	0	0	0	0	1	1	10	11	2	0	0	0	25
	13:00	0	0	0	0	0	0	0	0	0	2	15	10	2	0	0	0	29
	13:15	0	0	0	0	0	0	0	0	1	3	9	15	0	0	0	0	28
	13:30	0	0	0	0	0	0	0	0	1	4	8	21	1	0	0	0	35
	13:45	0	0	0	0	0	0	0	0	1	0	7	22	1	0	0	0	31
	14:00	0	0	0	0	0	0	0	0	0	0	8	17	2	0	0	0	27
	14:15	0	0	0	0	0	0	0	0	1	5	11	15	2	0	0	0	34
	14:30	0	0	0	0	0	0	1	0	0	1	14	19	5	0	0	0	40
	14:45	0	0	0	0	0	0	0	0	2	5	9	23	2	0	0	0	41
	15:00	0	0	0	0	0	0	0	0	2	4	6	17	1	0	0	0	30
	15:15	0	0	0	0	0	0	0	0	0	4	14	19	3	0	0	0	40
	15:30	1	0	0	0	0	0	0	0	0	3	12	21	1	0	0	0	38
	15:45	0	0	0	0	0	0	0	0	0	2	13	24	1	0	0	0	40
	16:00	0	0	0	0	0	0	0	0	0	1	8	22	3	0	0	0	34
	16:15	0	0	0	0	0	0	0	0	1	3	14	12	1	0	0	0	31
	16:30	0	0	0	0	0	0	0	0	3	8	11	16	2	0	0	0	40
	16:45	0	0	0	0	0	0	0	0	0	3	13	26	4	0	0	0	46
	17:00	0	0	0	0	0	0	0	0	0	6	12	23	5	1	0	0	47
	17:15	0	0	0	0	0	0	0	0	0	5	15	28	3	0	0	0	51
	17:30	0	0	0	0	0	0	0	0	0	6	15	30	4	1	0	0	56
	17:45	0	0	0	0	0	0	0	0	1	1	9	26	4	0	0	0	41
	18:00	0	0	0	0	0	0	0	0	0	1	15	31	2	0	0	0	49
	18:15	0	0	0	0	0	0	0	0	0	1	8	18	2	0	0	0	29
	18:30	0	0	0	0	0	0	0	0	0	1	7	4	0	0	0	0	12
	18:45	0	0	0	0	0	0	0	0	0	2	5	14	1	0	0	0	22
	19:00	0	0	0	0	0	0	0	0	0	4	1	11	0	0	0	0	16
	19:15	0	0	0	0	0	0	0	0	0	1	3	6	1	0	0	0	11
	19:30	0	0	0	0	0	0	0	0	0	3	2	8	2	0	0	0	15
	19:45	0	0	0	0	0	0	0	0	0	0	3	10	0	0	0	0	13
	20:00	0	0	0	0	0	0	0	0	2	3	4	8	2	0	0	0	19
	20:15	0	0	0	0	0	0	0	1	0	0	4	3	1	0	0	0	9
	20:30	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	6
	20:45	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	5
	21:00	0	0	0	0	0	0	0	0	0	4	7	2	0	0	0	0	13
	21:15	0	0	0	0	0	0	0	0	0	1	2	6	0	0	0	0	9
	21:30	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	3
	21:45	0	0	0	0	0	0	0	0	0	1	1	3	0	0	0	0	5
	22:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	22:15	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	1	0	0	0	0	2	2	30	139	452	762	93	3	0	0	1488
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	2%	9%	30%	51%	6%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	1	5	8	1	0	0	0	11

Speeds - Average: 69.8 50% : 70.9 67% : 72.5 85% : 74.1 10mph Pace: 65.0 - 74.9 (81.6%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
	05:00	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	5
	05:30	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
	05:45	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
	06:00	0	0	0	0	0	0	0	0	0	2	4	1	0	0	0	0	7
	06:15	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3
	06:30	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
	06:45	0	0	0	0	0	0	0	0	0	0	5	6	1	0	0	0	12
	07:00	0	0	0	0	0	0	0	0	0	1	4	5	3	0	0	0	13
	07:15	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	7
	07:30	0	0	0	0	0	0	0	0	0	5	4	8	0	0	0	0	17
	07:45	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	9
Daily Total :		0	0	0	0	0	0	0	0	1	16	34	45	6	1	0	0	103
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	1%	16%	33%	44%	6%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	15

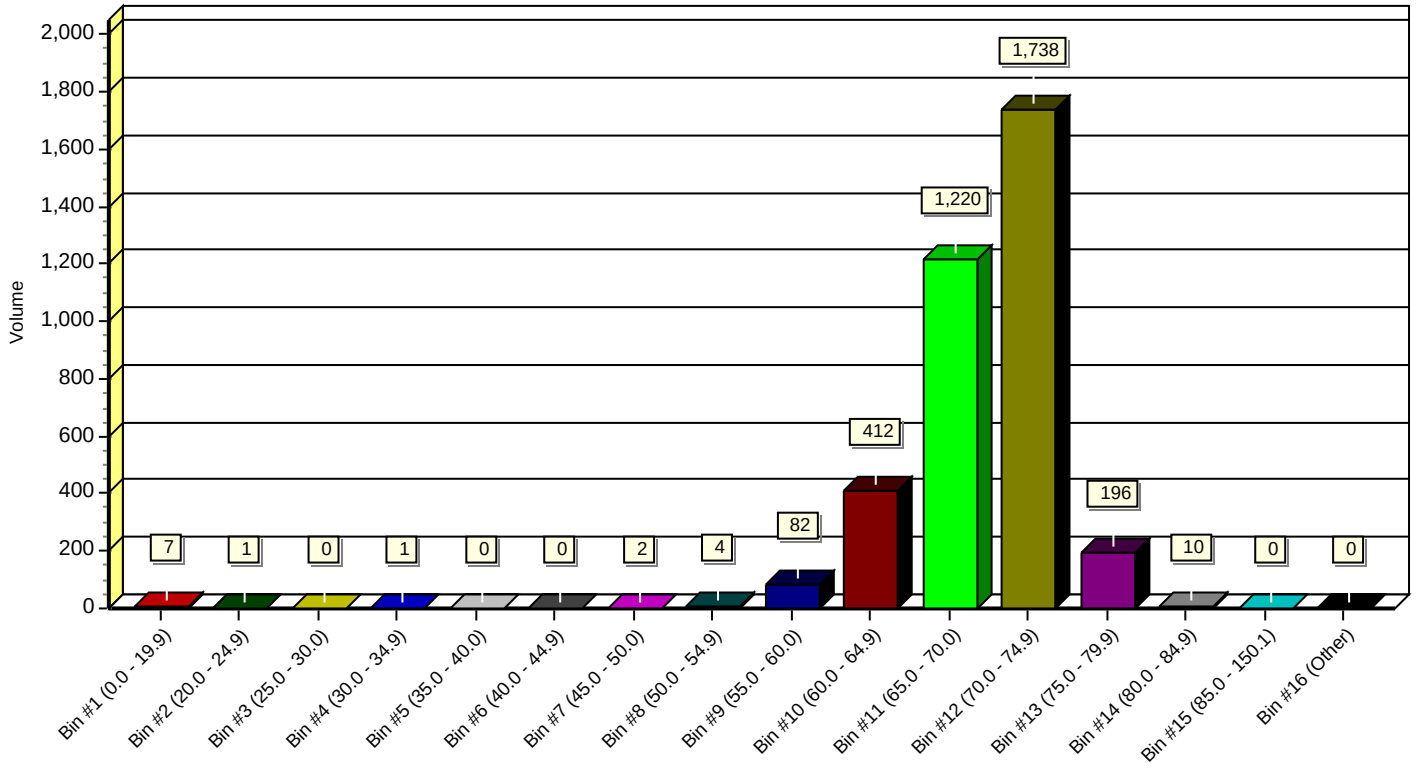
Speeds - Average: 69.5 50% : 68.6 67% : 72.3 85% : 73.4 10mph Pace: 66.5 - 76.4 (76.7%)

Basic Speed Class Summary: 4P0000156

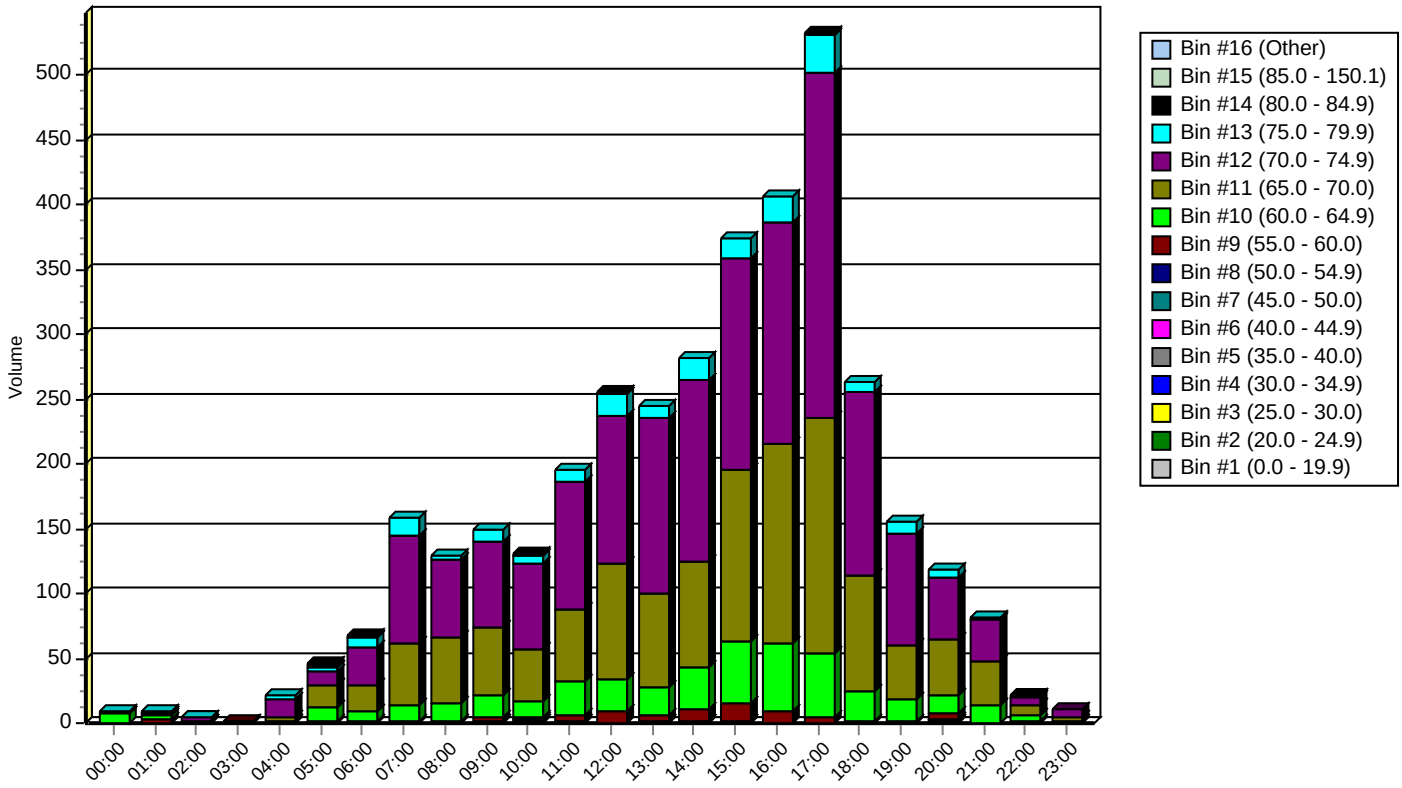
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	7	1	0	1	0	0	2	4	82	412	1220	1738	196	10	0	0	3673
		7	1	0	1	0	0	2	4	82	412	1220	1738	196	10	0	0	3673
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	2%	11%	33%	47%	5%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	2%	11%	33%	47%	5%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	1	4	6	1	0	0	0	12
		0	0	0	0	0	0	0	0	0	1	4	6	1	0	0	0	12
Days & ADT :	#1.	2.8	1282															
		2.8	1282															
Avg,50,67,85%:	#1.	69.5	70.4	72.2	74.1	65.0	- 74.9	81%										
		69.5	70.4	72.2	74.1	65.0	- 74.9	81%										

4P0000156 Speed Class Charts For Data From: 11:15 - 04/11/2011 To: 08:14 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0032456

Station ID : 2D0032456
Info Line 1 : EB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 2D0032456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14612
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 11:45 - 04/11/2011 To: 07:29 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	11:45	2	68	46	0	2	1	0	0	7	0	0	0	1	0	127
Mon	12:00	1	59	55	1	1	3	0	2	6	1	0	0	2	1	132
	12:15	0	55	47	1	0	2	0	2	8	0	0	0	3	1	119
	12:30	2	51	41	0	0	3	0	0	6	1	0	0	6	0	110
	12:45	1	58	50	0	1	3	0	2	7	0	0	0	4	0	126
	13:00	2	54	46	2	2	2	0	1	2	1	0	1	5	0	118
	13:15	0	57	46	0	3	1	2	2	10	1	0	0	0	0	122
	13:30	3	44	45	0	2	0	0	0	1	0	0	0	2	1	98
	13:45	0	42	46	0	2	1	0	0	5	0	0	0	1	0	97
	14:00	1	61	46	1	2	2	1	1	5	1	1	0	1	1	124
	14:15	0	46	42	0	0	1	1	0	9	3	0	0	4	0	106
	14:30	1	41	54	0	1	1	0	0	3	5	0	0	6	1	113
	14:45	1	51	37	2	0	3	0	1	7	1	0	0	2	0	105
	15:00	1	46	47	2	2	0	0	1	4	2	0	0	3	0	108
	15:15	0	46	43	0	2	1	0	0	11	0	0	0	4	1	108
	15:30	2	57	63	1	1	1	0	0	4	0	0	0	2	0	131
	15:45	0	48	45	0	4	3	0	0	7	2	0	0	6	0	115
	16:00	2	68	49	1	4	3	0	1	6	0	0	0	0	0	134
	16:15	0	56	56	0	0	2	0	0	5	0	0	0	2	1	122
	16:30	1	26	29	0	1	0	1	1	0	0	0	0	2	0	61
	16:45	0	37	50	1	1	3	0	1	7	2	0	0	2	0	104
	17:00	1	55	51	0	3	3	0	2	4	1	0	0	2	0	122
	17:15	2	76	50	1	0	1	0	1	5	0	0	0	3	0	139
	17:30	1	68	49	1	0	0	0	0	7	0	0	0	3	1	130
	17:45	0	37	38	1	0	0	0	1	12	0	0	0	1	1	91
	18:00	1	38	35	1	1	1	0	1	8	0	0	0	1	2	89
	18:15	0	49	43	1	0	0	0	2	4	1	0	0	2	0	102
	18:30	0	40	21	3	0	0	0	1	7	0	1	0	0	2	75
	18:45	0	42	28	1	1	0	0	0	10	0	0	0	1	0	83
	19:00	1	41	30	0	0	1	0	0	6	3	0	0	4	1	87
	19:15	0	34	33	1	1	0	0	2	11	0	0	0	4	0	86
	19:30	1	30	25	0	0	0	0	2	4	0	0	0	1	0	63
	19:45	0	23	25	1	0	0	0	1	5	1	0	0	1	0	57
	20:00	0	17	29	2	2	0	0	0	4	0	0	0	1	0	55

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	20:15	0	28	15	1	0	0	0	1	11	1	0	0	0	0	57
Mon	20:30	1	30	16	0	0	0	0	2	7	0	0	0	0	0	56
	20:45	0	20	15	3	1	0	0	1	6	0	0	0	1	0	47
	21:00	0	21	24	1	0	0	0	2	4	0	0	0	2	0	54
	21:15	0	24	13	0	1	0	0	1	7	1	0	0	0	0	47
	21:30	0	18	9	0	0	0	0	0	5	2	0	0	1	0	35
	21:45	1	12	8	0	1	0	0	2	3	0	0	0	0	2	29
	22:00	0	21	10	0	0	2	0	0	4	0	0	0	1	0	38
	22:15	0	22	11	1	0	1	0	0	2	0	0	0	0	0	37
	22:30	1	13	5	0	2	0	0	0	2	1	0	0	0	0	24
	22:45	0	9	6	1	0	0	0	0	3	1	0	0	1	0	21
	23:00	0	7	5	0	0	1	0	3	1	0	0	0	0	0	17
	23:15	0	8	8	0	1	0	0	1	2	1	0	0	1	0	22
	23:30	0	2	6	0	0	0	0	0	2	1	0	0	0	0	11
	23:45	1	5	1	0	0	0	0	0	1	1	0	0	0	0	9
Daily Total :		31	1861	1592	32	45	46	5	41	267	35	2	1	89	16	4063
Percent :		1%	46%	39%	1%	1%	1%	0%	1%	7%	1%	0%	0%	2%	0%	
Average :		1	38	32	1	1	1	0	1	5	1	0	0	2	0	83

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	5	3	0	1	0	0	2	1	0	0	0	2	0	14
Tue	00:15	0	3	3	0	0	0	0	1	2	0	0	0	0	1	10
	00:30	0	3	1	1	0	0	0	2	5	0	0	0	1	1	14
	00:45	0	5	2	0	2	0	0	0	3	0	0	0	1	0	13
	01:00	0	2	4	0	0	0	0	0	1	0	0	0	0	0	7
	01:15	0	1	2	0	0	0	0	0	2	0	0	0	0	0	5
	01:30	0	4	0	0	0	0	0	0	2	0	0	0	2	0	8
	01:45	0	2	3	0	0	0	0	0	0	1	0	0	0	0	6
	02:00	0	1	1	0	0	0	0	0	9	0	1	0	0	0	12
	02:15	0	1	2	1	0	0	0	0	3	0	0	0	1	0	8
	02:30	0	6	2	0	0	0	0	0	3	0	0	0	1	0	12
	02:45	0	2	1	0	0	0	0	2	0	0	0	0	1	0	6
	03:00	0	5	3	0	0	0	0	1	2	1	0	0	1	0	13
	03:15	0	6	2	0	0	0	1	0	0	0	0	1	0	1	11
	03:30	0	6	4	0	0	0	0	0	1	0	0	2	1	0	14
	03:45	0	3	9	0	0	0	0	1	4	0	0	0	1	0	18
	04:00	0	5	3	0	0	0	0	0	4	0	1	0	0	0	13
	04:15	0	8	6	0	0	0	0	0	4	0	1	0	1	0	20
	04:30	0	13	5	0	0	0	0	1	2	0	0	0	0	0	21
	04:45	0	15	9	0	0	0	0	0	2	0	0	0	1	0	27
	05:00	0	23	8	0	0	0	0	1	2	0	0	0	2	0	36
	05:15	0	27	12	0	1	0	0	0	5	1	0	0	4	0	50
	05:30	0	37	21	0	0	0	0	1	3	0	0	0	2	0	64
	05:45	0	32	22	0	0	0	0	0	4	0	0	0	0	1	59
	06:00	0	44	29	1	1	0	0	0	1	0	0	2	1	0	79
	06:15	0	72	29	0	0	0	0	0	1	0	0	0	3	0	105
	06:30	0	90	46	0	1	0	0	0	6	0	0	0	1	0	144
	06:45	0	68	32	0	1	0	0	0	5	1	1	1	5	0	114
	07:00	0	89	47	0	0	0	0	3	3	1	0	0	5	0	148
	07:15	0	109	47	0	2	0	0	0	3	0	0	0	4	0	165
	07:30	0	119	60	0	1	3	0	1	6	0	1	0	1	2	194
	07:45	1	84	55	1	2	0	0	1	5	0	0	0	3	0	152
	08:00	0	75	52	1	0	0	1	3	7	1	0	1	4	4	149
	08:15	0	64	49	0	3	1	0	2	9	2	0	0	5	0	135
	08:30	0	66	45	2	1	2	0	1	10	0	1	0	2	2	132
	08:45	0	65	54	2	2	0	0	0	8	0	0	0	2	0	133
	09:00	0	57	43	1	3	0	0	1	14	0	0	0	2	2	123
	09:15	0	55	52	0	2	1	0	1	8	2	0	0	2	1	124
	09:30	1	74	42	2	1	2	0	2	10	0	0	0	4	1	139
	09:45	0	58	55	0	3	1	0	2	11	2	0	0	1	1	134
	10:00	0	54	44	0	2	1	0	1	8	0	0	0	2	1	113
	10:15	0	59	51	0	3	3	0	0	9	3	0	0	2	1	131
	10:30	0	60	40	1	3	4	0	2	10	2	0	0	2	1	125
	10:45	0	55	41	1	1	5	0	1	11	0	0	0	5	2	122
	11:00	1	60	51	0	0	3	0	3	9	6	0	1	1	0	135
	11:15	0	55	49	0	0	1	0	2	13	6	0	0	3	0	129
	11:30	1	55	35	0	0	2	0	0	11	4	0	0	5	1	114
	11:45	0	49	47	0	1	1	0	2	6	3	0	0	4	1	114
	12:00	0	58	49	0	1	1	0	1	12	0	0	0	1	0	123
	12:15	0	49	49	1	0	0	0	1	10	1	0	0	3	2	116

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	61	43	0	0	3	1	3	15	0	0	0	2	0	128
Tue	12:45	1	35	52	3	0	3	0	0	13	1	0	0	3	0	111
	13:00	0	37	30	0	0	1	0	2	21	2	0	1	1	1	96
	13:15	1	46	33	2	0	4	0	3	12	0	0	0	4	2	107
	13:30	0	39	37	2	1	3	0	2	16	3	0	0	4	2	109
	13:45	0	54	46	0	0	0	0	0	11	3	0	0	4	0	118
	14:00	1	56	34	2	4	1	0	2	12	1	0	0	4	0	117
	14:15	0	50	45	3	2	4	0	3	12	5	0	0	6	0	130
	14:30	0	50	40	0	4	2	1	2	13	0	0	0	1	2	115
	14:45	0	46	45	1	0	0	0	1	13	2	0	0	2	1	111
	15:00	0	58	35	0	3	1	0	1	10	2	0	1	2	0	113
	15:15	0	58	37	0	0	1	0	3	20	0	0	0	3	0	122
	15:30	0	48	46	2	5	2	1	0	13	3	0	0	7	0	127
	15:45	0	57	53	0	0	1	0	2	12	0	0	0	1	1	127
	16:00	1	60	59	0	1	1	0	1	6	4	0	0	4	1	138
	16:15	1	61	65	1	2	0	1	3	16	1	0	0	2	0	153
	16:30	0	63	53	0	2	4	0	1	11	0	0	0	2	0	136
	16:45	0	53	52	1	0	1	0	0	16	1	1	0	3	0	128
	17:00	0	67	42	0	2	2	0	2	12	2	0	0	0	0	129
	17:15	1	50	52	0	2	1	0	0	9	1	0	0	1	0	117
	17:30	3	67	58	0	3	1	0	1	12	2	0	0	2	1	150
	17:45	0	42	34	1	0	0	0	0	8	1	0	0	1	2	89
	18:00	0	39	32	0	1	0	0	3	14	1	0	0	1	0	91
	18:15	0	42	30	2	0	1	0	2	12	2	0	0	6	0	97
	18:30	0	41	40	3	2	0	0	1	10	0	0	0	1	0	98
	18:45	0	38	31	1	1	1	0	1	6	0	0	0	0	1	80
	19:00	0	28	22	0	1	1	0	2	13	1	0	0	2	0	70
	19:15	0	28	26	2	4	1	0	2	6	2	0	0	0	0	71
	19:30	0	29	25	1	0	0	0	1	11	0	0	0	1	1	69
	19:45	0	18	26	1	2	0	0	1	16	3	0	0	2	1	70
	20:00	0	21	22	1	0	0	0	3	8	1	0	0	1	0	57
	20:15	1	17	17	2	0	0	0	3	10	0	0	0	0	0	50
	20:30	0	19	22	0	2	1	0	1	4	0	0	0	2	1	52
	20:45	0	22	13	1	0	1	0	1	12	3	0	0	2	0	55
	21:00	0	27	16	0	0	0	0	1	5	1	0	0	0	0	50
	21:15	1	13	11	0	1	0	0	0	13	2	0	0	1	0	42
	21:30	0	19	15	1	1	0	0	1	4	0	0	0	1	0	42
	21:45	0	20	13	0	1	0	0	2	7	1	0	0	1	1	46
	22:00	0	18	10	0	0	0	0	0	7	1	0	0	1	0	37
	22:15	0	16	7	0	0	0	0	1	5	0	0	0	0	1	30
	22:30	0	18	9	0	0	0	0	0	5	0	0	0	1	0	33
	22:45	0	16	10	1	1	0	0	0	3	0	0	0	1	0	32
	23:00	0	8	2	1	2	0	0	2	2	0	0	0	3	0	20
	23:15	0	7	10	0	0	0	0	0	4	0	0	0	0	1	22
	23:30	0	7	2	1	1	0	0	0	5	0	0	0	0	1	17
	23:45	0	4	9	0	0	0	0	0	5	1	0	0	2	0	21
Daily Total :		15	3631	2732	51	89	73	6	102	740	90	7	10	183	47	7776
Percent :		0%	47%	35%	1%	1%	1%	0%	1%	10%	1%	0%	0%	2%	1%	
Average :		0	38	28	1	1	1	0	1	8	1	0	0	2	0	81

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	4	8	0	0	0	0	1	3	0	0	0	0	0	16
Wed	00:15	0	6	6	1	0	0	0	0	3	0	0	0	2	0	18
	00:30	0	1	0	0	0	0	0	0	4	0	0	0	1	0	6
	00:45	0	5	3	0	0	0	0	0	2	1	0	2	0	0	13
	01:00	0	4	4	0	0	0	0	1	4	0	0	0	1	0	14
	01:15	0	2	2	0	0	1	0	0	3	0	0	0	1	0	9
	01:30	0	2	2	0	0	0	0	1	2	0	0	0	1	0	8
	01:45	0	2	1	0	0	0	0	0	4	0	0	0	0	0	7
	02:00	0	2	1	0	0	0	0	0	4	1	0	0	1	0	9
	02:15	0	5	0	0	0	0	0	0	2	0	0	0	0	0	7
	02:30	0	4	0	0	0	0	0	0	1	0	0	0	1	0	6
	02:45	0	0	0	0	0	0	0	0	4	1	0	1	3	1	10
	03:00	0	3	2	0	0	0	0	2	4	0	0	0	0	1	12
	03:15	0	10	5	0	1	0	0	0	6	0	0	1	0	0	23
	03:30	0	9	8	0	0	0	0	1	3	0	0	1	2	0	24
	03:45	0	8	4	0	1	0	0	0	3	0	0	0	0	0	16
	04:00	0	3	1	0	0	0	0	0	2	1	0	0	1	0	8
	04:15	0	8	7	0	0	0	0	1	5	1	0	1	0	0	23
	04:30	0	18	3	0	0	0	0	0	3	1	1	0	3	0	29
	04:45	0	18	8	0	0	0	0	0	0	0	1	0	1	0	28
	05:00	0	13	11	0	0	0	0	0	5	0	0	0	0	1	30
	05:15	0	23	15	0	0	0	0	0	3	2	0	2	3	0	48
	05:30	0	36	23	0	0	1	0	1	4	2	0	0	2	0	69
	05:45	0	22	17	0	1	0	0	0	2	0	0	0	1	0	43
	06:00	0	54	25	0	0	0	0	2	6	0	0	1	1	0	89
	06:15	0	67	33	0	1	0	0	0	8	0	1	0	2	0	112
	06:30	0	77	47	0	1	0	0	0	3	1	0	0	5	1	135
	06:45	0	70	31	1	1	1	0	0	6	0	0	0	2	0	112
	07:00	0	90	51	0	1	0	0	2	10	0	0	0	4	1	159
	07:15	1	95	58	1	3	0	0	0	13	2	0	0	2	2	177
	07:30	0	146	74	0	1	0	0	3	4	0	0	1	2	0	231
	07:45	2	81	59	1	1	2	0	1	7	1	0	1	5	0	161
	08:00	1	73	42	3	2	1	0	2	8	1	0	2	3	2	140
	08:15	0	93	58	0	0	0	0	1	5	1	0	0	1	0	159
	08:30	0	76	61	1	0	2	0	0	10	0	0	1	2	0	153
	08:45	0	58	46	0	1	1	0	2	15	1	1	0	2	2	129
	09:00	0	58	42	0	1	3	0	0	14	1	0	0	4	1	124
	09:15	2	56	57	2	3	1	0	2	17	0	0	0	1	0	141
	09:30	0	66	60	3	1	1	0	1	12	0	0	1	2	0	147
	09:45	0	57	57	1	2	1	0	0	14	1	0	0	2	1	136
	10:00	1	61	42	0	0	2	0	0	8	1	0	0	5	2	122
	10:15	0	59	49	2	3	2	0	1	10	0	0	0	1	1	128
	10:30	1	51	53	1	1	3	1	0	16	1	0	0	3	0	131
	10:45	0	50	49	1	0	2	0	0	10	2	0	0	2	1	117
	11:00	0	51	39	0	2	2	0	1	17	0	0	0	1	0	113
	11:15	0	62	51	0	1	1	0	3	13	1	0	0	1	0	133
	11:30	0	50	51	0	2	1	0	1	14	1	0	0	2	1	123
	11:45	0	44	40	1	2	2	1	1	15	1	0	0	2	0	109
	12:00	0	33	52	2	0	2	1	1	10	1	0	0	1	0	103
	12:15	0	52	40	0	0	1	0	3	13	0	0	2	6	0	117

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	2	59	47	2	2	1	0	2	11	0	0	0	2	0	128
Wed	12:45	0	45	34	1	4	1	0	1	17	2	0	0	5	1	111
	13:00	0	50	62	1	3	1	0	1	16	0	0	0	1	0	135
	13:15	1	44	39	1	1	3	0	1	18	1	0	0	0	0	109
	13:30	0	45	54	1	2	0	1	2	17	1	0	0	1	1	125
	13:45	1	41	39	3	3	2	0	1	11	0	0	0	0	0	101
	14:00	0	45	40	1	4	5	1	1	15	1	0	0	2	1	116
	14:15	0	39	39	2	2	1	0	2	15	0	0	0	7	0	107
	14:30	0	51	52	0	2	1	2	3	24	2	0	0	2	0	139
	14:45	1	38	49	0	1	1	1	2	16	0	0	0	2	0	111
	15:00	0	65	49	0	2	1	0	3	12	0	0	0	1	0	133
	15:15	1	37	48	1	3	1	0	1	13	2	0	0	3	0	110
	15:30	0	51	53	1	2	2	0	6	11	1	0	0	4	0	131
	15:45	0	46	59	1	0	0	0	3	13	1	0	0	3	1	127
	16:00	1	61	63	1	2	4	1	0	8	2	0	0	2	0	145
	16:15	0	48	62	2	0	0	0	5	12	2	0	0	2	0	133
	16:30	0	51	51	1	0	0	1	4	13	1	0	0	1	1	124
	16:45	2	38	40	2	0	0	0	0	14	0	0	0	2	0	98
	17:00	1	66	45	0	1	1	0	0	12	2	1	0	1	0	130
	17:15	0	49	42	0	0	0	1	3	22	1	0	0	1	1	120
	17:30	0	60	61	0	1	0	0	2	10	1	0	0	3	0	138
	17:45	0	45	42	1	4	1	0	0	6	0	0	1	2	0	102
	18:00	1	38	53	1	1	0	0	5	4	0	1	0	2	0	106
	18:15	0	35	40	1	2	0	0	2	7	0	0	0	0	0	87
	18:30	0	44	27	0	1	1	0	3	8	1	0	0	3	2	90
	18:45	0	28	32	1	1	1	0	2	8	0	0	0	3	0	76
	19:00	0	28	29	2	1	2	0	6	11	1	0	0	1	2	83
	19:15	0	24	22	0	4	0	0	2	9	0	0	0	0	0	61
	19:30	1	37	18	2	1	0	0	0	8	1	0	0	1	0	69
	19:45	0	30	23	0	0	0	0	2	3	1	0	0	2	0	61
	20:00	1	23	13	1	4	1	0	3	6	1	0	1	1	0	55
	20:15	1	29	9	0	0	0	0	2	10	0	0	0	2	0	53
	20:30	0	17	11	0	0	1	0	1	7	0	0	0	0	1	38
	20:45	0	29	16	1	2	0	0	1	7	1	0	0	1	0	58
	21:00	0	31	14	1	0	0	0	0	6	0	0	0	0	0	52
	21:15	0	21	9	0	2	0	0	3	5	2	0	0	0	0	42
	21:30	0	25	12	0	3	0	0	1	11	1	0	0	0	0	53
	21:45	0	13	7	1	2	0	0	4	5	1	0	0	2	0	35
	22:00	0	14	8	0	0	0	0	2	4	0	0	0	2	0	30
	22:15	0	16	8	1	0	0	0	0	3	0	0	0	0	0	28
	22:30	1	6	11	0	0	0	0	1	5	0	0	0	0	0	24
	22:45	0	12	6	1	0	0	0	1	4	0	0	0	0	0	24
	23:00	0	8	7	0	0	0	0	0	6	1	0	0	0	0	22
	23:15	0	8	5	0	0	0	0	1	3	0	0	0	1	0	18
	23:30	0	10	2	0	0	1	0	0	5	0	0	0	2	0	20
	23:45	0	7	2	0	0	0	0	0	3	0	0	1	0	0	13
Daily Total :		23	3545	2852	56	96	66	11	120	808	58	6	20	158	29	7848
Percent :		0%	45%	36%	1%	1%	1%	0%	2%	10%	1%	0%	0%	2%	0%	
Average :		0	37	30	1	1	1	0	1	8	1	0	0	2	0	82

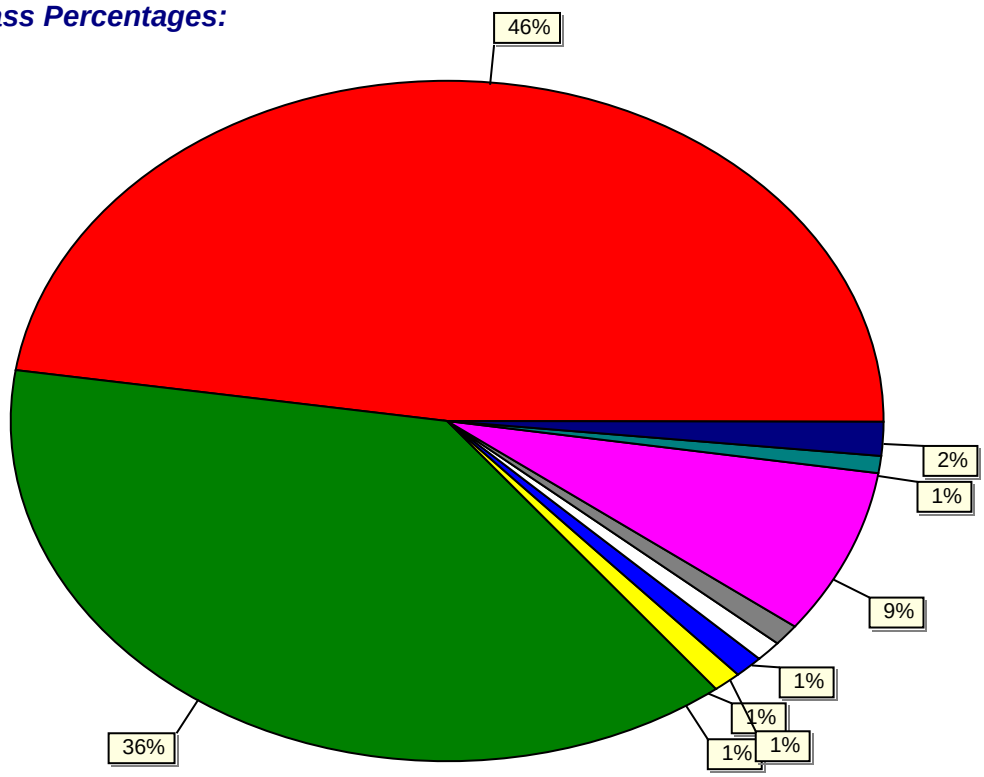
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	6	3	1	2	0	0	0	4	0	0	0	0	0	16
Thu	00:15	0	10	4	0	0	0	0	1	0	0	0	0	2	1	18
	00:30	0	1	6	0	0	0	0	0	2	0	0	0	2	0	11
	00:45	0	3	2	0	0	0	0	0	2	0	0	1	0	0	8
	01:00	0	2	1	0	1	0	0	1	1	0	0	0	0	0	6
	01:15	0	5	2	0	1	0	0	1	3	0	0	0	0	0	12
	01:30	0	1	3	0	0	0	0	1	1	0	0	0	1	0	7
	01:45	0	3	0	0	0	0	0	0	0	0	0	0	0	1	4
	02:00	0	2	4	0	2	0	0	0	3	1	0	0	0	0	12
	02:15	0	2	0	0	0	0	0	1	0	0	0	0	2	0	5
	02:30	0	3	2	0	0	0	0	1	2	0	0	0	1	0	9
	02:45	0	1	3	0	2	0	0	2	4	0	0	1	0	0	13
	03:00	0	5	4	0	0	0	0	1	0	0	0	1	0	0	11
	03:15	0	8	8	0	0	0	0	1	3	0	0	1	1	0	22
	03:30	0	10	6	0	1	0	0	0	1	0	0	1	1	0	20
	03:45	0	4	7	0	2	0	0	1	3	0	0	1	0	0	18
	04:00	0	6	5	0	2	0	0	1	4	0	0	0	2	0	20
	04:15	0	12	8	0	2	0	0	0	0	0	0	0	1	0	23
	04:30	0	17	4	0	0	0	0	0	1	0	0	0	2	0	24
	04:45	0	16	7	0	1	0	0	3	2	0	0	0	0	0	29
	05:00	0	24	6	0	1	0	0	1	4	0	1	0	1	0	38
	05:15	0	23	12	1	0	0	0	0	3	0	0	0	4	0	43
	05:30	0	34	25	0	0	0	0	2	1	0	0	1	2	1	66
	05:45	0	20	19	0	0	0	0	1	3	1	0	0	3	1	48
	06:00	0	45	22	0	1	1	0	1	4	0	0	0	1	0	75
	06:15	0	68	43	0	1	0	0	1	8	0	0	0	2	0	123
	06:30	0	82	44	0	0	0	0	1	5	0	1	1	3	0	137
	06:45	0	76	28	0	2	0	0	1	4	1	1	0	2	1	116
	07:00	0	89	34	1	3	0	0	1	5	0	0	0	5	1	139
Daily Total :		0	578	312	3	24	1	0	24	73	3	3	8	38	6	1073
Percent :		0%	54%	29%	0%	2%	0%	0%	2%	7%	0%	0%	1%	4%	1%	
Average :		0	20	11	0	1	0	0	1	3	0	0	0	1	0	37

Basic Axle Class Summary: 2D0032456

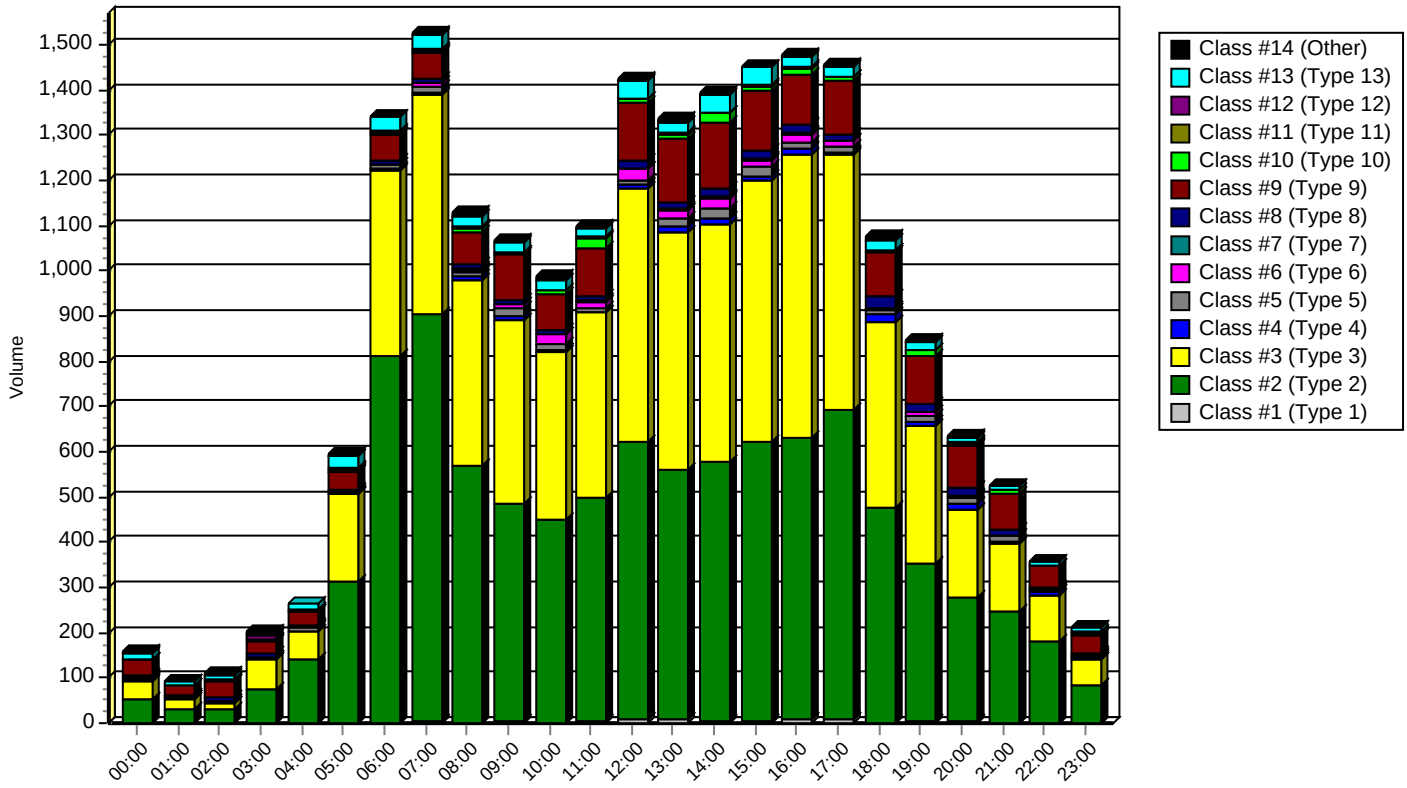
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	69	9615	7488	142	254	186	22	287	1888	186	18	39	468	98	20760
		69	9615	7488	142	254	186	22	287	1888	186	18	39	468	98	20760
Percents :	#1.	0%	46%	36%	1%	1%	1%	0%	1%	9%	1%	0%	0%	2%	0%	100%
		0%	46%	36%	1%	1%	1%	0%	1%	9%	1%	0%	0%	2%	0%	
Average :	#1.	0	36	28	1	1	1	0	1	7	1	0	0	2	0	78
		0	36	28	1	1	1	0	1	7	1	0	0	2	0	78
Days & ADT :	#1.	2.8	7381													
		2.8	7381													

2D0032456 Axle Class Charts For Data From: 11:45 - 04/11/2011 To: 07:29 - 04/14/2011

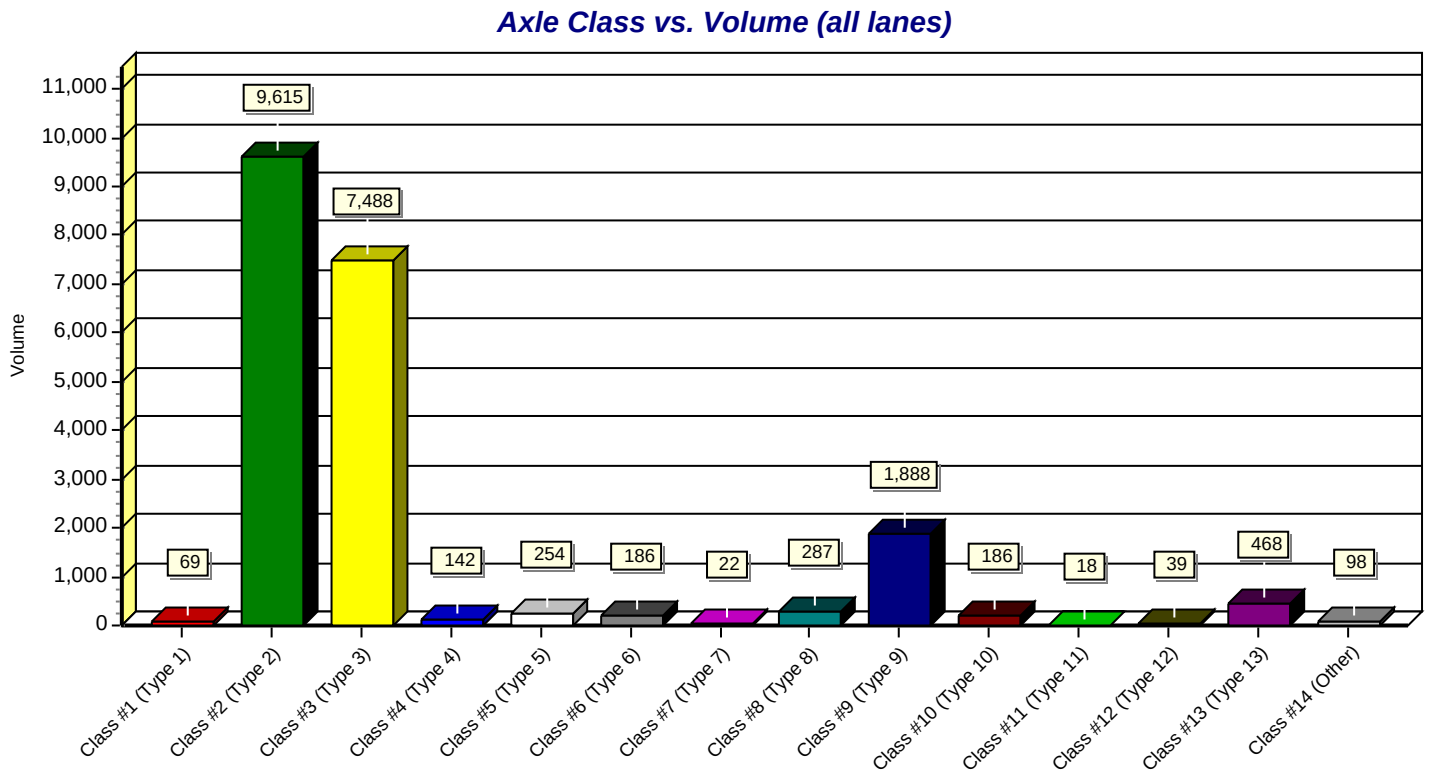
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0032456 Axle Class Charts For Data From: 11:45 - 04/11/2011 To: 07:29 - 04/14/2011



Basic Speed Classification Report: 2D0032456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 11:45 - 04/11/2011 To: 07:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	11:45	0	0	0	0	0	0	2	7	18	18	32	31	15	4	0	0	127
Mon	12:00	0	0	0	0	0	1	6	5	13	24	30	32	19	2	0	0	132
	12:15	0	0	0	0	0	0	0	4	11	27	36	29	10	2	0	0	119
	12:30	1	0	0	0	0	0	5	3	5	17	28	24	23	3	1	0	110
	12:45	0	0	0	0	0	0	1	1	5	26	36	35	17	5	0	0	126
	13:00	0	0	0	0	0	0	2	6	13	21	27	29	16	4	0	0	118
	13:15	0	0	0	0	0	0	0	4	10	20	46	22	15	5	0	0	122
	13:30	0	0	0	0	0	0	2	0	6	13	21	29	21	6	0	0	98
	13:45	0	0	0	0	0	0	1	1	4	8	35	26	11	11	0	0	97
	14:00	0	0	0	0	0	0	0	3	10	21	35	31	21	3	0	0	124
	14:15	0	0	0	0	0	0	4	3	4	22	23	20	19	10	1	0	106
	14:30	0	0	0	0	0	0	1	4	8	24	33	28	11	3	1	0	113
	14:45	0	0	0	0	0	0	2	2	9	27	26	20	14	5	0	0	105
	15:00	0	0	0	0	0	0	0	5	5	27	40	14	13	3	1	0	108
	15:15	0	0	0	0	0	0	1	4	4	19	26	27	20	6	1	0	108
	15:30	0	0	0	0	0	0	0	2	4	21	37	30	29	6	2	0	131
	15:45	0	0	0	0	0	0	3	4	12	15	32	24	18	6	1	0	115
	16:00	0	0	0	0	0	0	0	0	2	14	35	44	31	7	1	0	134
	16:15	0	0	0	0	0	0	0	2	4	10	31	32	32	10	1	0	122
	16:30	0	1	0	1	0	0	0	1	1	9	15	14	10	9	0	0	61
	16:45	0	0	0	0	0	0	0	3	3	15	22	27	21	13	0	0	104
	17:00	0	0	0	0	0	0	0	0	4	13	32	38	27	8	0	0	122
	17:15	0	0	0	0	0	0	0	0	6	18	44	35	30	5	1	0	139
	17:30	0	0	0	0	0	0	0	2	5	28	39	32	20	4	0	0	130
	17:45	0	0	0	0	0	0	0	0	3	14	21	24	22	5	2	0	91
	18:00	0	0	0	0	0	0	0	0	3	9	22	21	24	9	1	0	89
	18:15	0	0	0	0	0	0	0	1	1	10	23	25	28	12	2	0	102
	18:30	0	0	0	0	0	0	0	0	2	10	13	18	25	7	0	0	75
	18:45	0	0	0	0	0	0	0	1	3	5	19	18	25	12	0	0	83
	19:00	0	0	0	0	0	0	0	5	3	7	26	23	16	6	1	0	87
	19:15	0	0	0	0	0	0	0	1	1	13	28	22	14	7	0	0	86
	19:30	0	0	0	0	0	0	0	0	1	6	9	21	25	1	0	0	63
	19:45	0	0	0	0	0	0	0	0	2	11	10	11	15	7	1	0	57
	20:00	0	0	0	0	0	0	0	0	6	4	11	14	14	5	1	0	55
	20:15	0	0	0	0	0	0	0	1	2	15	18	11	9	1	0	0	57
	20:30	0	0	0	0	0	0	0	0	1	12	19	16	3	4	1	0	56
	20:45	0	0	0	0	0	0	0	1	6	13	12	9	5	1	0	0	47
	21:00	0	0	0	0	0	0	0	0	6	10	18	9	10	1	0	0	54
	21:15	0	0	0	0	0	0	1	3	6	6	15	9	6	1	0	0	47
	21:30	0	0	0	0	0	0	1	1	1	5	12	9	5	1	0	0	35

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
04/11/11	21:45	0	0	0	0	0	0	0	1	7	5	8	2	6	0	0	0	29
Mon	22:00	0	0	0	0	0	0	0	2	2	6	7	6	12	3	0	0	38
	22:15	0	0	0	0	0	1	0	0	3	6	8	13	6	0	0	0	37
	22:30	0	0	0	0	0	0	0	0	1	3	5	8	4	3	0	0	24
	22:45	0	0	0	0	0	0	1	2	3	6	4	2	3	0	0	0	21
	23:00	0	0	0	0	0	0	0	0	0	1	3	6	5	2	0	0	17
	23:15	0	0	0	0	0	0	0	1	2	7	8	0	3	1	0	0	22
	23:30	0	0	0	0	0	0	0	2	2	3	2	0	2	0	0	0	11
	23:45	0	0	0	0	0	0	0	1	2	2	0	4	0	0	0	0	9
Daily Total :		1	1	0	1	0	2	33	89	235	646	1082	974	750	229	20	0	4063
	Percent :	0%	0%	0%	0%	0%	0%	1%	2%	6%	16%	27%	24%	18%	6%	0%	0%	
	Average :	0	0	0	0	0	0	1	2	5	13	22	20	15	5	0	0	78

Speeds - Average: 69.7 50% : 69.8 67% : 73.3 85% : 77.6 10mph Pace: 65.0 - 74.9 (50.6%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	2	3	3	3	3	0	0	0	0	14
Tue	00:15	0	0	0	0	0	0	0	0	0	3	5	1	1	0	0	0	10
	00:30	0	0	0	0	0	0	0	1	1	3	5	2	1	1	0	0	14
	00:45	0	0	0	0	0	0	1	0	2	4	2	2	2	0	0	0	13
	01:00	0	0	0	0	0	0	0	0	0	3	0	0	2	2	0	0	7
	01:15	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	5
	01:30	0	0	0	0	0	0	0	3	0	1	4	0	0	0	0	0	8
	01:45	0	0	0	0	0	0	0	2	0	2	1	1	0	0	0	0	6
	02:00	0	0	0	0	0	0	0	0	4	1	6	1	0	0	0	0	12
	02:15	0	0	0	0	0	0	0	0	0	2	5	0	1	0	0	0	8
	02:30	0	0	0	0	0	0	0	0	2	4	2	1	2	1	0	0	12
	02:45	0	0	0	0	0	0	0	0	0	2	2	0	2	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	2	3	4	2	2	0	0	0	13
	03:15	0	0	0	0	0	0	0	1	2	4	1	1	1	1	0	0	11
	03:30	0	0	0	0	0	0	2	0	0	2	4	2	2	2	0	0	14
	03:45	0	0	0	0	0	0	1	1	1	5	8	2	0	0	0	0	18
	04:00	0	0	0	0	0	0	0	0	1	5	3	1	3	0	0	0	13
	04:15	0	0	0	0	0	0	1	0	0	5	5	4	3	2	0	0	20
	04:30	0	0	0	0	1	0	0	2	2	3	8	3	1	1	0	0	21
	04:45	0	0	0	0	0	0	0	1	0	6	9	7	3	1	0	0	27
	05:00	0	0	0	0	1	0	1	0	4	11	5	7	6	1	0	0	36
	05:15	0	0	0	0	0	0	0	2	7	10	19	9	3	0	0	0	50
	05:30	0	0	0	0	0	0	0	1	5	20	17	10	9	2	0	0	64
	05:45	0	0	0	0	0	0	0	2	3	11	18	8	14	3	0	0	59
	06:00	0	0	0	0	0	0	0	1	10	20	32	10	5	1	0	0	79
	06:15	0	0	0	0	0	0	0	2	4	29	39	19	10	2	0	0	105
	06:30	0	0	0	0	0	0	0	2	7	32	41	38	17	7	0	0	144
	06:45	0	0	0	0	0	0	1	2	7	20	34	25	20	4	1	0	114
	07:00	1	0	0	0	0	0	0	1	16	28	57	29	15	1	0	0	148
	07:15	1	0	0	0	0	0	1	3	13	33	53	41	19	1	0	0	165
	07:30	0	0	0	0	0	0	2	2	9	43	79	45	13	0	1	0	194
	07:45	0	0	0	0	0	0	1	1	6	33	48	37	23	3	0	0	152
	08:00	0	0	0	0	0	0	2	3	9	29	52	31	17	6	0	0	149
	08:15	0	0	0	0	0	0	5	5	14	26	37	21	16	10	1	0	135
	08:30	0	0	0	0	0	0	1	4	10	26	47	19	20	5	0	0	132
	08:45	0	0	0	0	0	0	2	4	16	27	41	22	17	4	0	0	133
	09:00	0	0	0	0	0	0	1	3	15	33	41	21	6	3	0	0	123
	09:15	0	0	0	0	0	1	1	1	10	31	41	22	13	4	0	0	124
	09:30	1	0	0	0	0	0	1	2	17	38	37	26	13	4	0	0	139
	09:45	0	0	0	0	0	0	0	2	8	28	46	28	19	2	1	0	134
	10:00	0	0	0	0	0	0	1	3	8	35	31	23	8	4	0	0	113
	10:15	0	0	0	0	0	0	1	3	15	30	40	27	9	6	0	0	131
	10:30	0	0	0	0	0	3	3	2	14	22	41	24	12	4	0	0	125
	10:45	0	0	0	0	0	1	1	8	21	21	31	19	14	5	1	0	122
	11:00	0	0	0	0	0	0	1	4	16	34	37	28	12	3	0	0	135
	11:15	0	0	0	0	0	0	2	2	12	50	32	20	6	5	0	0	129
	11:30	0	0	0	0	0	0	3	4	10	27	34	22	12	2	0	0	114
	11:45	0	0	0	0	0	0	3	1	14	23	32	22	13	5	1	0	114
	12:00	0	0	0	0	0	0	1	0	4	26	42	32	17	1	0	0	123
	12:15	0	0	0	0	0	0	3	1	5	22	36	27	15	7	0	0	116

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	2	4	10	16	23	40	19	12	2	0	0	128
Tue	12:45	0	0	0	0	0	0	4	1	10	25	36	22	11	1	1	0	111
	13:00	0	0	0	0	0	1	3	3	12	28	29	11	8	1	0	0	96
	13:15	0	0	0	0	0	0	2	4	6	21	27	21	22	4	0	0	107
	13:30	0	0	0	1	0	0	1	3	8	30	26	21	19	0	0	0	109
	13:45	0	0	0	0	0	0	3	4	8	24	40	21	12	5	1	0	118
	14:00	0	0	0	0	0	0	2	6	11	19	34	27	12	6	0	0	117
	14:15	0	0	0	0	0	0	1	0	9	18	50	36	13	3	0	0	130
	14:30	0	0	0	0	0	1	1	5	9	29	38	21	8	3	0	0	115
	14:45	0	0	0	0	0	0	1	3	8	25	41	16	13	4	0	0	111
	15:00	0	0	0	0	0	0	0	5	16	21	37	18	13	3	0	0	113
	15:15	0	0	0	0	0	0	2	2	9	26	40	20	21	2	0	0	122
	15:30	0	0	0	0	0	1	3	5	7	25	52	19	14	1	0	0	127
	15:45	0	0	0	0	0	0	2	6	13	19	40	23	16	8	0	0	127
	16:00	0	0	0	0	0	0	2	2	12	32	40	35	13	2	0	0	138
	16:15	0	0	0	0	0	0	2	2	11	33	58	25	19	3	0	0	153
	16:30	1	0	0	0	0	0	0	1	12	27	35	33	22	5	0	0	136
	16:45	0	0	0	0	0	0	0	1	4	29	43	30	16	5	0	0	128
	17:00	0	0	0	0	0	0	0	1	13	35	35	29	14	2	0	0	129
	17:15	0	0	0	0	0	0	4	2	7	16	39	30	16	3	0	0	117
	17:30	0	0	0	0	0	1	2	2	11	41	52	31	9	1	0	0	150
	17:45	1	0	0	0	0	0	0	0	5	21	23	15	20	3	1	0	89
	18:00	0	0	0	0	0	0	2	2	4	19	36	9	15	4	0	0	91
	18:15	0	0	0	0	0	0	0	4	7	17	33	19	13	4	0	0	97
	18:30	0	0	0	0	0	0	0	2	4	9	33	19	22	6	3	0	98
	18:45	0	0	0	0	0	0	0	1	3	11	19	15	17	12	2	0	80
	19:00	0	0	0	0	0	0	0	1	2	11	23	13	14	6	0	0	70
	19:15	0	0	0	0	0	0	0	5	4	14	18	19	7	1	3	0	71
	19:30	0	0	0	0	0	0	0	0	5	6	24	17	10	5	2	0	69
	19:45	0	0	0	0	0	0	0	2	5	8	20	20	10	5	0	0	70
	20:00	0	0	0	0	0	0	0	0	4	9	15	17	9	3	0	0	57
	20:15	0	0	0	0	0	0	0	7	4	7	13	6	6	7	0	0	50
	20:30	1	0	0	0	0	0	0	0	4	13	15	11	5	2	1	0	52
	20:45	0	0	0	0	0	0	0	2	5	12	19	12	5	0	0	0	55
	21:00	0	0	0	0	0	0	0	1	2	7	16	8	14	2	0	0	50
	21:15	0	0	0	0	0	0	0	1	3	9	18	5	6	0	0	0	42
	21:30	0	0	0	0	0	0	0	1	2	4	14	11	7	3	0	0	42
	21:45	0	0	0	0	0	0	2	0	2	4	17	10	6	5	0	0	46
	22:00	0	0	0	0	0	0	0	4	2	12	6	8	5	0	0	0	37
	22:15	0	0	0	0	0	0	0	0	1	6	8	5	9	1	0	0	30
	22:30	0	0	0	0	0	0	0	1	2	2	13	8	3	3	1	0	33
	22:45	0	0	0	0	0	0	0	0	1	5	9	6	5	6	0	0	32
	23:00	0	0	0	0	0	0	0	1	1	6	9	2	0	1	0	0	20
	23:15	0	0	0	0	0	0	0	1	5	5	5	5	0	1	0	0	22
	23:30	0	0	0	0	0	0	0	0	4	3	8	1	0	1	0	0	17
	23:45	0	0	0	0	0	0	0	0	1	2	6	5	7	0	0	0	21

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		6	0	0	1	2	11	86	188	623	1648	2470	1520	938	262	21	0	7776
Percent :		0%	0%	0%	0%	0%	0%	1%	2%	8%	21%	32%	20%	12%	3%	0%	0%	
Average :		0	0	0	0	0	0	1	2	6	17	26	16	10	3	0	0	83

Speeds - Average: 67.7 50% : 67.7 67% : 70.7 85% : 75.4 10mph Pace: 60.1 - 70.0 (53.0%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	3	5	4	1	1	2	0	0	16
Wed	00:15	0	0	0	0	0	0	1	0	0	1	9	3	4	0	0	0	18
	00:30	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	0	6
	00:45	0	0	0	0	0	0	1	0	3	4	3	2	0	0	0	0	13
	01:00	0	0	0	0	0	1	0	1	3	2	4	2	0	1	0	0	14
	01:15	0	0	0	0	0	0	0	0	0	1	4	3	1	0	0	0	9
	01:30	0	0	0	0	0	0	0	0	0	2	5	1	0	0	0	0	8
	01:45	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	7
	02:00	0	0	0	0	0	0	0	1	0	1	6	0	1	0	0	0	9
	02:15	0	0	0	0	0	0	0	0	0	3	1	3	0	0	0	0	7
	02:30	0	0	0	0	0	0	1	0	2	1	2	0	0	0	0	0	6
	02:45	0	0	0	0	0	0	1	1	0	3	4	1	0	0	0	0	10
	03:00	0	0	0	0	0	0	0	0	2	2	3	2	3	0	0	0	12
	03:15	0	0	0	0	0	0	0	2	2	8	4	5	2	0	0	0	23
	03:30	0	0	0	0	0	0	1	0	2	6	10	4	1	0	0	0	24
	03:45	0	0	0	0	0	0	0	1	2	7	2	2	1	1	0	0	16
	04:00	0	0	0	0	0	0	1	1	1	1	4	0	0	0	0	0	8
	04:15	0	0	0	0	0	0	0	0	2	6	9	3	2	0	1	0	23
	04:30	0	0	0	0	0	0	0	0	5	5	12	4	3	0	0	0	29
	04:45	0	0	0	0	0	1	0	1	1	5	8	8	2	2	0	0	28
	05:00	0	0	0	0	0	0	0	0	3	9	8	6	2	2	0	0	30
	05:15	0	0	0	0	0	0	1	2	7	10	11	9	8	0	0	0	48
	05:30	0	0	0	0	0	0	1	1	4	12	23	20	5	3	0	0	69
	05:45	0	0	0	0	0	0	3	0	4	5	10	8	7	5	1	0	43
	06:00	0	0	0	0	0	0	0	0	4	33	22	16	9	5	0	0	89
	06:15	0	0	0	0	0	0	0	3	7	23	43	21	13	2	0	0	112
	06:30	0	0	0	0	0	0	1	2	10	26	58	26	11	1	0	0	135
	06:45	0	0	0	0	0	0	1	1	4	14	35	28	18	10	1	0	112
	07:00	0	0	0	0	0	0	4	5	7	19	42	51	25	6	0	0	159
	07:15	1	0	0	0	0	0	1	0	8	31	58	42	30	5	1	0	177
	07:30	0	0	0	0	0	0	0	0	7	34	71	71	36	11	1	0	231
	07:45	0	0	0	0	0	0	0	0	7	38	44	48	16	8	0	0	161
	08:00	1	0	0	0	0	0	1	5	7	27	35	35	22	7	0	0	140
	08:15	0	0	0	0	0	0	3	1	0	26	43	45	33	7	1	0	159
	08:30	0	0	0	0	0	0	2	2	8	34	50	32	20	5	0	0	153
	08:45	0	0	0	0	0	1	4	4	7	27	46	24	12	4	0	0	129
	09:00	0	0	0	0	0	0	1	0	11	22	39	27	21	3	0	0	124
	09:15	0	0	0	0	0	0	0	4	11	22	45	34	17	7	1	0	141
	09:30	0	0	0	0	0	0	4	5	13	32	44	26	19	4	0	0	147
	09:45	0	0	0	0	0	0	5	1	9	28	38	34	17	4	0	0	136
	10:00	1	0	0	0	0	0	3	6	8	22	41	26	14	1	0	0	122
	10:15	0	0	0	0	0	0	0	4	6	31	40	29	14	4	0	0	128
	10:30	1	0	0	0	0	0	8	4	12	37	36	19	11	3	0	0	131
	10:45	0	1	0	0	0	2	2	4	6	25	31	30	11	5	0	0	117
	11:00	0	0	0	0	0	0	1	2	6	13	33	27	19	9	3	0	113
	11:15	0	0	0	0	0	0	3	3	6	25	40	31	23	2	0	0	133
	11:30	0	0	0	0	0	0	3	2	13	31	34	21	13	6	0	0	123
	11:45	0	0	0	0	0	0	0	3	8	20	30	24	20	3	1	0	109
	12:00	0	0	0	0	0	0	3	4	11	22	28	24	9	2	0	0	103
	12:15	0	0	0	0	0	0	3	2	14	26	38	19	9	6	0	0	117

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	2	2	4	24	40	24	24	7	1	0	128
Wed	12:45	0	0	0	0	0	0	0	4	9	20	47	15	14	2	0	0	111
	13:00	0	0	0	0	0	0	0	1	5	18	53	38	17	3	0	0	135
	13:15	0	0	0	0	0	0	0	7	11	29	30	14	12	6	0	0	109
	13:30	0	0	0	0	0	0	3	3	8	21	41	34	11	4	0	0	125
	13:45	0	0	0	0	0	0	0	3	15	14	30	24	10	5	0	0	101
	14:00	0	0	0	0	0	0	1	4	9	26	42	16	15	3	0	0	116
	14:15	0	0	0	0	0	1	1	3	7	28	42	11	11	3	0	0	107
	14:30	0	0	0	0	0	1	6	8	17	33	39	22	12	1	0	0	139
	14:45	0	0	0	0	0	1	3	7	1	27	36	18	13	5	0	0	111
	15:00	0	0	0	0	0	0	0	3	11	42	28	28	21	0	0	0	133
	15:15	0	0	0	0	0	0	2	4	14	35	31	14	9	1	0	0	110
	15:30	0	0	0	0	0	0	4	3	11	23	50	19	17	4	0	0	131
	15:45	0	0	0	0	0	0	4	2	9	34	45	23	10	0	0	0	127
	16:00	0	0	0	0	0	0	1	2	24	39	43	27	9	0	0	0	145
	16:15	0	0	0	0	0	1	0	4	7	39	41	21	16	4	0	0	133
	16:30	0	0	0	0	0	0	4	5	18	22	33	27	13	2	0	0	124
	16:45	0	0	0	0	0	0	2	2	5	30	36	13	7	3	0	0	98
	17:00	0	0	0	0	0	0	1	5	21	29	39	15	18	2	0	0	130
	17:15	0	0	0	0	0	0	0	2	21	25	45	20	7	0	0	0	120
	17:30	0	0	0	0	0	0	0	3	29	35	43	19	8	1	0	0	138
	17:45	0	0	0	0	0	0	1	2	13	25	25	19	15	2	0	0	102
	18:00	0	0	0	0	0	0	1	0	9	15	32	24	18	7	0	0	106
	18:15	1	0	0	1	1	0	3	2	9	25	20	14	9	2	0	0	87
	18:30	0	0	0	0	0	0	0	3	14	19	25	11	16	2	0	0	90
	18:45	0	0	0	0	0	0	1	3	6	10	31	17	6	2	0	0	76
	19:00	0	0	0	0	0	0	1	5	9	12	30	12	12	2	0	0	83
	19:15	0	0	0	0	0	0	0	2	6	14	15	11	8	5	0	0	61
	19:30	0	0	0	0	0	0	3	2	3	16	23	12	9	1	0	0	69
	19:45	0	0	0	0	0	0	0	3	10	9	19	13	3	4	0	0	61
	20:00	0	0	0	0	0	0	3	2	6	13	14	9	6	2	0	0	55
	20:15	1	0	0	0	0	0	1	1	9	11	16	14	0	0	0	0	53
	20:30	0	0	0	0	0	0	0	1	10	10	9	7	1	0	0	0	38
	20:45	0	0	0	0	0	0	0	1	11	18	16	5	6	1	0	0	58
	21:00	0	0	0	0	0	0	2	0	6	21	16	4	3	0	0	0	52
	21:15	0	0	0	0	0	0	1	0	8	17	9	6	1	0	0	0	42
	21:30	0	0	0	0	0	0	0	2	5	22	12	7	4	1	0	0	53
	21:45	0	0	0	0	0	0	1	1	6	11	8	5	2	1	0	0	35
	22:00	0	0	0	0	0	0	0	0	3	11	5	3	7	1	0	0	30
	22:15	0	0	0	0	0	1	0	1	3	8	5	6	3	1	0	0	28
	22:30	0	0	0	0	0	0	0	0	6	5	3	5	4	1	0	0	24
	22:45	0	0	0	0	0	0	0	1	2	6	6	4	3	2	0	0	24
	23:00	0	0	0	0	0	0	0	0	1	3	8	5	3	2	0	0	22
	23:15	0	0	0	0	0	0	0	0	1	2	8	3	3	1	0	0	18
	23:30	0	0	0	0	0	0	0	2	4	7	4	2	1	0	0	0	20
	23:45	0	0	0	0	0	0	0	0	1	3	5	2	2	0	0	0	13

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		6	1	0	1	1	10	116	189	673	1698	2415	1560	924	242	12	0	7848
Percent :		0%	0%	0%	0%	0%	0%	1%	2%	9%	22%	31%	20%	12%	3%	0%	0%	
Average :		0	0	0	0	0	0	1	2	7	18	25	16	10	3	0	0	81

Speeds - Average: 67.5 50% : 67.6 67% : 70.6 85% : 75.0 10mph Pace: 60.1 - 70.0 (52.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	1	3	5	3	1	3	0	0	0	16
Thu	00:15	0	0	0	0	0	0	0	0	1	3	4	4	4	2	0	0	18
	00:30	0	0	0	0	0	0	1	0	0	4	1	2	3	0	0	0	11
	00:45	0	0	0	0	0	0	0	0	0	1	4	3	0	0	0	0	8
	01:00	0	0	0	0	0	0	0	1	3	1	1	0	0	0	0	0	6
	01:15	0	0	0	0	0	0	0	1	2	4	1	3	1	0	0	0	12
	01:30	0	0	0	0	0	0	1	1	0	1	2	1	0	1	0	0	7
	01:45	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	4
	02:00	0	0	0	0	0	0	1	2	3	3	0	1	1	1	0	0	12
	02:15	0	0	0	0	0	0	1	0	1	1	2	0	0	0	0	0	5
	02:30	0	0	0	0	0	0	0	0	2	1	4	2	0	0	0	0	9
	02:45	0	0	0	0	0	0	0	0	5	1	4	2	1	0	0	0	13
	03:00	0	0	0	0	0	0	0	1	4	5	0	1	0	0	0	0	11
	03:15	0	0	0	0	0	0	1	2	3	5	6	1	3	1	0	0	22
	03:30	0	0	0	0	0	0	1	1	4	5	5	2	2	0	0	0	20
	03:45	0	0	0	0	0	0	0	1	2	2	7	4	1	1	0	0	18
	04:00	0	0	0	0	0	0	1	1	4	7	5	2	0	0	0	0	20
	04:15	0	0	0	0	0	1	0	2	3	5	4	5	2	1	0	0	23
	04:30	0	0	0	0	0	0	1	2	5	5	7	2	2	0	0	0	24
	04:45	0	0	0	0	0	0	0	4	4	5	6	5	3	2	0	0	29
	05:00	0	0	0	0	0	2	0	0	6	7	13	6	2	2	0	0	38
	05:15	0	0	0	0	0	0	1	2	4	8	14	12	2	0	0	0	43
	05:30	0	0	0	0	0	0	0	4	3	18	19	15	6	1	0	0	66
	05:45	0	0	0	0	0	1	2	0	3	11	15	11	3	2	0	0	48
	06:00	0	0	0	0	0	0	0	2	8	23	21	13	5	3	0	0	75
	06:15	0	0	0	0	0	0	0	0	12	34	32	31	9	5	0	0	123
	06:30	0	0	0	0	0	0	0	0	10	39	54	18	14	2	0	0	137
	06:45	0	0	0	0	0	0	0	2	5	22	29	34	18	6	0	0	116
	07:00	0	0	0	0	0	1	0	1	10	26	34	38	22	7	0	0	139
Daily Total :		0	0	0	0	0	5	11	32	110	253	298	219	108	37	0	0	1073
	Percent :	0%	0%	0%	0%	0%	0%	1%	3%	10%	24%	28%	20%	10%	3%	0%	0%	
	Average :	0	0	0	0	0	0	0	1	4	9	10	8	4	1	0	0	82

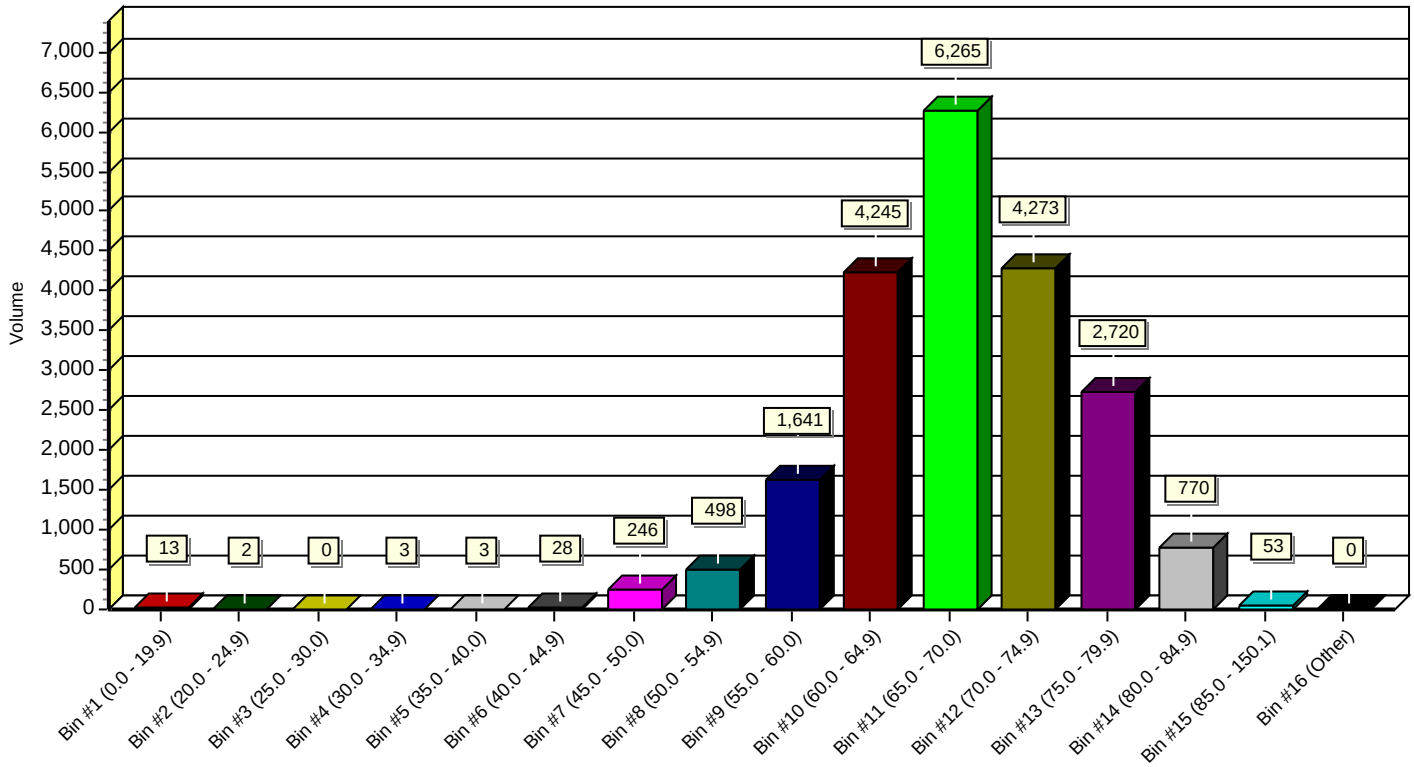
Speeds - Average: 67.0 50% : 67.2 67% : 70.4 85% : 74.5 10mph Pace: 60.1 - 70.0 (51.4%)

Basic Speed Class Summary: 2D0032456

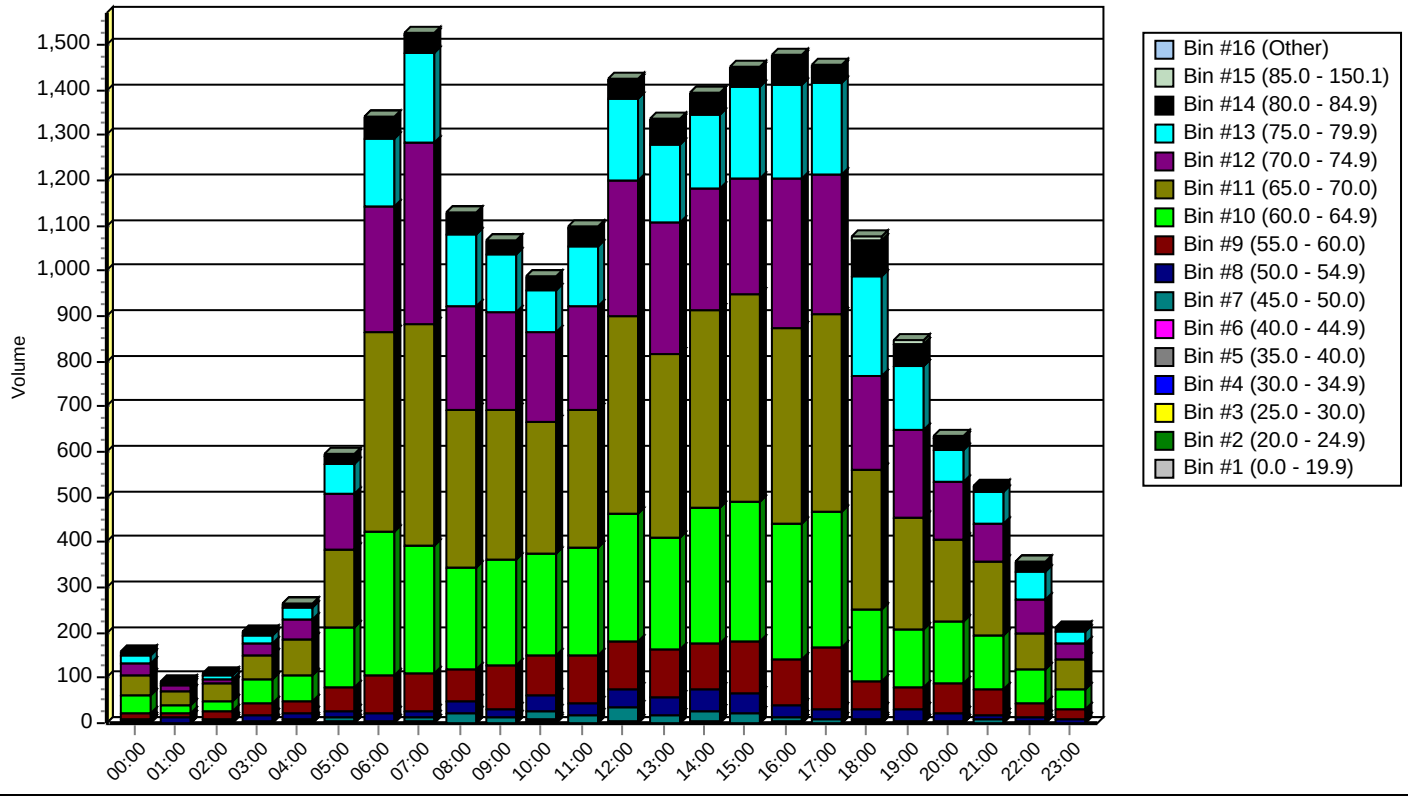
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	13	2	0	3	3	28	246	498	1641	4245	6265	4273	2720	770	53	0	20760
		13	2	0	3	3	28	246	498	1641	4245	6265	4273	2720	770	53	0	20760
Percents :	#1.	0%	0%	0%	0%	0%	0%	1%	2%	8%	20%	30%	21%	13%	4%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	1%	2%	8%	20%	30%	21%	13%	4%	0%	0%	
Average :	#1.	0	0	0	0	0	0	1	2	6	16	23	16	10	3	0	0	77
		0	0	0	0	0	0	1	2	6	16	23	16	10	3	0	0	77
Days & ADT :	#1.	2.8	7381															
		2.8	7381															
Avg,50,67,85%:	#1.	68.0	68.0	71.2	75.9	65.0	- 74.9	51%										
		68.0	68.0	71.2	75.9	65.0	- 74.9	51%										

2D0032456 Speed Class Charts For Data From: 11:45 - 04/11/2011 To: 07:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0032456

Station ID : 2P0032456
Info Line 1 : EB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 2P0032456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11460
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 10:45 - 04/11/2011 To: 06:29 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	10:45	1	26	20	0	0	0	0	0	2	0	0	0	0	0	49
Mon	11:00	0	29	20	0	0	0	0	0	1	0	0	0	0	1	51
	11:15	0	29	16	0	0	0	0	0	2	0	0	0	0	1	48
	11:30	0	30	15	0	0	0	0	1	0	0	0	0	0	2	48
	11:45	0	38	15	0	0	0	0	0	0	1	0	0	1	0	55
	12:00	0	37	12	0	0	0	0	0	0	0	0	0	0	1	50
	12:15	0	30	17	0	0	0	0	0	1	0	0	0	0	0	48
	12:30	0	24	11	0	0	0	0	0	0	0	0	0	0	2	37
	12:45	1	25	11	0	0	0	0	0	0	0	0	0	0	0	37
	13:00	1	28	11	1	1	0	0	0	2	1	0	0	0	0	45
	13:15	1	26	12	1	0	0	0	2	1	0	0	0	0	0	43
	13:30	0	20	15	0	0	0	0	1	1	0	0	0	0	1	38
	13:45	0	35	14	0	0	0	0	1	1	0	0	0	0	0	51
	14:00	0	29	13	0	0	0	0	1	1	0	0	0	0	1	45
	14:15	0	26	15	0	3	0	0	0	3	0	0	0	1	0	48
	14:30	2	35	13	0	1	0	0	0	1	0	0	0	1	2	55
	14:45	0	35	27	0	1	1	0	0	2	0	0	0	1	0	67
	15:00	0	35	12	0	0	2	0	1	0	0	0	0	0	0	50
	15:15	0	36	12	0	0	0	0	0	0	0	0	0	0	0	48
	15:30	1	67	45	0	0	2	1	0	3	0	0	0	0	0	119
	15:45	1	23	13	1	1	1	0	0	1	0	0	0	0	1	42
	16:00	0	27	20	0	0	0	0	0	1	0	0	0	0	0	48
	16:15	1	25	13	0	0	0	0	0	0	0	0	0	1	0	40
	16:30	0	42	19	0	0	0	0	1	0	0	0	0	0	0	62
	16:45	0	16	17	0	0	0	0	0	0	0	0	0	0	0	33
	17:00	0	25	13	0	1	0	0	0	0	0	0	0	0	0	39
	17:15	0	18	11	0	0	0	0	1	0	0	0	0	0	0	30
	17:30	0	10	7	0	0	0	0	0	1	0	0	0	0	0	18
	17:45	0	5	8	0	1	0	0	0	0	0	0	0	0	0	14
	18:00	0	14	9	1	0	0	0	0	0	0	0	0	0	0	24
	18:15	0	13	4	0	1	0	0	1	1	0	0	0	0	0	20
	18:30	0	12	5	0	0	0	0	1	0	0	0	0	0	0	18
	18:45	0	6	4	0	0	0	0	0	2	0	0	0	0	0	12
	19:00	0	13	4	1	0	0	0	0	0	0	0	0	0	0	18

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	19:15	0	6	1	0	0	0	0	0	1	0	0	0	0	0	8
Mon	19:30	0	12	1	0	0	0	0	0	0	0	0	0	0	0	13
	19:45	0	4	2	0	0	0	0	1	0	0	0	0	0	0	7
	20:00	0	10	4	0	0	0	0	0	1	0	0	0	0	0	15
	20:15	1	10	4	0	0	0	0	0	0	0	0	0	0	0	15
	20:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	20:45	0	5	3	0	0	0	0	1	1	0	0	0	0	0	10
	21:00	0	3	2	0	0	0	0	0	1	1	0	0	0	0	7
	21:15	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Daily Total :		10	947	498	5	10	6	1	13	32	3	0	0	5	12	1542
Percent :		1%	61%	32%	0%	1%	0%	0%	1%	2%	0%	0%	0%	0%	1%	
Average :		0	18	9	0	0	0	0	0	1	0	0	0	0	0	28

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	02:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	1	1	0	0	0	0	0	0	0	0	0	1	0	3
	03:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	3	0	0	0	0	0	0	2	0	0	0	0	0	5
	04:15	0	5	1	1	0	0	0	0	0	0	0	0	0	0	7
	04:30	0	5	3	0	0	0	0	0	1	0	0	0	2	0	11
	04:45	0	5	4	0	0	1	0	0	0	0	0	0	1	0	11
	05:00	0	8	5	0	0	0	0	0	1	0	0	0	0	0	14
	05:15	0	19	7	0	0	0	0	1	3	0	0	0	0	0	30
	05:30	0	35	23	0	0	0	0	0	2	0	0	0	0	0	60
	05:45	0	33	8	0	0	0	0	1	4	0	0	0	0	0	46
	06:00	0	40	14	0	0	0	0	0	0	0	1	0	1	0	56
	06:15	0	65	22	0	1	0	0	2	3	0	0	0	2	0	95
	06:30	0	101	31	0	0	0	0	2	3	0	1	0	0	2	140
	06:45	2	52	10	0	0	0	0	1	0	0	0	0	1	0	66
	07:00	0	57	15	3	0	0	0	0	1	0	0	0	0	0	76
	07:15	0	59	21	0	0	0	0	1	2	0	0	0	0	1	84
	07:30	0	39	20	0	0	0	0	1	1	0	0	0	0	0	61
	07:45	0	26	12	0	1	0	0	0	1	0	0	0	0	0	40
	08:00	0	32	14	0	0	0	0	0	0	0	0	0	0	0	46
	08:15	0	35	24	0	0	1	0	0	4	0	0	0	1	0	65
	08:30	0	59	21	0	0	0	0	1	2	0	0	0	0	0	83
	08:45	2	32	22	0	0	0	0	1	3	1	0	0	0	1	62
	09:00	0	41	20	0	1	1	0	0	2	0	0	0	1	0	66
	09:15	1	37	27	0	0	1	0	0	0	0	0	0	0	0	66
	09:30	0	29	13	1	0	0	0	1	1	0	0	0	0	2	47
	09:45	0	32	11	0	0	0	0	0	0	0	0	0	0	0	43
	10:00	0	35	23	0	0	0	0	0	2	0	0	0	0	1	61
	10:15	1	37	20	0	0	0	0	1	0	0	0	0	0	0	59
	10:30	0	27	12	0	2	0	0	0	4	0	0	0	2	0	47
	10:45	0	33	21	0	1	0	0	0	1	0	0	0	0	0	56
	11:00	0	30	13	0	0	0	0	0	0	0	0	0	0	0	43
	11:15	0	29	24	0	0	0	0	0	1	0	0	0	0	1	55
	11:30	0	45	8	0	4	0	0	1	3	0	0	1	1	0	63
	11:45	1	22	17	0	0	0	0	1	6	0	1	0	0	0	48
	12:00	0	23	16	0	0	0	0	1	1	1	0	0	0	0	42
	12:15	0	17	21	0	1	1	0	0	1	1	0	0	1	1	44

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	1	20	22	0	1	0	0	1	2	1	0	0	0	1	49
Tue	12:45	1	29	12	0	0	0	0	0	4	0	0	0	1	0	47
	13:00	0	33	12	0	0	0	0	1	3	1	0	0	0	0	50
	13:15	0	37	14	1	0	1	0	0	6	0	0	0	0	0	59
	13:30	0	30	18	0	2	0	0	0	1	0	0	0	0	0	51
	13:45	0	36	8	0	0	0	0	2	1	0	0	0	0	0	47
	14:00	0	30	16	0	1	0	1	1	2	0	0	0	1	0	52
	14:15	0	37	10	1	1	0	0	1	0	0	0	0	0	0	50
	14:30	0	33	19	0	0	0	0	1	1	0	0	0	0	1	55
	14:45	0	30	28	0	2	0	0	0	2	0	0	0	1	0	63
	15:00	0	47	26	0	0	2	0	0	6	1	0	0	0	0	82
	15:15	1	34	22	0	2	0	0	1	3	0	0	0	0	2	65
	15:30	0	32	16	0	1	0	0	1	5	1	0	0	0	0	56
	15:45	0	26	13	0	0	0	0	0	1	0	0	0	2	1	43
	16:00	0	36	19	0	2	0	0	0	2	1	0	0	0	2	62
	16:15	0	31	17	0	0	0	0	0	1	1	0	0	1	0	51
	16:30	0	72	21	0	1	0	0	1	1	0	0	0	0	0	96
	16:45	0	30	8	1	0	0	0	0	1	0	0	0	1	2	43
	17:00	0	24	16	0	0	0	0	0	3	0	0	0	0	0	43
	17:15	0	17	5	0	1	0	0	0	1	0	0	0	1	1	26
	17:30	1	27	10	1	0	0	0	1	1	0	0	0	0	0	41
	17:45	0	15	10	0	0	0	0	0	2	0	0	0	1	0	28
	18:00	0	11	8	0	0	0	0	0	1	0	0	0	1	0	21
	18:15	0	10	9	0	1	0	0	0	0	0	0	0	0	0	20
	18:30	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
	18:45	0	8	6	0	0	0	0	0	1	0	0	0	0	0	15
	19:00	0	10	5	0	0	0	0	0	1	0	0	0	0	0	16
	19:15	0	6	4	0	0	0	0	0	2	0	0	0	0	0	12
	19:30	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	19:45	0	9	3	1	0	0	0	0	0	0	0	0	0	0	13
	20:00	0	5	2	0	0	0	0	0	2	0	0	0	0	0	9
	20:15	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	20:30	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	20:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	21:00	0	2	5	0	0	0	0	0	1	0	0	0	0	0	8
	21:15	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	21:30	0	1	2	0	0	0	0	0	1	0	0	0	0	0	4
	21:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	3	1	0	1	0	0	0	0	0	0	0	0	0	5
	22:30	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Daily Total :		11	1956	930	10	27	8	1	27	116	9	3	3	24	19	3144
	Percent :	0%	62%	30%	0%	1%	0%	0%	1%	4%	0%	0%	0%	1%	1%	
	Average :	0	20	10	0	0	0	0	0	1	0	0	0	0	0	31

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	03:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	03:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	03:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	04:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	04:15	0	6	2	0	0	0	0	0	0	0	0	0	2	0	10
	04:30	0	5	6	0	0	0	0	0	1	0	0	0	1	0	13
	04:45	0	4	0	0	0	0	0	0	1	0	0	0	0	1	6
	05:00	0	11	6	0	0	0	0	0	1	0	0	0	0	0	18
	05:15	0	29	18	0	0	0	0	0	0	0	0	0	0	0	47
	05:30	0	41	18	0	0	0	0	0	2	0	0	0	1	0	62
	05:45	0	35	18	0	0	0	0	0	1	0	0	1	0	0	55
	06:00	0	55	15	1	0	0	0	1	5	0	0	0	1	0	78
	06:15	0	70	24	0	0	0	0	3	8	2	0	0	3	0	110
	06:30	1	74	26	0	1	0	0	1	3	0	0	0	1	2	109
	06:45	0	62	20	0	2	0	1	1	2	0	0	0	0	3	91
	07:00	1	52	17	1	0	0	0	0	1	0	0	0	0	0	72
	07:15	0	42	15	0	0	0	0	0	4	0	0	0	1	0	62
	07:30	0	66	14	0	1	0	0	0	3	0	0	0	0	0	84
	07:45	0	44	26	0	0	1	0	0	1	0	0	0	1	0	73
	08:00	1	22	23	1	0	0	0	0	2	0	0	0	1	0	50
	08:15	0	36	16	1	0	0	0	1	4	1	0	0	0	1	60
	08:30	0	43	25	0	0	0	0	0	2	0	0	0	1	0	71
	08:45	0	55	22	0	0	0	0	2	7	0	0	0	1	2	89
	09:00	0	39	22	0	0	1	0	1	1	1	0	0	0	2	67
	09:15	0	53	19	0	1	0	1	0	1	1	0	0	0	0	76
	09:30	0	44	19	0	1	1	0	3	5	0	0	0	0	0	73
	09:45	0	48	30	0	0	1	1	0	2	1	0	0	0	1	84
	10:00	0	27	14	0	0	0	0	0	5	0	0	0	0	0	46
	10:15	0	42	15	0	0	0	0	0	3	0	0	0	1	0	61
	10:30	0	32	19	0	0	1	0	1	1	1	0	0	0	0	55
	10:45	0	23	12	0	1	0	0	0	2	0	0	0	0	1	39
	11:00	0	40	11	0	0	0	0	0	6	0	0	0	0	0	57
	11:15	0	45	14	1	0	0	0	0	1	0	0	1	0	0	62
	11:30	0	24	13	0	0	0	0	0	2	0	0	0	0	0	39
	11:45	1	37	20	1	0	1	0	2	0	1	0	0	0	0	63
	12:00	0	22	8	0	0	0	0	0	0	0	0	0	0	0	30
	12:15	0	25	11	0	0	0	0	0	2	0	0	0	0	1	39

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	37	27	1	0	1	0	0	2	1	0	0	1	0	70
Wed	12:45	0	22	8	0	1	1	0	0	3	0	0	2	0	0	37
	13:00	0	33	13	0	0	0	0	0	4	0	0	0	0	1	51
	13:15	0	35	10	0	1	0	0	0	3	0	0	0	2	0	51
	13:30	0	48	27	0	0	0	0	0	8	0	0	0	1	0	84
	13:45	0	30	23	0	0	0	0	0	3	0	0	0	0	1	57
	14:00	0	33	15	0	2	0	0	1	3	1	0	0	0	0	55
	14:15	0	39	9	0	0	1	0	0	0	1	0	0	0	1	51
	14:30	0	37	18	0	1	0	0	1	4	0	0	0	0	0	61
	14:45	4	34	19	0	0	0	0	0	5	1	0	0	1	0	64
	15:00	0	45	33	1	0	1	0	1	2	0	0	0	2	1	86
	15:15	0	32	25	0	1	0	0	2	5	0	0	0	0	0	65
	15:30	0	44	23	0	0	1	0	1	1	0	0	0	0	0	70
	15:45	0	31	21	0	1	0	0	0	1	0	0	0	0	0	54
	16:00	0	38	26	0	1	0	0	2	4	0	0	0	0	1	72
	16:15	0	35	9	0	0	0	0	0	1	1	0	0	0	1	47
	16:30	0	57	19	0	0	0	0	3	5	0	0	0	0	1	85
	16:45	0	21	16	0	0	0	0	2	5	0	0	0	1	0	45
	17:00	0	24	13	0	0	0	0	0	4	0	0	0	0	0	41
	17:15	0	31	22	0	0	0	0	1	5	0	0	0	1	0	60
	17:30	0	19	12	1	0	0	0	0	0	0	0	0	0	0	32
	17:45	0	12	9	0	0	0	0	0	3	0	0	0	0	0	24
	18:00	0	16	9	0	0	0	0	0	2	0	0	0	0	0	27
	18:15	0	11	4	0	1	0	0	0	1	0	0	0	0	0	17
	18:30	0	11	4	0	0	0	0	0	1	0	0	0	0	0	16
	18:45	0	7	5	0	0	0	0	0	2	0	0	0	1	0	15
	19:00	0	8	2	1	0	0	0	0	1	0	0	0	0	0	12
	19:15	0	8	2	0	0	0	0	0	1	0	0	0	0	0	11
	19:30	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	19:45	0	10	4	0	0	0	0	0	0	0	0	0	0	0	14
	20:00	0	3	5	0	0	0	0	0	0	0	0	0	0	0	8
	20:15	0	4	1	0	0	1	0	0	0	0	0	0	0	0	6
	20:30	0	8	4	0	0	0	0	0	1	0	0	0	0	0	13
	20:45	0	5	3	0	0	0	0	0	0	0	0	0	1	0	9
	21:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	21:15	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	21:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	21:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Daily Total :		9	2109	997	10	16	12	3	30	161	13	0	4	26	21	3411
	Percent :	0%	62%	29%	0%	0%	0%	0%	1%	5%	0%	0%	0%	1%	1%	
	Average :	0	22	10	0	0	0	0	0	2	0	0	0	0	0	34

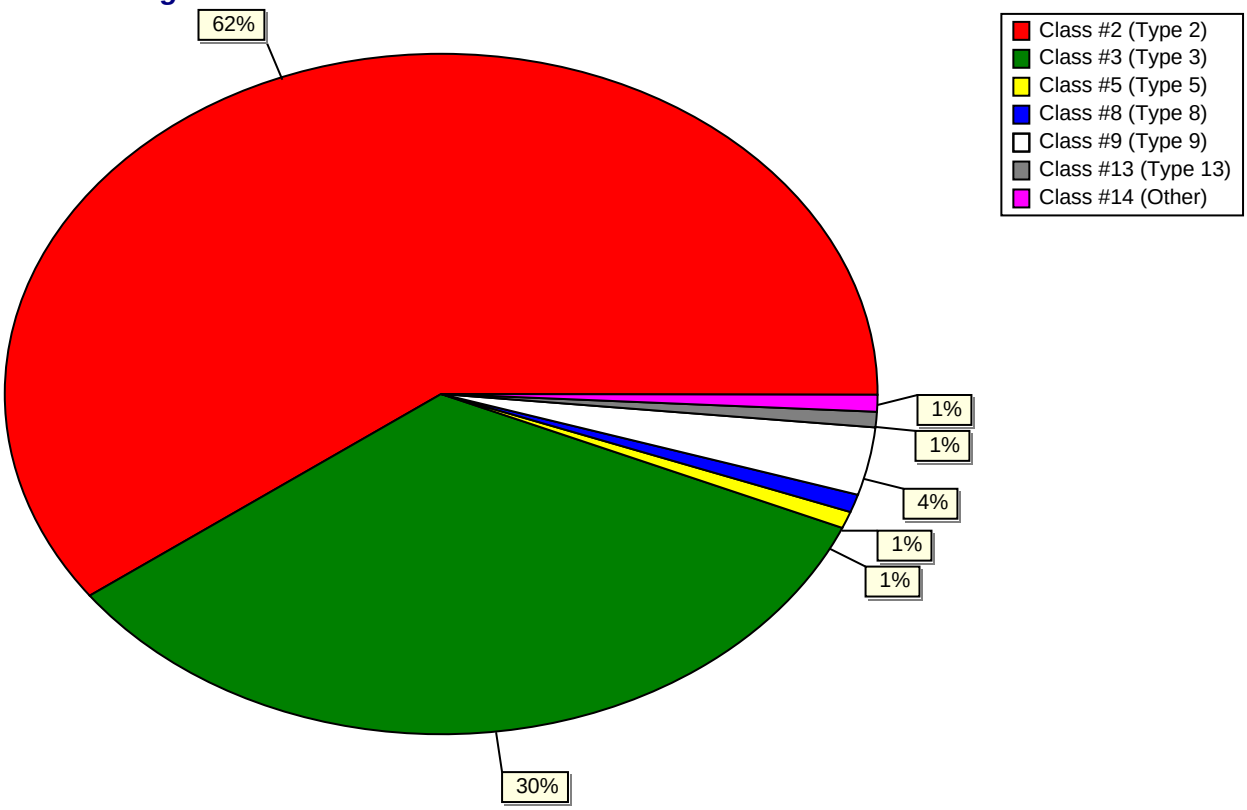
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	03:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	03:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:00	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	04:15	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
	04:30	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	04:45	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
	05:00	0	9	4	0	0	0	0	0	1	0	0	0	0	0	14
	05:15	0	24	7	0	0	0	0	0	1	0	0	0	0	0	32
	05:30	0	39	20	0	0	0	0	0	2	0	0	0	0	0	61
	05:45	0	24	9	0	0	0	0	1	1	0	0	1	1	0	37
	06:00	0	54	18	0	0	0	0	1	3	0	0	0	0	0	76
Daily Total :		0	184	69	0	0	0	0	2	8	0	0	1	1	0	265
Percent :		0%	69%	26%	0%	0%	0%	0%	1%	3%	0%	0%	0%	0%	0%	
Average :		0	7	3	0	0	0	0	0	0	0	0	0	0	0	10

Basic Axle Class Summary: 2P0032456

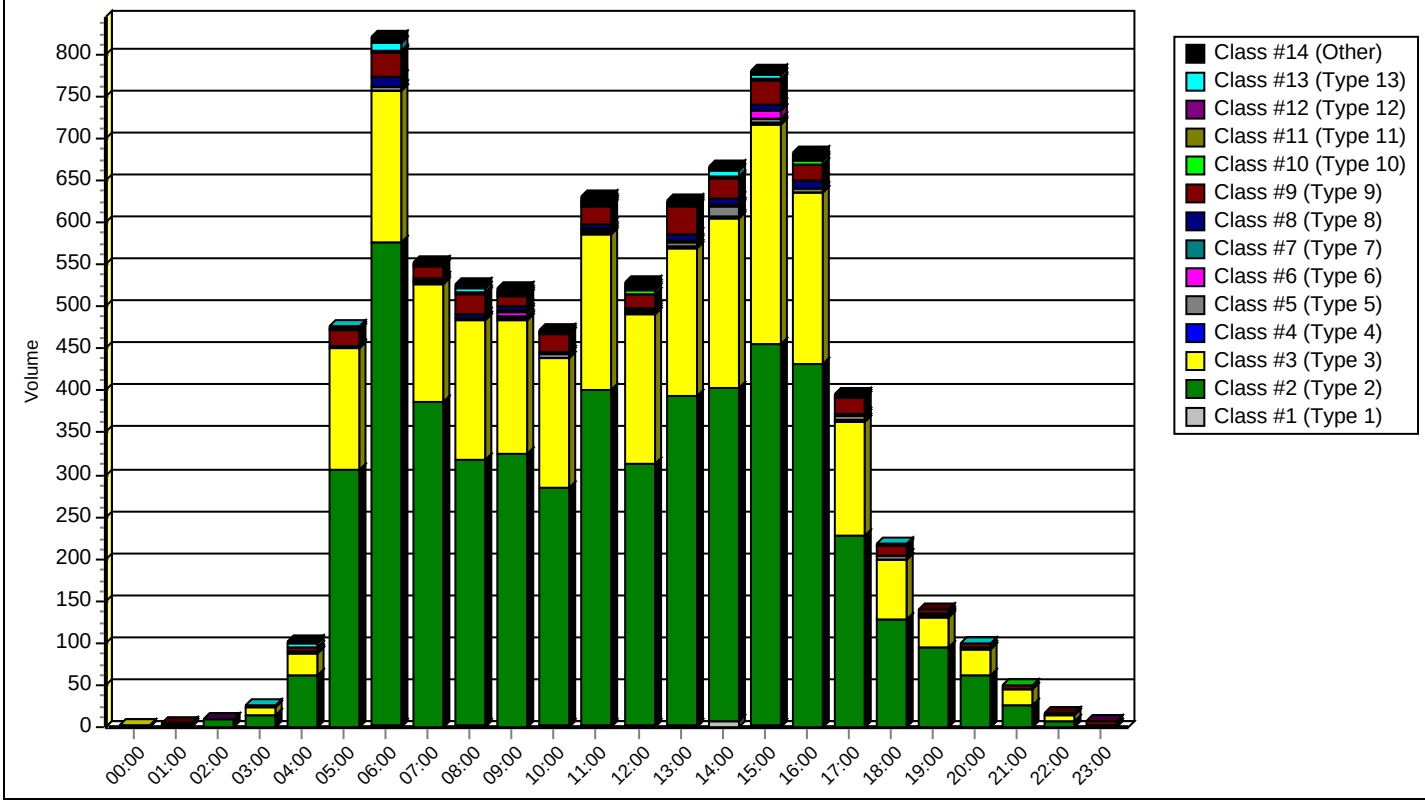
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	30	5196	2494	25	53	26	5	72	317	25	3	8	56	52	8362
		30	5196	2494	25	53	26	5	72	317	25	3	8	56	52	8362
Percents :	#1.	0%	62%	30%	0%	1%	0%	0%	1%	4%	0%	0%	0%	1%	1%	100%
		0%	62%	30%	0%	1%	0%	0%	1%	4%	0%	0%	0%	1%	1%	
Average :	#1.	0	19	9	0	0	0	0	0	1	0	0	0	0	0	29
		0	19	9	0	0	0	0	0	1	0	0	0	0	0	29
Days & ADT :	#1.	2.8	2973													
		2.8	2973													

2P0032456 Axle Class Charts For Data From: 10:45 - 04/11/2011 To: 06:29 - 04/14/2011

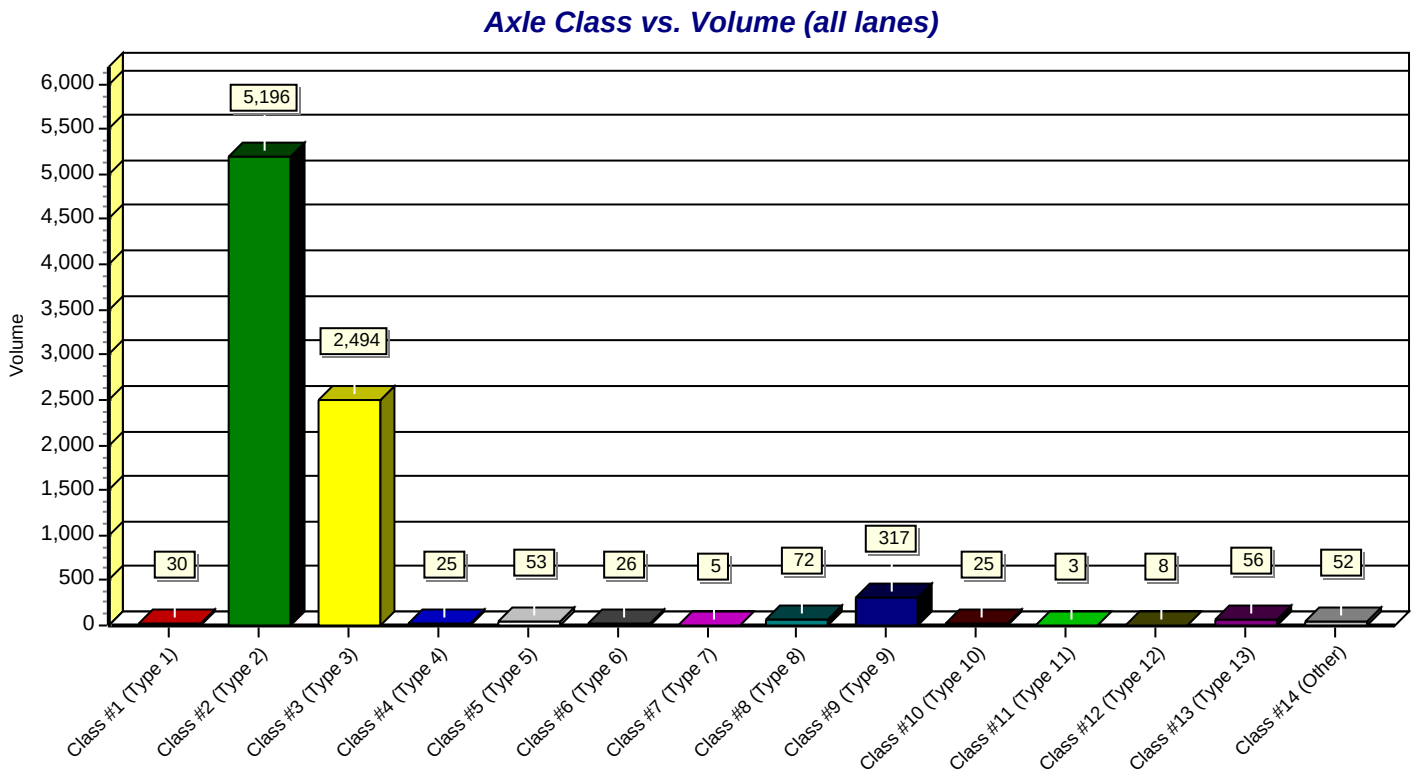
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0032456 Axle Class Charts For Data From: 10:45 - 04/11/2011 To: 06:29 - 04/14/2011



Basic Speed Classification Report: 2P0032456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 10:45 - 04/11/2011 To: 06:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	10:45	1	0	0	0	0	0	0	0	4	7	12	21	4	0	0	0	49
Mon	11:00	0	1	0	0	0	0	0	4	2	3	15	22	4	0	0	0	51
	11:15	1	0	0	0	0	0	0	0	1	4	4	29	9	0	0	0	48
	11:30	0	0	0	0	0	0	0	0	2	6	7	19	13	1	0	0	48
	11:45	0	0	0	0	0	0	0	0	0	3	8	30	12	1	1	0	55
	12:00	0	0	0	0	0	0	0	1	6	4	12	17	7	3	0	0	50
	12:15	1	0	0	0	0	0	0	0	0	5	16	19	7	0	0	0	48
	12:30	0	0	0	0	0	0	1	0	1	6	8	13	7	1	0	0	37
	12:45	0	1	0	0	0	0	0	0	0	2	5	14	14	1	0	0	37
	13:00	1	0	0	0	0	0	0	0	2	5	10	16	9	2	0	0	45
	13:15	1	0	0	0	0	0	1	0	1	7	5	14	14	0	0	0	43
	13:30	0	0	0	0	0	0	0	1	1	3	10	9	14	0	0	0	38
	13:45	0	0	0	0	0	0	0	0	1	4	18	17	11	0	0	0	51
	14:00	0	0	0	0	0	0	0	0	1	5	5	18	14	1	1	0	45
	14:15	0	0	0	0	0	0	0	0	1	8	13	15	9	2	0	0	48
	14:30	0	0	0	0	0	0	0	0	0	7	14	24	10	0	0	0	55
	14:45	0	0	0	0	0	0	0	0	2	8	17	27	13	0	0	0	67
	15:00	0	0	0	0	0	0	0	0	0	2	10	24	13	1	0	0	50
	15:15	0	0	0	0	0	0	0	0	0	2	10	20	15	1	0	0	48
	15:30	0	0	0	0	0	0	0	2	13	34	38	20	11	1	0	0	119
	15:45	0	1	0	0	0	0	0	0	3	2	7	17	11	1	0	0	42
	16:00	0	0	0	0	0	0	0	0	0	3	9	23	11	2	0	0	48
	16:15	1	0	0	0	0	0	0	0	0	3	4	25	7	0	0	0	40
	16:30	0	0	0	0	0	0	0	0	0	8	11	31	12	0	0	0	62
	16:45	0	0	0	0	0	0	0	0	0	2	5	11	15	0	0	0	33
	17:00	0	0	0	0	0	0	0	0	0	3	7	16	10	2	1	0	39
	17:15	0	0	0	0	0	0	0	0	0	0	3	15	11	1	0	0	30
	17:30	0	0	0	0	0	0	0	0	1	1	1	11	3	1	0	0	18
	17:45	0	1	0	0	0	0	0	0	0	1	1	3	7	1	0	0	14
	18:00	0	0	0	0	0	0	0	0	0	0	5	10	7	2	0	0	24
	18:15	0	0	0	0	0	0	0	0	0	0	8	7	4	0	1	0	20
	18:30	0	0	0	0	0	0	0	0	0	0	5	9	3	0	1	0	18
	18:45	0	0	0	0	0	0	0	0	1	1	3	3	3	1	0	0	12
	19:00	0	0	0	0	0	0	0	0	0	2	3	7	5	0	1	0	18
	19:15	0	0	0	0	0	0	0	1	0	1	1	3	2	0	0	0	8
	19:30	0	0	0	0	0	0	0	0	0	0	3	6	4	0	0	0	13
	19:45	0	0	0	0	0	0	0	0	0	3	2	2	0	0	0	0	7
	20:00	0	0	0	0	0	0	0	0	0	1	3	10	0	0	1	0	15
	20:15	0	0	0	0	0	0	0	1	1	4	4	4	1	0	0	0	15
	20:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	20:45	0	0	0	0	0	0	0	0	1	2	1	4	2	0	0	0	10
Mon	21:00	0	0	0	0	0	0	0	0	0	4	0	1	2	0	0	0	7
	21:15	0	0	0	0	0	0	0	0	0	1	0	3	1	1	0	0	6
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:45	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	3
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	22:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Daily Total :		6	4	0	0	0	0	2	11	45	168	324	615	333	27	7	0	1542
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	3%	11%	21%	40%	22%	2%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	1	3	6	12	6	1	0	0	29

Speeds - Average: 70.8 50% : 71.8 67% : 73.9 85% : 77.2 10mph Pace: 70.0 - 79.9 (61.7%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	02:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
	03:30	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	5
	04:15	0	0	0	0	0	0	0	0	0	0	3	3	1	0	0	0	7
	04:30	0	0	0	0	0	0	0	1	2	3	1	2	2	0	0	0	11
	04:45	0	0	0	0	0	0	0	0	0	1	2	2	5	1	0	0	11
	05:00	0	0	0	0	0	0	0	0	0	1	4	7	2	0	0	0	14
	05:15	0	0	0	0	0	0	0	0	0	8	6	10	5	1	0	0	30
	05:30	0	0	0	0	0	0	0	0	0	5	18	24	12	1	0	0	60
	05:45	0	0	0	0	0	0	0	0	0	10	13	10	12	1	0	0	46
	06:00	0	0	0	0	0	0	0	0	0	6	12	29	9	0	0	0	56
	06:15	0	0	0	0	0	0	0	0	1	14	32	27	21	0	0	0	95
	06:30	0	0	0	0	0	0	0	0	5	15	37	62	20	1	0	0	140
	06:45	1	0	0	0	0	0	0	0	1	3	18	27	13	3	0	0	66
	07:00	1	0	0	0	0	0	0	0	0	13	21	32	9	0	0	0	76
	07:15	0	0	0	0	0	0	0	1	4	12	23	33	10	1	0	0	84
	07:30	0	0	0	0	0	0	0	0	1	9	18	22	11	0	0	0	61
	07:45	0	0	0	0	0	0	0	0	1	10	9	14	6	0	0	0	40
	08:00	0	0	0	0	0	0	0	0	1	5	17	16	6	1	0	0	46
	08:15	0	0	0	0	0	0	0	0	2	8	18	26	11	0	0	0	65
	08:30	0	0	0	0	0	0	0	1	0	8	31	32	11	0	0	0	83
	08:45	2	0	0	0	0	0	0	0	4	10	12	22	9	3	0	0	62
	09:00	0	0	0	0	0	0	0	0	2	14	17	23	10	0	0	0	66
	09:15	1	0	0	0	0	0	0	0	2	5	20	28	10	0	0	0	66
	09:30	0	0	0	0	0	0	0	0	3	10	14	12	8	0	0	0	47
	09:45	0	1	0	0	0	0	0	0	2	5	15	15	5	0	0	0	43
	10:00	0	0	0	0	0	0	0	0	1	16	15	19	10	0	0	0	61
	10:15	1	0	0	0	0	0	0	0	2	6	16	27	7	0	0	0	59
	10:30	0	0	0	0	0	0	0	0	8	14	8	13	3	1	0	0	47
	10:45	0	0	0	0	0	0	0	0	2	6	20	17	9	2	0	0	56
	11:00	0	0	0	0	0	0	0	0	1	3	12	19	8	0	0	0	43
	11:15	0	0	0	0	0	0	0	0	1	2	13	26	13	0	0	0	55
	11:30	1	1	0	0	0	0	0	1	6	15	17	15	7	0	0	0	63
	11:45	1	0	0	0	0	0	0	0	2	13	11	14	6	0	1	0	48
	12:00	0	0	0	0	0	0	0	0	2	6	9	18	7	0	0	0	42
	12:15	0	0	0	0	0	0	0	0	1	9	10	14	10	0	0	0	44

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	1	0	0	0	0	0	2	1	2	14	10	18	1	0	0	0	49
Tue	12:45	0	0	0	0	0	0	0	1	3	9	11	15	8	0	0	0	47
	13:00	1	0	0	0	0	0	0	1	1	8	9	17	11	2	0	0	50
	13:15	0	0	0	0	0	0	0	0	1	7	13	24	14	0	0	0	59
	13:30	0	0	0	0	0	0	0	0	2	2	10	26	11	0	0	0	51
	13:45	0	0	0	0	0	0	0	0	2	3	15	14	12	1	0	0	47
	14:00	0	0	0	0	0	0	0	0	1	8	12	25	5	1	0	0	52
	14:15	0	0	0	0	0	0	0	0	4	4	11	26	4	1	0	0	50
	14:30	1	0	0	0	0	0	0	0	2	9	16	20	6	1	0	0	55
	14:45	0	0	0	0	0	0	0	2	4	7	13	26	10	1	0	0	63
	15:00	0	0	0	0	0	0	0	0	1	10	23	31	16	1	0	0	82
	15:15	0	1	0	0	0	0	0	0	1	10	14	26	12	1	0	0	65
	15:30	0	0	0	0	0	0	1	0	0	6	21	17	11	0	0	0	56
	15:45	0	0	0	0	0	0	0	0	0	7	9	14	13	0	0	0	43
	16:00	0	0	0	0	0	0	0	0	0	8	12	32	9	1	0	0	62
	16:15	0	0	0	0	0	0	0	2	1	6	6	24	10	2	0	0	51
	16:30	0	0	0	0	0	0	0	2	2	10	22	44	16	0	0	0	96
	16:45	0	0	0	0	0	0	0	0	1	5	8	14	14	0	1	0	43
	17:00	0	0	0	0	0	0	0	1	1	9	9	14	8	0	1	0	43
	17:15	0	0	0	0	0	0	0	0	1	3	6	9	7	0	0	0	26
	17:30	0	0	0	0	0	0	0	0	0	5	2	19	10	5	0	0	41
	17:45	0	0	0	0	0	0	0	0	0	1	8	6	10	3	0	0	28
	18:00	0	0	0	0	0	0	0	0	0	1	1	3	12	4	0	0	21
	18:15	0	0	0	0	0	0	0	0	3	1	3	3	9	1	0	0	20
	18:30	0	0	0	0	0	0	0	0	0	0	0	7	5	1	0	0	13
	18:45	0	0	0	0	0	0	0	0	2	1	3	5	3	1	0	0	15
	19:00	0	0	0	0	0	0	0	0	0	2	0	7	4	3	0	0	16
	19:15	0	0	0	0	0	0	0	0	0	2	3	5	2	0	0	0	12
	19:30	0	0	0	0	0	0	0	0	0	0	5	2	2	0	0	0	9
	19:45	0	0	0	0	0	0	0	0	0	0	4	7	1	1	0	0	13
	20:00	0	0	0	0	0	0	0	0	0	1	0	5	2	1	0	0	9
	20:15	0	0	0	0	0	0	0	0	0	1	3	0	2	0	0	0	6
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	4
	20:45	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
	21:00	0	0	0	0	0	0	0	0	1	1	2	1	3	0	0	0	8
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
	21:30	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	4
	21:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	22:15	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	5
	22:30	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		11	3	0	0	0	0	3	14	93	431	788	1179	567	52	3	0	3144
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	3%	14%	25%	38%	18%	2%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	1	4	8	12	6	1	0	0	29

Speeds - Average: 70.2 50% : 71.1 67% : 73.3 85% : 76.4 10mph Pace: 65.0 - 74.9 (62.6%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
	03:30	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	03:45	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	04:00	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	04:15	0	0	0	0	0	0	0	0	0	2	0	4	3	1	0	0	10
	04:30	0	0	0	0	0	0	0	0	0	0	4	6	1	2	0	0	13
	04:45	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	6
	05:00	0	0	0	0	0	0	0	0	0	1	2	7	7	1	0	0	18
	05:15	0	0	0	0	0	0	0	0	0	9	7	17	13	1	0	0	47
	05:30	0	0	0	0	0	0	0	0	4	6	11	28	12	1	0	0	62
	05:45	0	0	0	0	0	0	0	0	1	2	10	18	12	11	1	0	55
	06:00	0	0	0	0	0	0	0	2	1	10	23	17	22	3	0	0	78
	06:15	0	0	0	0	0	0	0	0	1	15	24	31	35	4	0	0	110
	06:30	0	0	0	0	0	0	0	0	1	6	20	36	40	6	0	0	109
	06:45	0	0	0	0	0	0	0	0	1	4	15	39	30	2	0	0	91
	07:00	0	0	0	0	0	0	0	0	2	6	14	32	14	4	0	0	72
	07:15	0	0	0	0	0	0	0	0	0	4	17	20	19	2	0	0	62
	07:30	1	0	0	0	0	0	0	0	3	11	10	43	16	0	0	0	84
	07:45	0	0	0	0	0	0	0	1	9	10	16	24	12	1	0	0	73
	08:00	0	0	0	0	0	0	0	0	5	3	11	17	13	1	0	0	50
	08:15	0	0	0	0	0	0	0	0	3	5	13	18	19	2	0	0	60
	08:30	0	0	0	0	0	0	0	0	4	6	19	19	23	0	0	0	71
	08:45	0	0	0	0	0	0	0	2	4	21	14	39	8	1	0	0	89
	09:00	0	0	0	0	0	0	0	0	3	11	19	27	7	0	0	0	67
	09:15	0	0	0	0	0	0	0	0	1	6	24	26	16	3	0	0	76
	09:30	0	0	0	0	0	0	0	1	7	17	16	18	11	3	0	0	73
	09:45	0	0	0	0	0	0	0	3	2	19	13	27	18	2	0	0	84
	10:00	0	0	0	0	0	0	0	0	2	8	11	15	10	0	0	0	46
	10:15	0	0	0	0	0	0	0	0	1	4	19	20	17	0	0	0	61
	10:30	0	0	0	0	0	0	0	1	0	4	16	22	12	0	0	0	55
	10:45	0	0	0	0	0	0	0	0	1	1	8	17	10	2	0	0	39
	11:00	0	0	0	0	0	0	0	0	3	11	14	22	7	0	0	0	57
	11:15	0	0	0	0	0	0	0	1	2	7	21	17	13	1	0	0	62
	11:30	0	0	0	0	0	0	0	0	0	4	13	14	8	0	0	0	39
	11:45	0	1	0	0	0	0	2	0	1	6	19	18	11	4	1	0	63
	12:00	0	1	0	0	0	0	0	0	1	1	4	15	7	1	0	0	30
	12:15	0	0	0	0	0	0	0	0	3	5	14	10	7	0	0	0	39

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	2	15	10	30	13	0	0	0	70
Wed	12:45	0	0	0	0	0	0	0	0	1	3	10	13	9	1	0	0	37
	13:00	0	0	0	0	0	0	0	0	1	8	15	21	6	0	0	0	51
	13:15	0	0	0	0	0	0	0	0	1	8	14	19	8	1	0	0	51
	13:30	0	0	0	0	0	0	0	3	8	13	31	24	5	0	0	0	84
	13:45	0	1	0	0	0	0	0	2	1	12	19	16	6	0	0	0	57
	14:00	0	0	0	0	0	0	0	0	1	5	17	14	16	2	0	0	55
	14:15	0	0	0	0	0	0	0	0	2	6	18	16	8	0	1	0	51
	14:30	0	0	0	0	0	0	0	0	1	6	13	27	14	0	0	0	61
	14:45	0	0	0	0	0	0	0	0	0	9	12	26	15	2	0	0	64
	15:00	0	0	0	0	0	0	0	0	6	11	31	28	9	0	1	0	86
	15:15	0	0	0	0	0	0	0	0	1	9	17	23	12	3	0	0	65
	15:30	0	0	0	0	0	0	0	0	2	7	17	25	18	1	0	0	70
	15:45	0	0	0	0	0	0	0	0	0	2	13	24	15	0	0	0	54
	16:00	0	0	0	0	0	0	0	0	5	13	24	18	12	0	0	0	72
	16:15	0	0	0	0	0	0	0	0	0	4	9	19	14	1	0	0	47
	16:30	0	0	0	0	0	0	0	0	2	20	29	19	15	0	0	0	85
	16:45	0	0	0	0	0	0	0	1	1	9	13	13	7	1	0	0	45
	17:00	0	0	0	0	0	0	0	0	1	4	8	11	12	5	0	0	41
	17:15	1	0	0	0	0	0	0	0	4	7	14	22	12	0	0	0	60
	17:30	0	0	0	0	0	0	0	0	1	2	13	10	5	1	0	0	32
	17:45	0	0	0	0	0	0	0	0	0	6	5	9	4	0	0	0	24
	18:00	0	0	0	0	0	0	0	0	1	7	11	5	3	0	0	0	27
	18:15	0	0	0	0	0	0	0	0	0	1	5	3	8	0	0	0	17
	18:30	0	0	0	0	0	0	0	0	0	3	4	6	3	0	0	0	16
	18:45	0	0	0	0	0	0	0	0	1	3	2	1	6	2	0	0	15
	19:00	0	0	0	0	0	0	0	0	1	3	2	5	1	0	0	0	12
	19:15	0	0	0	0	0	0	0	0	0	1	4	4	1	1	0	0	11
	19:30	0	0	0	0	0	0	0	0	0	2	3	3	0	0	0	0	8
	19:45	0	0	0	0	0	0	0	0	1	3	1	4	5	0	0	0	14
	20:00	0	0	0	0	0	0	0	0	1	2	2	2	1	0	0	0	8
	20:15	0	0	0	0	0	0	0	0	1	1	1	2	1	0	0	0	6
	20:30	0	0	0	0	0	0	0	0	0	3	4	5	0	1	0	0	13
	20:45	0	0	0	0	0	0	0	1	1	1	2	2	1	1	0	0	9
	21:00	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	4
	21:15	0	0	0	0	0	0	0	0	0	0	1	4	2	0	0	0	7
	21:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	21:45	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	3	0	0	0	0	2	19	115	439	848	1170	727	82	4	0	3411
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	3%	13%	25%	34%	21%	2%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	1	5	9	12	8	1	0	0	32

Speeds - Average: 70.6 50% : 71.3 67% : 73.7 85% : 77.2 10mph Pace: 65.0 - 74.9 (59.2%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3
	03:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	1	2	0	3	0	0	0	6
	04:15	0	0	0	0	0	0	0	0	0	3	4	2	3	0	0	0	12
	04:30	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	7
	04:45	0	0	0	0	0	0	0	0	1	1	2	3	2	0	0	0	9
	05:00	0	0	0	0	0	0	0	0	0	2	3	8	0	1	0	0	14
	05:15	0	0	0	0	0	0	0	0	0	4	11	8	6	3	0	0	32
	05:30	0	0	0	0	0	0	0	0	0	7	10	24	20	0	0	0	61
	05:45	0	0	0	0	0	0	0	0	0	2	14	16	4	1	0	0	37
	06:00	0	0	0	0	0	0	0	0	5	9	18	30	13	1	0	0	76
Daily Total :		0	0	0	0	0	0	0	1	6	32	68	100	51	7	0	0	265
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	2%	12%	26%	38%	19%	3%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	3	4	2	0	0	0	36

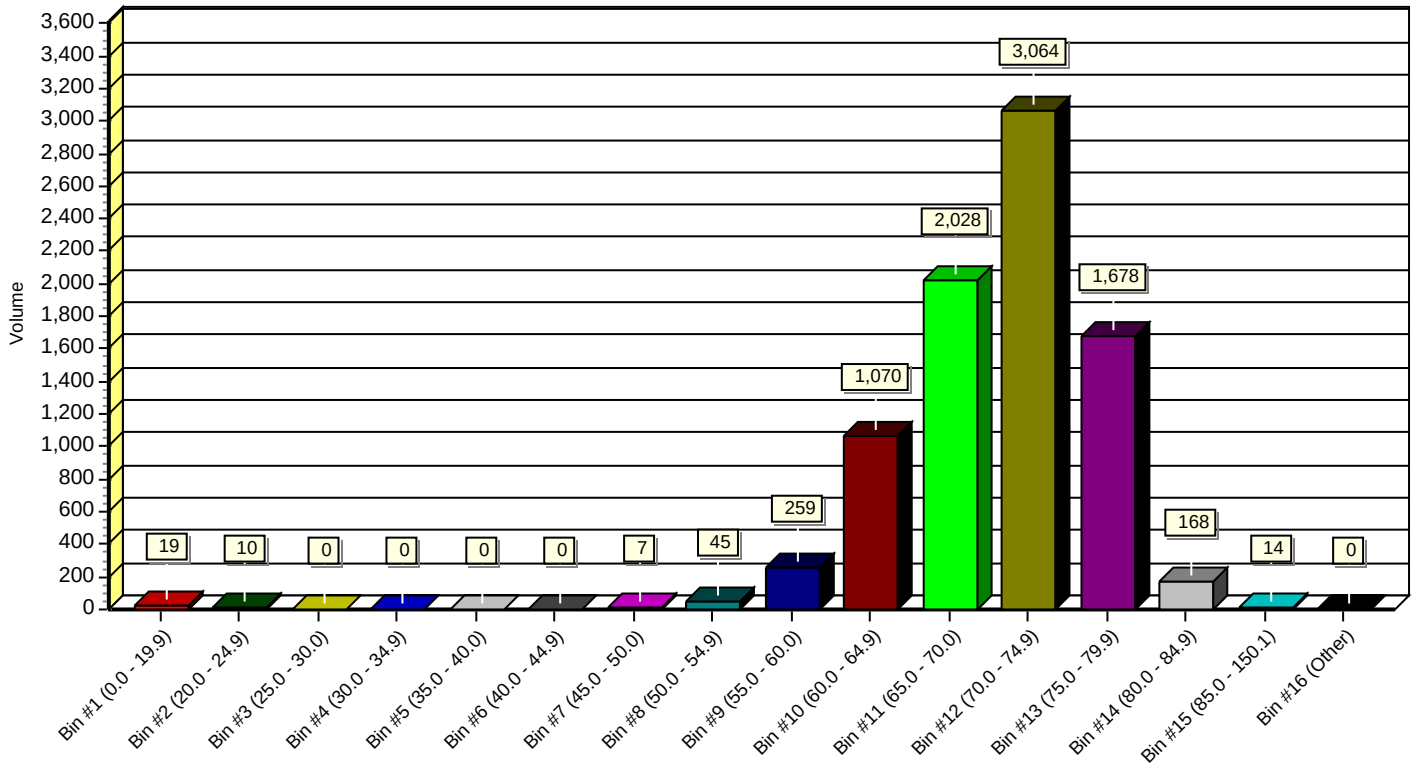
Speeds - Average: 70.8 50% : 71.6 67% : 73.2 85% : 77.1 10mph Pace: 65.4 - 75.3 (63.4%)

Basic Speed Class Summary: 2P0032456

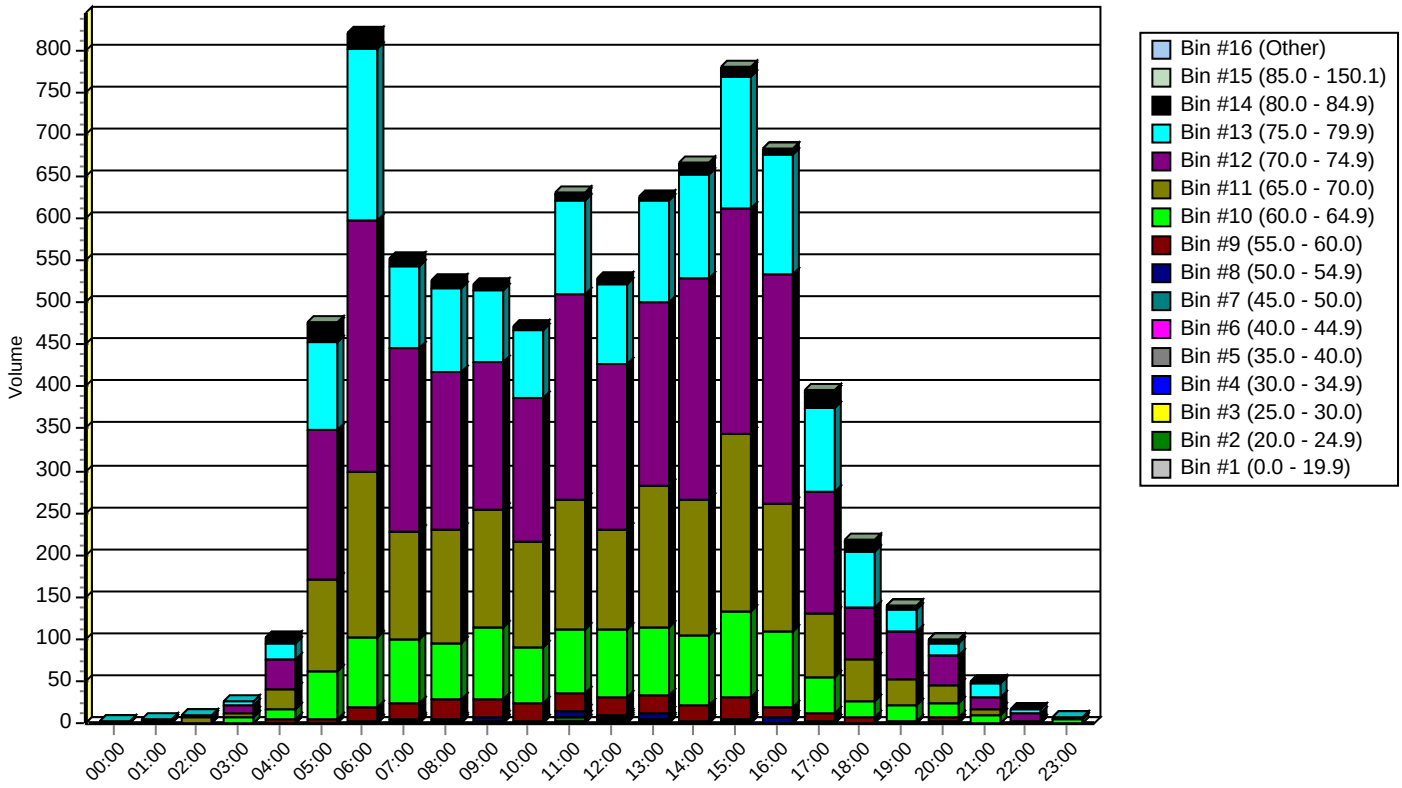
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	19	10	0	0	0	0	7	45	259	1070	2028	3064	1678	168	14	0	8362
		19	10	0	0	0	0	7	45	259	1070	2028	3064	1678	168	14	0	8362
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	3%	13%	24%	37%	20%	2%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	3%	13%	24%	37%	20%	2%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	1	4	8	11	6	1	0	0	31
		0	0	0	0	0	0	0	0	1	4	8	11	6	1	0	0	31
Days & ADT :	#1.	2.8	2973															
		2.8	2973															
Avg,50,67,85%:	#1.	70.5	71.3	73.6	76.9	65.0	- 74.9	61%										
		70.5	71.3	73.6	76.9	65.0	- 74.9	61%										

2P0032456 Speed Class Charts For Data From: 10:45 - 04/11/2011 To: 06:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0032456

Station ID : 4D0032456
Info Line 1 : WB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 4D0032456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11450
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 12:00 - 04/11/2011 To: 07:44 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	12:00	0	58	52	1	1	0	1	0	12	1	0	0	1	2	129
Mon	12:15	0	40	46	0	3	0	0	2	12	1	0	0	3	1	108
	12:30	0	44	60	0	2	0	1	0	17	3	0	0	3	0	130
	12:45	2	45	63	0	2	0	0	1	13	0	0	0	3	0	129
	13:00	1	56	56	0	4	1	0	3	7	2	0	0	2	0	132
	13:15	0	52	56	2	4	2	0	1	11	1	0	0	1	0	130
	13:30	0	56	68	2	4	1	0	2	10	1	0	0	3	0	147
	13:45	2	42	64	2	4	1	0	2	14	1	0	0	0	2	134
	14:00	0	42	66	4	9	0	0	1	9	0	0	0	1	0	132
	14:15	0	34	84	0	5	0	0	1	14	2	0	0	0	0	140
	14:30	0	43	83	2	6	0	0	3	10	1	0	0	3	1	152
	14:45	2	31	109	2	7	0	0	1	6	0	0	0	3	1	162
	15:00	0	33	98	0	4	1	0	1	6	1	0	0	1	0	145
	15:15	1	40	88	1	3	0	0	0	13	1	0	0	3	0	150
	15:30	0	47	77	0	9	0	0	1	8	2	0	0	0	1	145
	15:45	1	45	92	1	9	0	1	3	9	1	0	0	2	0	164
	16:00	0	41	101	0	6	0	2	3	5	1	1	0	1	1	162
	16:15	0	59	111	0	7	1	1	0	11	2	0	0	3	0	195
	16:30	1	57	108	1	3	0	1	1	6	2	0	0	0	2	182
	16:45	1	68	112	2	5	0	1	3	3	1	1	0	0	1	198
	17:00	2	56	112	1	3	2	4	0	12	1	0	0	0	1	194
	17:15	0	72	137	0	11	0	0	3	7	0	0	0	0	1	231
	17:30	1	49	128	3	1	0	0	1	3	0	0	0	3	0	189
	17:45	0	50	124	1	14	1	0	0	7	1	0	0	0	0	198
	18:00	1	28	93	0	6	3	0	4	8	2	0	0	1	0	146
	18:15	1	46	99	0	12	0	0	2	2	0	0	0	1	0	163
	18:30	4	29	82	1	10	0	0	1	5	1	0	1	0	0	134
	18:45	0	26	64	1	5	0	0	1	6	0	1	0	1	0	105
	19:00	0	26	64	0	6	0	0	1	8	0	0	0	1	0	106
	19:15	1	23	50	0	6	0	0	0	5	0	0	0	2	0	87
	19:30	0	10	63	0	9	0	0	0	5	0	0	1	3	0	91
	19:45	1	11	64	0	3	0	0	0	7	0	0	0	3	0	89
	20:00	1	22	53	0	5	0	0	2	2	0	0	0	3	1	89
	20:15	0	13	46	0	3	0	0	1	7	0	0	2	1	0	73

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	20:30	0	24	49	0	1	0	0	1	6	0	0	1	2	0	84
Mon	20:45	1	14	48	1	3	0	0	0	3	1	1	0	4	0	76
	21:00	0	9	45	0	1	1	0	0	2	0	2	1	4	0	65
	21:15	0	17	45	2	1	0	0	0	5	1	0	3	3	0	77
	21:30	0	10	48	0	5	0	0	0	4	0	0	0	2	0	69
	21:45	0	10	27	0	1	0	0	0	3	0	0	2	0	0	43
	22:00	1	13	20	1	2	0	0	2	4	0	0	3	2	0	48
	22:15	1	7	12	0	0	0	0	1	8	0	0	0	0	0	29
	22:30	0	4	32	0	0	0	0	0	1	2	0	0	2	0	41
	22:45	1	14	13	0	1	0	0	0	1	0	1	0	0	1	32
	23:00	0	6	17	0	2	0	0	0	3	0	0	0	2	0	30
	23:15	1	6	14	0	2	0	0	0	2	0	0	0	1	0	26
	23:30	0	9	12	0	2	0	0	0	1	0	0	0	0	0	24
	23:45	0	7	15	1	1	0	0	0	3	0	0	0	0	0	27
Daily Total :		28	1544	3170	32	213	14	12	49	326	33	7	14	74	16	5532
Percent :		1%	28%	57%	1%	4%	0%	0%	1%	6%	1%	0%	0%	1%	0%	
Average :		1	32	66	1	4	0	0	1	7	1	0	0	2	0	115

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	2	8	0	1	0	0	2	5	0	0	0	1	0	19
Tue	00:15	0	2	10	2	1	0	0	1	4	0	0	0	0	0	20
	00:30	0	6	4	0	0	0	0	0	2	0	0	1	2	0	15
	00:45	0	2	9	0	0	0	0	0	1	2	0	0	1	1	16
	01:00	0	2	9	0	0	0	0	0	2	0	0	0	2	0	15
	01:15	0	2	5	0	0	0	0	0	2	0	0	0	0	1	10
	01:30	0	0	4	0	1	0	0	1	1	0	0	0	1	0	8
	01:45	0	3	4	0	0	0	0	0	3	0	0	0	1	0	11
	02:00	0	4	5	1	2	0	0	1	2	0	0	0	0	0	15
	02:15	0	0	5	0	1	0	0	0	5	0	0	1	3	1	16
	02:30	0	0	3	0	2	0	0	0	2	0	0	1	1	0	9
	02:45	0	1	0	2	0	0	0	0	1	0	0	0	2	0	6
	03:00	0	1	2	0	0	0	0	0	2	0	0	0	1	0	6
	03:15	0	0	2	0	1	0	0	0	4	0	0	0	1	0	8
	03:30	0	3	2	0	0	0	0	0	3	0	0	0	0	0	8
	03:45	0	1	3	0	0	0	0	0	3	0	0	0	2	0	9
	04:00	0	4	7	0	2	0	0	0	3	0	0	0	0	0	16
	04:15	0	3	8	0	1	0	0	0	1	0	0	0	2	0	15
	04:30	0	4	9	0	0	0	0	3	2	1	0	0	3	0	22
	04:45	0	4	11	4	2	0	0	1	6	0	0	0	0	1	29
	05:00	0	1	5	4	1	0	0	0	3	1	0	0	0	0	15
	05:15	0	7	22	0	3	0	0	0	3	1	0	0	2	0	38
	05:30	0	3	25	1	0	1	0	1	5	0	0	0	4	0	40
	05:45	0	8	27	1	0	2	0	0	1	0	0	0	6	0	45
	06:00	0	5	25	0	2	0	0	0	4	0	0	0	2	0	38
	06:15	0	9	45	1	7	0	0	0	5	0	0	0	2	0	69
	06:30	1	17	56	2	10	1	0	3	8	1	0	0	2	0	101
	06:45	0	10	62	1	12	0	0	3	9	1	0	0	1	0	99
	07:00	0	8	48	1	12	2	0	0	8	3	0	0	2	1	85
	07:15	1	13	73	2	10	1	2	2	9	0	0	0	1	4	118
	07:30	1	12	80	3	14	0	0	3	6	2	0	0	0	0	121
	07:45	0	16	80	3	11	0	0	4	6	2	0	0	5	1	128
	08:00	0	7	67	1	14	0	0	2	19	5	0	0	2	1	118
	08:15	0	13	50	3	14	0	0	1	6	1	0	0	2	3	93
	08:30	0	15	68	2	13	0	1	1	15	0	0	0	5	1	121
	08:45	0	10	62	3	13	1	0	2	16	2	0	0	1	0	110
	09:00	0	11	68	1	11	3	0	1	15	2	0	0	3	3	118
	09:15	1	3	71	1	11	1	2	3	13	1	0	0	4	2	113
	09:30	0	1	54	1	16	0	1	4	14	3	0	0	5	0	99
	09:45	1	1	63	5	17	0	0	0	17	2	0	0	2	3	111
	10:00	0	1	41	0	17	0	1	3	13	3	0	0	3	0	82
	10:15	0	0	55	1	16	0	1	5	11	1	0	0	2	0	92
	10:30	0	1	58	2	11	0	0	5	10	1	0	0	1	1	90
	10:45	0	3	70	0	15	0	0	3	18	2	0	0	5	0	116
	11:00	0	6	57	4	12	1	0	1	7	1	0	0	1	1	91
	11:15	0	5	59	3	14	3	0	2	13	2	0	0	1	2	104
	11:30	0	3	61	2	16	0	0	6	12	1	0	0	3	2	106
	11:45	0	5	64	3	8	0	1	2	14	0	0	0	4	2	103
	12:00	0	3	79	1	20	0	0	4	10	1	0	0	2	2	122
	12:15	0	0	58	1	17	0	1	3	8	1	0	0	2	2	93

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	1	73	1	11	0	1	2	7	2	0	0	0	0	98
Tue	12:45	0	16	71	2	6	1	2	4	11	2	0	1	1	2	119
	13:00	0	14	77	2	10	0	3	2	9	1	0	0	6	0	124
	13:15	0	8	86	1	9	0	2	1	11	3	0	0	3	0	124
	13:30	1	11	90	1	12	2	2	3	16	1	0	0	1	2	142
	13:45	0	10	90	2	6	0	1	3	8	1	0	0	1	0	122
	14:00	0	17	90	1	15	0	0	1	10	2	0	0	2	1	139
	14:15	0	14	79	2	13	1	1	3	10	0	0	0	1	0	124
	14:30	0	19	87	1	9	1	0	2	17	0	0	0	3	1	140
	14:45	0	16	120	1	6	1	1	3	13	2	0	0	2	0	165
	15:00	0	16	87	1	7	2	0	4	8	2	0	0	1	1	129
	15:15	2	13	110	0	14	0	1	0	12	2	1	0	2	1	158
	15:30	0	15	100	0	9	0	0	2	10	3	0	0	0	2	141
	15:45	1	26	119	1	13	0	0	5	8	5	0	0	1	0	179
	16:00	1	25	103	0	6	0	2	2	7	0	0	0	1	0	147
	16:15	0	24	156	2	7	0	1	2	5	4	0	0	1	1	203
	16:30	0	26	128	1	11	1	0	3	10	2	0	0	0	1	183
	16:45	0	37	120	0	9	0	0	2	4	3	0	0	1	2	178
	17:00	1	39	131	1	9	1	0	1	7	4	0	0	3	0	197
	17:15	0	43	150	1	13	0	0	1	9	3	0	0	3	0	223
	17:30	0	44	150	1	7	1	0	2	5	3	0	0	3	3	219
	17:45	0	28	167	0	17	0	1	2	7	5	0	0	1	3	231
	18:00	0	18	136	0	14	0	1	1	1	4	0	0	1	1	177
	18:15	0	27	112	0	6	0	0	1	5	2	0	0	2	3	158
	18:30	0	25	80	0	10	0	0	3	12	1	0	1	5	1	138
	18:45	1	14	87	1	7	0	0	1	1	1	0	0	3	0	116
	19:00	0	15	75	0	8	0	0	1	3	1	0	0	3	0	106
	19:15	1	8	69	0	8	1	0	2	4	3	0	0	6	0	102
	19:30	0	12	71	0	7	0	0	1	4	2	0	0	3	0	100
	19:45	0	12	70	2	11	0	0	0	4	0	1	0	6	0	106
	20:00	1	12	65	0	9	0	1	0	7	2	0	1	3	1	102
	20:15	0	10	70	1	8	1	0	4	5	1	0	1	1	1	103
	20:30	1	8	46	1	5	0	0	1	8	1	0	0	1	0	72
	20:45	1	11	55	1	6	1	0	0	2	4	0	1	9	2	93
	21:00	1	5	51	0	3	1	0	2	4	2	0	0	6	0	75
	21:15	0	10	50	0	2	0	0	0	4	2	0	0	6	1	75
	21:30	0	2	51	0	2	0	0	1	2	0	0	0	1	0	59
	21:45	0	7	31	0	2	0	0	1	0	1	0	1	4	0	47
	22:00	0	5	24	0	6	1	0	0	0	2	0	0	2	0	40
	22:15	0	6	35	0	2	0	0	0	2	3	0	0	1	0	49
	22:30	0	7	21	0	0	0	0	0	3	1	0	0	1	0	33
	22:45	1	5	14	1	2	0	0	1	3	3	0	0	2	1	33
	23:00	0	8	19	0	0	0	0	0	1	1	0	0	1	2	32
	23:15	0	7	20	0	2	0	0	0	3	0	0	0	0	0	32
	23:30	1	2	18	0	0	0	0	0	0	0	0	0	0	0	21
	23:45	0	2	8	0	1	0	0	0	2	1	0	0	2	0	16
Daily Total :		19	941	5425	91	691	32	30	143	636	131	2	9	204	68	8422
Percent :		0%	11%	64%	1%	8%	0%	0%	2%	8%	2%	0%	0%	2%	1%	
Average :		0	10	57	1	7	0	0	1	7	1	0	0	2	1	87

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	1	8	1	3	0	0	0	1	0	0	0	1	0	15
Wed	00:15	0	5	11	0	1	0	0	0	0	3	0	0	0	0	20
	00:30	0	2	14	0	1	0	0	0	2	2	0	0	2	0	23
	00:45	0	1	11	0	2	0	0	0	1	1	0	2	0	1	19
	01:00	0	1	11	0	0	0	0	0	0	1	0	0	1	0	14
	01:15	0	0	6	0	1	1	0	0	1	1	0	0	3	0	13
	01:30	0	4	5	0	2	0	0	0	0	1	0	0	0	0	12
	01:45	0	0	2	1	0	0	0	1	0	0	0	0	5	0	9
	02:00	0	1	6	0	0	0	0	1	2	1	0	0	1	0	12
	02:15	0	0	4	0	0	0	0	0	3	2	0	0	0	1	10
	02:30	0	1	2	0	0	0	0	0	1	2	0	0	2	0	8
	02:45	0	0	0	0	0	1	0	0	2	0	0	0	2	2	7
	03:00	0	0	2	1	2	0	0	0	0	0	0	0	1	1	7
	03:15	0	2	0	0	0	0	0	0	2	0	0	0	2	0	6
	03:30	0	0	2	0	0	1	0	1	3	1	0	0	3	1	12
	03:45	1	2	2	0	0	0	0	0	3	3	0	0	1	1	13
	04:00	0	2	5	0	1	0	0	2	1	1	0	0	1	2	15
	04:15	0	4	8	0	1	0	0	1	2	0	0	0	3	1	20
	04:30	0	4	12	1	1	0	0	2	2	1	0	0	3	0	26
	04:45	1	5	8	3	2	0	0	1	2	4	0	0	1	1	28
	05:00	1	5	13	3	1	0	1	0	4	1	0	0	1	0	30
	05:15	0	4	9	0	2	0	0	0	2	6	0	1	1	2	27
	05:30	0	8	26	1	2	0	0	1	3	2	0	0	4	0	47
	05:45	0	8	20	1	2	2	0	1	6	2	0	0	7	1	50
	06:00	1	6	27	2	5	3	0	3	7	1	0	0	2	1	58
	06:15	0	14	44	0	7	0	0	1	2	3	0	0	3	1	75
	06:30	1	12	49	1	10	0	0	2	0	3	0	0	4	1	83
	06:45	0	13	67	1	11	2	0	2	5	2	0	0	4	0	107
	07:00	1	5	58	1	7	0	0	1	3	2	0	0	7	2	87
	07:15	0	5	76	1	15	1	0	5	5	5	0	0	8	6	127
	07:30	0	10	88	1	10	3	1	0	2	4	0	0	3	0	122
	07:45	0	10	80	1	11	4	0	3	7	8	0	0	4	0	128
	08:00	0	6	63	4	8	2	0	1	5	4	0	0	8	0	101
	08:15	1	9	65	2	2	2	1	1	3	4	0	0	4	2	96
	08:30	1	4	75	1	17	2	0	8	11	2	0	0	5	5	131
	08:45	0	6	79	1	12	0	1	3	9	4	0	1	3	3	122
	09:00	0	4	56	1	14	5	0	2	9	3	0	0	5	1	100
	09:15	1	2	49	0	11	0	0	2	16	5	0	0	3	3	92
	09:30	0	10	64	0	10	1	0	3	7	4	0	0	6	3	108
	09:45	0	5	66	1	12	2	2	5	15	6	0	0	4	0	118
	10:00	1	5	58	0	4	1	0	3	16	4	0	0	4	0	96
	10:15	0	22	55	0	12	2	1	4	4	4	0	0	3	4	111
	10:30	0	11	63	0	8	1	0	5	10	2	0	0	5	2	107
	10:45	0	14	91	2	4	0	0	5	11	6	0	0	3	3	139
	11:00	0	13	66	2	6	0	1	2	9	2	0	0	4	2	107
	11:15	1	17	63	3	11	2	1	3	16	2	0	0	0	3	122
	11:30	0	10	66	4	7	1	0	5	11	2	0	0	4	0	110
	11:45	1	18	90	1	7	1	0	5	14	1	0	0	3	2	143
	12:00	0	21	72	0	8	0	2	2	16	0	0	0	2	2	125
	12:15	0	20	82	2	12	0	0	2	9	3	0	0	5	1	136

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	21	73	0	7	0	1	1	12	5	0	0	2	2	124
Wed	12:45	0	27	67	3	7	0	1	2	13	2	0	0	0	2	124
	13:00	2	17	59	2	7	1	1	2	9	5	0	0	3	1	109
	13:15	0	18	89	3	12	0	1	3	11	3	0	0	5	1	146
	13:30	0	6	91	0	15	1	0	4	7	1	0	0	3	1	129
	13:45	0	9	91	1	17	1	1	2	10	5	0	0	2	1	140
	14:00	0	8	105	2	14	0	1	4	6	2	0	0	2	3	147
	14:15	0	11	120	1	14	1	0	1	7	4	0	0	5	0	164
	14:30	0	7	101	2	11	1	1	4	6	1	0	0	4	2	140
	14:45	0	8	113	2	12	2	0	5	9	3	0	0	4	2	160
	15:00	0	9	123	3	13	2	1	2	12	1	0	0	2	2	170
	15:15	0	11	138	2	20	1	0	2	12	1	0	0	1	2	190
	15:30	2	9	126	3	25	0	1	0	5	0	0	0	2	0	173
	15:45	0	7	115	1	19	0	0	4	13	2	0	0	4	4	169
	16:00	0	11	136	0	11	0	0	3	8	3	0	0	1	1	174
	16:15	0	8	135	0	19	0	0	2	6	1	0	0	2	4	177
	16:30	0	9	136	1	14	1	0	0	8	5	0	0	2	2	178
	16:45	0	10	180	1	23	0	0	4	8	5	0	0	1	0	232
	17:00	0	15	155	0	22	0	0	2	11	0	1	0	4	0	210
	17:15	2	15	179	0	24	0	0	4	8	2	0	0	4	0	238
	17:30	0	17	184	1	12	2	0	0	14	3	0	0	2	1	236
	17:45	0	17	146	2	18	1	0	4	11	4	0	0	4	0	207
	18:00	1	9	130	0	11	1	0	4	8	1	0	0	1	2	168
	18:15	0	9	121	0	15	1	1	0	8	2	0	0	4	1	162
	18:30	1	7	94	0	15	1	0	2	10	0	0	0	1	0	131
	18:45	0	6	95	1	14	0	0	2	8	0	0	1	2	1	130
	19:00	2	16	81	0	9	1	0	3	11	1	1	0	1	2	128
	19:15	0	9	63	0	8	0	0	1	8	2	0	0	2	0	93
	19:30	1	3	59	0	2	0	0	0	8	2	0	0	2	1	78
	19:45	0	6	74	0	8	0	0	0	6	2	0	1	7	1	105
	20:00	0	3	69	0	9	1	1	0	5	1	0	0	2	0	91
	20:15	1	3	71	0	4	0	0	1	9	2	0	0	4	2	97
	20:30	0	4	58	0	6	0	0	2	4	3	0	1	5	0	83
	20:45	0	6	57	1	5	1	0	2	6	2	0	0	4	0	84
	21:00	2	5	58	0	4	0	0	2	5	0	1	0	3	2	82
	21:15	0	9	58	1	8	0	0	1	4	2	0	0	0	0	83
	21:30	0	17	41	0	2	0	0	1	0	1	0	1	2	0	65
	21:45	0	3	32	0	4	0	0	2	4	0	0	2	4	0	51
	22:00	0	5	21	0	3	0	0	2	2	0	2	0	3	0	38
	22:15	0	2	19	0	2	0	0	1	5	1	0	1	1	0	32
	22:30	0	2	22	0	1	0	0	0	6	0	0	1	2	0	34
	22:45	0	1	22	0	1	0	0	1	1	0	0	0	5	1	32
	23:00	0	3	10	0	1	0	0	0	4	0	0	0	0	0	18
	23:15	0	2	15	0	1	0	0	1	3	0	0	0	0	0	22
	23:30	0	0	14	0	1	0	0	0	1	0	0	0	0	0	16
	23:45	0	1	20	0	1	0	0	1	1	0	0	0	0	0	24
Daily Total :		26	733	5865	77	736	60	22	173	598	201	5	12	265	105	8878
	Percent :	0%	8%	66%	1%	8%	1%	0%	2%	7%	2%	0%	0%	3%	1%	
	Average :	0	8	61	1	8	1	0	2	6	2	0	0	3	1	93

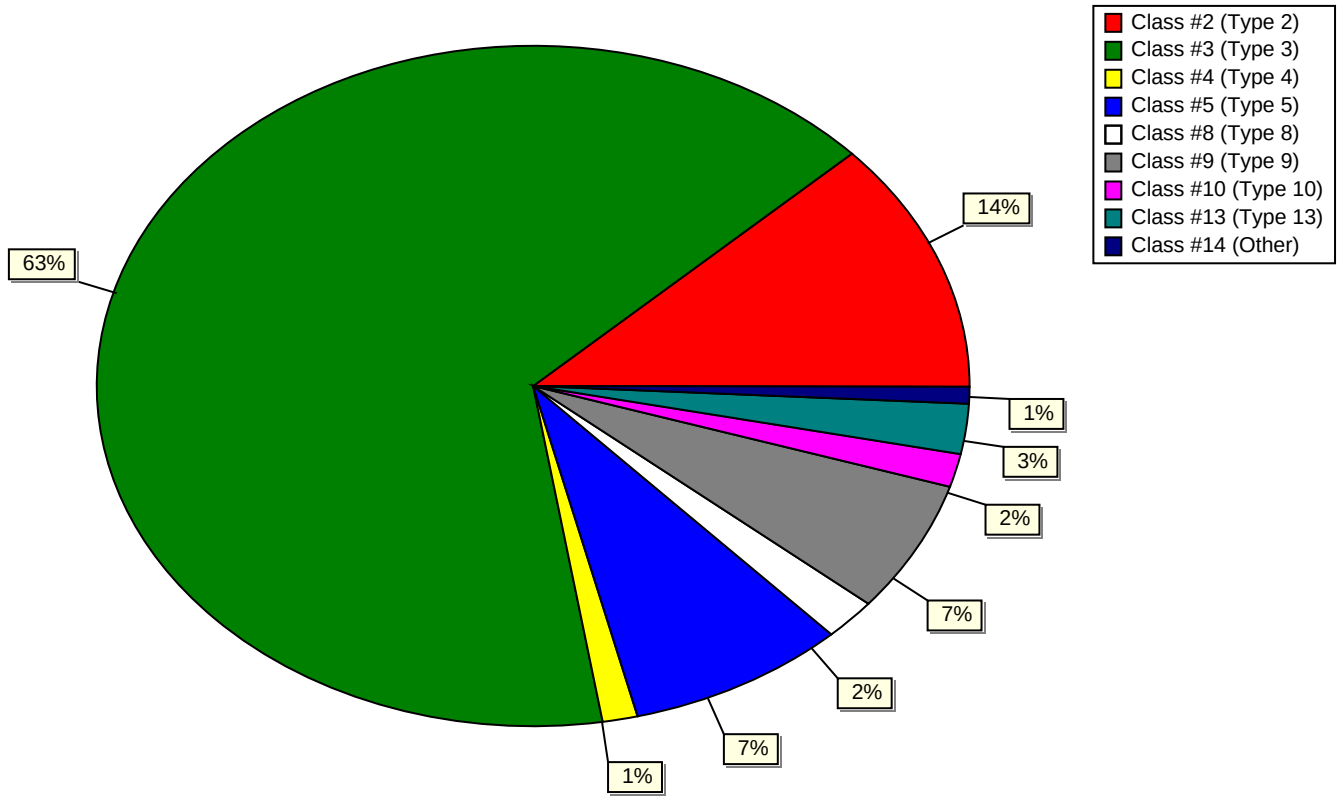
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	2	9	0	2	0	0	0	3	1	0	1	1	1	20
Thu	00:15	0	2	6	0	1	0	0	1	2	1	0	0	3	2	18
	00:30	0	2	5	0	2	0	0	0	2	0	0	0	4	0	15
	00:45	0	1	7	0	2	0	0	0	0	0	0	0	2	1	13
	01:00	0	3	12	0	0	0	0	0	1	1	0	0	4	1	22
	01:15	0	2	6	0	1	0	0	0	1	0	0	0	0	0	10
	01:30	0	0	4	0	0	0	0	0	1	0	0	0	0	0	5
	01:45	0	2	4	0	1	0	0	0	0	1	0	0	4	0	12
	02:00	0	3	5	0	1	0	0	1	4	0	0	0	0	0	14
	02:15	1	1	6	0	0	0	0	2	0	1	0	0	2	0	13
	02:30	0	0	4	0	1	0	0	0	0	0	0	0	3	0	8
	02:45	0	0	2	0	0	0	0	1	0	0	0	0	3	1	7
	03:00	0	1	4	1	1	0	0	0	1	1	0	0	0	0	9
	03:15	0	1	1	0	1	0	0	1	1	0	0	0	2	1	8
	03:30	0	1	4	0	0	0	0	0	4	0	0	0	1	0	10
	03:45	0	0	1	0	0	0	0	0	3	1	0	0	1	0	6
	04:00	0	1	7	0	3	0	0	1	2	0	0	0	3	2	19
	04:15	0	3	7	0	0	0	0	1	3	0	0	0	4	1	19
	04:30	0	0	8	0	0	0	0	1	3	0	0	0	4	0	16
	04:45	0	1	16	0	1	0	0	3	3	1	0	0	2	1	28
	05:00	0	1	14	4	1	0	0	1	1	1	0	0	3	0	26
	05:15	0	2	8	0	4	0	1	0	4	2	0	0	4	2	27
	05:30	0	4	27	0	4	3	1	2	2	1	0	0	7	0	51
	05:45	1	7	19	0	3	1	1	2	3	3	0	0	1	2	43
	06:00	1	1	35	1	4	0	0	1	6	2	0	0	3	0	54
	06:15	0	4	46	0	8	2	0	5	3	3	0	0	4	1	76
	06:30	2	8	42	0	8	0	0	3	4	4	0	0	1	0	72
	06:45	2	9	70	0	13	2	1	0	4	2	0	0	6	3	112
	07:00	0	4	44	2	10	3	0	2	5	6	0	0	5	1	82
	07:15	1	4	73	2	6	0	0	2	4	0	0	0	3	4	99
Daily Total :		8	70	496	10	78	11	4	30	70	32	0	1	80	24	914
	Percent :	1%	8%	54%	1%	9%	1%	0%	3%	8%	4%	0%	0%	9%	3%	
	Average :	0	2	17	0	3	0	0	1	2	1	0	0	3	1	30

Basic Axle Class Summary: 4D0032456

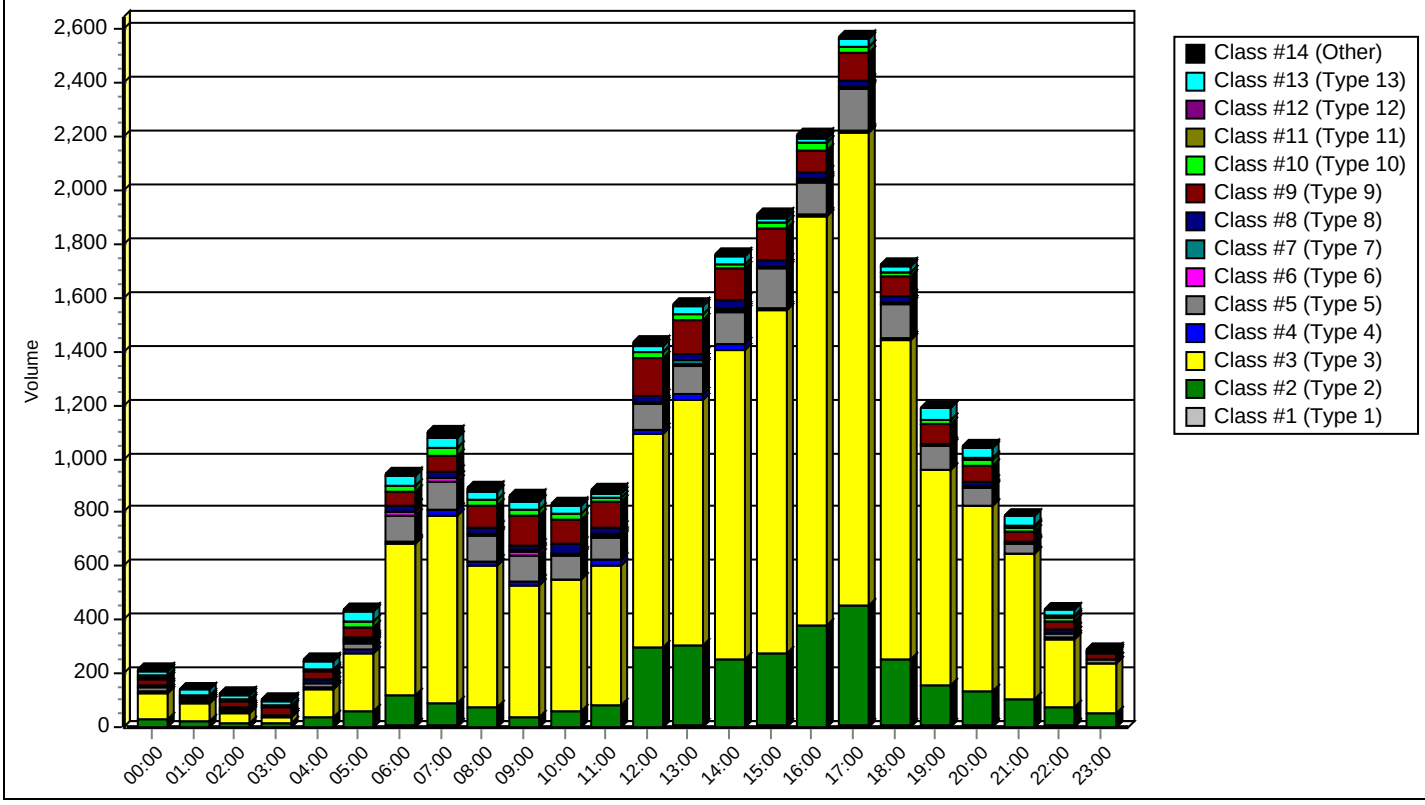
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	81	3288	14956	210	1718	117	68	395	1630	397	14	36	623	213	23746
		81	3288	14956	210	1718	117	68	395	1630	397	14	36	623	213	23746
Percents :	#1.	0%	14%	63%	1%	7%	0%	0%	2%	7%	2%	0%	0%	3%	1%	100%
		0%	14%	63%	1%	7%	0%	0%	2%	7%	2%	0%	0%	3%	1%	
Average :	#1.	0	12	55	1	6	0	0	1	6	1	0	0	2	1	85
		0	12	55	1	6	0	0	1	6	1	0	0	2	1	85
Days & ADT :	#1.	2.8	8443													
		2.8	8443													

4D0032456 Axle Class Charts For Data From: 12:00 - 04/11/2011 To: 07:44 - 04/14/2011

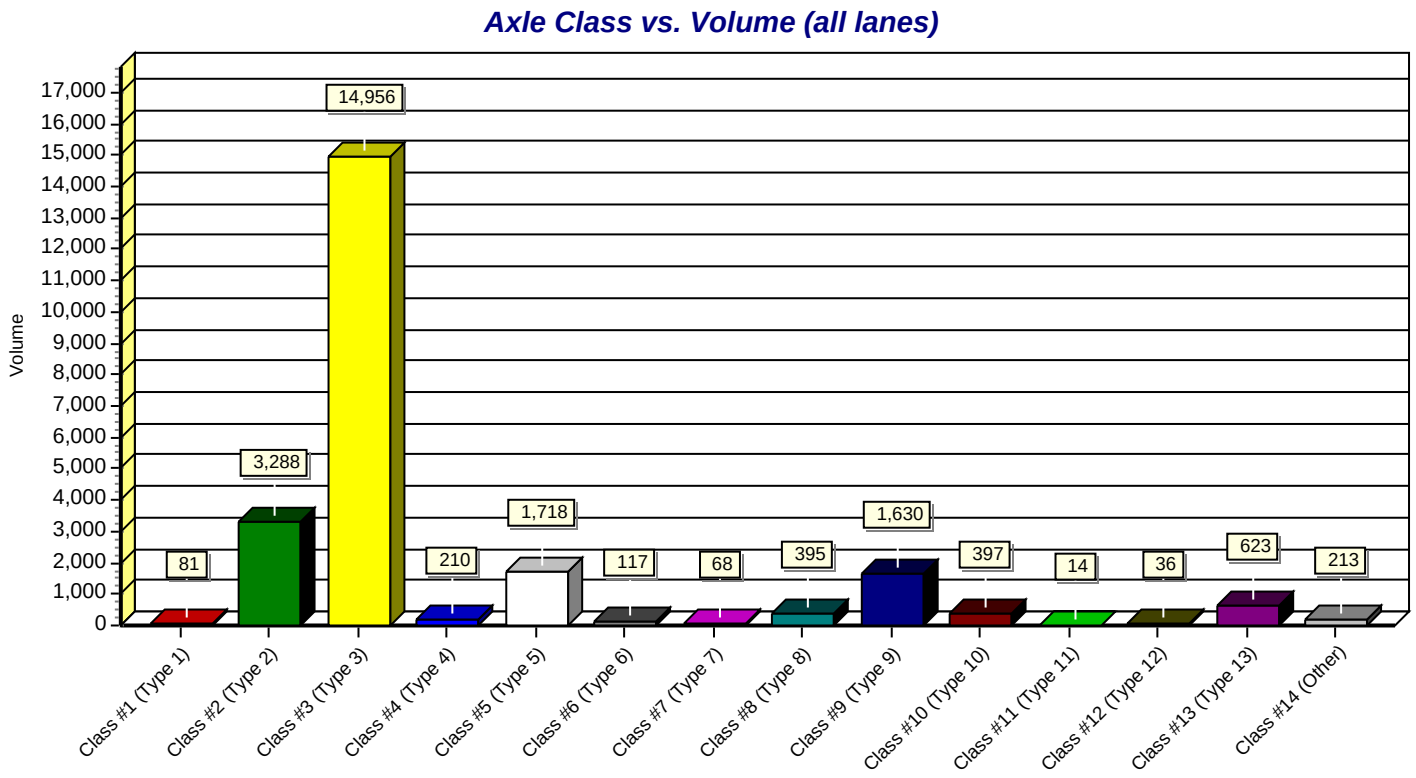
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0032456 Axle Class Charts For Data From: 12:00 - 04/11/2011 To: 07:44 - 04/14/2011



Basic Speed Classification Report: 4D0032456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 12:00 - 04/11/2011 To: 07:44 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	12:00	1	0	0	0	0	1	8	2	14	20	36	21	21	4	1	0	129
Mon	12:15	0	0	0	0	0	0	1	0	13	17	34	23	13	5	2	0	108
	12:30	0	0	0	0	0	0	0	3	12	24	24	25	26	14	2	0	130
	12:45	0	0	0	0	0	0	0	0	0	14	42	36	20	15	2	0	129
	13:00	0	0	0	0	0	0	0	0	7	16	42	27	28	11	1	0	132
	13:15	0	0	0	0	0	0	0	0	3	13	39	29	30	14	2	0	130
	13:30	0	0	0	0	0	0	0	2	10	27	35	35	15	18	5	0	147
	13:45	0	0	0	0	0	0	0	0	7	16	38	35	21	14	3	0	134
	14:00	0	0	0	0	0	0	0	1	11	11	27	49	16	15	2	0	132
	14:15	0	0	0	0	0	0	0	2	12	15	33	34	22	17	5	0	140
	14:30	0	0	0	0	0	0	0	2	7	14	42	39	21	21	6	0	152
	14:45	0	0	0	0	0	0	0	1	7	12	44	41	24	25	8	0	162
	15:00	0	0	0	0	0	0	1	6	2	6	34	38	19	27	12	0	145
	15:15	0	0	0	0	0	0	0	1	1	8	33	52	29	19	7	0	150
	15:30	0	0	0	0	0	0	0	1	7	10	26	40	31	22	8	0	145
	15:45	0	0	0	0	0	0	0	0	2	12	41	47	19	25	18	0	164
	16:00	0	0	0	0	0	0	0	0	3	7	42	39	37	24	10	0	162
	16:15	0	0	0	0	0	0	0	0	6	12	50	43	52	21	11	0	195
	16:30	0	0	0	0	0	0	0	0	6	4	36	49	51	25	11	0	182
	16:45	0	0	1	0	0	0	0	0	3	14	29	58	49	23	21	0	198
	17:00	0	0	0	0	0	0	0	0	1	11	24	56	53	33	16	0	194
	17:15	0	0	0	0	0	0	0	0	3	17	23	51	63	56	18	0	231
	17:30	0	0	0	0	0	0	0	0	1	9	35	32	50	35	27	0	189
	17:45	0	0	0	0	0	0	0	0	1	7	42	39	39	46	24	0	198
	18:00	0	0	0	0	0	0	0	0	1	2	10	40	40	26	27	0	146
	18:15	0	0	0	0	0	0	0	0	2	3	10	26	41	50	31	0	163
	18:30	0	0	0	0	0	0	0	2	0	1	16	28	28	46	13	0	134
	18:45	0	1	0	0	0	0	0	0	0	2	14	14	28	24	22	0	105
	19:00	0	0	0	0	0	0	0	0	0	1	12	18	22	31	22	0	106
	19:15	0	0	0	0	0	0	0	0	0	6	13	15	16	21	16	0	87
	19:30	0	0	0	0	0	0	0	1	1	1	9	8	22	14	35	0	91
	19:45	0	0	0	0	0	0	0	0	0	0	5	17	13	18	36	0	89
	20:00	1	0	0	0	0	0	0	0	1	1	7	14	20	31	14	0	89
	20:15	0	0	0	0	0	0	0	0	0	1	8	11	20	19	14	0	73
	20:30	0	0	0	0	0	0	0	1	7	7	8	12	15	14	20	0	84
	20:45	0	0	0	0	0	0	0	0	0	1	5	19	13	19	19	0	76
	21:00	0	0	0	0	0	0	0	0	0	1	9	16	9	19	11	0	65
	21:15	0	0	0	0	0	0	0	0	0	1	11	25	16	16	8	0	77
	21:30	0	0	0	0	0	0	0	1	1	5	10	18	12	11	11	0	69
	21:45	0	0	0	0	0	0	0	0	0	0	1	9	10	11	12	0	43

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
4/11/201	22:00	0	0	0	0	0	0	0	0	0	1	6	10	12	8	11	0	48
Mon	22:15	0	0	0	0	0	0	0	0	0	2	5	7	6	5	4	0	29
	22:30	0	0	0	0	0	0	0	1	1	4	5	2	7	8	13	0	41
	22:45	0	0	0	0	0	0	0	0	0	1	3	4	3	10	11	0	32
	23:00	1	0	0	0	0	0	0	0	1	1	1	4	9	7	6	0	30
	23:15	0	0	0	0	0	0	0	0	0	0	3	4	8	4	7	0	26
	23:30	0	0	0	0	0	0	0	0	1	2	0	5	9	4	3	0	24
	23:45	0	0	0	0	0	0	0	0	1	1	5	6	4	5	5	0	27
Daily Total :		3	1	1	0	0	1	10	27	156	361	1027	1270	1132	950	593	0	5532
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	3%	7%	19%	23%	20%	17%	11%	0%	
	Average :	0	0	0	0	0	0	0	1	3	8	21	26	24	20	12	0	85

Speeds - Average: 77.8 50% : 74.7 67% : 78.7 85% : 83.8 10mph Pace: 70.1 - 80.0 (43.8%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	1	3	6	5	3	1	0	19
Tue	00:15	0	0	0	0	0	0	0	0	0	0	2	6	3	4	5	0	20
	00:30	0	0	0	0	0	0	0	0	0	0	3	7	1	2	2	0	15
	00:45	0	0	0	0	0	0	0	0	1	0	3	6	0	5	1	0	16
	01:00	0	0	0	0	0	0	0	0	0	0	2	4	4	4	1	0	15
	01:15	0	0	0	0	0	0	0	0	0	1	2	3	1	0	3	0	10
	01:30	0	0	0	0	0	0	0	0	0	0	1	1	3	3	0	0	8
	01:45	0	0	0	0	0	0	0	0	1	1	2	4	2	0	1	0	11
	02:00	0	0	0	0	0	0	0	0	0	0	2	4	3	3	3	0	15
	02:15	0	0	0	0	0	0	0	0	0	0	4	1	7	2	2	0	16
	02:30	0	0	0	0	0	0	1	1	0	0	1	0	3	1	2	0	9
	02:45	0	0	0	0	0	0	0	0	0	0	1	2	3	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	0	1	2	1	1	0	1	0	6
	03:15	0	0	0	0	0	0	0	0	0	1	1	3	1	1	1	0	8
	03:30	0	0	0	0	0	0	0	0	0	1	1	2	2	0	2	0	8
	03:45	0	0	0	0	0	0	0	0	0	1	2	1	3	0	2	0	9
	04:00	0	0	0	0	0	0	0	0	1	0	1	2	6	0	6	0	16
	04:15	0	0	0	0	0	0	0	0	0	1	0	0	6	3	5	0	15
	04:30	0	0	0	0	0	0	0	0	1	1	5	7	3	1	4	0	22
	04:45	0	0	0	0	0	0	0	0	0	1	7	8	3	4	6	0	29
	05:00	0	0	0	0	0	0	0	0	0	0	2	4	4	4	1	0	15
	05:15	0	0	0	0	0	0	0	0	1	0	4	8	4	6	15	0	38
	05:30	0	0	0	0	0	0	0	0	0	1	4	6	11	7	11	0	40
	05:45	0	0	0	0	0	0	0	0	2	1	3	9	10	9	11	0	45
	06:00	0	0	0	0	0	0	0	0	0	0	2	4	11	6	15	0	38
	06:15	0	0	0	0	0	1	0	0	0	0	4	17	18	16	13	0	69
	06:30	0	0	0	0	0	0	0	0	3	4	7	19	26	21	21	0	101
	06:45	0	0	0	0	0	0	0	0	0	2	8	14	16	31	28	0	99
	07:00	0	0	0	0	0	0	0	0	0	1	13	15	14	14	28	0	85
	07:15	0	0	0	0	0	0	0	0	0	1	12	27	29	19	30	0	118
	07:30	0	0	0	0	0	0	0	0	1	2	9	16	25	29	39	0	121
	07:45	0	0	0	0	0	0	0	0	0	3	7	23	39	24	32	0	128
	08:00	0	0	0	0	0	0	0	0	1	4	5	30	38	22	18	0	118
	08:15	0	0	0	0	0	0	0	0	0	3	11	22	23	19	15	0	93
	08:30	1	0	0	0	0	0	0	0	1	2	13	23	37	22	22	0	121
	08:45	0	0	0	0	0	0	0	0	0	6	19	19	32	13	21	0	110
	09:00	0	0	0	0	0	0	0	0	0	11	21	34	18	27	7	0	118
	09:15	0	0	0	0	0	0	0	0	0	0	4	18	32	24	35	0	113
	09:30	0	0	0	0	0	0	0	0	0	1	6	13	33	13	33	0	99
	09:45	0	0	0	0	0	0	0	0	0	2	4	16	29	23	37	0	111
	10:00	0	0	0	0	0	0	0	0	0	1	1	13	20	26	21	0	82
	10:15	0	0	0	0	0	0	0	0	0	3	6	13	18	26	26	0	92
	10:30	0	0	0	0	0	0	0	0	1	4	2	18	28	17	20	0	90
	10:45	0	0	0	0	0	0	0	0	0	7	7	24	35	19	24	0	116
	11:00	0	0	0	0	0	0	0	0	0	1	5	14	18	21	32	0	91
	11:15	0	0	0	0	0	0	0	0	1	3	7	21	33	26	13	0	104
	11:30	0	0	0	0	0	0	0	0	0	0	6	12	26	21	41	0	106
	11:45	0	0	0	0	0	0	0	1	0	0	4	18	22	18	40	0	103
	12:00	0	0	0	0	0	0	0	2	0	0	5	25	26	21	43	0	122
	12:15	0	0	0	0	0	0	0	0	4	3	10	10	16	22	28	0	93

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	2	2	8	21	21	22	22	0	98
Tue	12:45	0	0	0	0	0	0	0	1	2	6	24	29	23	17	17	0	119
	13:00	0	0	0	0	0	0	0	0	2	4	7	33	30	27	21	0	124
	13:15	0	0	0	0	0	0	0	0	0	2	9	26	29	24	34	0	124
	13:30	0	0	0	0	0	0	0	0	0	6	17	34	32	26	27	0	142
	13:45	0	0	0	0	0	0	0	0	0	0	17	34	29	23	19	0	122
	14:00	0	0	0	0	0	0	0	0	0	2	14	34	39	30	20	0	139
	14:15	0	0	0	0	0	0	0	0	0	4	4	33	39	25	19	0	124
	14:30	0	0	0	0	0	0	0	0	1	4	11	30	45	23	26	0	140
	14:45	0	0	0	0	0	0	1	2	2	5	19	48	33	29	26	0	165
	15:00	0	0	0	0	0	0	0	0	0	0	10	32	42	25	20	0	129
	15:15	0	0	0	0	0	0	0	0	0	5	19	34	45	30	25	0	158
	15:30	0	0	0	0	0	0	0	4	2	5	11	28	30	26	35	0	141
	15:45	1	0	0	0	0	0	0	0	1	8	28	42	46	32	21	0	179
	16:00	0	0	0	0	0	0	0	0	0	6	22	30	38	26	25	0	147
	16:15	0	0	0	0	0	0	0	0	0	11	23	46	56	34	33	0	203
	16:30	0	0	0	0	0	0	0	0	5	4	20	44	46	33	31	0	183
	16:45	0	0	0	0	0	0	0	0	1	11	15	35	49	33	34	0	178
	17:00	0	0	0	0	0	0	0	0	0	11	23	45	52	36	30	0	197
	17:15	0	0	0	0	0	0	0	0	3	12	29	55	52	33	39	0	223
	17:30	0	0	0	0	0	0	0	0	1	0	30	49	56	46	37	0	219
	17:45	0	0	0	0	0	0	0	0	0	6	23	52	62	42	46	0	231
	18:00	0	0	0	0	0	0	0	0	2	5	5	18	41	57	49	0	177
	18:15	0	0	0	0	0	0	0	0	1	2	16	29	37	36	37	0	158
	18:30	0	0	0	0	0	0	0	0	3	2	15	32	27	22	37	0	138
	18:45	0	0	0	0	0	0	0	0	0	0	7	17	18	28	46	0	116
	19:00	0	0	0	0	0	0	0	0	0	0	0	11	25	31	39	0	106
	19:15	0	0	0	0	0	0	0	0	1	1	5	12	20	19	44	0	102
	19:30	0	0	0	0	0	0	0	0	0	0	3	19	22	27	29	0	100
	19:45	0	0	0	0	0	0	0	0	1	0	4	24	25	16	36	0	106
	20:00	0	0	0	0	0	0	0	0	0	0	12	18	21	22	29	0	102
	20:15	0	0	0	0	0	0	0	0	0	0	1	14	30	25	33	0	103
	20:30	0	0	0	0	0	0	0	0	0	2	9	13	20	9	19	0	72
	20:45	0	0	0	0	0	0	0	0	1	5	9	11	22	20	25	0	93
	21:00	0	0	0	0	0	0	0	0	0	0	8	16	13	18	20	0	75
	21:15	0	0	0	0	0	0	0	1	0	0	2	17	9	15	31	0	75
	21:30	0	0	0	0	0	0	0	0	0	1	2	3	11	15	27	0	59
	21:45	0	0	0	0	0	0	0	0	0	0	1	8	12	14	12	0	47
	22:00	0	0	0	0	0	0	0	0	0	0	2	6	11	8	13	0	40
	22:15	0	0	0	0	0	0	0	0	0	1	4	6	7	14	17	0	49
	22:30	0	0	0	0	0	0	0	1	0	0	4	7	11	0	10	0	33
	22:45	0	0	0	0	0	0	0	0	0	2	4	10	5	7	5	0	33
	23:00	0	0	0	0	0	0	0	0	0	0	7	2	9	8	6	0	32
	23:15	0	0	0	0	0	0	0	0	0	0	3	4	7	8	10	0	32
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	2	12	7	0	21
	23:45	0	0	0	0	0	0	0	0	0	2	1	6	2	2	3	0	16

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	0	0	0	1	2	13	50	213	763	1690	2052	1677	1959	0	8422
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	9%	20%	24%	20%	23%	0%	
	Average :	0	0	0	0	0	0	0	0	1	2	8	18	21	17	20	0	115

Speeds - Average: 85.3 50% : 78.6 67% : 82.6 85% : 108.8 10mph Pace: 70.1 - 80.0 (44.9%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	4	4	3	4	0	15
Wed	00:15	0	0	0	0	0	0	0	0	0	0	2	3	2	7	6	0	20
	00:30	0	0	0	0	0	0	0	0	0	0	0	6	6	2	9	0	23
	00:45	0	0	0	0	0	0	0	0	1	0	2	1	8	5	2	0	19
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	5	3	5	0	14
	01:15	0	0	0	0	0	0	0	0	0	0	0	4	6	2	1	0	13
	01:30	0	0	0	0	0	0	0	0	0	1	0	2	2	2	5	0	12
	01:45	0	0	0	0	0	0	0	0	0	0	2	1	5	0	1	0	9
	02:00	0	0	0	0	0	0	0	0	0	1	2	1	3	3	2	0	12
	02:15	0	0	0	0	0	0	0	1	0	1	1	2	3	1	1	0	10
	02:30	0	0	0	0	0	0	0	0	0	0	2	3	2	0	1	0	8
	02:45	0	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	7
	03:00	0	0	0	0	0	0	0	0	0	0	2	3	1	0	1	0	7
	03:15	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0	0	6
	03:30	0	0	0	0	0	0	0	0	0	1	6	2	2	0	1	0	12
	03:45	0	0	0	0	0	0	0	0	0	2	1	5	3	2	0	0	13
	04:00	0	0	0	0	0	0	0	0	0	0	5	2	2	2	4	0	15
	04:15	0	0	0	0	0	0	0	0	0	0	0	8	4	2	6	0	20
	04:30	0	0	0	0	0	0	0	0	0	1	0	9	5	2	9	0	26
	04:45	0	0	0	0	0	0	0	0	0	0	6	8	6	5	3	0	28
	05:00	0	0	0	0	0	0	0	0	1	0	3	10	8	4	4	0	30
	05:15	0	0	0	0	0	0	0	1	0	1	1	10	3	4	7	0	27
	05:30	0	0	0	0	0	0	0	0	1	3	3	14	8	8	10	0	47
	05:45	0	0	0	0	0	0	0	0	0	0	2	16	10	11	11	0	50
	06:00	0	0	0	0	0	0	0	0	0	0	3	16	20	9	10	0	58
	06:15	0	0	0	0	0	0	0	0	2	1	7	12	18	16	19	0	75
	06:30	0	0	0	0	0	0	0	0	0	2	9	17	26	14	15	0	83
	06:45	0	0	0	0	0	0	0	0	0	0	3	8	13	27	56	0	107
	07:00	0	0	0	0	0	0	0	1	0	0	2	6	26	20	32	0	87
	07:15	0	0	0	0	0	0	0	0	0	0	7	19	39	23	39	0	127
	07:30	0	0	0	0	0	0	0	0	0	1	5	13	20	26	57	0	122
	07:45	0	0	0	0	0	0	0	0	0	2	7	18	19	28	54	0	128
	08:00	0	0	0	0	0	0	0	0	0	1	6	17	22	25	30	0	101
	08:15	0	0	0	0	0	0	0	0	0	1	7	20	27	18	23	0	96
	08:30	0	0	0	0	0	0	0	0	0	2	11	38	26	21	33	0	131
	08:45	0	0	0	0	0	0	0	0	0	1	15	17	34	28	27	0	122
	09:00	0	0	0	0	0	0	0	0	0	3	7	29	18	16	27	0	100
	09:15	0	0	0	0	0	0	0	0	2	1	6	21	22	14	26	0	92
	09:30	0	0	0	0	0	0	0	0	0	0	7	31	27	21	22	0	108
	09:45	0	0	0	0	0	0	0	0	0	2	19	26	26	27	18	0	118
	10:00	0	0	0	0	0	0	1	0	1	1	7	20	34	17	15	0	96
	10:15	1	0	0	0	0	0	0	0	3	5	6	28	33	17	18	0	111
	10:30	0	0	0	0	0	0	0	0	0	3	9	40	25	15	15	0	107
	10:45	0	0	0	0	0	0	0	0	1	1	18	48	30	21	20	0	139
	11:00	0	0	0	0	0	0	0	0	0	2	13	21	23	22	26	0	107
	11:15	0	0	0	0	0	0	0	0	0	5	17	41	20	25	14	0	122
	11:30	0	0	0	0	0	0	0	0	4	3	14	25	29	18	17	0	110
	11:45	0	0	0	0	0	0	0	1	1	6	17	45	39	18	16	0	143
	12:00	0	0	0	0	0	0	2	0	3	4	16	27	26	26	21	0	125
	12:15	0	0	0	0	0	0	0	0	0	1	16	43	25	31	20	0	136

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	0	6	19	31	19	23	26	0	124
Wed	12:45	1	0	0	0	0	0	0	0	1	2	19	34	22	26	19	0	124
	13:00	1	0	0	0	0	0	0	0	3	5	7	40	23	12	18	0	109
	13:15	0	0	0	0	0	0	0	0	2	5	9	40	35	31	24	0	146
	13:30	0	0	0	0	0	0	0	0	0	3	15	23	32	18	38	0	129
	13:45	0	0	0	0	0	0	0	1	1	1	4	28	37	32	36	0	140
	14:00	0	0	0	0	0	0	0	0	0	0	4	31	38	23	51	0	147
	14:15	0	0	0	0	0	0	0	0	0	1	27	34	40	27	35	0	164
	14:30	0	0	0	0	0	0	0	0	0	1	6	30	42	25	36	0	140
	14:45	0	1	0	0	0	0	0	0	2	5	11	49	35	23	34	0	160
	15:00	0	0	0	1	0	0	0	0	2	10	21	37	31	28	40	0	170
	15:15	0	0	0	0	0	0	0	0	0	0	9	39	55	45	42	0	190
	15:30	0	0	0	0	0	0	0	0	2	0	13	19	41	43	55	0	173
	15:45	0	0	0	0	0	0	0	0	1	3	8	30	38	42	47	0	169
	16:00	0	0	0	0	0	0	0	0	0	2	5	22	40	43	62	0	174
	16:15	0	0	0	0	0	0	0	0	0	0	11	32	45	43	46	0	177
	16:30	0	0	0	0	0	0	0	0	0	1	25	41	35	29	47	0	178
	16:45	0	0	0	0	0	0	0	0	0	3	19	55	59	49	47	0	232
	17:00	0	0	0	0	0	0	0	0	2	8	15	38	51	37	59	0	210
	17:15	0	0	0	0	0	0	0	0	0	4	10	44	56	52	72	0	238
	17:30	0	0	0	0	0	0	0	0	0	0	25	40	58	51	62	0	236
	17:45	0	0	0	0	0	0	0	0	0	9	14	26	64	43	51	0	207
	18:00	0	0	0	0	0	0	0	0	0	0	8	15	45	34	66	0	168
	18:15	0	0	0	0	0	0	0	0	0	1	3	25	45	37	51	0	162
	18:30	0	0	0	0	0	0	0	0	0	0	3	12	27	28	61	0	131
	18:45	0	0	0	0	0	0	0	0	1	2	3	17	24	27	56	0	130
	19:00	0	0	0	0	0	0	0	0	0	2	13	22	29	23	39	0	128
	19:15	0	0	0	0	0	0	0	0	0	0	3	15	20	19	36	0	93
	19:30	0	0	0	0	0	0	0	0	0	0	2	7	14	20	35	0	78
	19:45	0	0	0	0	0	0	0	0	0	0	4	19	19	21	42	0	105
	20:00	0	0	0	0	0	0	0	0	0	0	4	14	16	19	38	0	91
	20:15	0	0	0	0	0	0	0	3	0	3	3	12	22	20	34	0	97
	20:30	0	0	0	0	0	0	0	0	0	0	7	14	15	21	26	0	83
	20:45	1	0	0	0	0	0	0	0	1	0	5	13	17	10	37	0	84
	21:00	0	0	0	0	0	0	0	0	0	1	2	15	19	20	25	0	82
	21:15	0	0	0	0	0	0	0	0	1	1	3	8	18	18	34	0	83
	21:30	0	0	0	0	0	0	0	0	0	0	3	12	12	17	21	0	65
	21:45	0	0	0	0	0	0	0	0	0	2	7	11	13	6	12	0	51
	22:00	0	0	0	0	0	0	0	0	0	2	3	9	9	3	12	0	38
	22:15	0	0	0	0	0	0	0	0	0	0	4	5	7	5	11	0	32
	22:30	0	0	0	0	0	0	0	2	0	0	4	7	7	6	8	0	34
	22:45	0	0	0	0	0	0	0	0	0	1	5	6	4	7	9	0	32
	23:00	0	0	0	0	0	0	0	1	0	0	0	5	4	4	4	0	18
	23:15	0	0	0	0	0	0	0	0	0	0	0	4	8	4	6	0	22
	23:30	0	0	0	0	0	0	0	0	0	0	2	1	4	4	5	0	16
	23:45	0	0	0	0	0	0	0	0	0	0	2	0	5	3	14	0	24

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	1	0	1	0	0	3	11	39	143	686	1797	2067	1734	2392	0	8878
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	8%	20%	23%	20%	27%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	7	19	22	18	25	0	87

Speeds - Average: 87.1 50% : 79.2 67% : 83.5 85% : 114.8 10mph Pace: 70.1 - 80.0 (44.0%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	1	1	1	6	3	8	0	20
Thu	00:15	0	0	0	0	0	0	0	0	0	0	1	3	4	2	8	0	18
	00:30	0	0	0	0	0	0	0	0	2	1	2	2	4	3	1	0	15
	00:45	0	0	0	0	0	0	0	0	0	0	1	5	2	4	1	0	13
	01:00	0	0	0	0	0	0	0	0	0	1	2	6	6	3	4	0	22
	01:15	0	0	0	0	0	0	0	0	0	0	1	3	2	2	2	0	10
	01:30	0	0	0	0	0	0	0	0	0	2	1	0	0	0	2	0	5
	01:45	0	0	0	0	0	0	0	0	0	0	3	2	4	2	1	0	12
	02:00	0	0	0	0	0	0	0	0	0	0	2	2	5	2	3	0	14
	02:15	0	0	0	0	0	0	0	0	0	0	2	5	5	0	1	0	13
	02:30	0	0	0	0	0	0	0	0	0	0	3	1	1	0	3	0	8
	02:45	0	0	0	0	0	0	0	0	1	0	1	2	0	1	2	0	7
	03:00	0	0	0	0	0	0	0	0	0	0	3	2	0	1	3	0	9
	03:15	0	0	0	0	0	0	0	0	0	1	1	3	0	2	1	0	8
	03:30	0	0	0	0	0	0	0	0	0	1	1	2	4	1	1	0	10
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	6
	04:00	0	0	0	0	0	0	0	1	1	0	4	4	6	1	2	0	19
	04:15	0	0	0	0	0	0	0	0	0	0	4	5	5	3	2	0	19
	04:30	0	0	0	0	0	0	0	0	0	1	2	4	2	5	2	0	16
	04:45	0	0	0	0	0	0	0	0	0	1	3	9	6	1	8	0	28
	05:00	0	0	0	0	0	0	0	1	0	1	1	5	4	6	8	0	26
	05:15	0	0	0	0	0	0	0	0	0	3	2	2	9	3	8	0	27
	05:30	0	0	0	0	0	0	0	0	0	2	5	12	10	5	17	0	51
	05:45	0	0	0	0	0	0	0	1	2	4	2	15	5	8	6	0	43
	06:00	0	0	0	0	0	0	0	0	0	0	5	11	13	11	14	0	54
	06:15	0	0	0	0	0	0	0	0	0	0	3	17	18	21	17	0	76
	06:30	0	0	0	0	0	0	0	0	0	2	0	15	15	17	23	0	72
	06:45	0	0	0	0	0	0	0	1	0	0	3	22	24	20	42	0	112
	07:00	0	0	0	0	0	0	0	0	0	0	1	13	23	16	29	0	82
	07:15	0	0	0	0	0	0	0	0	0	4	8	18	28	26	15	0	99
Daily Total :		0	0	0	0	0	0	0	4	6	25	68	192	216	169	234	0	914
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	7%	21%	24%	18%	26%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	2	6	7	6	8	0	92

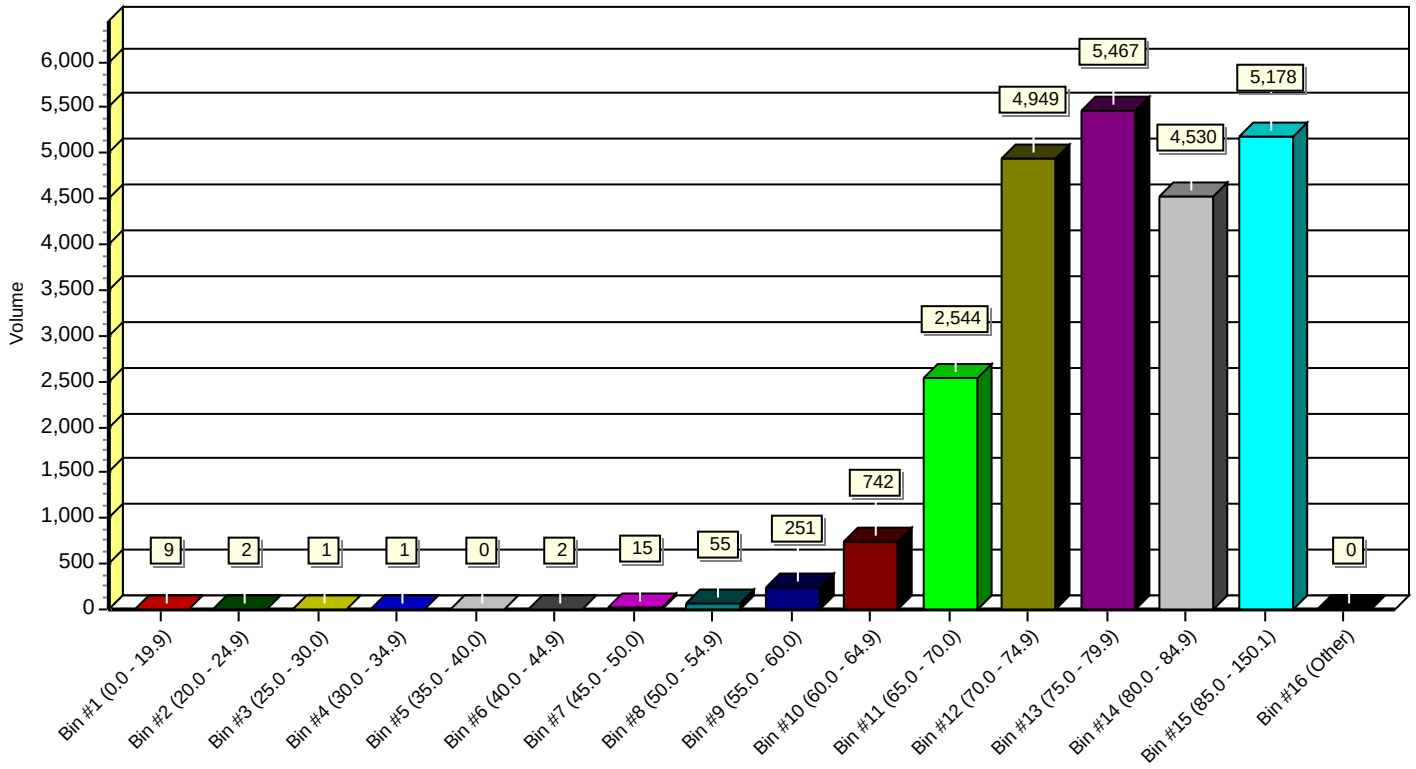
Speeds - Average: 86.2 50% : 78.7 67% : 82.9 85% : 116.3 10mph Pace: 71.5 - 81.4 (45.1%)

Basic Speed Class Summary: 4D0032456

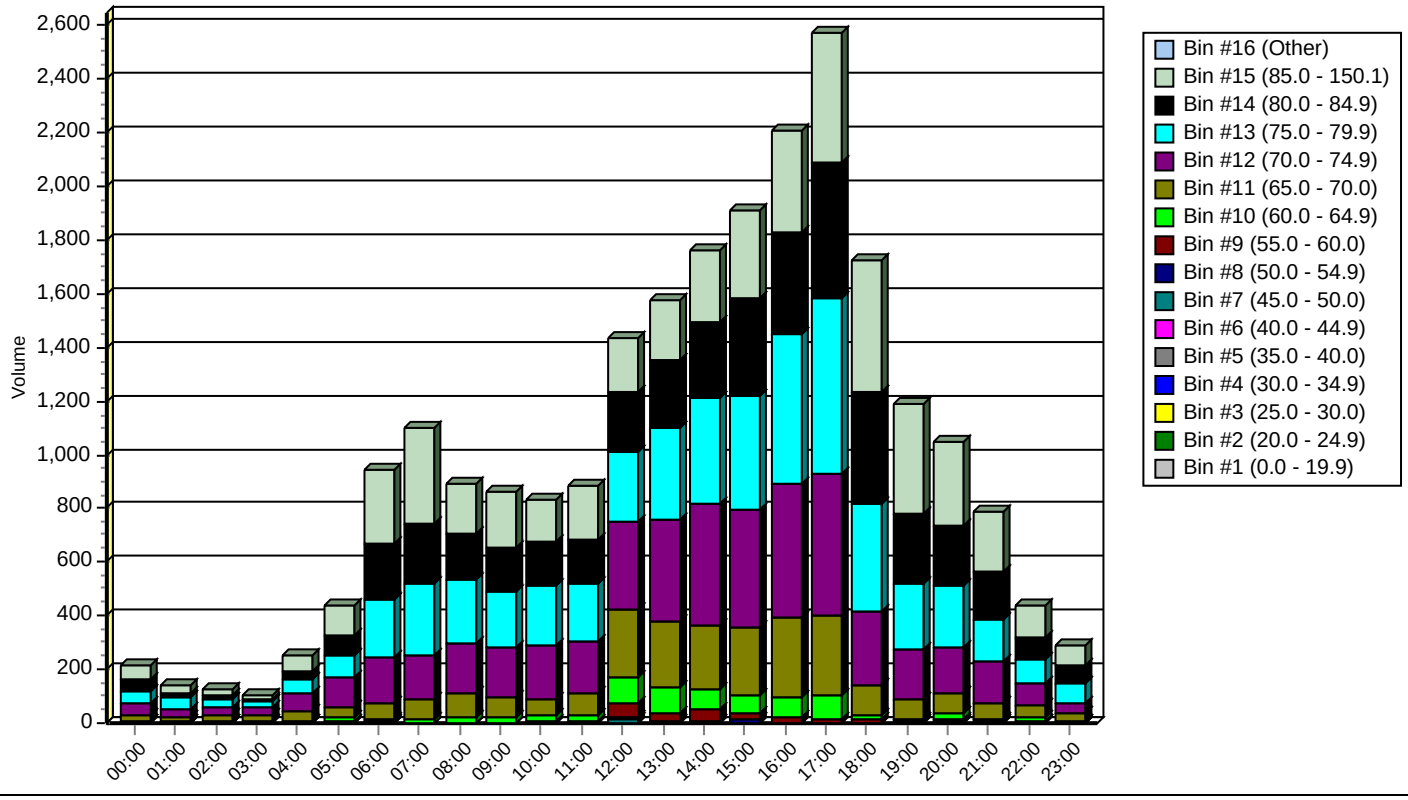
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	9	2	1	1	0	2	15	55	251	742	2544	4949	5467	4530	5178	0	23746
		9	2	1	1	0	2	15	55	251	742	2544	4949	5467	4530	5178	0	23746
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	11%	21%	23%	19%	22%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	11%	21%	23%	19%	22%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	1	3	9	18	20	17	19	0	87
		0	0	0	0	0	0	0	0	1	3	9	18	20	17	19	0	87
Days & ADT :	#1.	2.8	8443															
		2.8	8443															
Avg,50,67,85%:	#1.	84.3	78.0	82.1	105.5	70.1	- 80.0	44%										
		84.3	78.0	82.1	105.5	70.1	- 80.0	44%										

4D0032456 Speed Class Charts For Data From: 12:00 - 04/11/2011 To: 07:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0032456

Station ID : 4P0032456
Info Line 1 : WB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 4P0032456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14604
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 12:00 - 04/11/2011 To: 07:29 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	12:00	0	13	8	0	0	0	0	0	3	1	0	0	1	0	26
Mon	12:15	0	14	3	0	0	1	0	0	1	0	0	0	0	0	19
	12:30	0	17	8	0	0	0	0	0	1	0	0	0	0	0	26
	12:45	0	15	8	0	0	0	0	0	0	0	0	0	0	0	23
	13:00	0	13	12	0	0	0	0	0	1	0	0	0	0	0	26
	13:15	0	23	6	0	0	0	0	1	0	0	0	0	0	0	30
	13:30	0	28	17	1	0	0	0	0	1	0	0	0	1	0	48
	13:45	0	19	6	0	0	0	0	1	4	0	0	0	0	0	30
	14:00	0	16	12	1	0	0	0	1	1	0	0	0	0	0	31
	14:15	1	22	15	0	0	0	0	0	2	0	0	0	0	1	41
	14:30	2	18	14	0	0	0	0	2	1	0	0	0	0	0	37
	14:45	0	17	22	0	0	0	0	0	2	0	0	0	0	0	41
	15:00	0	12	16	0	1	0	0	0	3	0	0	0	0	0	32
	15:15	0	20	13	1	0	0	0	0	1	1	0	0	0	0	36
	15:30	0	8	19	0	2	0	0	1	1	0	0	0	0	0	31
	15:45	0	15	28	0	0	0	0	0	0	0	0	1	1	0	45
	16:00	0	10	21	0	0	0	0	1	0	0	0	0	1	0	33
	16:15	0	16	22	0	1	1	0	2	2	0	0	0	1	0	45
	16:30	0	14	14	0	1	0	0	0	1	0	0	0	0	0	30
	16:45	0	19	27	0	1	0	0	0	0	0	0	0	0	0	47
	17:00	0	23	30	0	1	0	0	0	1	0	0	0	0	0	55
	17:15	1	25	28	0	3	0	0	0	0	0	0	0	0	0	57
	17:30	0	18	23	0	1	0	0	0	1	0	0	0	0	0	43
	17:45	0	26	25	0	0	0	0	0	2	0	0	0	0	1	54
	18:00	0	4	21	0	2	0	0	0	0	0	0	0	0	0	27
	18:15	0	8	12	0	1	0	0	1	1	0	0	0	0	0	23
	18:30	2	8	14	0	1	0	0	0	0	0	0	0	0	0	25
	18:45	0	3	11	0	0	0	0	0	0	0	0	0	0	0	14
	19:00	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	19:15	0	8	8	0	0	0	0	0	1	0	0	0	0	0	17
	19:30	0	5	12	0	0	0	0	0	0	0	0	0	0	0	17
	19:45	0	0	11	0	1	0	0	0	0	0	0	0	0	0	12
	20:00	0	6	5	0	0	0	0	1	0	0	0	0	0	0	12
	20:15	0	5	7	0	0	0	0	0	0	0	0	0	0	0	12

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	20:30	0	2	4	0	1	0	0	0	0	0	0	0	0	0	7
Mon	20:45	0	3	6	0	0	0	0	0	0	0	0	0	1	0	10
	21:00	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	21:15	0	2	5	0	0	0	0	0	0	0	0	0	1	0	8
	21:30	0	2	7	0	0	0	0	0	0	0	0	0	0	0	9
	21:45	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	22:00	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	22:15	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:00	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		7	485	543	3	17	2	0	11	32	2	0	1	7	2	1112
	Percent :	1%	44%	49%	0%	2%	0%	0%	1%	3%	0%	0%	0%	1%	0%	
	Average :	0	10	11	0	0	0	0	0	1	0	0	0	0	0	22

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	01:15	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	05:15	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	05:30	0	0	3	0	0	0	0	0	0	0	0	0	1	0	4
	05:45	0	2	2	0	1	0	0	1	1	0	0	0	0	0	7
	06:00	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	06:15	0	3	5	0	1	0	0	1	2	0	0	0	1	0	13
	06:30	0	2	11	0	1	0	0	0	0	0	0	0	0	0	14
	06:45	0	6	8	0	1	0	0	0	0	0	0	0	0	0	15
	07:00	0	3	5	0	0	0	0	0	2	0	0	0	0	0	10
	07:15	0	4	8	1	0	0	0	0	0	0	0	0	0	0	13
	07:30	0	3	13	0	3	0	0	0	0	0	0	0	0	0	19
	07:45	0	6	10	0	2	0	0	0	0	0	0	0	0	0	18
	08:00	0	3	13	2	0	0	0	0	0	0	0	0	0	0	18
	08:15	0	2	14	0	2	0	0	0	1	0	0	0	0	0	19
	08:30	0	1	9	0	2	0	0	0	0	0	0	0	0	0	12
	08:45	0	3	9	0	0	0	0	2	0	0	0	0	0	0	14
	09:00	0	8	24	0	1	0	0	0	0	0	0	0	1	0	34
	09:15	0	0	16	0	1	0	0	2	1	0	0	0	0	0	20
	09:30	0	0	14	0	0	0	0	0	0	0	0	0	0	0	14
	09:45	0	2	16	0	2	0	0	1	0	0	0	0	0	0	21
	10:00	0	1	18	0	3	0	0	0	0	0	0	0	0	0	22
	10:15	0	1	11	0	0	0	0	0	1	0	0	0	0	0	13
	10:30	0	0	13	0	0	0	0	0	3	0	0	0	0	1	17
	10:45	0	0	9	0	1	0	0	1	2	0	0	0	0	0	13
	11:00	0	0	10	0	3	0	0	0	0	0	0	0	0	0	13
	11:15	0	0	16	0	5	0	0	1	1	0	0	0	0	0	23
	11:30	0	1	7	0	3	0	0	0	1	0	0	0	0	0	12
	11:45	0	0	14	0	2	0	0	0	1	0	0	0	0	0	17
	12:00	0	2	14	0	2	0	0	1	1	0	0	0	0	0	20
	12:15	0	0	17	0	3	0	0	0	1	0	0	0	0	0	21

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	4	13	0	1	0	0	0	1	0	0	0	0	0	19
Tue	12:45	0	3	17	0	0	0	0	1	0	0	0	0	0	0	21
	13:00	0	7	13	0	0	0	0	1	0	0	0	0	0	0	21
	13:15	0	10	9	0	0	0	0	0	0	0	0	0	0	0	19
	13:30	0	14	9	0	2	0	1	0	0	0	0	0	0	0	26
	13:45	0	7	6	0	0	0	0	0	0	0	0	0	0	0	13
	14:00	0	11	13	0	0	1	0	1	0	0	0	0	1	0	27
	14:15	0	11	13	0	1	0	0	0	0	0	0	0	0	0	25
	14:30	0	11	15	0	1	0	0	0	0	0	0	0	0	0	27
	14:45	0	15	15	1	2	0	0	0	4	0	0	0	0	0	37
	15:00	1	13	12	0	1	0	0	0	0	0	0	0	1	0	28
	15:15	0	12	14	1	1	0	0	0	2	0	0	0	0	0	30
	15:30	0	14	20	0	0	0	0	0	2	0	0	0	0	0	36
	15:45	0	12	27	0	0	0	0	1	2	0	0	0	0	0	42
	16:00	0	9	13	1	1	0	0	0	3	0	0	0	0	0	27
	16:15	0	9	12	0	0	0	0	0	0	1	0	0	0	0	22
	16:30	0	9	27	0	1	0	0	0	0	0	0	0	0	0	37
	16:45	1	16	19	0	1	0	0	1	2	0	0	0	0	0	40
	17:00	1	28	24	0	0	0	0	1	0	1	0	0	0	0	55
	17:15	2	20	25	0	1	0	0	0	1	0	0	0	0	0	49
	17:30	0	23	30	0	1	0	0	0	1	0	0	0	0	0	55
	17:45	0	18	26	0	1	0	0	0	0	0	0	0	0	0	45
	18:00	0	8	15	1	1	0	0	0	0	0	0	0	0	0	25
	18:15	0	8	16	0	1	0	0	0	1	0	0	0	0	0	26
	18:30	0	8	13	0	2	0	0	1	0	0	0	0	1	0	25
	18:45	0	8	7	0	0	0	0	0	0	0	0	0	0	0	15
	19:00	0	5	8	0	1	0	0	0	0	0	0	0	0	0	14
	19:15	0	3	14	0	1	0	0	0	3	0	0	0	1	0	22
	19:30	0	7	5	0	0	0	0	0	0	0	0	0	0	0	12
	19:45	0	3	10	0	0	0	0	0	0	0	0	0	0	0	13
	20:00	0	1	11	0	0	0	0	0	0	0	0	0	0	0	12
	20:15	0	1	7	0	0	0	0	0	0	0	0	0	0	0	8
	20:30	0	6	6	0	0	0	0	1	0	0	0	0	1	0	14
	20:45	0	1	9	0	1	0	0	0	1	0	0	0	0	0	12
	21:00	0	0	7	1	1	0	0	0	0	0	0	0	0	0	9
	21:15	0	7	6	0	0	0	0	0	0	0	0	0	0	0	13
	21:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	22:45	1	1	3	0	1	0	0	0	0	0	0	0	0	0	6
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		6	409	837	8	65	1	1	18	45	2	0	0	9	3	1404
	Percent :	0%	29%	60%	1%	5%	0%	0%	1%	3%	0%	0%	0%	1%	0%	
	Average :	0	4	9	0	1	0	0	0	0	0	0	0	0	0	14

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	04:15	0	1	1	0	1	0	0	0	1	0	0	0	0	0	4
	04:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3
	05:30	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	05:45	0	1	3	0	0	0	0	0	1	0	0	0	0	0	5
	06:00	0	4	3	0	0	0	0	0	1	0	0	0	0	0	8
	06:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	06:30	0	4	5	0	0	0	0	0	0	0	0	0	0	0	9
	06:45	0	3	6	0	1	0	0	1	0	0	0	0	0	0	11
	07:00	0	2	15	0	0	0	0	0	0	0	0	0	0	0	17
	07:15	0	3	12	0	0	0	0	1	0	0	0	0	0	0	16
	07:30	0	6	18	0	1	0	0	0	0	0	0	0	0	0	25
	07:45	0	7	15	0	0	0	0	0	1	0	0	0	0	0	23
	08:00	0	8	8	0	0	0	0	0	1	0	0	0	0	0	17
	08:15	0	2	10	0	1	0	0	0	0	0	0	0	0	0	13
	08:30	0	2	23	1	1	0	0	0	2	0	0	0	0	0	29
	08:45	0	5	13	0	1	0	0	0	2	1	0	0	0	0	22
	09:00	0	5	20	0	0	0	0	0	3	0	0	0	0	0	28
	09:15	0	5	11	0	0	0	0	0	1	0	0	1	0	0	18
	09:30	0	4	15	1	0	0	0	0	2	0	0	0	0	0	22
	09:45	0	1	11	0	1	0	0	0	2	0	0	0	0	0	15
	10:00	0	2	12	1	1	0	0	1	1	0	0	0	1	0	19
	10:15	0	7	13	0	1	0	0	0	2	0	0	0	0	0	23
	10:30	0	8	16	0	0	0	0	0	0	0	0	0	0	0	24
	10:45	0	5	13	0	0	0	0	0	0	0	0	0	0	0	18
	11:00	0	2	7	0	1	0	0	0	1	0	0	0	0	0	11
	11:15	0	7	14	0	2	0	0	1	0	0	0	0	0	0	24
	11:30	0	7	18	0	1	0	0	0	0	0	0	0	0	0	26
	11:45	0	2	17	1	0	0	0	0	0	0	0	0	0	1	21
	12:00	0	4	20	0	1	0	0	0	5	0	0	0	0	0	30
	12:15	0	9	19	0	0	0	0	1	1	0	0	0	0	0	30

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	6	12	0	0	0	0	1	1	0	0	0	0	0	20
Wed	12:45	0	9	20	0	0	0	0	0	0	0	0	0	0	0	29
	13:00	0	8	19	0	2	0	1	2	2	0	0	0	0	0	34
	13:15	0	1	26	1	2	0	0	0	1	0	0	0	0	0	31
	13:30	0	0	34	0	2	0	0	1	2	0	0	0	0	1	40
	13:45	0	0	25	1	1	0	0	0	1	0	0	0	0	0	28
	14:00	0	1	28	0	0	0	0	1	0	0	0	0	0	0	30
	14:15	0	2	35	0	3	0	0	1	0	0	0	0	0	0	41
	14:30	0	1	40	0	4	0	0	1	1	0	0	0	0	0	47
	14:45	0	1	35	0	5	0	0	0	2	0	0	0	0	0	43
	15:00	0	4	27	0	2	0	0	0	3	0	0	0	0	0	36
	15:15	0	2	41	0	4	0	0	0	2	0	0	0	0	0	49
	15:30	0	2	35	0	7	0	0	1	1	0	0	0	0	0	46
	15:45	0	0	33	0	6	0	0	3	1	0	0	0	0	0	43
	16:00	0	1	33	0	5	0	0	1	1	0	0	0	0	1	42
	16:15	0	2	35	0	2	0	0	1	0	0	0	0	0	0	40
	16:30	0	1	39	0	6	0	0	0	1	0	0	0	0	0	47
	16:45	1	2	53	0	2	0	0	1	0	0	0	0	0	0	59
	17:00	0	1	38	2	7	0	0	0	0	0	0	0	1	0	49
	17:15	1	0	39	0	7	0	0	0	1	1	0	0	0	0	49
	17:30	0	0	55	0	5	0	0	0	1	0	0	0	0	0	61
	17:45	0	2	40	0	6	0	0	0	1	0	0	0	1	0	50
	18:00	0	3	40	0	4	0	0	1	0	0	0	0	0	0	48
	18:15	0	1	25	0	4	0	0	2	1	0	0	0	0	0	33
	18:30	0	1	13	0	2	0	0	0	2	0	0	0	0	0	18
	18:45	0	2	25	0	2	0	0	0	0	0	0	0	0	0	29
	19:00	0	1	16	0	2	0	0	0	0	0	0	0	0	0	19
	19:15	0	0	13	0	1	0	0	1	0	1	0	0	0	0	16
	19:30	0	0	14	0	0	0	0	0	0	0	0	0	0	0	14
	19:45	0	0	13	0	2	0	0	1	0	0	0	0	0	0	16
	20:00	1	2	12	1	0	0	0	0	0	0	0	0	1	0	17
	20:15	0	2	14	0	2	0	0	0	0	0	0	0	0	0	18
	20:30	0	0	4	0	2	0	0	0	0	0	0	0	0	1	7
	20:45	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
	21:00	0	1	14	0	0	0	0	0	1	0	0	1	0	1	18
	21:15	0	1	7	0	0	0	0	0	0	0	0	0	0	0	8
	21:30	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
	21:45	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	22:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	22:30	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2
	22:45	0	0	2	0	0	0	0	0	1	0	0	0	0	0	3
	23:00	0	0	1	0	1	0	0	0	1	0	0	0	0	0	3
	23:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
	23:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
Daily Total :		3	188	1320	9	118	0	1	24	61	3	0	2	5	5	1739
	Percent :	0%	11%	76%	1%	7%	0%	0%	1%	4%	0%	0%	0%	0%	0%	
	Average :	0	2	14	0	1	0	0	0	1	0	0	0	0	0	18

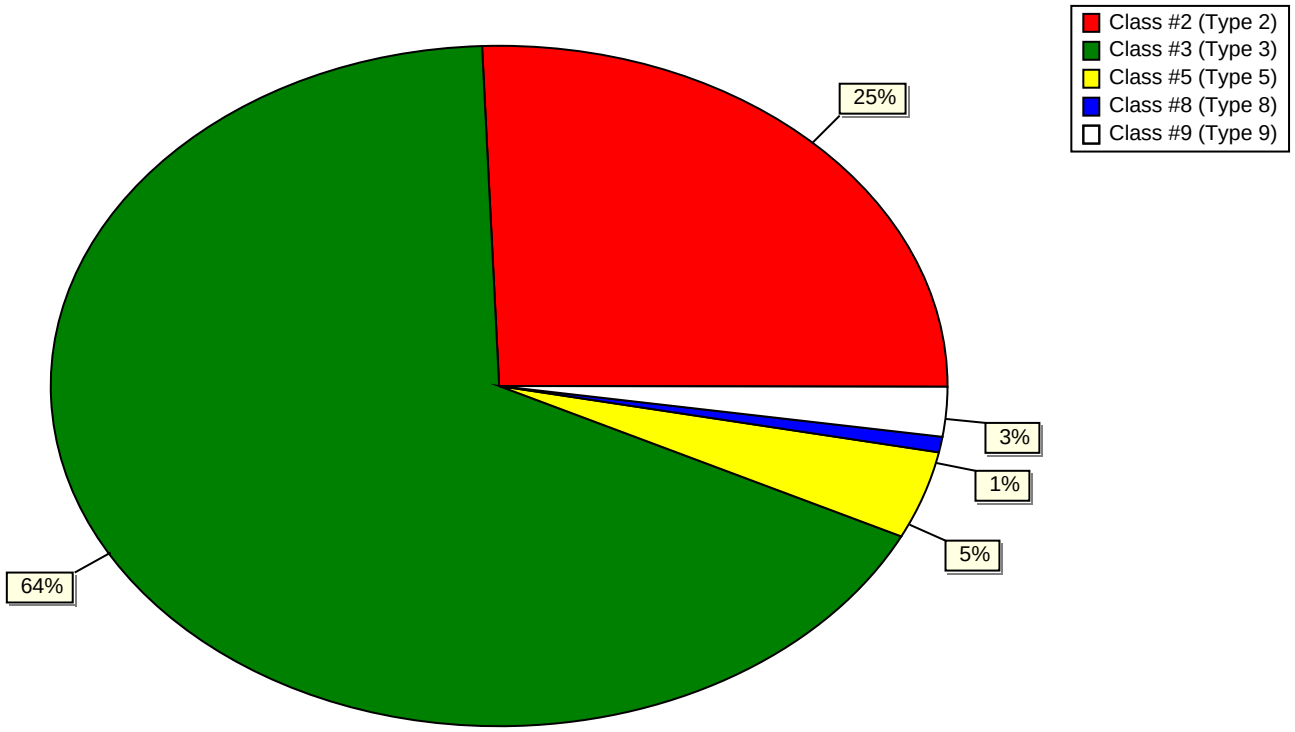
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
Thu	00:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	1	0	0	0	0	0	1	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	02:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
	04:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	05:15	0	0	2	0	0	0	0	0	2	0	0	0	0	0	4
	05:30	0	1	4	0	0	0	0	0	1	0	0	0	0	0	6
	05:45	0	0	2	0	0	0	0	0	2	0	0	0	0	0	4
	06:00	0	0	4	0	0	0	0	1	1	0	0	0	0	0	6
	06:15	0	1	2	0	1	0	0	0	1	0	0	0	0	0	5
	06:30	0	0	7	0	2	0	0	0	0	0	0	0	0	0	9
	06:45	0	0	16	0	1	0	0	0	0	0	0	0	0	0	17
	07:00	0	0	11	0	2	0	0	0	0	0	0	0	0	0	13
Daily Total :		0	5	59	0	8	0	0	3	11	0	0	0	0	0	86
	Percent :	0%	6%	69%	0%	9%	0%	0%	3%	13%	0%	0%	0%	0%	0%	
	Average :	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2

Basic Axle Class Summary: 4P0032456

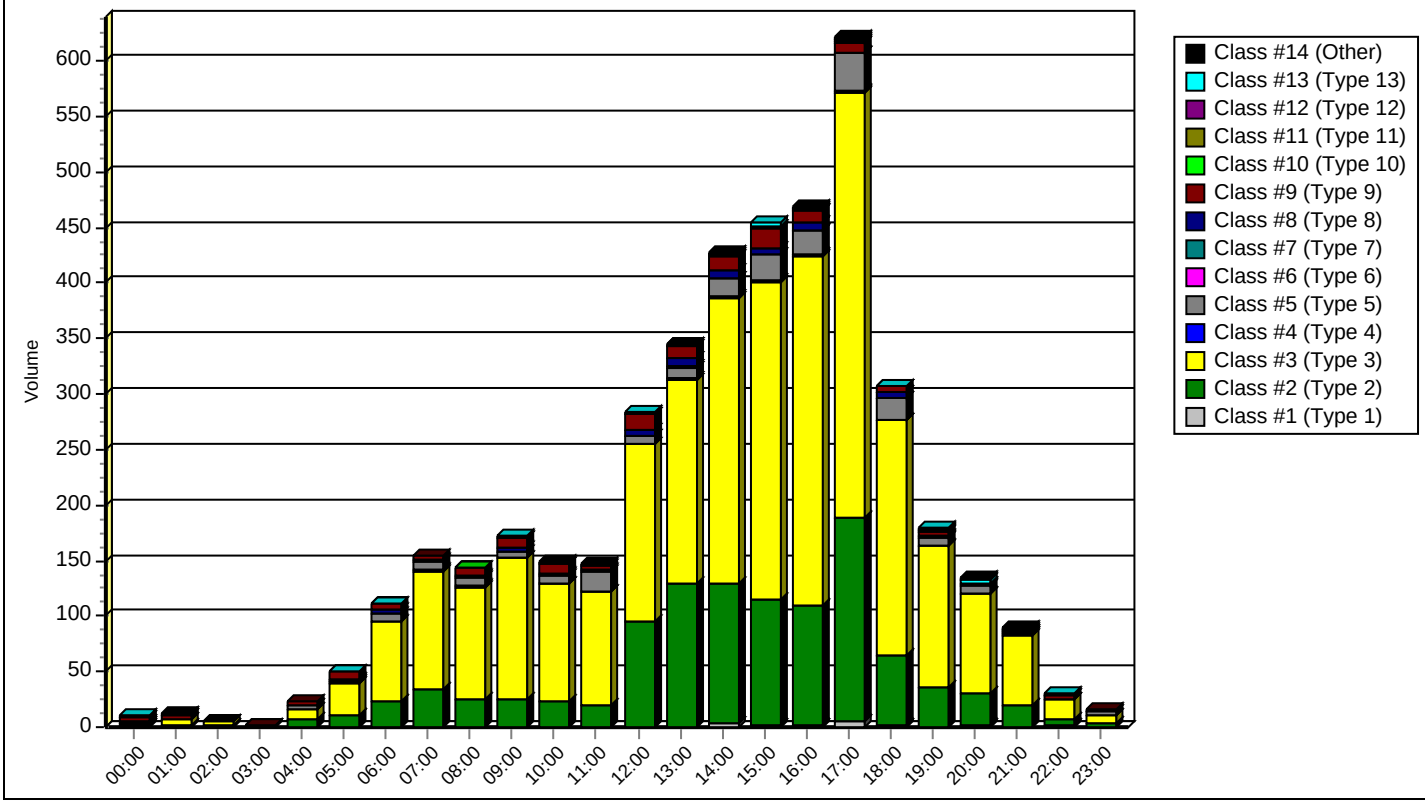
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	16	1087	2759	20	208	3	2	56	149	7	0	3	21	10	4341
		16	1087	2759	20	208	3	2	56	149	7	0	3	21	10	4341
Percents :	#1.	0%	25%	64%	0%	5%	0%	0%	1%	3%	0%	0%	0%	0%	0%	100%
		0%	25%	64%	0%	5%	0%	0%	1%	3%	0%	0%	0%	0%	0%	
Average :	#1.	0	4	10	0	1	0	0	0	1	0	0	0	0	0	16
		0	4	10	0	1	0	0	0	1	0	0	0	0	0	16
Days & ADT :	#1.	2.8	1549													
		2.8	1549													

4P0032456 Axle Class Charts For Data From: 12:00 - 04/11/2011 To: 07:29 - 04/14/2011

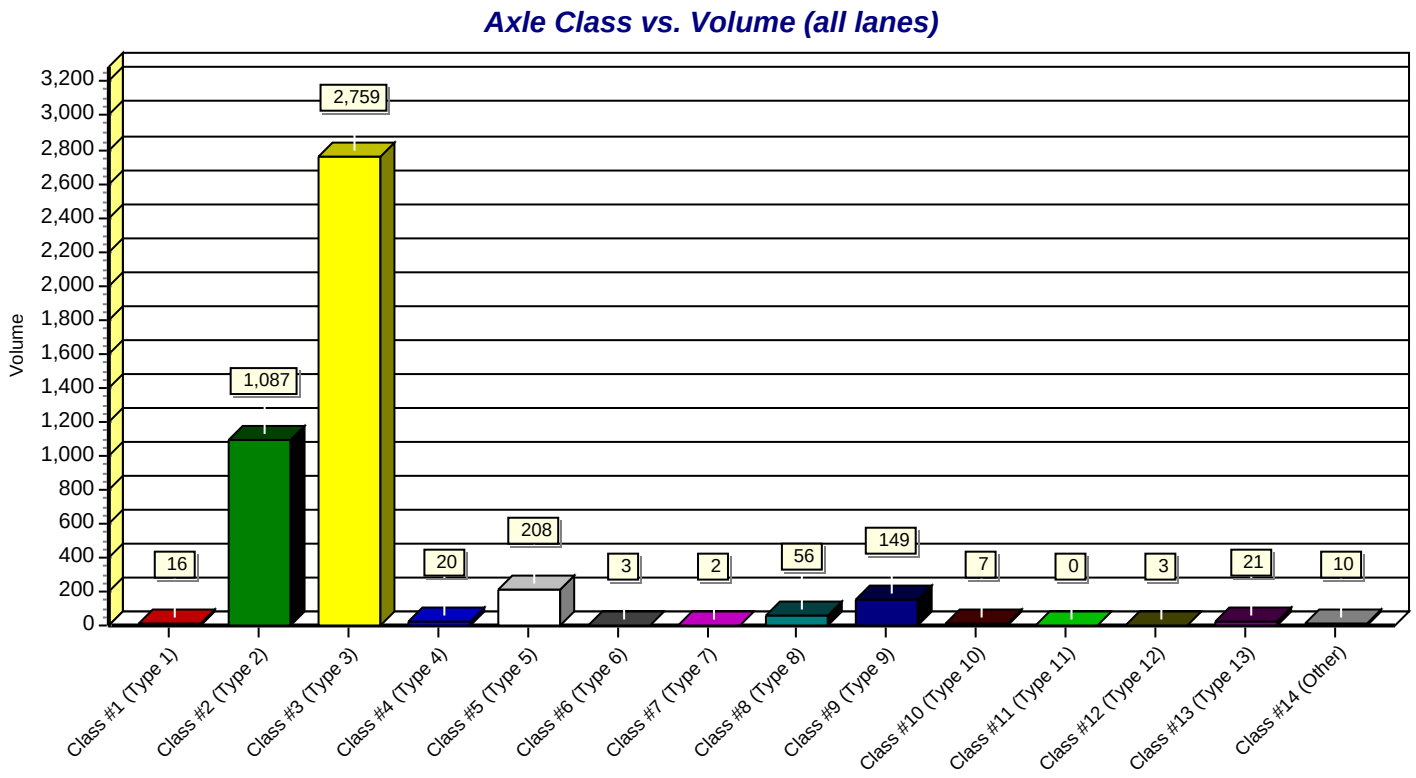
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0032456 Axle Class Charts For Data From: 12:00 - 04/11/2011 To: 07:29 - 04/14/2011



Basic Speed Classification Report: 4P0032456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 12:00 - 04/11/2011 To: 07:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	12:00	1	0	0	0	0	0	0	0	4	1	2	5	11	2	0	0	26
Mon	12:15	0	0	0	0	0	0	0	0	0	0	3	5	9	2	0	0	19
	12:30	0	0	0	0	0	0	0	0	0	1	1	8	14	2	0	0	26
	12:45	0	0	0	0	0	0	0	0	0	0	0	6	10	7	0	0	23
	13:00	0	0	0	0	0	0	0	0	0	0	1	7	13	4	1	0	26
	13:15	0	0	0	0	0	0	0	0	0	0	0	9	14	7	0	0	30
	13:30	0	0	0	0	0	0	0	0	0	1	3	9	26	9	0	0	48
	13:45	0	0	0	0	0	0	0	0	0	1	6	5	14	4	0	0	30
	14:00	0	0	0	0	0	0	0	0	0	1	4	8	12	6	0	0	31
	14:15	0	0	0	0	0	0	0	0	0	1	2	11	22	5	0	0	41
	14:30	0	0	0	0	0	0	0	0	0	0	2	8	9	13	5	0	37
	14:45	0	0	0	0	0	0	0	0	0	1	3	4	7	19	7	0	41
	15:00	0	0	0	0	0	0	0	0	0	0	4	4	7	14	3	0	32
	15:15	0	0	0	0	0	0	0	0	0	0	2	7	6	18	3	0	36
	15:30	0	0	0	0	0	0	0	0	0	0	0	3	9	15	4	0	31
	15:45	0	0	0	0	0	0	0	0	0	0	1	6	14	16	8	0	45
	16:00	0	0	0	0	0	0	0	0	0	0	2	5	11	11	4	0	33
	16:15	0	0	0	0	0	0	0	0	0	0	3	6	14	20	2	0	45
	16:30	0	0	0	0	0	0	0	0	0	0	2	5	7	13	3	0	30
	16:45	0	0	0	0	0	0	0	0	0	0	3	0	17	15	12	0	47
	17:00	0	0	0	0	0	0	0	0	0	0	1	0	13	30	11	0	55
	17:15	0	0	0	0	0	0	0	0	0	0	0	1	5	34	17	0	57
	17:30	0	0	0	0	0	0	0	0	0	0	1	2	3	26	11	0	43
	17:45	0	0	0	0	0	0	0	0	0	0	1	5	9	32	7	0	54
	18:00	0	0	0	0	0	0	0	0	0	0	0	0	5	10	12	0	27
	18:15	0	0	0	0	0	0	0	0	0	0	0	1	1	9	12	0	23
	18:30	0	0	0	0	0	0	0	0	0	0	0	1	3	10	11	0	25
	18:45	0	1	0	0	0	0	0	0	0	0	0	1	1	8	3	0	14
	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	7
	19:15	0	0	0	0	0	0	0	0	0	0	0	1	4	6	6	0	17
	19:30	0	0	0	0	0	0	0	0	0	0	0	1	2	2	12	0	17
	19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	5	7	0	12
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	0	12
	20:15	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	0	12
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	0	7
	20:45	0	0	0	0	0	0	0	0	0	0	1	1	0	4	4	0	10
	21:00	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0	5
	21:15	0	0	0	0	0	0	0	0	0	0	0	1	0	2	5	0	8
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	0	9
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	0	5

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
4/11/201	22:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3
Mon	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	23:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	3
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Daily Total :		1	1	0	0	0	0	0	0	4	7	49	137	295	400	218	0	1112
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	4%	12%	27%	36%	20%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	1	3	6	8	5	0	16

Speeds - Average: 85.8 50% : 80.8 67% : 83.1 85% : 114.0 10mph Pace: 75.1 - 85.0 (62.5%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	3
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	4
	05:45	0	0	0	0	0	0	0	0	0	0	0	1	4	2	0	0	7
	06:00	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3
	06:15	0	0	0	0	0	0	0	0	0	0	2	3	2	4	2	0	13
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	1	2	11	0	14
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11	0	15
	07:00	0	0	0	0	0	0	0	0	0	0	0	1	2	1	6	0	10
	07:15	0	0	0	0	0	0	0	0	0	0	0	1	0	3	9	0	13
	07:30	0	0	0	0	0	0	0	0	0	0	0	1	1	5	12	0	19
	07:45	0	0	0	0	0	0	0	0	0	0	0	0	1	5	12	0	18
	08:00	0	1	0	0	0	0	0	0	0	0	0	1	1	9	6	0	18
	08:15	0	0	0	0	0	0	0	0	0	0	0	0	3	6	10	0	19
	08:30	0	0	0	0	0	0	0	0	0	0	0	0	3	4	5	0	12
	08:45	0	0	0	0	0	0	0	0	0	0	0	0	2	10	2	0	14
	09:00	0	0	0	0	0	0	0	0	0	0	0	1	9	12	12	0	34
	09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	4	16	0	20
	09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	0	14
	09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	2	19	0	21
	10:00	0	0	0	0	0	0	0	0	0	0	0	0	1	2	19	0	22
	10:15	0	0	0	0	0	0	0	0	0	0	0	0	1	1	11	0	13
	10:30	0	0	0	0	0	0	0	0	0	0	0	0	2	5	10	0	17
	10:45	1	0	0	0	0	0	0	0	0	0	0	0	2	1	9	0	13
	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	0	13
	11:15	0	0	0	0	0	0	0	0	0	0	0	0	1	6	16	0	23
	11:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	11	0	12
	11:45	0	0	0	0	0	0	0	0	0	0	0	0	2	1	14	0	17
	12:00	0	0	0	0	0	0	0	0	0	0	0	3	1	4	12	0	20
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	1	1	19	0	21

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	0	2	3	3	7	4	0	19
Tue	12:45	1	0	0	0	0	0	0	0	0	0	0	1	4	8	7	0	21
	13:00	0	0	0	0	0	0	0	0	0	0	0	0	10	5	6	0	21
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	1	11	7	0	19
	13:30	0	0	0	0	0	0	0	0	0	0	0	1	9	13	3	0	26
	13:45	0	0	0	0	0	0	0	0	0	0	0	2	3	6	2	0	13
	14:00	1	0	0	0	0	0	0	0	0	0	1	1	5	15	4	0	27
	14:15	0	0	0	0	0	0	0	0	0	0	0	2	4	10	9	0	25
	14:30	0	0	0	0	0	0	0	0	0	0	0	3	8	9	7	0	27
	14:45	0	0	0	0	0	0	0	0	0	0	0	4	9	19	5	0	37
	15:00	0	1	0	0	0	0	0	0	0	0	0	2	8	15	2	0	28
	15:15	0	0	0	0	0	0	0	0	0	0	0	7	4	14	5	0	30
	15:30	1	0	0	0	0	0	0	0	0	0	0	4	3	20	8	0	36
	15:45	0	0	0	0	0	0	0	0	0	1	0	4	9	24	4	0	42
	16:00	0	0	0	0	0	0	0	0	0	0	2	5	6	10	4	0	27
	16:15	0	0	0	0	0	0	0	0	0	0	0	2	4	11	5	0	22
	16:30	0	1	0	0	0	0	0	0	0	0	0	3	8	17	8	0	37
	16:45	0	0	0	0	0	0	0	0	0	0	0	7	7	19	7	0	40
	17:00	1	0	0	0	0	0	0	0	0	0	0	3	7	27	17	0	55
	17:15	1	0	0	0	0	0	0	0	0	0	0	5	12	19	12	0	49
	17:30	0	0	0	0	0	0	0	0	0	0	0	2	10	25	18	0	55
	17:45	0	0	0	0	0	0	0	0	0	0	1	1	10	19	14	0	45
	18:00	0	0	0	0	0	0	0	0	0	0	0	1	3	13	8	0	25
	18:15	0	0	0	0	0	0	0	0	0	0	0	3	6	10	7	0	26
	18:30	0	0	0	0	0	0	0	0	0	0	1	1	7	13	3	0	25
	18:45	0	0	0	0	0	0	0	0	0	0	0	0	3	6	6	0	15
	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	9	5	0	14
	19:15	0	0	0	0	0	0	0	0	0	0	0	4	3	5	10	0	22
	19:30	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	0	12
	19:45	0	0	0	0	0	0	0	0	0	0	0	0	1	6	6	0	13
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	5	7	0	12
	20:15	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	0	8
	20:30	1	0	0	0	0	0	0	0	0	0	0	4	2	6	1	0	14
	20:45	0	0	0	0	0	0	0	0	0	0	0	2	0	4	6	0	12
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	0	9
	21:15	0	0	0	0	0	0	0	0	0	0	0	2	3	3	5	0	13
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	22:30	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	3
	22:45	0	0	0	1	0	0	0	0	0	0	0	0	0	3	2	0	6
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		7	3	0	1	0	0	0	0	0	2	11	94	226	523	537	0	1404
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	7%	16%	37%	38%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	0	1	2	5	6	0	23

Speeds - Average: 93.7 50% : 83.4 67% : 105.4 85% : 121.2 10mph Pace: 75.1 - 85.0 (53.3%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
	04:15	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	4
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
	05:30	0	0	0	0	0	0	0	0	0	0	0	1	2	1	3	0	7
	05:45	0	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0	5
	06:00	0	0	0	0	0	0	0	0	0	0	0	2	1	4	1	0	8
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	0	9
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	0	11
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	7	10	0	17
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	0	16
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	2	5	18	0	25
	07:45	0	0	0	0	0	0	0	0	0	0	0	1	2	9	11	0	23
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	10	7	0	17
	08:15	0	0	0	0	0	0	0	0	0	0	0	0	2	6	5	0	13
	08:30	0	1	0	0	0	0	0	0	0	0	0	2	4	8	14	0	29
	08:45	0	0	0	0	0	0	0	0	0	0	1	3	3	9	6	0	22
	09:00	0	0	0	0	0	0	0	0	0	0	0	4	1	11	12	0	28
	09:15	0	0	0	0	0	0	0	0	0	0	0	0	4	7	7	0	18
	09:30	0	0	0	0	0	0	0	0	0	0	0	3	5	6	8	0	22
	09:45	0	0	0	0	0	0	0	0	0	0	0	2	3	5	5	0	15
	10:00	0	0	0	0	0	0	0	0	0	0	0	2	4	8	5	0	19
	10:15	0	0	0	0	0	0	0	0	0	1	1	1	2	6	12	0	23
	10:30	0	0	0	0	0	0	0	0	0	0	0	0	2	7	15	0	24
	10:45	0	0	0	0	0	0	0	0	0	0	0	0	2	10	6	0	18
	11:00	0	0	0	0	0	0	0	0	0	0	0	1	1	3	6	0	11
	11:15	0	0	0	0	0	0	0	0	0	0	0	1	2	8	13	0	24
	11:30	0	0	0	0	0	0	0	0	0	0	0	0	3	12	11	0	26
	11:45	0	0	0	0	0	0	0	0	0	0	1	0	5	6	9	0	21
	12:00	0	0	0	0	0	0	0	0	0	0	1	4	5	9	11	0	30
	12:15	0	0	0	0	0	0	0	0	0	0	0	1	4	9	16	0	30

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	0	1	0	4	3	6	6	0	20
Wed	12:45	0	1	0	0	0	0	0	0	0	0	0	0	5	11	12	0	29
	13:00	1	0	0	0	0	0	0	0	0	0	0	4	5	14	10	0	34
	13:15	0	0	0	0	0	0	0	0	0	0	0	1	5	5	20	0	31
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	5	3	32	0	40
	13:45	0	0	0	0	0	0	0	0	0	0	0	2	0	2	24	0	28
	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	4	26	0	30
	14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	6	35	0	41
	14:30	0	0	0	0	0	0	0	0	0	0	0	0	1	3	43	0	47
	14:45	0	0	0	0	0	0	0	0	0	1	2	0	2	3	35	0	43
	15:00	0	0	0	0	0	0	0	0	0	0	1	0	7	4	24	0	36
	15:15	0	0	0	0	0	0	0	0	0	0	0	0	1	4	44	0	49
	15:30	0	0	0	0	0	0	0	0	0	0	0	0	2	10	34	0	46
	15:45	0	0	0	0	0	0	0	0	0	0	0	0	1	4	38	0	43
	16:00	0	0	0	0	0	0	0	0	0	0	0	0	1	4	37	0	42
	16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	39	0	40
	16:30	0	0	0	0	0	0	0	0	0	0	0	3	2	6	36	0	47
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	1	3	55	0	59
	17:00	0	0	0	0	0	0	0	0	0	0	0	0	4	5	40	0	49
	17:15	0	0	0	0	0	0	0	0	0	0	0	0	1	5	43	0	49
	17:30	0	0	0	0	0	0	0	0	0	0	0	0	2	4	55	0	61
	17:45	0	0	0	0	0	0	0	0	0	0	0	0	2	9	39	0	50
	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	47	0	48
	18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	32	0	33
	18:30	0	0	0	0	0	0	0	0	0	0	0	0	1	2	15	0	18
	18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	3	26	0	29
	19:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	17	0	19
	19:15	0	0	0	0	0	0	0	0	0	0	0	0	1	1	14	0	16
	19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	0	14
	19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	2	14	0	16
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	2	2	13	0	17
	20:15	0	0	0	0	0	0	0	0	0	0	0	1	0	3	14	0	18
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	0	7
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	4	14	0	18
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	4
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	0	6
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	22:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	3
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	2	0	0	0	0	0	0	0	3	10	48	128	322	1225	0	1739
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	7%	19%	70%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	0	1	1	3	13	0	14

Speeds - Average: 106.3 50% : 107.1 67% : 118.8 85% : 133.9 10mph Pace: 76.0 - 85.9 (25.9%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
	05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	4
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	6
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	4
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	6
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	5
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14	0	17
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	13
Daily Total :		0	0	0	0	0	0	0	0	0	0	0	4	7	13	62	0	86
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	8%	15%	72%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	18

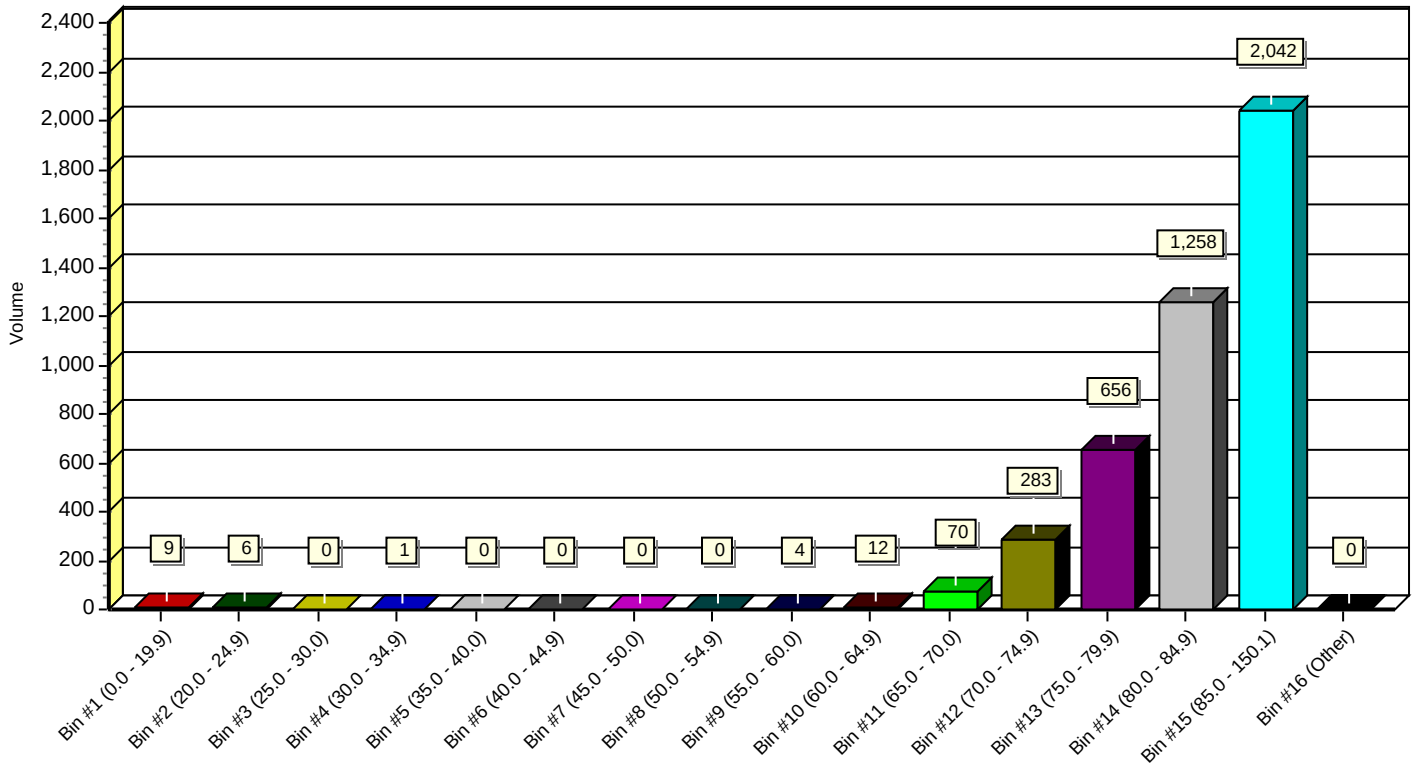
Speeds - Average: 106.9 50% : 116.9 67% : 117.7 85% : 118.7 10mph Pace: 115.7 -125.6 (72.1%)

Basic Speed Class Summary: 4P0032456

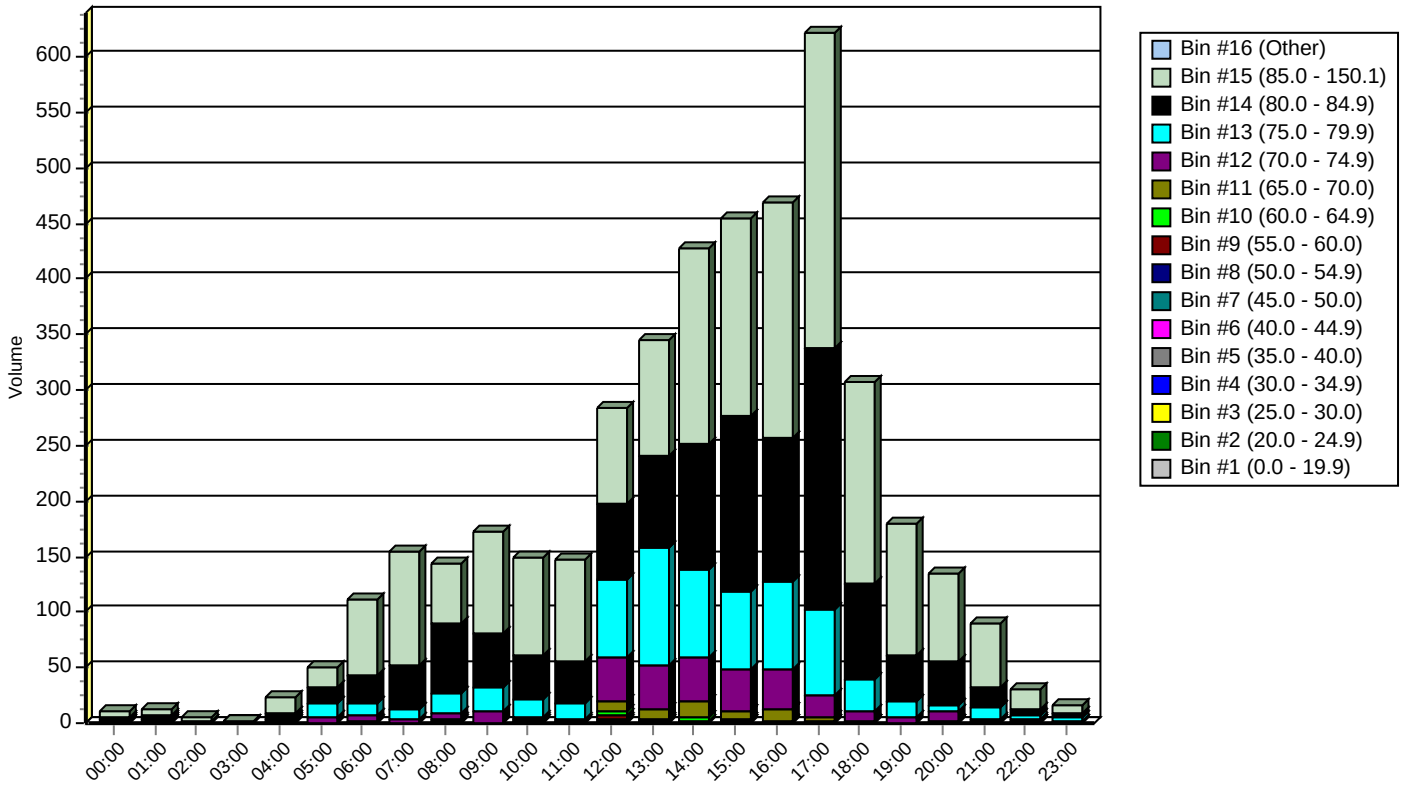
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	9	6	0	1	0	0	0	0	4	12	70	283	656	1258	2042	0	4341
		9	6	0	1	0	0	0	0	4	12	70	283	656	1258	2042	0	4341
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	7%	15%	29%	47%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	7%	15%	29%	47%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	0	0	1	2	5	8	0	16
		0	0	0	0	0	0	0	0	0	0	0	1	2	5	8	0	16
Days & ADT :	#1.	2.8	1549															
		2.8	1549															
Avg,50,67,85%:	#1.	97.0	84.5	104.8	129.1	75.1	- 85.0	44%										
		97.0	84.5	104.8	129.1	75.1	- 85.0	44%										

4P0032456 Speed Class Charts For Data From: 12:00 - 04/11/2011 To: 07:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Volume Report: R090E437OFA

Station ID : R090E437OFA
Info Line 1 : 437 EB OFF
Info Line 2 :
GPS Lat/Lon :
DB File : R090E437OFA.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11459
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Volume Mode	Volume Sensors	Divide By 2	Comment
1.			Normal	Axle	Yes	

Lane #1 Basic Volume Data From: 14:45 - 04/11/2011 To: 08:59 - 04/14/2011

Date	Time	:00	:15	:30	:45	Total
4/11/2011	14:00				23	23
Mon	15:00	38	32	22	35	127
	16:00	44	37	32	29	142
	17:00	29	31	36	22	118
	18:00	22	23	13	16	74
	19:00	17	33	11	13	74
	20:00	4	14	8	12	38
	21:00	9	11	11	8	39
	22:00	9	1	0	2	12
	23:00	8	7	0	1	16
Day Total :						663

AM Total :		Peak AM Hour :			Peak AM Factor :	Average Period :	17.9
PM Total :	663 (100.0%)	Peak PM Hour :	15:45 =	148 (22.3%)	Peak PM Factor : 0.841	Average Hour :	71.7

Date	Time	:00	:15	:30	:45	Total
4/12/2011	00:00	4	0	6	1	11
Tue	01:00	7	0	2	1	10
	02:00	0	0	0	0	0
	03:00	0	0	1	2	3
	04:00	3	3	0	2	8
	05:00	1	2	5	5	13
	06:00	12	6	21	17	56
	07:00	30	24	54	32	140
	08:00	37	26	32	33	128
	09:00	19	36	29	35	119
	10:00	30	24	20	27	101
	11:00	31	29	22	25	107
	12:00	32	25	33	33	123
	13:00	18	19	26	27	90
	14:00	33	25	29	22	109
	15:00	18	24	33	34	109
	16:00	46	33	28	34	141
	17:00	36	17	46	19	118
	18:00	29	17	19	20	85
	19:00	13	5	12	8	38
	20:00	17	15	13	6	51
	21:00	3	7	4	13	27
	22:00	6	1	3	1	11
	23:00	0	6	0	3	9
Day Total :						1607

AM Total :	696 (43.3%)	Peak AM Hour : 07:30 =	149 (9.3%)	Peak AM Factor : 0.690	Average Period :	16.7
PM Total :	911 (56.7%)	Peak PM Hour : 15:30 =	146 (9.1%)	Peak PM Factor : 0.793	Average Hour :	67.0

Date	Time	:00	:15	:30	:45	Total
4/13/2011	00:00	1	3	0	8	12
Wed	01:00	7	5	0	0	12
	02:00	0	0	0	3	3
	03:00	0	1	0	0	1
	04:00	2	1	0	2	5
	05:00	5	3	5	9	22
	06:00	3	16	18	31	68
	07:00	31	48	68	57	204
	08:00	41	28	28	30	127
	09:00	20	29	30	32	111
	10:00	26	13	29	31	99
	11:00	31	18	27	16	92
	12:00	32	26	19	24	101
	13:00	22	25	24	17	88
	14:00	36	21	40	21	118
	15:00	40	33	32	27	132
	16:00	41	32	37	24	134
	17:00	33	30	51	20	134
	18:00	21	20	23	15	79
	19:00	24	15	19	15	73
	20:00	17	14	3	6	40
	21:00	8	8	11	11	38
	22:00	5	2	8	3	18
	23:00	2	2	2	1	7
Day Total :						1718

AM Total :	756 (44.0%)	Peak AM Hour : 07:15 =	214 (12.5%)	Peak AM Factor : 0.787	Average Period :	17.9
PM Total :	962 (56.0%)	Peak PM Hour : 16:45 =	138 (8.0%)	Peak PM Factor : 0.676	Average Hour :	71.6

Date	Time	:00	:15	:30	:45	Total
4/14/2011	00:00	6	0	1	1	8
Thu	01:00	1	1	1	1	4
	02:00	2	1	0	0	3
	03:00	2	4	1	2	9
	04:00	5	1	2	2	10
	05:00	1	3	2	11	17
	06:00	3	15	27	27	72
	07:00	41	42	77	64	224
	08:00	52	48	33		133
Day Total :						480

AM Total :	480 (100.0%)	Peak AM Hour : 07:30 =	241 (50.2%)	Peak AM Factor : 0.782	Average Period :	13.7
PM Total :		Peak PM Hour :		Peak PM Factor :	Average Hour :	54.9

Basic Volume Summary: R090E437OFA

Grand Total For Data From: 14:45 - 04/11/2011 To: 08:59 - 04/14/2011

Lane	Total Count		# Of Days	ADT	Avg. Period	Avg. Hour	AM Total & Percent	PM Total & Percent
#1.	4468	(100.0%)	2.75	1625	16.9	67.7	1932 (43.2%)	2536 (56.8%)
ALL	4468		2.75	1625	16.9	67.7	1932 (43.2%)	2536 (56.8%)

Lane	Peak AM Hour		Date	Peak AM Factor	Peak PM Hour		Date	Peak PM Factor
#1.	07:30 =	241	04/14/2011	0.782	15:45 =	148	04/11/2011	0.841

Basic Volume Report: R090E437ONA

Station ID : R090E437ONA
Info Line 1 : 437 EB ON
Info Line 2 :
GPS Lat/Lon :
DB File : R090E437ONA.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14600
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Volume Mode	Volume Sensors	Divide By 2	Comment
1.			Normal	Axle	Yes	

Lane #1 Basic Volume Data From: 14:45 - 04/11/2011 To: 08:59 - 04/14/2011

Date	Time	:00	:15	:30	:45	Total
4/11/2011	14:00				28	28
Mon	15:00	20	28	32	35	115
	16:00	31	40	29	38	138
	17:00	43	32	37	30	142
	18:00	23	19	39	11	92
	19:00	18	27	11	13	69
	20:00	17	7	18	13	55
	21:00	8	16	11	6	41
	22:00	7	8	7	10	32
	23:00	8	2	4	5	19
Day Total :						731

AM Total :		Peak AM Hour :			Peak AM Factor :	Average Period :	19.8
PM Total :	731 (100.0%)	Peak PM Hour :	16:15 =	150 (20.5%)	Peak PM Factor : 0.872	Average Hour :	79.0

Date	Time	:00	:15	:30	:45	Total
4/12/2011	00:00	4	2	6	0	12
Tue	01:00	4	3	6	3	16
	02:00	2	1	0	3	6
	03:00	2	1	5	3	11
	04:00	6	7	10	10	33
	05:00	14	13	31	21	79
	06:00	18	33	57	60	168
	07:00	63	79	120	60	322
	08:00	71	60	49	38	218
	09:00	32	28	34	38	132
	10:00	34	21	25	27	107
	11:00	26	28	31	19	104
	12:00	25	30	40	31	126
	13:00	29	35	55	25	144
	14:00	32	46	55	34	167
	15:00	32	30	43	49	154
	16:00	49	37	48	22	156
	17:00	45	26	24	30	125
	18:00	29	33	19	16	97
	19:00	14	26	15	19	74
	20:00	11	14	12	10	47
	21:00	14	4	5	6	29
	22:00	5	2	8	6	21
	23:00	6	7	5	3	21
Day Total :						2369

AM Total :	1208 (51.0%)	Peak AM Hour : 07:15 =	330 (13.9%)	Peak AM Factor : 0.688	Average Period :	24.7
PM Total :	1161 (49.0%)	Peak PM Hour : 15:45 =	183 (7.7%)	Peak PM Factor : 0.832	Average Hour :	98.7

Date	Time	:00	:15	:30	:45	Total
4/13/2011	00:00	4	4	1	1	10
Wed	01:00	2	2	6	0	10
	02:00	0	1	6	3	10
	03:00	2	4	7	2	15
	04:00	3	9	8	3	23
	05:00	9	13	34	17	73
	06:00	23	48	60	54	185
	07:00	66	86	75	69	296
	08:00	63	45	60	57	225
	09:00	41	50	31	40	162
	10:00	26	40	31	50	147
	11:00	30	27	26	15	98
	12:00	27	27	32	28	114
	13:00	27	39	27	16	109
	14:00	21	26	29	55	131
	15:00	43	29	22	23	117
	16:00	48	26	38	17	129
	17:00	39	29	43	21	132
	18:00	38	19	19	12	88
	19:00	8	19	12	12	51
	20:00	12	13	15	20	60
	21:00	12	11	12	12	47
	22:00	3	9	9	16	37
	23:00	2	6	4	0	12
Day Total :						2281

AM Total :	1254 (55.0%)	Peak AM Hour : 07:00 =	296 (13.0%)	Peak AM Factor : 0.860	Average Period :	23.8
PM Total :	1027 (45.0%)	Peak PM Hour : 14:30 =	156 (6.8%)	Peak PM Factor : 0.709	Average Hour :	95.0

Date	Time	:00	:15	:30	:45	Total
4/14/2011	00:00	4	4	3	2	13
Thu	01:00	0	1	5	5	11
	02:00	4	1	5	1	11
	03:00	1	6	2	4	13
	04:00	3	6	11	4	24
	05:00	11	17	26	16	70
	06:00	24	32	42	57	155
	07:00	54	61	69	53	237
	08:00	70	41	78		189
Day Total :						723

AM Total :	723 (100.0%)	Peak AM Hour : 07:15 =	253 (35.0%)	Peak AM Factor : 0.811	Average Period : 20.7
PM Total :		Peak PM Hour :		Peak PM Factor :	Average Hour : 82.6

Basic Volume Summary: R090E437ONA

Grand Total For Data From: 14:45 - 04/11/2011 To: 08:59 - 04/14/2011

Lane	Total Count		# Of Days	ADT	Avg. Period	Avg. Hour	AM Total & Percent	PM Total & Percent
#1.	6104	(100.0%)	2.75	2220	23.1	92.5	3185 (52.2%)	2919 (47.8%)
ALL	6104		2.75	2220	23.1	92.5	3185 (52.2%)	2919 (47.8%)

Lane	Peak AM Hour		Date	Peak AM Factor	Peak PM Hour		Date	Peak PM Factor
#1.	07:15 =	330	04/12/2011	0.688	15:45 =	183	04/12/2011	0.832

Basic Volume Report: R090W437OFA

Station ID : R090W437OFA
Info Line 1 : WB OFF MSMN
Info Line 2 :
GPS Lat/Lon :
DB File : R090W437OFA.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14613
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Volume Mode	Volume Sensors	Divide By 2	Comment
1.			Normal	Axle	Yes	

Lane #1 Basic Volume Data From: 14:00 - 04/11/2011 To: 07:14 - 04/14/2011

Date	Time	:00	:15	:30	:45	Total
4/11/2011	14:00	53	56	60	57	226
Mon	15:00	52	59	69	74	254
	16:00	71	65	68	86	290
	17:00	91	121	101	78	391
	18:00	56	52	34	30	172
	19:00	34	32	23	24	113
	20:00	31	26	15	16	88
	21:00	16	9	15	15	55
	22:00	9	5	5	4	23
	23:00	5	2	1	2	10
Day Total :						1622

AM Total :		Peak AM Hour :			Peak AM Factor :	Average Period :	40.6
PM Total :	1622 (100.0%)	Peak PM Hour :	16:45 =	399 (24.6%)	Peak PM Factor : 0.824	Average Hour :	162.2

Date	Time	:00	:15	:30	:45	Total
4/12/2011	00:00	2	2	5	0	9
Tue	01:00	2	1	2	1	6
	02:00	0	1	1	1	3
	03:00	1	0	1	1	3
	04:00	1	0	4	2	7
	05:00	2	1	3	6	12
	06:00	9	4	9	11	33
	07:00	16	7	20	8	51
	08:00	24	22	9	24	79
	09:00	23	22	21	18	84
	10:00	26	16	26	21	89
	11:00	32	34	40	46	152
	12:00	43	33	45	47	168
	13:00	41	45	58	42	186
	14:00	61	57	52	60	230
	15:00	51	64	54	73	242
	16:00	54	67	78	84	283
	17:00	81	103	105	107	396
	18:00	54	53	33	49	189
	19:00	42	42	27	33	144
	20:00	29	28	17	23	97
	21:00	27	22	32	17	98
	22:00	14	16	19	12	61
	23:00	13	13	9	8	43
Day Total :						2665

AM Total :	528 (19.8%)	Peak AM Hour : 11:00 =	152 (5.7%)	Peak AM Factor : 0.826	Average Period :	27.8
PM Total :	2137 (80.2%)	Peak PM Hour : 17:00 =	396 (14.9%)	Peak PM Factor : 0.925	Average Hour :	111.0

Date	Time	:00	:15	:30	:45	Total
4/13/2011	00:00	6	2	3	8	19
Wed	01:00	4	1	4	6	15
	02:00	0	3	0	6	9
	03:00	1	0	1	4	6
	04:00	8	7	5	5	25
	05:00	2	8	17	5	32
	06:00	8	25	21	30	84
	07:00	20	35	31	36	122
	08:00	30	38	40	39	147
	09:00	42	33	39	50	164
	10:00	40	29	42	18	129
	11:00	21	40	21	31	113
	12:00	38	38	25	46	147
	13:00	34	31	38	34	137
	14:00	49	53	53	38	193
	15:00	41	42	58	71	212
	16:00	58	53	69	74	254
	17:00	77	91	97	82	347
	18:00	62	66	57	36	221
	19:00	46	35	38	29	148
	20:00	34	34	36	26	130
	21:00	27	26	27	18	98
	22:00	13	7	11	12	43
	23:00	6	9	8	6	29
Day Total :						2824

AM Total :	865 (30.6%)	Peak AM Hour : 09:00 =	164 (5.8%)	Peak AM Factor : 0.820	Average Period :	29.4
PM Total :	1959 (69.4%)	Peak PM Hour : 17:00 =	347 (12.3%)	Peak PM Factor : 0.894	Average Hour :	117.7

Date	Time	:00	:15	:30	:45	Total
4/14/2011	00:00	5	8	2	4	19
Thu	01:00	5	7	3	5	20
	02:00	5	1	3	1	10
	03:00	0	1	3	1	5
	04:00	6	4	3	3	16
	05:00	4	7	15	11	37
	06:00	4	15	18	29	66
Day Total :						173

AM Total :	173 (100.0%)	Peak AM Hour : 06:00 =	66 (38.2%)	Peak AM Factor : 0.569	Average Period :	6.2
PM Total :		Peak PM Hour :		Peak PM Factor :	Average Hour :	24.7

Basic Volume Summary: R090W437OFA

Grand Total For Data From: 14:00 - 04/11/2011 To: 07:14 - 04/14/2011

Lane	Total Count		# Of Days	ADT	Avg. Period	Avg. Hour	AM Total & Percent	PM Total & Percent
#1.	7284	(100.0%)	2.71	2689	28.0	112.1	1566 (21.5%)	5718 (78.5%)
ALL	7284		2.71	2689	28.0	112.1	1566 (21.5%)	5718 (78.5%)

Lane	Peak AM Hour		Date	Peak AM Factor	Peak PM Hour		Date	Peak PM Factor
#1.	09:00 =	164	04/13/2011	0.820	16:45 =	399	04/11/2011	0.824

Basic Volume Report: R090W437ONA

Station ID : R090W437ONA
Info Line 1 : 437 WB ON
Info Line 2 :
GPS Lat/Lon :
DB File : R090437ONA.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11456
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Volume Mode	Volume Sensors	Divide By 2	Comment
1.			Normal	Axle	Yes	

Lane #1 Basic Volume Data From: 14:15 - 04/11/2011 To: 07:29 - 04/14/2011

Date	Time	:00	:15	:30	:45	Total
4/11/2011	14:00		17	27	27	71
Mon	15:00	22	20	25	26	93
	16:00	29	36	25	23	113
	17:00	46	27	28	27	128
	18:00	11	16	18	13	58
	19:00	10	7	13	11	41
	20:00	13	16	10	10	49
	21:00	9	4	1	5	19
	22:00	7	4	1	5	17
	23:00	8	0	3	2	13
Day Total :						602

AM Total :		Peak AM Hour :			Peak AM Factor :	Average Period :	15.4
PM Total :	602 (100.0%)	Peak PM Hour :	16:15 =	130 (21.6%)	Peak PM Factor : 0.707	Average Hour :	61.7

Date	Time	:00	:15	:30	:45	Total
4/12/2011	00:00	1	2	3	3	9
Tue	01:00	2	4	2	2	10
	02:00	0	6	1	0	7
	03:00	3	6	3	3	15
	04:00	1	4	2	8	15
	05:00	8	10	9	17	44
	06:00	1	22	29	23	75
	07:00	22	32	19	24	97
	08:00	38	21	27	25	111
	09:00	23	20	17	22	82
	10:00	25	20	11	36	92
	11:00	15	24	25	33	97
	12:00	24	28	24	26	102
	13:00	27	27	31	31	116
	14:00	32	24	29	34	119
	15:00	23	37	33	28	121
	16:00	32	38	29	35	134
	17:00	36	47	38	50	171
	18:00	33	31	22	15	101
	19:00	21	16	13	15	65
	20:00	15	14	11	9	49
	21:00	20	9	5	4	38
	22:00	4	1	2	5	12
	23:00	1	5	2	0	8
Day Total :						1690

AM Total :	654 (38.7%)	Peak AM Hour : 07:15 =	113 (6.7%)	Peak AM Factor : 0.743	Average Period :	17.6
PM Total :	1036 (61.3%)	Peak PM Hour : 17:00 =	171 (10.1%)	Peak PM Factor : 0.855	Average Hour :	70.4

Date	Time	:00	:15	:30	:45	Total
4/13/2011	00:00	0	8	2	1	11
Wed	01:00	2	3	1	0	6
	02:00	1	3	0	2	6
	03:00	5	0	1	0	6
	04:00	2	11	3	6	22
	05:00	8	8	5	3	24
	06:00	12	9	22	20	63
	07:00	33	40	24	31	128
	08:00	19	29	23	47	118
	09:00	20	29	22	32	103
	10:00	33	32	35	29	129
	11:00	20	31	42	15	108
	12:00	32	35	19	22	108
	13:00	20	34	23	27	104
	14:00	33	22	31	34	120
	15:00	44	24	24	40	132
	16:00	24	49	36	46	155
	17:00	48	68	57	36	209
	18:00	29	25	22	9	85
	19:00	17	10	4	18	49
	20:00	12	13	5	6	36
	21:00	11	11	5	6	33
	22:00	10	4	9	3	26
	23:00	4	1	2	1	8
Day Total :						1789

AM Total :	724 (40.5%)	Peak AM Hour : 09:45 =	132 (7.4%)	Peak AM Factor : 0.702	Average Period :	18.6
PM Total :	1065 (59.5%)	Peak PM Hour : 16:45 =	219 (12.2%)	Peak PM Factor : 0.805	Average Hour :	74.5

Date	Time	:00	:15	:30	:45	Total
4/14/2011	00:00	2	9	3	0	14
Thu	01:00	2	1	1	1	5
	02:00	1	1	4	0	6
	03:00	3	4	5	0	12
	04:00	2	4	6	1	13
	05:00	4	11	5	10	30
	06:00	12	7	20	20	59
	07:00	25				25
Day Total :						164

AM Total :	164 (100.0%)	Peak AM Hour : 06:15 =	72 (43.9%)	Peak AM Factor : 0.720	Average Period :	5.7
PM Total :		Peak PM Hour :		Peak PM Factor :	Average Hour :	22.6

Basic Volume Summary: R090W437ONA

Grand Total For Data From: 14:15 - 04/11/2011 To: 07:29 - 04/14/2011

Lane	Total Count		# Of Days	ADT	Avg. Period	Avg. Hour	AM Total & Percent	PM Total & Percent
#1.	4245	(100.0%)	2.71	1567	16.3	65.3	1542 (36.3%)	2703 (63.7%)
ALL	4245		2.71	1567	16.3	65.3	1542 (36.3%)	2703 (63.7%)

Lane	Peak AM Hour		Date	Peak AM Factor	Peak PM Hour		Date	Peak PM Factor
#1.	09:45 =	132	04/13/2011	0.702	16:45 =	219	04/13/2011	0.805

Basic Axle Classification Report: 2D0310456

Station ID : 2D0310456
Info Line 1 : EB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 2D0310456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11442
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 13:45 - 04/11/2011 To: 06:59 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	13:45	1	50	51	0	4	1	0	1	2	0	0	0	1	1	112
Mon	14:00	0	57	53	0	5	2	0	2	6	1	1	0	1	0	128
	14:15	2	75	45	3	1	0	1	2	6	1	0	0	1	0	137
	14:30	0	54	53	0	6	1	0	0	7	2	0	0	5	0	128
	14:45	1	55	49	2	4	0	3	2	5	1	0	0	5	0	127
	15:00	0	51	54	2	2	2	0	3	7	0	0	0	1	0	122
	15:15	0	51	48	0	1	1	0	0	4	1	0	0	3	2	111
	15:30	2	53	52	1	2	0	0	0	9	2	0	0	6	0	127
	15:45	1	69	67	1	6	1	1	0	5	1	0	0	5	1	158
	16:00	1	64	56	1	5	1	0	0	6	1	0	0	4	0	139
	16:15	1	76	58	1	0	1	0	1	3	1	0	0	0	1	143
	16:30	1	81	62	0	0	0	1	0	4	0	0	0	2	1	152
	16:45	0	62	58	1	2	0	0	1	7	0	0	0	3	0	134
	17:00	0	60	65	1	4	0	1	2	5	2	0	0	2	0	142
	17:15	1	71	58	1	0	0	0	3	4	0	0	0	1	1	140
	17:30	0	80	60	0	3	0	0	0	4	0	0	0	1	1	149
	17:45	0	71	44	1	1	0	0	1	13	0	0	0	4	1	136
	18:00	1	59	43	1	0	0	0	1	8	0	0	0	2	0	115
	18:15	2	56	41	1	2	0	0	0	7	0	0	0	3	1	113
	18:30	0	46	52	1	1	0	0	1	8	1	0	0	0	0	110
	18:45	0	46	25	2	1	0	0	0	5	0	1	0	1	0	81
	19:00	1	52	33	1	0	0	0	0	7	1	0	0	1	0	96
	19:15	0	47	27	0	1	0	0	0	6	0	0	0	3	0	84
	19:30	0	39	30	1	1	0	0	3	8	2	0	0	2	1	87
	19:45	1	31	36	0	0	0	0	1	3	1	0	0	1	0	74
	20:00	1	23	29	2	0	2	0	0	3	2	0	0	1	0	63
	20:15	0	36	33	1	1	0	0	0	6	0	0	0	1	1	79
	20:30	0	39	11	1	0	0	0	0	9	1	0	0	0	0	61
	20:45	0	26	17	1	0	0	0	0	9	0	0	0	0	0	53
	21:00	0	22	23	1	1	0	0	1	4	0	0	0	1	0	53
	21:15	2	29	23	1	0	0	0	0	6	1	0	0	3	0	65
	21:30	0	23	13	0	0	0	0	0	4	0	0	0	0	0	40
	21:45	1	16	9	0	0	0	0	0	6	0	0	0	1	0	33
	22:00	0	19	15	0	1	1	0	0	5	0	0	0	0	0	41

	(AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
Date	Time															
04/11/11	22:15	0	26	11	0	0	1	0	0	3	1	0	0	1	0	43
Mon	22:30	0	15	10	0	1	1	0	0	1	0	0	0	1	1	30
	22:45	1	14	13	0	0	0	0	0	4	0	0	0	1	0	33
	23:00	0	11	8	1	0	0	0	0	3	1	0	0	0	0	24
	23:15	0	7	6	0	0	1	0	1	2	0	0	0	0	0	17
	23:30	0	7	8	0	1	0	0	0	5	0	0	0	0	0	21
	23:45	0	4	4	0	0	0	0	0	1	0	0	0	1	0	10
Daily Total :		21	1773	1453	30	57	16	7	26	220	24	2	0	69	13	3711
	Percent :	1%	48%	39%	1%	2%	0%	0%	1%	6%	1%	0%	0%	2%	0%	
	Average :	1	43	35	1	1	0	0	1	5	1	0	0	2	0	90

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	11	4	0	0	0	0	2	2	1	0	0	0	0	20
Tue	00:15	0	1	4	0	2	0	0	0	1	0	0	0	1	0	9
	00:30	0	7	4	0	0	0	0	1	3	0	0	0	0	2	17
	00:45	0	2	1	1	0	0	0	0	4	0	0	0	0	0	8
	01:00	0	4	4	0	2	0	0	1	3	0	0	0	0	0	14
	01:15	0	1	6	0	0	0	0	0	2	0	0	0	0	0	9
	01:30	0	7	0	0	0	0	0	0	2	0	0	0	1	0	10
	01:45	0	2	2	0	0	0	0	0	1	1	0	0	1	0	7
	02:00	0	6	1	0	0	0	0	0	3	0	0	0	0	0	10
	02:15	0	0	0	0	0	0	0	1	7	0	1	0	1	0	10
	02:30	0	5	4	0	0	0	0	0	1	0	0	0	0	0	10
	02:45	0	5	2	0	0	0	0	0	3	0	0	0	1	0	11
	03:00	0	4	4	0	0	0	0	1	3	1	0	0	1	0	14
	03:15	0	4	3	0	0	0	0	0	1	0	0	0	1	0	9
	03:30	0	9	4	0	0	0	0	0	2	0	0	2	1	0	18
	03:45	0	4	3	0	0	0	0	1	2	0	0	1	1	0	12
	04:00	0	4	8	0	0	0	0	0	2	0	0	0	1	0	15
	04:15	0	6	7	0	0	0	0	0	4	0	1	0	1	0	19
	04:30	0	17	9	0	0	0	0	0	6	0	1	0	1	0	34
	04:45	0	19	8	0	0	0	0	1	1	0	0	0	1	0	30
	05:00	0	25	13	0	0	0	0	0	1	0	0	0	0	1	40
	05:15	0	29	6	0	0	0	0	1	5	1	0	0	3	0	45
	05:30	0	43	22	1	0	0	0	0	7	2	0	0	4	1	80
	05:45	0	44	32	0	1	1	0	0	3	0	0	0	1	0	82
	06:00	0	42	28	0	1	1	0	1	2	0	0	1	0	0	76
	06:15	0	55	29	0	1	0	0	0	3	0	0	1	2	2	93
	06:30	1	88	50	0	0	0	0	1	4	0	0	0	1	0	145
	06:45	0	86	48	0	2	0	0	0	4	0	0	1	0	1	142
	07:00	0	98	43	0	0	0	0	1	10	2	0	0	6	1	161
	07:15	1	106	62	0	0	0	0	1	6	0	1	0	4	3	184
	07:30	0	143	62	0	2	0	0	0	9	0	1	1	3	2	223
	07:45	0	144	76	2	2	0	0	2	5	1	2	0	2	1	237
	08:00	0	79	49	0	4	0	0	1	5	0	0	0	3	1	142
	08:15	0	100	48	2	2	0	1	1	9	2	1	0	8	2	176
	08:30	1	81	66	1	1	1	0	1	8	1	0	0	6	1	168
	08:45	0	78	57	1	3	0	0	0	11	0	1	0	1	1	153
	09:00	0	64	50	2	3	0	0	0	10	0	0	0	2	1	132
	09:15	0	60	58	0	1	1	0	2	13	0	0	0	2	1	138
	09:30	0	87	57	0	4	0	0	1	16	0	0	0	2	1	168
	09:45	0	85	62	0	3	0	0	1	12	1	1	0	2	1	168
	10:00	0	61	69	0	4	0	0	0	11	1	0	0	1	0	147
	10:15	0	57	56	0	2	0	0	3	6	2	0	0	3	0	129
	10:30	0	63	52	0	3	2	0	0	6	2	0	0	3	0	131
	10:45	0	69	50	3	1	2	0	2	13	1	0	0	2	0	143
	11:00	0	70	51	0	1	1	0	2	11	0	0	0	2	2	140
	11:15	0	66	59	0	3	0	0	2	11	2	0	1	3	1	148
	11:30	1	58	50	0	1	1	0	0	13	3	0	0	1	2	130
	11:45	0	53	55	0	1	1	0	2	11	3	0	0	10	0	136
	12:00	0	54	53	0	0	1	0	0	10	3	0	0	1	0	122
	12:15	0	67	46	1	2	1	1	1	8	1	0	0	2	1	131

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	64	45	0	2	0	0	1	16	0	0	0	4	2	134
Tue	12:45	1	68	50	1	0	1	0	3	17	0	0	1	4	1	147
	13:00	0	45	56	2	3	0	0	0	17	3	1	0	1	1	129
	13:15	1	57	39	2	0	0	0	2	17	1	0	0	3	2	124
	13:30	0	63	47	1	0	2	0	2	12	4	0	0	3	2	136
	13:45	0	53	45	1	1	1	0	2	13	2	0	0	3	1	122
	14:00	2	61	41	0	3	3	0	0	9	1	0	0	6	1	127
	14:15	1	76	37	2	4	1	0	1	16	3	0	0	4	1	146
	14:30	0	50	64	2	2	1	0	1	11	1	0	0	1	2	135
	14:45	0	65	45	1	5	0	1	1	15	2	0	0	2	0	137
	15:00	0	48	38	0	1	1	0	2	12	3	0	1	4	0	110
	15:15	0	72	35	1	0	0	1	2	13	0	0	0	2	1	127
	15:30	0	75	53	1	1	0	0	2	17	1	0	0	3	1	154
	15:45	0	57	50	1	4	0	1	1	12	3	0	0	5	0	134
	16:00	2	77	64	0	2	1	0	2	9	1	0	0	2	0	160
	16:15	1	76	59	1	3	2	0	4	12	3	0	0	6	1	168
	16:30	1	83	60	0	3	1	0	3	17	4	0	0	1	0	173
	16:45	0	69	43	1	2	0	1	2	10	2	1	0	3	0	134
	17:00	0	60	52	0	1	0	0	1	13	3	0	0	2	2	134
	17:15	1	88	57	0	2	0	0	0	14	0	0	0	1	0	163
	17:30	1	79	63	0	2	0	0	1	6	4	0	0	3	0	159
	17:45	3	77	48	0	1	0	0	1	12	0	0	0	2	2	146
	18:00	1	55	37	1	0	0	0	0	9	0	0	0	2	2	107
	18:15	0	41	42	2	1	1	0	1	12	1	0	0	5	2	108
	18:30	0	56	41	2	2	0	0	2	12	3	0	0	4	2	124
	18:45	1	57	37	2	2	0	0	0	9	0	0	0	1	0	109
	19:00	0	37	24	0	3	2	0	0	10	0	0	0	2	0	78
	19:15	0	38	34	1	1	0	0	0	9	4	0	0	1	0	88
	19:30	0	36	26	1	0	1	0	2	10	0	0	0	0	1	77
	19:45	0	32	29	2	1	0	0	0	13	3	0	0	0	0	80
	20:00	1	27	24	0	2	1	0	3	10	2	0	0	1	1	72
	20:15	2	25	17	2	1	0	0	0	13	0	0	0	1	0	61
	20:30	0	19	16	1	0	0	0	0	6	0	0	0	0	0	42
	20:45	0	28	25	2	4	0	0	1	7	1	0	0	2	0	70
	21:00	0	32	21	0	1	0	0	2	10	1	0	0	2	0	69
	21:15	0	24	12	0	1	0	0	0	8	2	0	0	0	0	47
	21:30	0	17	14	0	3	0	0	0	10	1	0	0	1	0	46
	21:45	1	20	9	1	1	0	0	0	6	0	0	0	0	0	38
	22:00	0	17	11	0	1	0	0	1	4	0	0	0	1	0	35
	22:15	0	19	12	0	0	0	0	1	9	0	0	0	1	1	43
	22:30	0	12	14	0	0	0	0	1	3	0	0	0	0	0	30
	22:45	0	18	14	1	0	0	0	0	3	0	0	0	1	0	37
	23:00	0	11	7	1	0	0	0	0	3	1	0	0	2	0	25
	23:15	0	10	7	0	1	0	0	0	5	0	0	0	1	0	24
	23:30	0	11	7	0	1	0	0	0	5	0	0	0	0	0	24
	23:45	0	7	11	1	0	0	0	1	7	0	0	0	2	0	29
Daily Total :		24	4385	3119	51	120	32	6	83	779	91	12	10	188	58	8958
	Percent :	0%	49%	35%	1%	1%	0%	0%	1%	9%	1%	0%	0%	2%	1%	
	Average :	0	46	32	1	1	0	0	1	8	1	0	0	2	1	93

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	4	4	0	1	0	0	1	3	1	0	0	0	0	14
Wed	00:15	0	5	11	0	0	0	0	1	3	0	0	0	1	0	21
	00:30	0	4	2	1	0	0	0	1	2	0	0	0	2	0	12
	00:45	0	4	0	0	1	0	0	0	1	1	0	1	0	0	8
	01:00	0	3	2	0	1	0	0	0	4	0	0	0	1	0	11
	01:15	0	3	3	0	0	0	0	0	2	0	0	0	0	0	8
	01:30	0	7	3	0	0	1	0	0	3	0	0	0	0	1	15
	01:45	0	2	3	0	0	0	0	0	2	0	0	0	1	0	8
	02:00	0	1	0	0	0	0	0	2	3	1	0	0	0	1	8
	02:15	0	7	1	0	0	0	0	0	3	0	0	0	1	0	12
	02:30	0	8	0	0	0	0	0	0	1	0	0	0	0	0	9
	02:45	0	3	1	0	0	0	0	1	1	0	0	0	4	0	10
	03:00	0	2	1	0	0	0	0	3	3	0	0	1	1	0	11
	03:15	0	10	5	0	0	0	0	1	4	0	0	1	0	0	21
	03:30	0	15	7	0	0	0	0	2	4	0	0	0	0	0	28
	03:45	0	6	6	0	1	0	0	0	6	0	0	1	2	0	22
	04:00	0	9	3	0	0	0	0	0	2	1	0	0	0	0	15
	04:15	1	8	5	0	0	0	0	0	2	2	0	1	1	0	20
	04:30	0	19	8	0	0	0	0	3	2	1	0	0	4	0	37
	04:45	0	17	5	0	0	0	0	0	1	0	0	0	2	1	26
	05:00	0	26	8	0	0	0	0	1	1	0	0	0	0	0	36
	05:15	0	21	12	0	0	0	0	0	6	1	0	1	3	1	45
	05:30	1	40	25	0	0	0	0	0	5	0	0	1	2	0	74
	05:45	0	44	23	0	0	1	0	1	2	0	0	0	4	3	78
	06:00	0	41	20	0	2	0	0	2	2	3	0	0	0	0	70
	06:15	0	74	31	0	0	0	0	1	3	1	0	1	0	2	113
	06:30	0	95	47	0	5	1	0	0	3	1	0	0	3	0	155
	06:45	1	80	46	0	0	0	0	1	6	2	0	0	5	2	143
	07:00	0	89	38	1	1	0	0	1	10	1	0	0	1	0	142
	07:15	1	114	49	0	1	0	0	3	12	1	0	1	4	0	186
	07:30	0	139	62	1	3	0	0	1	11	3	0	0	3	0	223
	07:45	2	102	65	2	2	0	0	1	7	0	0	0	7	0	188
	08:00	2	80	57	0	0	1	0	1	15	0	0	1	6	1	164
	08:15	0	108	50	3	3	1	0	3	6	3	0	1	2	0	180
	08:30	0	112	80	0	0	0	0	3	10	0	0	0	3	0	208
	08:45	0	99	75	2	1	2	0	1	8	4	1	1	1	0	195
	09:00	0	70	75	0	2	0	0	3	14	0	0	0	5	1	170
	09:15	0	67	53	3	1	1	0	1	10	1	0	0	1	0	138
	09:30	1	83	68	1	1	0	0	2	19	2	0	0	2	0	179
	09:45	0	85	67	2	1	0	0	1	15	0	0	0	2	0	173
	10:00	0	86	58	1	0	0	0	1	12	2	0	0	4	1	165
	10:15	0	69	62	2	2	2	0	1	11	1	0	0	3	0	153
	10:30	0	96	61	1	5	3	1	1	13	0	0	0	2	0	183
	10:45	0	73	62	1	1	1	1	1	12	0	0	0	2	0	154
	11:00	0	69	64	1	0	2	0	1	18	2	0	0	6	0	163
	11:15	0	81	51	1	3	0	0	1	12	1	0	0	1	0	151
	11:30	0	66	61	0	2	2	0	1	18	2	0	0	3	0	155
	11:45	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	1	17	12	1	2	0	0	0	2	0	0	0	1	0	36
	14:00	1	54	51	3	2	1	1	0	15	1	0	2	2	1	134
	14:15	0	50	52	2	2	2	0	0	21	1	0	0	6	1	137
	14:30	0	72	54	1	2	1	0	2	19	0	0	0	6	2	159
	14:45	0	48	71	1	4	1	2	3	22	1	0	0	6	0	159
	15:00	1	59	70	1	2	0	1	2	18	3	0	0	5	2	164
	15:15	1	70	56	0	1	0	0	2	16	1	0	0	5	1	153
	15:30	0	60	48	0	5	2	0	1	15	2	0	0	5	3	141
	15:45	4	62	66	2	5	0	0	3	11	1	0	0	6	0	160
	16:00	0	61	73	0	3	1	1	2	13	3	0	0	4	0	161
	16:15	2	62	69	3	4	1	0	3	14	0	0	0	8	1	167
	16:30	0	61	65	1	5	0	0	6	14	1	0	0	4	0	157
	16:45	1	53	61	2	0	0	1	2	12	2	0	0	1	1	136
	17:00	2	44	65	0	3	0	0	2	9	0	0	0	4	1	130
	17:15	0	76	65	0	1	1	0	2	15	1	1	0	3	1	166
	17:30	0	66	64	0	3	0	0	4	16	3	0	0	2	5	163
	17:45	0	57	61	1	4	0	0	2	6	1	0	0	5	3	140
	18:00	1	50	63	2	2	0	0	6	10	0	0	2	4	0	140
	18:15	0	43	52	0	1	0	0	2	8	0	1	0	4	0	111
	18:30	0	54	45	2	3	0	0	2	5	0	0	0	1	3	115
	18:45	0	41	31	2	2	0	0	1	11	1	0	0	5	1	95
	19:00	0	30	42	0	5	1	0	3	8	0	0	0	0	0	89
	19:15	0	25	30	2	1	0	0	4	11	2	0	0	0	0	75
	19:30	0	30	19	2	4	0	0	2	5	1	0	0	1	0	64
	19:45	2	35	21	0	3	0	0	1	4	0	0	0	2	0	68
	20:00	0	23	25	0	0	0	0	3	6	0	0	0	0	1	58
	20:15	0	31	17	1	3	1	0	0	8	0	0	0	1	1	63
	20:30	0	26	19	0	3	1	0	2	2	2	0	0	2	0	57
	20:45	0	30	22	0	0	0	1	1	4	2	0	0	0	0	60
	21:00	0	34	30	1	2	0	0	2	2	1	0	0	0	1	73
	21:15	0	32	16	0	0	0	0	4	3	1	0	0	0	0	56
	21:30	0	30	15	0	4	1	0	1	7	0	0	0	0	0	58
	21:45	1	22	12	0	2	0	0	3	5	0	0	0	1	1	47
	22:00	0	3	7	7	21	0	0	7	1	0	0	0	1	1	48
	22:15	0	3	6	5	18	0	0	6	0	0	0	0	2	0	40
	22:30	0	2	6	3	7	0	0	5	0	0	0	0	0	0	23
	22:45	0	6	9	12	12	0	0	4	0	0	0	0	0	0	43
	23:00	0	4	10	4	8	0	0	4	0	0	0	0	0	0	30
	23:15	0	1	4	3	8	1	0	2	0	0	0	0	1	1	21
	23:30	0	5	8	4	8	0	0	5	0	0	0	0	0	0	30
	23:45	0	4	5	0	2	0	0	5	0	1	0	0	1	0	18
Daily Total :		26	3782	2957	91	207	33	9	161	651	70	3	16	194	46	8246
	Percent :	0%	46%	36%	1%	3%	0%	0%	2%	8%	1%	0%	0%	2%	1%	
	Average :	0	39	31	1	2	0	0	2	7	1	0	0	2	0	85

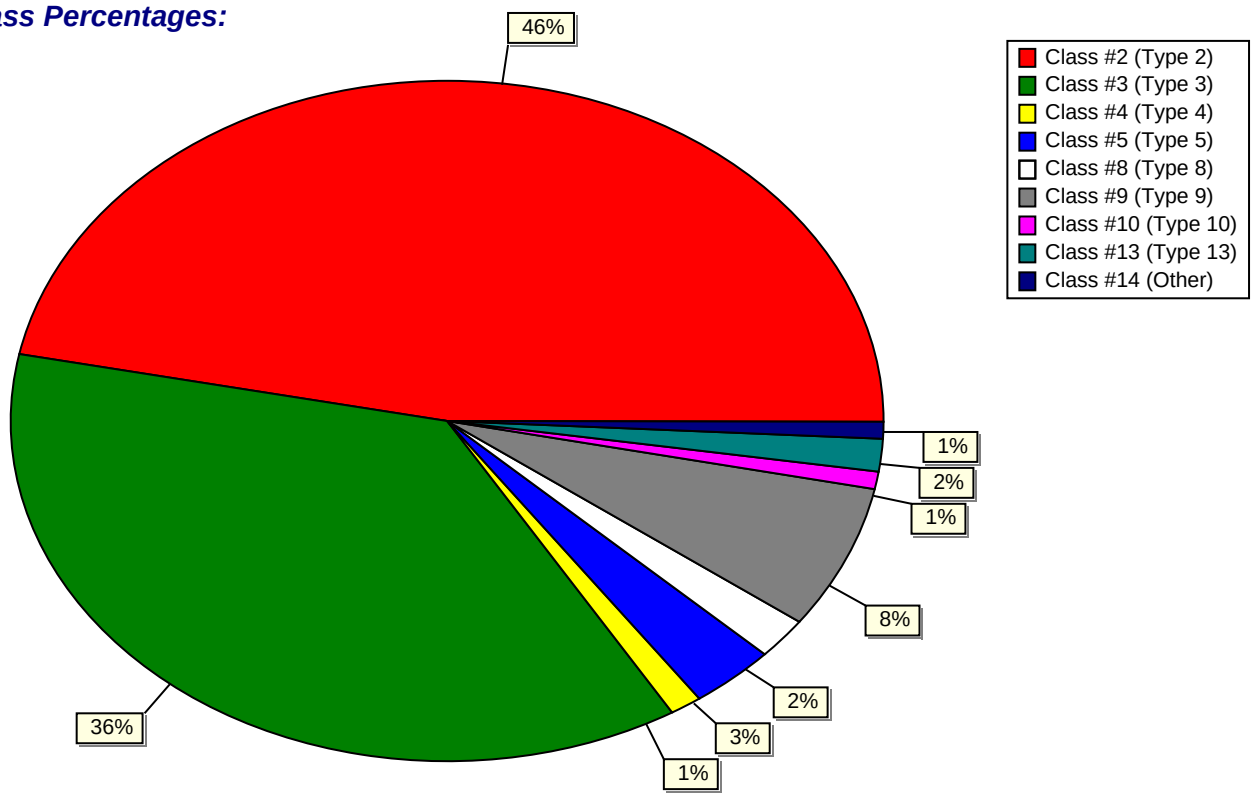
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	3	2	2	10	0	0	4	0	0	0	0	0	0	21
Thu	00:15	0	6	5	4	3	0	0	3	0	0	0	0	0	0	21
	00:30	0	1	3	3	7	0	0	2	1	0	0	0	2	0	19
	00:45	0	2	3	0	5	0	0	4	0	0	0	0	0	0	14
	01:00	0	1	1	0	1	0	0	1	0	0	0	0	0	1	5
	01:15	0	4	2	1	2	0	0	4	0	0	0	0	0	0	13
	01:30	0	3	2	1	6	0	0	4	1	0	0	0	0	0	17
	01:45	0	1	3	0	2	0	0	3	0	0	0	0	0	0	9
	02:00	0	1	2	4	2	0	0	0	0	0	0	0	0	0	9
	02:15	1	5	2	3	2	0	0	4	0	0	0	0	1	1	19
	02:30	0	0	2	1	0	0	0	3	0	0	0	0	0	0	6
	02:45	0	5	0	2	2	0	0	6	0	0	0	0	0	2	17
	03:00	0	3	2	1	4	0	0	3	1	0	0	0	0	1	15
	03:15	0	1	7	2	3	0	0	1	1	0	0	0	0	0	15
	03:30	0	3	9	4	10	0	0	3	0	1	0	0	0	0	30
	03:45	0	2	1	0	5	0	0	2	1	0	0	0	0	2	13
	04:00	0	5	3	5	2	0	0	3	0	0	0	0	0	0	18
	04:15	0	8	2	8	12	0	0	6	0	0	0	0	0	0	36
	04:30	0	2	10	3	15	0	0	3	0	0	0	0	1	1	35
	04:45	0	2	12	4	8	0	0	2	0	0	0	0	0	0	28
	05:00	0	7	11	7	13	1	0	6	0	0	0	0	0	1	46
	05:15	0	1	14	8	20	0	0	4	0	0	0	0	0	0	47
	05:30	0	3	22	11	30	0	0	6	0	0	0	0	0	2	74
	05:45	0	2	23	4	29	0	0	4	0	0	0	0	3	0	65
	06:00	0	3	21	7	38	0	0	9	1	0	0	0	0	1	80
	06:15	0	6	36	12	31	0	0	11	1	0	0	0	1	0	98
	06:30	1	5	49	17	70	0	0	11	0	0	0	0	0	0	153
Daily Total :		2	85	249	114	332	1	0	112	7	1	0	0	8	12	923
	Percent :	0%	9%	27%	12%	36%	0%	0%	12%	1%	0%	0%	0%	1%	1%	
	Average :	0	3	9	4	12	0	0	4	0	0	0	0	0	0	32

Basic Axle Class Summary: 2D0310456

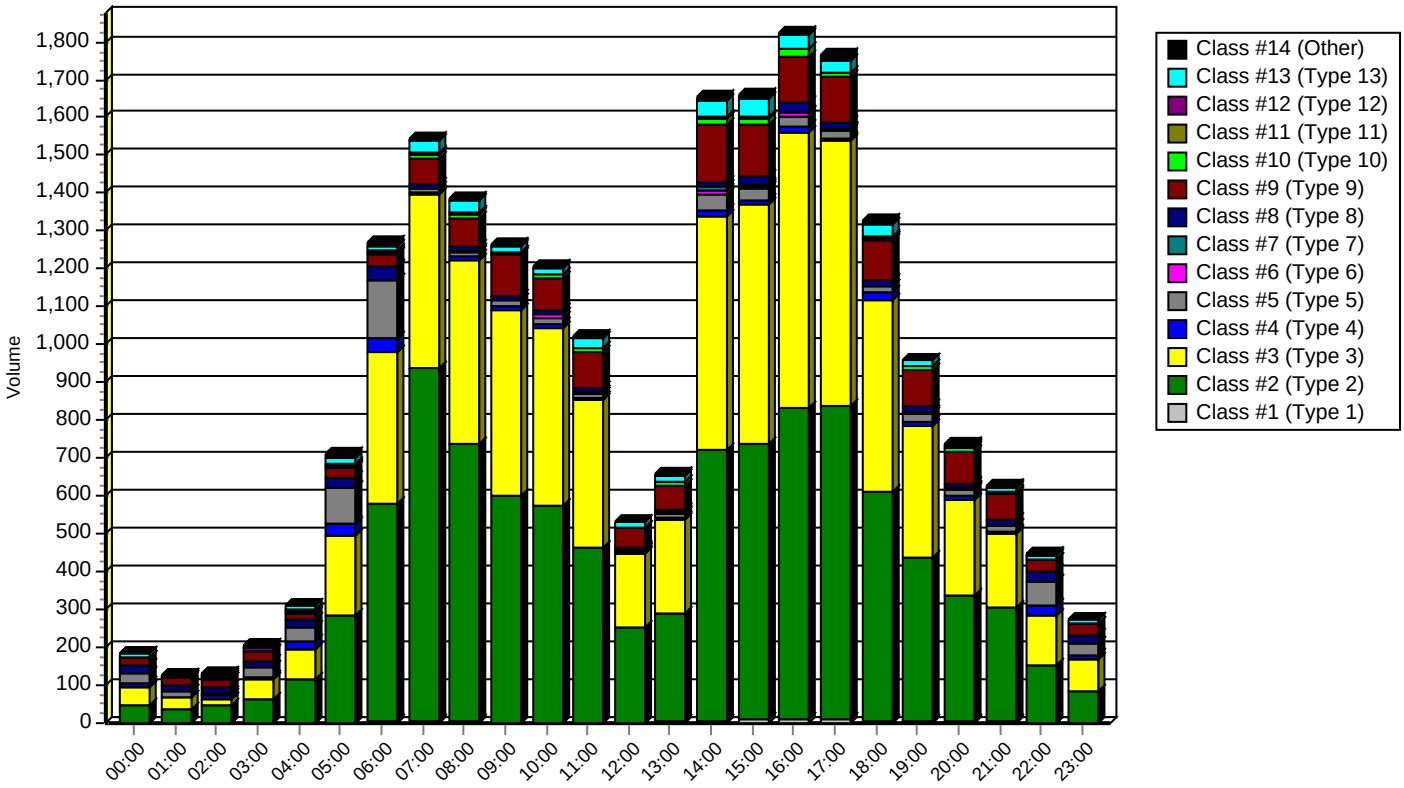
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	73	10025	7778	286	716	82	22	382	1657	186	17	26	459	129	21838
		73	10025	7778	286	716	82	22	382	1657	186	17	26	459	129	21838
Percents :	#1.	0%	46%	36%	1%	3%	0%	0%	2%	8%	1%	0%	0%	2%	1%	100%
		0%	46%	36%	1%	3%	0%	0%	2%	8%	1%	0%	0%	2%	1%	
Average :	#1.	0	39	30	1	3	0	0	1	6	1	0	0	2	0	83
		0	39	30	1	3	0	0	1	6	1	0	0	2	0	83
Days & ADT :	#1.	2.7	8063													
		2.7	8063													

2D0310456 Axle Class Charts For Data From: 13:45 - 04/11/2011 To: 06:59 - 04/14/2011

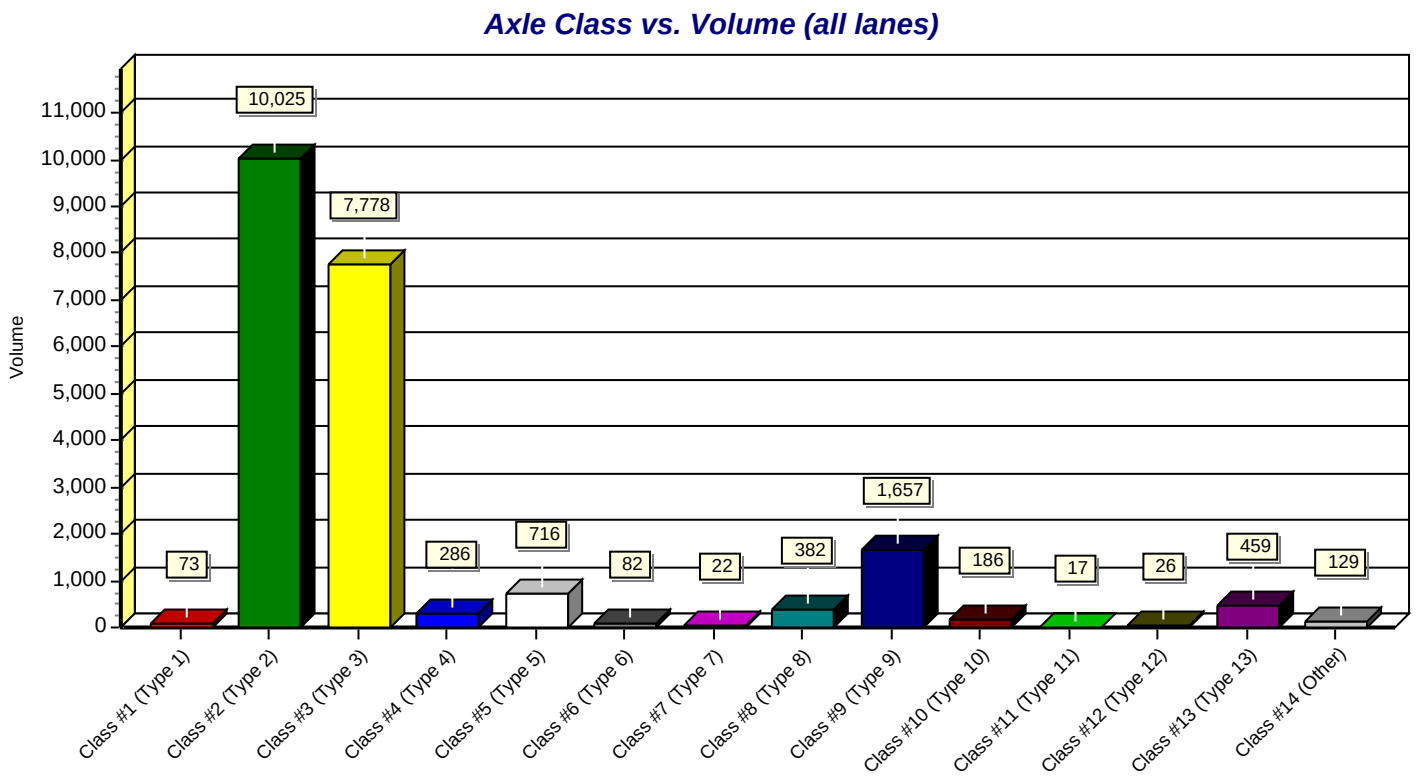
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0310456 Axle Class Charts For Data From: 13:45 - 04/11/2011 To: 06:59 - 04/14/2011



Basic Speed Classification Report: 2D0310456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 13:45 - 04/11/2011 To: 06:59 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	13:45	0	0	0	0	0	0	0	0	0	9	52	36	11	4	0	0	112
Mon	14:00	0	0	0	0	0	0	0	1	3	17	58	34	13	2	0	0	128
	14:15	0	0	0	0	0	0	0	0	3	18	64	36	10	6	0	0	137
	14:30	0	0	0	0	0	0	0	0	4	17	55	28	17	6	1	0	128
	14:45	0	0	1	0	0	0	0	0	1	15	64	33	11	2	0	0	127
	15:00	0	0	0	0	0	0	0	0	1	23	55	24	14	5	0	0	122
	15:15	0	0	0	0	0	0	0	0	2	11	54	29	11	4	0	0	111
	15:30	0	0	0	0	0	0	0	0	3	20	55	34	9	6	0	0	127
	15:45	0	0	0	0	0	0	0	1	3	27	68	39	12	8	0	0	158
	16:00	0	0	0	0	0	0	0	0	6	18	59	43	10	1	2	0	139
	16:15	0	0	0	0	0	0	0	0	4	16	72	35	10	6	0	0	143
	16:30	0	0	0	0	0	0	0	1	3	38	58	36	15	1	0	0	152
	16:45	0	0	0	0	0	0	0	0	1	16	74	33	10	0	0	0	134
	17:00	0	0	0	0	0	0	0	0	6	26	59	36	14	1	0	0	142
	17:15	0	0	0	0	0	0	0	0	0	26	55	42	11	6	0	0	140
	17:30	0	0	0	0	0	0	0	0	0	28	63	40	16	2	0	0	149
	17:45	0	0	0	0	0	0	0	0	3	31	61	25	13	3	0	0	136
	18:00	0	0	0	0	0	0	0	0	2	28	39	30	11	5	0	0	115
	18:15	0	0	0	0	0	0	0	0	0	16	39	35	16	4	3	0	113
	18:30	0	0	0	0	0	0	0	0	2	18	44	30	13	2	1	0	110
	18:45	0	0	0	0	0	0	0	0	0	10	30	30	10	1	0	0	81
	19:00	0	0	0	0	0	0	0	1	2	13	34	19	20	6	1	0	96
	19:15	0	0	0	0	0	0	0	0	1	9	34	24	12	2	2	0	84
	19:30	0	0	0	0	0	0	0	0	1	10	34	26	14	2	0	0	87
	19:45	0	0	0	0	0	0	0	0	1	6	33	17	12	5	0	0	74
	20:00	0	0	0	0	0	0	0	0	1	9	26	12	12	3	0	0	63
	20:15	0	0	0	0	0	0	0	0	7	16	32	14	8	2	0	0	79
	20:30	0	0	0	0	0	0	0	1	2	14	30	10	4	0	0	0	61
	20:45	0	0	0	0	0	0	0	1	1	13	26	10	1	1	0	0	53
	21:00	0	0	0	0	0	0	0	1	2	20	16	6	6	2	0	0	53
	21:15	0	0	0	0	0	0	0	0	3	17	25	12	7	1	0	0	65
	21:30	0	0	0	0	0	0	0	1	4	10	11	13	1	0	0	0	40
	21:45	0	0	0	0	0	0	0	0	3	6	16	6	2	0	0	0	33
	22:00	0	0	0	0	0	0	0	1	3	11	15	7	3	1	0	0	41
	22:15	0	0	0	0	0	0	1	0	1	4	23	11	3	0	0	0	43
	22:30	0	0	0	0	0	0	0	0	1	5	13	8	2	1	0	0	30
	22:45	0	0	0	0	0	0	0	0	1	5	11	11	5	0	0	0	33
	23:00	0	0	0	0	0	0	0	1	1	5	9	6	1	1	0	0	24
	23:15	0	0	0	0	0	0	0	0	1	3	12	1	0	0	0	0	17
	23:30	0	0	0	0	0	0	0	0	2	4	9	5	0	1	0	0	21

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
04/11/11	23:45	0	0	0	0	0	0	0	0	0	2	4	4	0	0	0	0	10
Daily Total :		0	0	1	0	0	0	1	10	85	610	1591	930	370	103	10	0	3711
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	2%	16%	43%	25%	10%	3%	0%	0%	
Average :		0	0	0	0	0	0	0	0	2	15	39	23	9	3	0	0	83

Speeds - Average: 69.2 50% : 68.7 67% : 71.1 85% : 74.6 10mph Pace: 65.0 - 74.9 (67.9%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	3	5	11	0	1	0	0	0	20
Tue	00:15	0	0	0	0	0	0	0	0	1	6	1	0	1	0	0	0	9
	00:30	0	0	0	0	0	0	0	0	1	4	6	5	1	0	0	0	17
	00:45	0	0	0	0	0	0	0	1	0	3	4	0	0	0	0	0	8
	01:00	0	0	0	0	0	0	0	1	0	4	6	1	2	0	0	0	14
	01:15	0	0	0	0	0	0	0	0	0	2	2	1	2	2	0	0	9
	01:30	0	0	0	0	0	0	0	0	0	2	3	2	3	0	0	0	10
	01:45	0	0	0	0	0	0	0	0	0	3	2	2	0	0	0	0	7
	02:00	0	0	0	0	0	0	0	0	4	4	1	1	0	0	0	0	10
	02:15	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	0	10
	02:30	0	0	0	0	0	0	0	0	0	2	3	4	1	0	0	0	10
	02:45	0	0	0	0	0	0	0	0	1	5	5	0	0	0	0	0	11
	03:00	0	0	0	0	0	0	0	0	1	4	5	4	0	0	0	0	14
	03:15	0	0	0	0	0	0	0	0	1	1	4	2	0	1	0	0	9
	03:30	0	0	0	0	0	0	0	0	0	0	10	5	2	1	0	0	18
	03:45	0	0	0	0	0	0	0	0	0	2	8	2	0	0	0	0	12
	04:00	0	0	0	0	0	0	0	1	0	5	5	2	2	0	0	0	15
	04:15	0	0	0	0	0	0	0	0	3	5	6	2	2	1	0	0	19
	04:30	0	0	0	0	0	0	0	0	1	7	14	5	4	2	1	0	34
	04:45	0	0	0	0	0	0	0	1	2	8	13	4	1	1	0	0	30
	05:00	0	0	1	0	0	0	0	2	2	5	15	12	2	1	0	0	40
	05:15	0	0	0	0	0	0	0	0	3	7	15	10	6	3	1	0	45
	05:30	0	0	0	0	0	0	0	0	0	18	34	18	5	5	0	0	80
	05:45	0	0	0	0	0	1	0	0	4	7	30	29	7	3	1	0	82
	06:00	0	0	0	0	0	0	0	0	4	17	36	13	3	3	0	0	76
	06:15	0	0	0	0	0	0	0	3	5	18	40	25	2	0	0	0	93
	06:30	1	0	0	0	0	0	0	0	3	16	66	46	12	1	0	0	145
	06:45	0	0	0	0	0	0	0	0	1	21	62	42	14	2	0	0	142
	07:00	0	0	0	0	0	0	0	0	1	32	87	34	7	0	0	0	161
	07:15	0	0	0	0	0	0	0	0	4	39	83	45	10	2	1	0	184
	07:30	0	0	0	0	0	0	0	0	12	55	96	45	7	7	1	0	223
	07:45	0	0	0	0	0	0	0	0	8	55	111	50	12	1	0	0	237
	08:00	0	0	0	0	0	0	0	0	7	25	71	32	7	0	0	0	142
	08:15	0	0	0	0	0	0	2	3	17	43	75	32	4	0	0	0	176
	08:30	0	0	0	0	0	0	0	0	3	41	83	32	7	2	0	0	168
	08:45	0	0	0	0	0	0	0	0	7	42	64	31	8	1	0	0	153
	09:00	0	0	0	0	0	0	0	2	16	42	50	19	2	1	0	0	132
	09:15	0	0	0	0	0	0	0	1	18	35	65	15	4	0	0	0	138
	09:30	0	0	0	0	0	0	0	0	11	51	73	27	5	1	0	0	168
	09:45	0	0	0	0	0	0	0	6	9	40	77	24	11	0	1	0	168
	10:00	0	0	0	0	0	0	0	0	17	50	48	26	5	0	1	0	147
	10:15	0	0	0	0	0	0	0	5	10	39	53	18	4	0	0	0	129
	10:30	0	0	0	0	0	0	0	1	10	56	40	17	7	0	0	0	131
	10:45	0	0	0	0	0	0	0	2	6	56	58	18	2	1	0	0	143
	11:00	0	0	0	0	0	0	0	1	11	34	60	19	14	1	0	0	140
	11:15	0	0	0	0	0	0	1	2	11	33	71	22	8	0	0	0	148
	11:30	0	0	0	0	0	0	0	0	9	44	50	19	7	1	0	0	130
	11:45	1	0	0	0	0	0	0	1	19	34	54	21	5	1	0	0	136
	12:00	0	0	0	0	0	0	0	0	10	29	51	25	5	1	1	0	122
	12:15	0	0	0	0	0	0	0	1	12	33	67	16	2	0	0	0	131

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	2	12	38	71	10	1	0	0	0	134
Tue	12:45	0	0	1	0	0	1	0	2	27	47	54	12	3	0	0	0	147
	13:00	0	0	0	0	0	0	1	0	20	34	55	18	1	0	0	0	129
	13:15	0	0	0	0	0	0	0	1	14	46	42	14	5	2	0	0	124
	13:30	0	0	0	0	0	0	0	0	5	43	65	18	4	1	0	0	136
	13:45	0	0	1	0	0	0	0	2	15	35	44	23	2	0	0	0	122
	14:00	1	0	0	0	0	0	0	0	8	41	58	16	2	1	0	0	127
	14:15	0	0	0	0	0	0	0	3	6	54	61	15	6	1	0	0	146
	14:30	0	0	0	0	0	0	3	5	15	45	52	9	5	1	0	0	135
	14:45	0	1	0	1	0	0	2	6	17	36	60	12	2	0	0	0	137
	15:00	0	0	0	0	0	0	0	2	13	31	46	16	2	0	0	0	110
	15:15	0	0	0	0	0	0	0	4	24	38	43	14	4	0	0	0	127
	15:30	0	0	0	0	0	0	0	1	8	44	73	25	2	1	0	0	154
	15:45	0	0	0	0	0	0	0	1	9	47	52	20	5	0	0	0	134
	16:00	0	0	0	0	0	0	0	2	8	59	60	21	9	1	0	0	160
	16:15	0	0	0	0	0	0	0	0	18	61	74	12	3	0	0	0	168
	16:30	0	0	0	0	0	0	0	0	5	57	84	20	5	2	0	0	173
	16:45	0	0	0	0	0	0	0	0	6	33	57	27	11	0	0	0	134
	17:00	0	0	0	0	0	0	0	0	10	43	57	20	3	0	1	0	134
	17:15	0	0	0	0	0	0	0	2	18	63	57	17	6	0	0	0	163
	17:30	0	0	0	0	0	0	0	4	9	64	54	21	7	0	0	0	159
	17:45	0	0	0	0	0	0	0	0	7	36	69	25	7	2	0	0	146
	18:00	1	0	0	0	0	0	0	0	1	21	52	27	2	3	0	0	107
	18:15	0	0	0	0	0	0	0	0	1	17	60	24	5	1	0	0	108
	18:30	0	0	0	0	0	0	0	0	5	31	56	23	8	1	0	0	124
	18:45	0	0	0	0	0	0	0	0	0	16	44	35	9	5	0	0	109
	19:00	0	0	0	0	0	0	0	0	0	23	36	12	7	0	0	0	78
	19:15	0	0	1	0	0	0	0	0	3	16	35	23	9	1	0	0	88
	19:30	0	0	0	0	0	0	0	0	3	14	28	16	12	4	0	0	77
	19:45	0	0	0	0	0	0	0	0	2	12	34	24	6	2	0	0	80
	20:00	0	0	0	0	0	0	0	0	3	12	36	14	7	0	0	0	72
	20:15	0	0	0	0	0	0	0	2	3	7	30	15	4	0	0	0	61
	20:30	0	0	0	0	0	0	0	0	3	13	14	8	2	1	1	0	42
	20:45	0	0	0	0	0	0	0	0	3	13	32	12	9	1	0	0	70
	21:00	0	0	0	0	0	0	0	2	4	19	27	8	8	1	0	0	69
	21:15	0	0	0	0	0	0	0	0	1	17	21	6	2	0	0	0	47
	21:30	0	0	0	0	0	0	1	1	1	15	21	5	1	1	0	0	46
	21:45	1	0	0	0	0	0	0	0	2	11	11	10	3	0	0	0	38
	22:00	0	0	0	0	0	0	0	0	2	9	21	1	2	0	0	0	35
	22:15	0	0	0	0	0	0	0	0	8	7	19	7	2	0	0	0	43
	22:30	1	0	0	0	0	0	0	0	1	4	17	5	2	0	0	0	30
	22:45	0	0	0	0	0	0	0	0	1	8	14	9	5	0	0	0	37
	23:00	0	0	0	0	0	0	0	0	2	13	8	1	1	0	0	0	25
	23:15	0	0	0	0	0	0	0	0	3	10	8	3	0	0	0	0	24
	23:30	0	0	0	0	0	0	0	0	1	6	11	5	1	0	0	0	24
	23:45	0	0	0	0	0	0	0	0	1	8	14	3	3	0	0	0	29

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		6	1	4	1	0	2	10	76	596	2410	3837	1505	421	79	10	0	8958
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	7%	27%	43%	17%	5%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	6	25	40	16	4	1	0	0	91

Speeds - Average: 66.7 50% : 66.9 67% : 68.8 85% : 72.3 10mph Pace: 60.1 - 70.0 (69.7%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	2	3	5	1	2	1	0	0	14
Wed	00:15	0	0	0	0	0	0	0	0	0	7	10	2	2	0	0	0	21
	00:30	0	0	0	0	0	0	0	0	2	5	5	0	0	0	0	0	12
	00:45	0	0	0	0	0	0	0	0	2	3	3	0	0	0	0	0	8
	01:00	0	0	0	0	0	0	1	1	0	1	5	3	0	0	0	0	11
	01:15	0	0	0	0	0	0	0	0	0	1	3	1	0	3	0	0	8
	01:30	0	0	0	0	0	0	0	0	1	3	8	2	1	0	0	0	15
	01:45	0	0	0	0	0	0	0	0	1	0	2	4	1	0	0	0	8
	02:00	0	0	0	0	0	1	0	0	0	6	1	0	0	0	0	0	8
	02:15	0	0	0	0	0	0	0	0	0	4	5	3	0	0	0	0	12
	02:30	0	0	0	0	0	0	0	0	1	3	3	1	1	0	0	0	9
	02:45	0	0	0	0	0	0	0	0	1	4	3	2	0	0	0	0	10
	03:00	0	0	0	0	0	0	0	0	0	3	8	0	0	0	0	0	11
	03:15	0	0	0	0	0	0	0	0	1	8	7	3	1	1	0	0	21
	03:30	0	0	0	0	0	0	0	0	6	5	10	4	2	0	1	0	28
	03:45	0	0	0	0	0	0	0	0	2	8	10	0	2	0	0	0	22
	04:00	0	0	0	0	0	0	1	0	2	4	8	0	0	0	0	0	15
	04:15	0	0	0	0	0	0	0	1	0	7	8	1	3	0	0	0	20
	04:30	0	0	0	0	0	0	0	0	4	6	18	7	1	1	0	0	37
	04:45	0	0	0	0	0	0	0	1	2	8	8	3	3	1	0	0	26
	05:00	0	0	0	0	0	0	1	1	1	8	12	10	2	1	0	0	36
	05:15	0	0	0	0	0	0	0	0	3	16	15	6	3	1	1	0	45
	05:30	0	0	0	0	0	0	0	1	5	9	30	21	7	1	0	0	74
	05:45	0	0	0	0	0	0	0	0	4	18	33	13	7	2	1	0	78
	06:00	0	0	0	0	0	0	0	0	2	25	25	16	1	1	0	0	70
	06:15	0	0	0	0	0	0	0	0	0	17	54	29	10	3	0	0	113
	06:30	0	0	0	0	0	0	0	0	5	36	66	35	11	2	0	0	155
	06:45	1	0	0	0	0	0	0	0	2	27	64	34	12	3	0	0	143
	07:00	0	0	0	0	0	0	0	0	3	30	77	21	10	1	0	0	142
	07:15	0	0	0	0	0	0	0	4	6	45	87	35	5	4	0	0	186
	07:30	0	0	0	0	0	0	1	1	8	49	112	45	7	0	0	0	223
	07:45	0	0	0	0	0	0	0	1	3	47	92	30	14	1	0	0	188
	08:00	1	1	0	0	0	0	0	2	16	45	65	21	12	1	0	0	164
	08:15	1	0	0	0	0	0	0	0	17	45	65	41	8	3	0	0	180
	08:30	0	0	0	0	0	0	0	1	24	65	90	23	5	0	0	0	208
	08:45	0	0	0	0	0	0	0	0	16	62	74	38	4	1	0	0	195
	09:00	0	0	0	1	0	0	0	9	23	55	59	18	4	1	0	0	170
	09:15	0	0	0	0	0	0	0	1	16	44	48	26	1	2	0	0	138
	09:30	0	0	0	0	0	0	0	3	12	73	61	26	4	0	0	0	179
	09:45	0	0	0	0	0	0	1	2	11	52	85	16	6	0	0	0	173
	10:00	0	0	0	0	0	0	0	4	35	54	54	17	1	0	0	0	165
	10:15	0	0	0	0	0	0	0	3	23	51	63	9	4	0	0	0	153
	10:30	0	0	0	0	0	0	0	5	26	76	58	13	2	2	1	0	183
	10:45	0	0	0	0	0	0	0	2	14	48	57	26	5	2	0	0	154
	11:00	0	0	0	0	0	0	0	3	22	52	64	18	4	0	0	0	163
	11:15	0	0	0	0	0	0	0	2	13	47	68	16	4	1	0	0	151
	11:30	0	0	0	0	0	0	0	2	12	54	58	22	6	1	0	0	155
	11:45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	2	0	0	0	0	0	2	1	3	16	9	3	0	0	0	0	36
	14:00	0	0	0	0	0	0	0	1	13	38	56	20	3	3	0	0	134
	14:15	0	0	0	0	0	0	0	0	10	36	56	25	8	2	0	0	137
	14:30	0	0	0	0	0	0	0	9	9	45	60	23	11	2	0	0	159
	14:45	0	0	0	0	0	0	2	5	13	35	64	27	10	3	0	0	159
	15:00	1	0	0	0	0	0	0	2	20	47	69	23	1	1	0	0	164
	15:15	0	0	0	0	0	0	0	4	11	43	54	26	12	3	0	0	153
	15:30	0	0	0	0	0	0	0	1	12	49	55	19	4	1	0	0	141
	15:45	0	0	0	0	0	0	0	0	3	42	71	32	9	3	0	0	160
	16:00	1	0	0	0	0	0	0	3	17	33	71	25	8	3	0	0	161
	16:15	1	0	0	0	0	0	0	3	17	41	63	30	10	2	0	0	167
	16:30	1	0	0	0	0	0	0	3	14	37	55	39	7	0	1	0	157
	16:45	0	0	0	0	0	0	0	2	3	27	70	28	4	2	0	0	136
	17:00	0	0	0	0	0	0	0	1	3	24	54	35	8	4	1	0	130
	17:15	0	0	0	0	0	0	0	0	10	54	65	22	14	0	1	0	166
	17:30	0	0	0	0	0	0	0	4	3	26	70	46	13	1	0	0	163
	17:45	0	0	0	0	0	0	0	1	4	26	61	30	15	3	0	0	140
	18:00	0	0	0	0	0	1	0	0	1	19	54	45	13	5	2	0	140
	18:15	1	0	0	0	0	0	0	0	0	12	42	43	10	3	0	0	111
	18:30	0	0	0	0	0	0	0	0	1	16	46	31	15	6	0	0	115
	18:45	0	0	0	0	0	0	0	0	0	8	37	27	17	5	1	0	95
	19:00	0	0	0	0	0	0	0	0	2	9	37	20	17	3	1	0	89
	19:15	0	0	0	0	0	0	0	0	1	11	33	13	13	3	1	0	75
	19:30	0	0	0	0	0	0	0	0	3	7	27	20	4	2	1	0	64
	19:45	1	1	0	0	0	0	0	1	2	7	28	16	8	3	1	0	68
	20:00	0	0	0	0	0	0	0	0	4	4	28	14	7	1	0	0	58
	20:15	0	0	0	0	0	0	0	1	0	15	28	10	7	2	0	0	63
	20:30	0	0	0	0	0	0	0	0	6	6	23	20	2	0	0	0	57
	20:45	0	1	0	0	0	0	1	1	6	10	16	15	6	4	0	0	60
	21:00	0	0	0	0	0	0	0	0	2	17	31	16	7	0	0	0	73
	21:15	0	0	0	0	1	0	0	0	1	11	34	7	1	1	0	0	56
	21:30	0	0	0	0	0	0	1	0	1	15	27	7	7	0	0	0	58
	21:45	0	0	0	0	0	0	0	0	0	7	23	11	5	1	0	0	47
	22:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	47	0	48
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	40
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	23
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	2	41	0	43
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	30
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	21
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	30
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	18

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		12	3	0	1	1	2	11	93	544	2032	3284	1430	454	115	264	0	8246
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	7%	25%	40%	17%	6%	1%	3%	0%	
Average :		0	0	0	0	0	0	0	1	6	21	34	15	5	1	3	0	93

Speeds - Average: 68.5 50% : 67.2 67% : 69.3 85% : 73.6 10mph Pace: 60.1 - 70.0 (64.5%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	21
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	21
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	19
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	14
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	13
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	0	17
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
	02:15	0	0	0	0	0	0	0	0	0	0	1	0	1	3	14	0	19
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	17
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	15
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	15
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	29	0	30
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	12	0	13
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	18
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	36
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	35
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	28
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	45	0	46
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	0	47
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	0	74
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	3	62	0	65
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	80
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98	0	98
	06:30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	152	0	153
Daily Total :		1	0	0	0	0	0	0	0	0	0	1	0	3	8	910	0	923
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	99%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	86

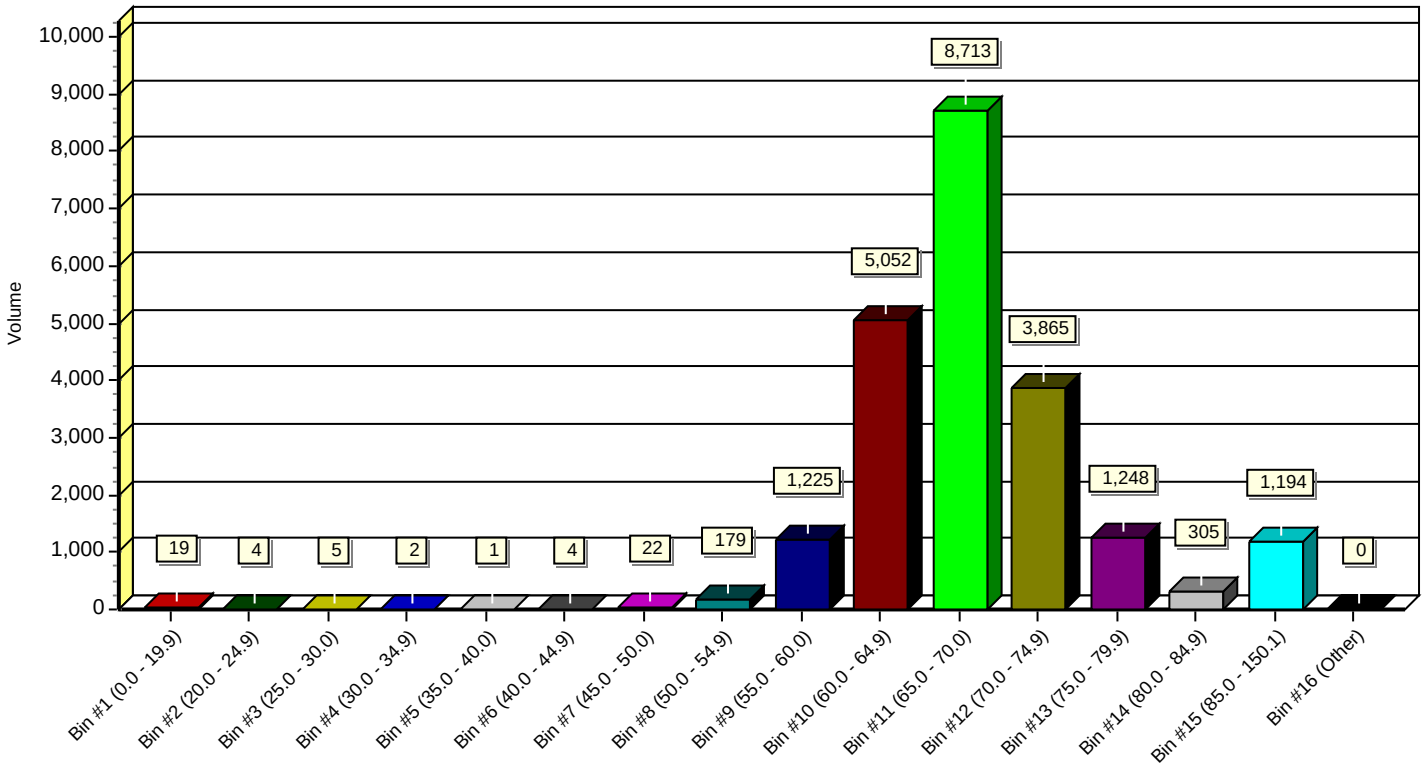
Speeds - Average: 116.9 50% : 117.2 67% : 126.9 85% : 137.3 10mph Pace: 135.9 -145.8 (17.4%)

Basic Speed Class Summary: 2D0310456

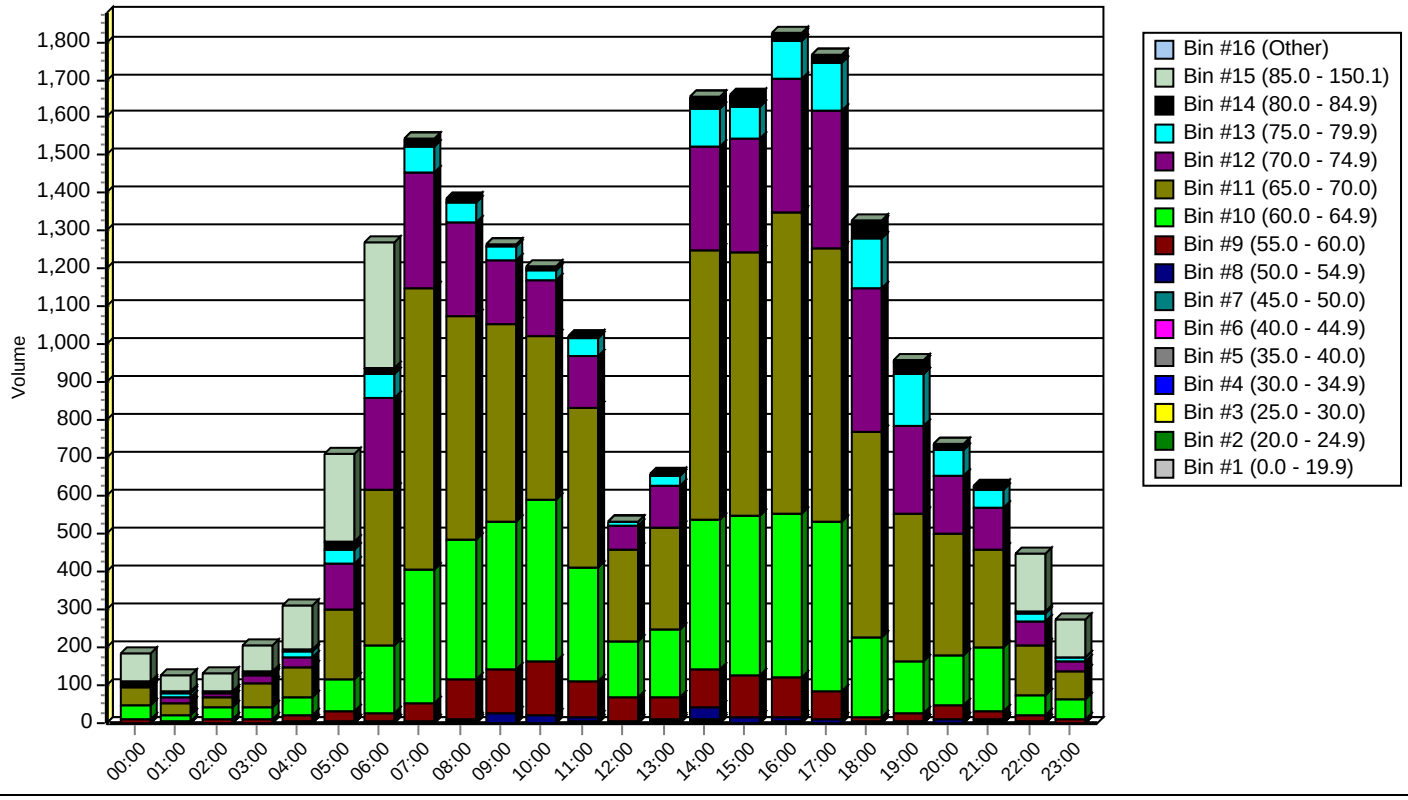
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	19	4	5	2	1	4	22	179	1225	5052	8713	3865	1248	305	1194	0	21838
		19	4	5	2	1	4	22	179	1225	5052	8713	3865	1248	305	1194	0	21838
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	6%	23%	40%	18%	6%	1%	5%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	6%	23%	40%	18%	6%	1%	5%	0%	
Average :	#1.	0	0	0	0	0	0	0	1	5	19	34	15	5	1	5	0	85
		0	0	0	0	0	0	0	1	5	19	34	15	5	1	5	0	85
Days & ADT :	#1.	2.7	8063															
		2.7	8063															
Avg,50,67,85%:	#1.	69.9	67.5	69.7	74.4	60.1	- 70.0	63%										
		69.9	67.5	69.7	74.4	60.1	- 70.0	63%										

2D0310456 Speed Class Charts For Data From: 13:45 - 04/11/2011 To: 06:59 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0310456

Station ID : 2P0310456
Info Line 1 : EB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 2P0310456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14609
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 13:45 - 04/11/2011 To: 06:59 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	13:45	0	17	5	0	0	0	0	0	0	0	0	0	0	0	22
Mon	14:00	0	18	5	0	1	0	0	0	2	0	0	0	0	0	26
	14:15	0	14	10	0	0	0	0	0	1	0	0	0	1	0	26
	14:30	0	14	8	0	0	1	0	0	1	0	0	0	0	0	24
	14:45	1	15	15	0	0	0	0	1	1	0	0	0	1	0	34
	15:00	1	19	7	0	1	0	0	0	0	0	0	0	0	0	28
	15:15	2	22	11	0	0	0	0	0	1	0	0	0	0	0	36
	15:30	0	20	13	0	0	0	0	0	1	0	0	0	0	0	34
	15:45	0	20	18	0	0	1	0	0	2	0	0	0	0	0	41
	16:00	0	16	21	0	0	0	0	0	0	0	0	0	0	0	37
	16:15	0	22	7	0	0	0	0	0	0	0	0	0	0	0	29
	16:30	0	18	10	0	0	0	0	0	1	0	0	0	0	0	29
	16:45	1	14	9	0	0	0	0	1	0	0	0	0	0	0	25
	17:00	0	19	12	0	0	0	0	0	0	0	0	0	0	0	31
	17:15	0	20	15	0	0	0	0	1	0	0	0	0	0	0	36
	17:30	0	27	15	0	0	0	0	0	0	0	0	0	0	0	42
	17:45	2	20	11	0	0	0	0	0	1	0	0	0	0	0	34
	18:00	0	8	9	0	0	0	0	0	0	0	0	0	0	0	17
	18:15	0	13	6	0	0	0	0	0	0	0	0	0	0	0	19
	18:30	0	14	7	0	0	0	0	0	0	0	0	0	0	0	21
	18:45	0	7	5	2	0	0	0	0	0	0	0	0	0	0	14
	19:00	0	12	3	0	0	1	0	0	1	0	0	0	0	0	17
	19:15	0	5	7	0	0	0	0	0	0	0	0	0	0	0	12
	19:30	0	7	4	0	0	0	0	0	2	0	0	0	1	0	14
	19:45	0	8	3	0	0	0	0	0	0	0	0	0	0	0	11
	20:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	20:15	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
	20:30	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	20:45	0	5	3	1	0	0	0	0	0	0	0	0	0	0	9
	21:00	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	21:15	0	8	3	0	0	0	0	0	1	0	0	0	0	0	12
	21:30	0	6	0	0	0	0	0	0	1	0	0	0	0	0	7
	21:45	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	22:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
Mon	22:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	23:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		8	442	253	3	2	3	0	3	16	0	0	0	3	0	733
	Percent :	1%	60%	35%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	
	Average :	0	11	6	0	0	0	0	0	0	0	0	0	0	0	17

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	03:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	04:30	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	04:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	4	0	0	0	0	0	0	1	0	0	0	0	0	5
	05:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:30	0	8	2	0	0	0	0	0	0	0	0	0	1	0	11
	05:45	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	06:00	0	7	2	0	0	0	0	0	1	0	0	0	0	0	10
	06:15	0	18	6	0	0	0	0	0	0	0	0	0	0	0	24
	06:30	0	45	18	0	0	0	0	0	0	0	0	0	0	0	63
	06:45	0	58	13	0	0	0	0	0	1	0	0	0	0	0	72
	07:00	0	50	19	0	0	0	0	0	1	0	0	0	0	1	71
	07:15	0	51	20	0	0	0	0	0	0	0	0	0	0	1	72
	07:30	0	81	30	0	0	0	0	0	0	0	0	0	0	0	111
	07:45	1	104	26	0	0	0	0	0	3	0	0	0	0	0	134
	08:00	0	43	19	0	0	0	0	0	0	0	0	0	0	0	62
	08:15	0	72	17	0	0	0	0	0	0	0	0	0	0	0	89
	08:30	0	42	15	0	1	0	0	0	1	0	0	0	0	0	59
	08:45	0	32	20	0	0	0	0	0	0	0	0	0	0	0	52
	09:00	0	23	14	0	2	0	0	0	0	0	0	0	0	0	39
	09:15	0	24	13	0	0	0	0	0	1	0	0	0	0	0	38
	09:30	0	28	11	0	0	0	0	1	0	1	0	0	0	0	41
	09:45	0	29	12	1	1	0	0	1	2	0	0	0	0	0	46
	10:00	0	25	18	0	0	0	0	0	1	0	0	0	1	0	45
	10:15	0	36	8	0	0	1	0	0	2	0	0	0	0	0	47
	10:30	0	29	19	0	1	1	0	0	1	0	0	0	0	0	51
	10:45	0	22	19	0	0	0	0	0	0	0	0	0	0	0	41
	11:00	0	28	10	0	0	0	0	1	1	0	0	0	0	0	40
	11:15	1	21	24	0	1	0	0	0	1	0	0	0	1	0	49
	11:30	0	19	9	0	0	0	0	0	1	0	0	0	0	0	29
	11:45	0	22	13	0	0	0	0	0	1	0	0	0	1	0	37
	12:00	0	16	15	0	0	0	0	0	1	0	0	0	1	0	33
	12:15	0	21	9	0	0	0	0	0	1	0	0	0	0	0	31

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	14	26	0	0	0	0	0	2	0	0	0	0	0	42
Tue	12:45	0	25	20	0	1	1	0	0	6	0	0	0	0	1	54
	13:00	0	16	7	0	0	0	0	0	0	0	0	0	1	0	24
	13:15	0	16	12	0	1	0	0	0	0	1	0	0	1	0	31
	13:30	0	17	13	0	0	0	0	0	1	0	0	0	0	0	31
	13:45	0	19	23	0	0	0	0	0	2	0	0	0	1	0	45
	14:00	0	16	8	1	0	0	0	1	3	1	0	0	1	0	31
	14:15	0	26	7	0	0	0	0	0	3	0	0	0	2	0	38
	14:30	0	23	13	1	0	0	0	1	3	0	0	0	0	0	41
	14:45	0	33	25	0	0	1	0	0	1	0	0	0	1	0	61
	15:00	0	23	15	0	0	0	0	0	2	0	0	0	0	0	40
	15:15	0	20	14	0	0	0	0	1	0	0	0	0	0	0	35
	15:30	0	23	14	0	0	0	0	0	1	0	0	0	0	0	38
	15:45	0	29	17	0	0	0	0	1	1	0	0	0	0	0	48
	16:00	0	30	15	0	0	0	0	0	1	0	0	0	1	0	47
	16:15	0	24	12	0	0	0	0	0	3	0	0	0	0	0	39
	16:30	0	28	16	0	0	0	0	0	1	0	0	0	1	0	46
	16:45	0	23	18	0	0	1	0	0	0	0	0	0	0	0	42
	17:00	0	28	12	0	0	0	0	0	0	0	0	0	0	0	40
	17:15	0	24	8	0	0	0	0	0	0	0	0	0	0	0	32
	17:30	0	40	15	0	0	1	0	0	0	0	0	0	0	0	56
	17:45	0	24	9	0	1	0	0	2	1	0	0	0	0	1	38
	18:00	0	11	4	0	0	0	0	0	2	0	0	0	0	0	17
	18:15	0	10	10	0	0	0	0	0	0	0	0	0	0	0	20
	18:30	0	25	9	0	0	0	0	0	1	0	0	0	0	0	35
	18:45	0	13	3	0	0	0	0	0	0	0	0	0	0	0	16
	19:00	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	19:15	0	11	5	0	0	0	0	0	0	0	0	0	1	0	17
	19:30	0	6	7	0	0	0	0	0	0	0	0	0	0	0	13
	19:45	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	20:00	0	5	5	0	0	0	0	0	0	0	0	0	0	0	10
	20:15	0	6	3	0	0	0	0	0	1	0	0	0	0	0	10
	20:30	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	20:45	0	2	5	0	0	0	0	0	0	0	0	0	0	0	7
	21:00	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	21:15	1	3	1	0	0	0	0	0	1	0	0	0	0	0	6
	21:30	0	4	4	0	0	0	0	0	0	0	0	0	1	0	9
	21:45	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	22:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	22:15	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
	22:30	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	22:45	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		3	1652	810	4	9	6	0	9	59	3	0	0	16	4	2575
Percent :		0%	64%	31%	0%	0%	0%	0%	0%	2%	0%	0%	0%	1%	0%	
Average :		0	17	8	0	0	0	0	0	1	0	0	0	0	0	26

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	03:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	04:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	05:30	0	6	9	0	0	0	0	0	0	0	0	0	0	0	15
	05:45	1	8	1	0	0	0	0	0	0	0	0	0	0	0	10
	06:00	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
	06:15	0	15	4	0	0	0	0	0	0	0	0	0	0	0	19
	06:30	0	49	19	0	0	0	0	0	0	0	0	0	0	1	69
	06:45	0	48	13	0	0	0	0	0	1	0	0	0	0	0	62
	07:00	0	45	18	0	0	0	0	0	1	0	0	0	0	0	64
	07:15	0	64	24	1	0	0	0	0	4	0	0	0	0	0	93
	07:30	0	78	27	0	0	1	0	0	2	0	0	0	1	0	109
	07:45	0	74	24	0	0	0	0	0	0	0	0	0	0	1	99
	08:00	0	45	23	0	1	1	0	0	1	0	0	0	0	0	71
	08:15	0	26	8	0	0	0	0	0	2	0	0	0	1	0	37
	08:30	0	35	8	0	0	0	0	0	0	0	0	0	0	1	44
	08:45	0	35	9	0	0	0	0	0	0	1	0	0	0	1	46
	09:00	0	29	9	0	0	1	0	0	1	0	0	0	1	0	41
	09:15	0	24	10	0	0	0	0	0	1	0	0	0	2	0	37
	09:30	0	30	11	0	0	1	0	0	1	0	0	0	1	0	44
	09:45	0	26	11	0	0	0	0	0	1	0	0	0	0	1	39
	10:00	0	20	16	0	0	0	0	1	2	0	0	0	0	0	39
	10:15	0	18	15	0	0	0	0	0	0	1	0	0	0	0	34
	10:30	0	29	14	0	0	0	0	0	0	0	0	0	0	1	44
	10:45	0	23	12	0	0	0	0	1	1	0	0	0	0	0	37
	11:00	0	19	9	0	0	0	0	0	1	0	0	0	0	0	29
	11:15	0	13	13	0	0	0	0	1	2	0	0	0	0	0	29
	11:30	1	21	9	0	0	0	0	0	0	0	0	0	0	1	32
	11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	14:00	0	14	3	0	0	0	0	1	1	0	0	0	0	0	19
	14:15	0	14	7	0	0	0	0	0	2	0	0	0	0	0	23
	14:30	0	18	12	0	0	0	0	0	0	0	0	0	0	0	30
	14:45	0	24	18	0	0	0	0	0	3	0	0	0	0	0	45
	15:00	0	17	12	0	0	0	0	2	1	0	0	0	0	0	32
	15:15	0	18	15	0	0	0	0	0	1	0	0	0	0	0	34
	15:30	0	17	6	0	0	0	0	0	1	0	0	0	0	0	24
	15:45	0	14	11	0	0	0	0	0	4	0	0	0	0	0	29
	16:00	0	19	21	0	0	1	0	0	0	0	0	0	1	0	42
	16:15	0	34	25	1	1	0	0	0	2	0	0	0	0	0	63
	16:30	0	18	19	0	0	0	0	1	2	1	0	0	0	0	41
	16:45	0	21	9	0	0	0	0	1	2	0	0	0	0	0	33
	17:00	0	21	6	0	0	0	0	0	0	0	0	0	0	0	27
	17:15	0	24	15	0	0	0	0	1	0	0	0	0	1	0	41
	17:30	0	26	19	0	0	0	0	0	1	0	0	0	0	0	46
	17:45	0	31	10	0	0	0	0	0	6	0	0	0	0	0	47
	18:00	0	14	11	0	0	0	0	0	1	0	0	0	1	0	27
	18:15	0	11	12	0	1	0	0	0	1	0	0	0	0	0	25
	18:30	0	18	12	1	0	0	0	0	2	0	0	0	0	0	33
	18:45	0	4	17	0	0	0	0	0	0	0	0	0	1	0	22
	19:00	0	6	3	0	0	0	0	0	1	0	0	0	0	0	10
	19:15	0	7	3	0	0	0	0	0	1	0	0	0	0	0	11
	19:30	0	4	4	0	0	0	0	0	1	0	0	0	0	0	9
	19:45	0	12	2	0	0	0	0	0	3	0	0	0	0	0	17
	20:00	1	6	2	0	0	0	0	0	0	0	0	0	0	0	9
	20:15	0	5	2	1	0	0	0	0	1	1	0	0	0	0	10
	20:30	0	3	0	0	0	0	0	0	1	1	0	0	0	0	5
	20:45	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	21:00	2	6	3	0	0	0	0	0	1	0	0	0	0	0	12
	21:15	0	4	1	0	0	0	0	0	1	0	0	0	0	0	6
	21:30	0	5	2	0	0	0	0	0	1	0	0	0	0	0	8
	21:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	22:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	22:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:30	0	0	3	0	1	0	0	0	1	0	0	0	0	0	5
	22:45	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		5	1250	633	4	4	5	0	9	67	5	0	0	10	7	1999
	Percent :	0%	63%	32%	0%	0%	0%	0%	0%	3%	0%	0%	0%	1%	0%	
	Average :	0	13	7	0	0	0	0	0	1	0	0	0	0	0	21

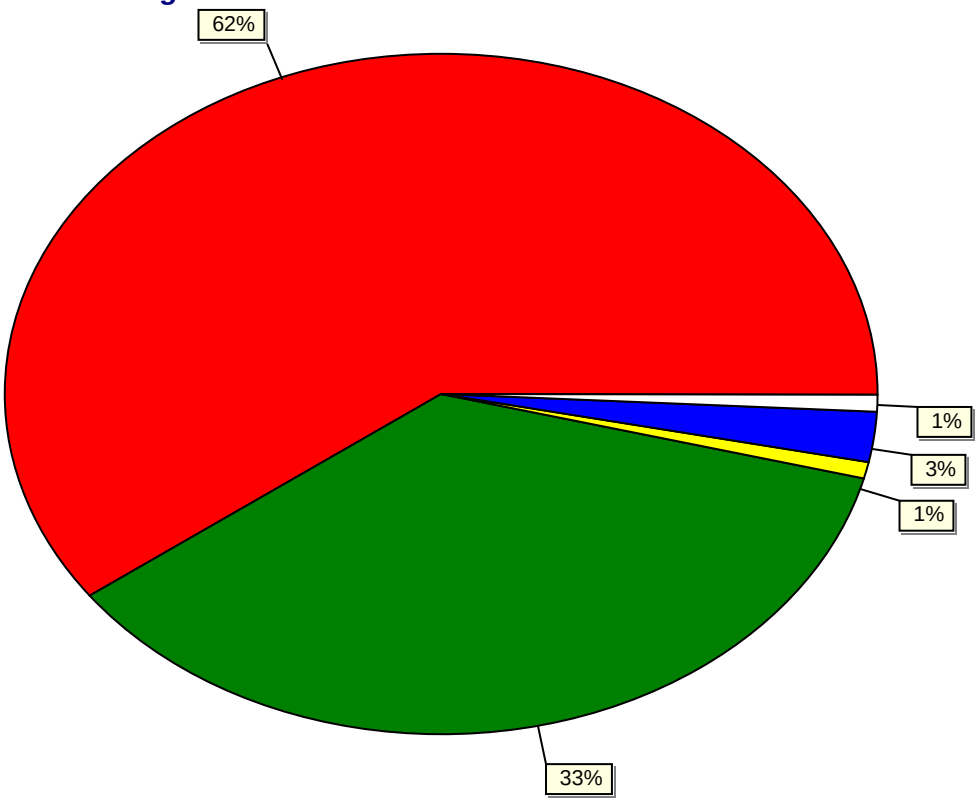
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	02:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	03:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	0	3	0	0	0	0	0	0	0	0	0	0	1	4
	03:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	04:45	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	05:00	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	05:15	0	0	6	0	0	0	0	0	1	0	0	0	0	0	7
	05:30	0	2	13	0	2	0	0	0	0	0	0	0	0	0	17
	05:45	1	1	12	0	2	0	0	0	0	0	0	0	0	0	16
	06:00	0	1	7	0	1	0	0	1	0	0	0	0	0	0	10
	06:15	0	3	23	0	1	0	0	0	0	0	0	0	0	0	27
	06:30	0	8	39	0	7	0	0	1	0	0	0	0	0	0	55
Daily Total :		1	18	119	0	14	0	0	2	2	0	0	0	1	1	158
	Percent :	1%	11%	75%	0%	9%	0%	0%	1%	1%	0%	0%	0%	1%	1%	
	Average :	0	1	4	0	1	0	0	0	0	0	0	0	0	0	6

Basic Axle Class Summary: 2P0310456

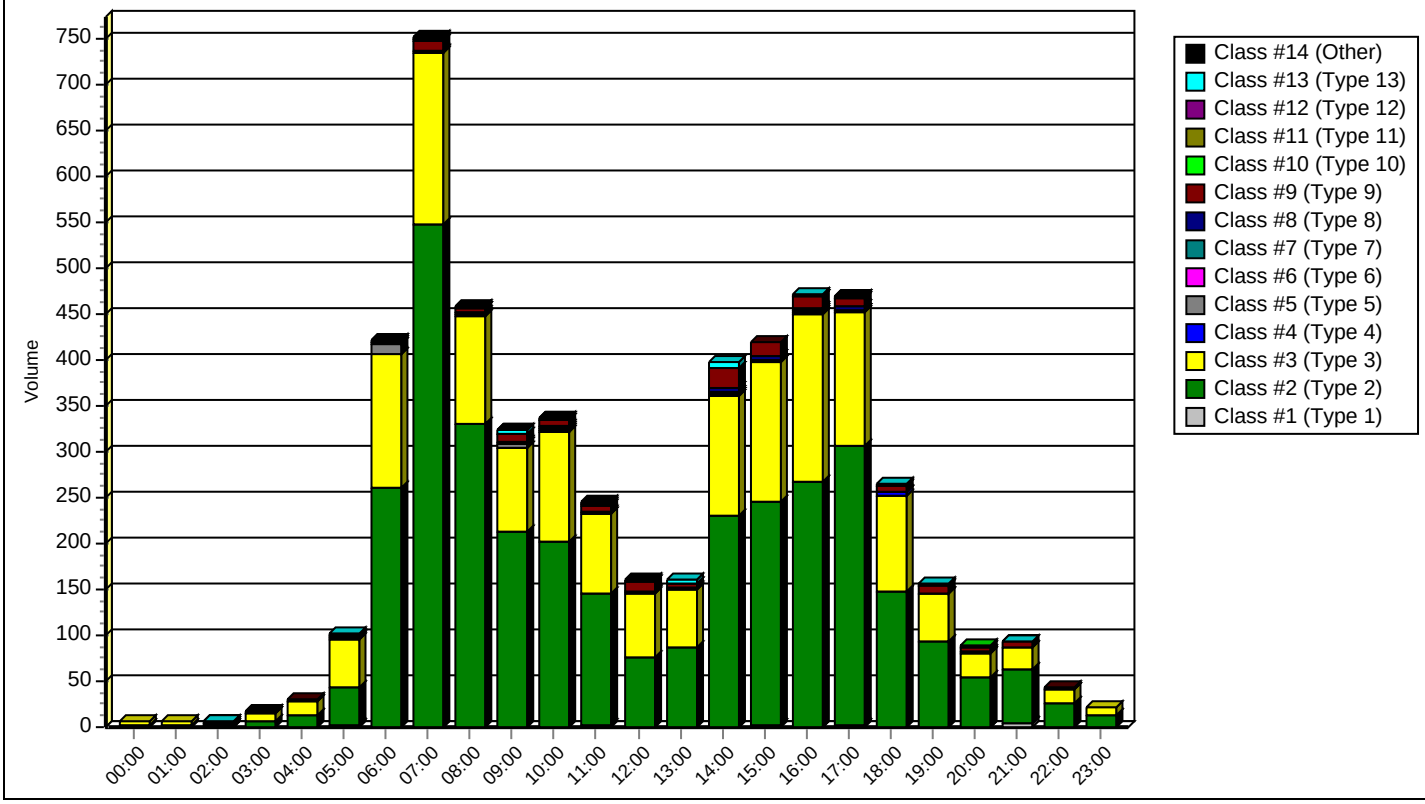
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	17	3362	1815	11	29	14	0	23	144	8	0	0	30	12	5465
		17	3362	1815	11	29	14	0	23	144	8	0	0	30	12	5465
Percents :	#1.	0%	62%	33%	0%	1%	0%	0%	0%	3%	0%	0%	0%	1%	0%	100%
		0%	62%	33%	0%	1%	0%	0%	0%	3%	0%	0%	0%	1%	0%	
Average :	#1.	0	13	7	0	0	0	0	0	1	0	0	0	0	0	21
		0	13	7	0	0	0	0	0	1	0	0	0	0	0	21
Days & ADT :	#1.	2.7	2017													
		2.7	2017													

2P0310456 Axle Class Charts For Data From: 13:45 - 04/11/2011 To: 06:59 - 04/14/2011

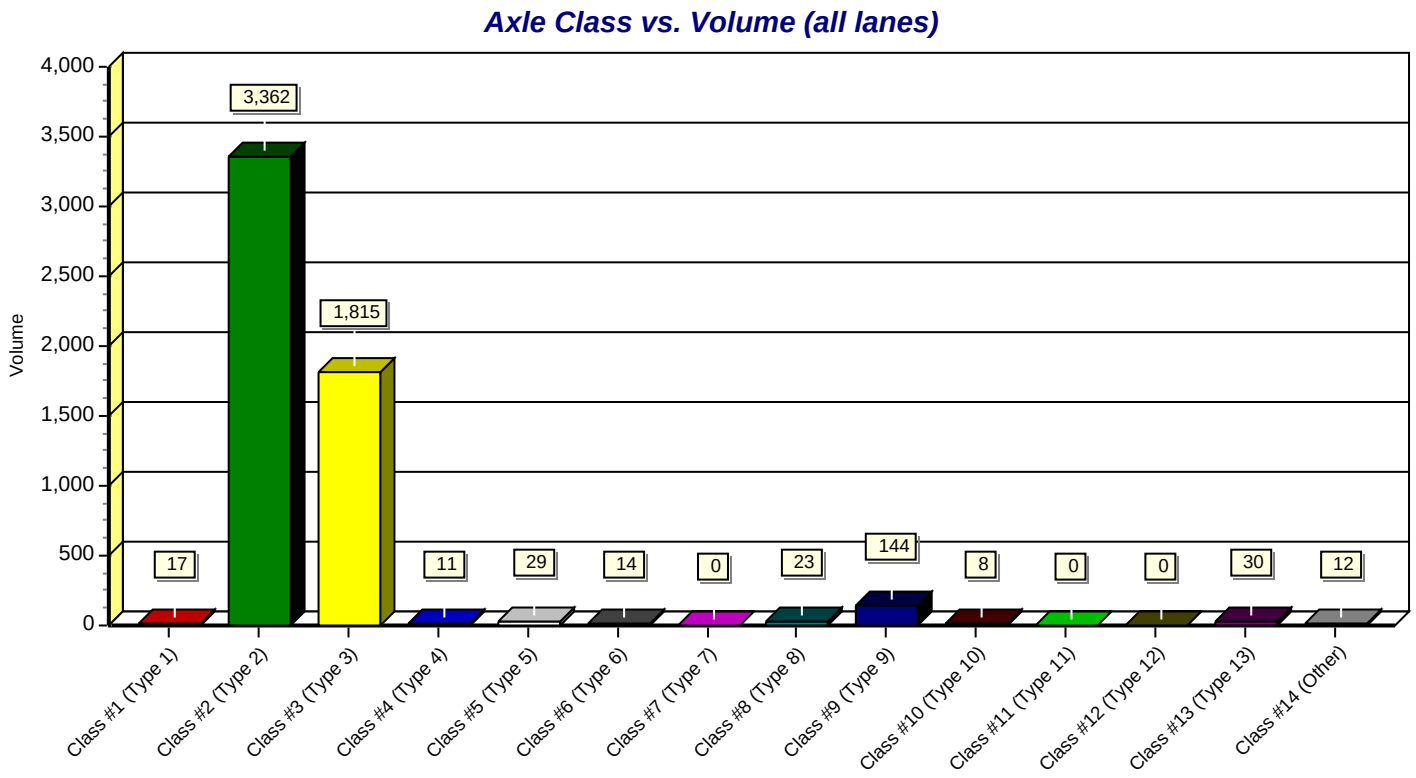
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0310456 Axle Class Charts For Data From: 13:45 - 04/11/2011 To: 06:59 - 04/14/2011



Basic Speed Classification Report: 2P0310456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 13:45 - 04/11/2011 To: 06:59 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	13:45	0	0	0	0	0	0	0	0	0	1	5	9	6	1	0	0	22
Mon	14:00	0	0	0	0	0	0	0	0	0	4	8	11	3	0	0	0	26
	14:15	0	0	0	0	0	0	0	0	0	1	8	9	8	0	0	0	26
	14:30	0	0	0	0	0	0	0	0	0	1	5	10	4	4	0	0	24
	14:45	0	0	0	0	0	0	0	0	0	6	11	11	5	1	0	0	34
	15:00	0	0	0	0	0	0	0	0	0	2	7	12	7	0	0	0	28
	15:15	0	0	0	0	0	0	0	0	0	2	6	19	7	1	1	0	36
	15:30	0	0	0	0	0	0	0	0	1	2	11	14	4	2	0	0	34
	15:45	0	0	0	0	0	0	0	0	0	2	15	16	7	1	0	0	41
	16:00	0	0	0	0	0	0	0	0	0	4	19	8	6	0	0	0	37
	16:15	0	0	0	0	0	0	0	0	0	0	9	14	4	1	1	0	29
	16:30	0	0	0	0	0	0	0	0	0	0	15	9	5	0	0	0	29
	16:45	0	0	0	0	0	0	0	0	1	2	10	9	2	1	0	0	25
	17:00	0	0	0	0	0	0	0	0	0	3	12	10	5	1	0	0	31
	17:15	0	0	0	0	0	0	0	0	0	2	12	16	6	0	0	0	36
	17:30	0	0	0	0	0	0	0	0	0	2	16	10	13	1	0	0	42
	17:45	1	0	0	0	0	0	0	0	0	1	12	13	5	2	0	0	34
	18:00	0	0	0	0	0	0	0	0	0	0	4	11	1	1	0	0	17
	18:15	0	0	0	0	0	0	0	0	0	1	8	4	4	2	0	0	19
	18:30	0	0	0	0	0	0	0	0	0	2	10	5	3	1	0	0	21
	18:45	0	0	0	0	0	0	0	0	0	3	7	3	1	0	0	0	14
	19:00	0	0	0	0	0	0	0	0	0	2	4	5	5	1	0	0	17
	19:15	0	0	0	0	0	0	0	0	0	0	4	6	2	0	0	0	12
	19:30	0	0	0	0	0	0	0	0	0	1	6	3	3	0	1	0	14
	19:45	0	0	0	0	0	0	0	0	0	1	3	4	3	0	0	0	11
	20:00	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	20:15	0	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	6
	20:30	0	0	0	0	0	0	0	0	0	1	1	0	5	0	0	0	7
	20:45	0	0	0	0	0	0	0	0	0	1	7	1	0	0	0	0	9
	21:00	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	6
	21:15	0	0	0	0	0	0	0	0	0	2	5	3	2	0	0	0	12
	21:30	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	7
	21:45	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	3
	22:15	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	22:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
	23:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	5

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
4/11/201	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Daily Total :		1	0	0	0	0	0	0	0	2	55	263	256	132	21	3	0	733
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	36%	35%	18%	3%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	6	6	3	1	0	0	21

Speeds - Average: 71.1 50% : 71.0 67% : 73.3 85% : 76.9 10mph Pace: 65.0 - 74.9 (70.8%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	03:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	5
	04:45	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	5
	05:15	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	0	4	5	2	0	0	0	11
	05:45	0	0	0	0	0	0	0	0	0	0	1	2	3	1	0	0	7
	06:00	0	0	0	0	0	0	0	0	0	0	8	0	1	1	0	0	10
	06:15	0	0	0	0	0	0	0	0	1	2	9	10	2	0	0	0	24
	06:30	0	0	0	0	0	0	0	0	0	2	29	18	11	3	0	0	63
	06:45	0	0	0	0	0	0	0	0	0	3	26	29	10	3	1	0	72
	07:00	0	0	0	0	0	0	0	0	0	2	30	35	4	0	0	0	71
	07:15	0	0	0	0	0	0	0	0	0	3	39	25	5	0	0	0	72
	07:30	0	0	0	0	0	0	0	0	1	3	44	51	9	3	0	0	111
	07:45	0	0	0	0	0	0	0	0	0	5	66	55	8	0	0	0	134
	08:00	0	0	0	0	0	0	0	0	0	9	20	24	8	1	0	0	62
	08:15	0	0	0	0	0	0	0	0	0	8	42	32	7	0	0	0	89
	08:30	0	0	0	0	0	0	0	0	0	7	22	23	7	0	0	0	59
	08:45	0	0	0	0	0	0	0	0	0	8	22	16	6	0	0	0	52
	09:00	0	0	0	0	0	0	0	0	0	6	22	10	1	0	0	0	39
	09:15	0	0	0	0	0	0	0	0	0	6	22	8	2	0	0	0	38
	09:30	0	0	0	0	0	0	0	0	0	1	20	18	2	0	0	0	41
	09:45	0	0	0	0	0	0	0	0	0	4	26	12	3	1	0	0	46
	10:00	0	0	0	0	0	0	0	0	0	4	27	13	1	0	0	0	45
	10:15	0	0	0	0	0	0	0	0	1	6	24	14	1	1	0	0	47
	10:30	0	0	0	0	0	0	0	0	1	8	28	12	2	0	0	0	51
	10:45	0	0	0	0	0	0	0	0	0	5	18	15	3	0	0	0	41
	11:00	0	0	0	0	0	0	0	0	1	3	22	10	4	0	0	0	40
	11:15	0	0	0	0	0	0	0	0	0	5	24	13	5	1	1	0	49
	11:30	0	0	0	0	0	0	0	0	0	5	12	12	0	0	0	0	29
	11:45	0	0	0	0	0	0	0	0	0	6	18	10	3	0	0	0	37
	12:00	0	0	0	0	0	0	0	0	0	6	13	13	1	0	0	0	33
	12:15	0	0	0	0	0	0	0	0	1	2	16	12	0	0	0	0	31

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	1	0	6	18	12	5	0	0	0	42
Tue	12:45	0	0	0	0	0	0	0	1	1	11	31	8	2	0	0	0	54
	13:00	0	0	0	0	0	0	0	0	1	4	9	7	2	1	0	0	24
	13:15	0	0	0	0	0	0	0	0	1	5	16	4	5	0	0	0	31
	13:30	0	0	0	0	0	0	0	0	0	3	11	15	2	0	0	0	31
	13:45	0	0	0	0	0	0	0	0	1	11	17	14	2	0	0	0	45
	14:00	0	0	0	0	0	0	0	0	1	8	14	6	2	0	0	0	31
	14:15	0	0	0	0	0	0	0	0	1	4	19	12	1	1	0	0	38
	14:30	0	0	0	0	0	0	0	0	0	8	17	13	3	0	0	0	41
	14:45	0	0	0	0	0	0	0	0	0	12	30	18	1	0	0	0	61
	15:00	0	0	0	0	0	0	0	0	0	6	21	10	3	0	0	0	40
	15:15	0	0	0	0	0	0	0	0	0	10	14	10	1	0	0	0	35
	15:30	0	0	0	0	0	0	0	0	0	11	12	14	1	0	0	0	38
	15:45	0	0	0	0	0	0	0	0	0	8	17	18	4	1	0	0	48
	16:00	0	0	0	0	0	0	0	0	0	9	25	13	0	0	0	0	47
	16:15	0	0	0	0	0	0	0	0	0	6	23	7	2	1	0	0	39
	16:30	0	0	0	0	0	0	0	0	0	3	25	16	2	0	0	0	46
	16:45	0	0	0	0	0	0	0	0	0	5	15	18	4	0	0	0	42
	17:00	1	0	0	0	0	0	0	0	0	2	19	15	3	0	0	0	40
	17:15	0	0	0	0	0	0	0	0	0	5	12	11	3	1	0	0	32
	17:30	0	0	0	0	0	0	0	0	0	4	29	17	4	2	0	0	56
	17:45	0	0	0	0	0	0	0	0	0	2	23	7	4	2	0	0	38
	18:00	0	0	0	0	0	0	0	0	0	4	9	2	2	0	0	0	17
	18:15	0	0	0	0	0	0	0	0	1	3	5	6	5	0	0	0	20
	18:30	0	0	0	0	0	0	0	0	0	2	11	11	9	2	0	0	35
	18:45	0	0	0	0	0	0	0	0	0	0	5	8	2	1	0	0	16
	19:00	0	0	0	0	0	0	0	0	0	1	6	5	1	0	0	0	13
	19:15	0	0	0	0	0	0	0	0	0	1	4	7	4	1	0	0	17
	19:30	0	0	0	0	0	0	0	0	0	0	7	5	1	0	0	0	13
	19:45	0	0	0	0	0	0	0	0	0	1	1	8	3	0	0	0	13
	20:00	0	0	0	0	0	0	0	0	0	0	4	5	1	0	0	0	10
	20:15	0	0	0	0	0	0	0	0	0	0	5	4	1	0	0	0	10
	20:30	0	0	0	0	0	0	0	0	0	1	2	3	0	0	0	0	6
	20:45	0	0	0	0	0	0	0	0	0	1	1	3	2	0	0	0	7
	21:00	0	0	0	0	0	0	0	0	0	1	4	4	1	0	0	0	10
	21:15	0	0	0	0	0	0	0	0	0	1	2	2	0	1	0	0	6
	21:30	0	0	0	0	0	0	0	0	0	4	2	2	1	0	0	0	9
	21:45	0	0	0	0	0	0	0	0	0	2	4	1	2	0	0	0	9
	22:00	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	22:15	0	0	0	0	0	0	0	0	0	1	5	2	1	0	0	0	9
	22:30	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	0	6
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	0	0	0	0	0	2	14	295	1172	849	211	29	2	0	2575
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	11%	46%	33%	8%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	3	12	9	2	0	0	0	17

Speeds - Average: 69.5 50% : 69.2 67% : 71.5 85% : 74.1 10mph Pace: 65.0 - 74.9 (78.5%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	4
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	4
	04:45	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	3	0	3	1	0	0	0	7
	05:30	0	0	0	0	0	0	0	0	0	1	3	7	2	1	1	0	15
	05:45	0	0	0	0	0	0	0	0	0	0	4	2	4	0	0	0	10
	06:00	0	0	0	0	0	0	0	0	0	1	5	5	1	0	0	0	12
	06:15	0	0	0	0	0	0	0	0	0	1	9	1	8	0	0	0	19
	06:30	0	0	0	0	0	0	0	0	0	2	28	26	8	5	0	0	69
	06:45	0	0	0	0	0	0	0	0	0	0	18	30	14	0	0	0	62
	07:00	0	0	0	0	0	0	0	0	0	1	26	31	5	1	0	0	64
	07:15	0	0	0	0	0	0	0	0	0	19	34	29	10	1	0	0	93
	07:30	0	0	0	0	0	0	0	0	0	2	55	40	12	0	0	0	109
	07:45	0	0	0	0	0	0	0	0	0	4	46	35	11	3	0	0	99
	08:00	0	0	0	0	0	0	0	0	5	15	30	16	4	0	1	0	71
	08:15	0	0	0	0	0	0	0	0	1	5	16	9	5	1	0	0	37
	08:30	0	0	0	0	0	0	0	0	1	4	24	14	1	0	0	0	44
	08:45	0	0	0	0	0	0	0	0	0	3	18	21	4	0	0	0	46
	09:00	0	0	0	0	0	0	0	0	2	9	13	17	0	0	0	0	41
	09:15	0	0	0	0	0	0	0	0	2	7	12	13	3	0	0	0	37
	09:30	0	0	0	0	0	0	1	0	0	6	17	16	4	0	0	0	44
	09:45	0	0	0	0	0	0	1	0	0	7	15	13	3	0	0	0	39
	10:00	0	0	0	0	0	0	1	0	0	10	14	12	2	0	0	0	39
	10:15	0	0	0	0	0	0	0	0	1	11	10	7	5	0	0	0	34
	10:30	1	0	0	0	0	0	0	0	3	9	20	9	2	0	0	0	44
	10:45	0	0	0	0	0	0	0	0	0	3	15	15	4	0	0	0	37
	11:00	0	0	0	0	0	0	0	0	0	3	14	6	5	1	0	0	29
	11:15	0	0	0	0	0	0	0	0	0	5	10	10	3	1	0	0	29
	11:30	0	0	0	0	0	0	0	0	0	10	12	7	2	1	0	0	32
	11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	7
	14:00	0	0	0	0	0	0	0	0	1	0	9	6	3	0	0	0	19
	14:15	0	0	0	0	0	0	0	0	0	2	9	9	3	0	0	0	23
	14:30	0	0	0	0	0	0	0	0	0	2	10	12	4	2	0	0	30
	14:45	0	0	0	0	0	0	0	0	0	3	13	23	5	1	0	0	45
	15:00	0	0	0	0	0	0	0	0	0	1	18	9	3	1	0	0	32
	15:15	0	0	0	0	0	0	0	0	1	3	10	13	5	2	0	0	34
	15:30	0	0	0	0	0	0	0	0	1	3	11	6	3	0	0	0	24
	15:45	0	0	0	0	0	0	0	0	0	3	12	9	4	1	0	0	29
	16:00	0	0	0	0	0	0	0	0	5	9	14	12	1	1	0	0	42
	16:15	0	0	0	0	0	0	0	0	3	3	24	25	5	3	0	0	63
	16:30	0	0	0	0	0	0	0	0	0	2	26	8	4	1	0	0	41
	16:45	0	0	0	0	0	0	0	0	1	6	15	10	0	1	0	0	33
	17:00	0	0	0	0	0	0	0	0	0	0	10	8	7	2	0	0	27
	17:15	0	0	0	0	0	0	0	0	1	0	20	14	6	0	0	0	41
	17:30	0	0	0	0	0	0	0	0	0	1	19	18	7	1	0	0	46
	17:45	0	0	0	0	0	0	0	0	0	2	20	20	4	1	0	0	47
	18:00	0	0	0	0	0	0	0	0	0	0	7	15	4	1	0	0	27
	18:15	0	0	0	0	0	0	0	0	0	0	6	11	8	0	0	0	25
	18:30	0	0	0	0	0	0	0	0	0	0	11	14	7	1	0	0	33
	18:45	0	0	0	0	0	0	0	0	0	0	3	13	5	1	0	0	22
	19:00	0	0	0	0	0	0	0	0	0	0	3	4	2	1	0	0	10
	19:15	0	0	0	0	0	0	0	0	0	0	1	4	5	1	0	0	11
	19:30	0	0	0	0	0	0	0	0	0	0	2	4	3	0	0	0	9
	19:45	0	0	0	0	0	0	0	0	0	2	5	6	1	2	1	0	17
	20:00	0	0	0	0	0	0	0	0	0	1	5	1	2	0	0	0	9
	20:15	0	0	0	0	0	0	0	0	1	1	5	3	0	0	0	0	10
	20:30	0	0	0	0	0	0	0	0	0	1	2	1	0	1	0	0	5
	20:45	0	0	0	0	0	0	0	0	0	3	1	3	0	0	0	0	7
	21:00	0	0	0	0	0	0	0	0	1	1	5	5	0	0	0	0	12
	21:15	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	0	6
	21:30	0	0	0	0	0	0	0	0	0	4	2	2	0	0	0	0	8
	21:45	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	5
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	22:30	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	0	5
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	4
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	0	0	0	0	3	1	32	204	777	695	232	45	9	0	1999
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	2%	10%	39%	35%	12%	2%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	2	8	7	2	0	0	0	26

Speeds - Average: 70.2 50% : 69.9 67% : 72.4 85% : 74.9 10mph Pace: 65.0 - 74.9 (73.6%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	4
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
	04:45	0	0	0	0	0	0	0	0	0	0	1	0	0	3	2	0	6
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
	05:15	0	0	0	0	0	0	0	0	0	0	0	1	0	1	5	0	7
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	3	6	8	0	17
	05:45	1	0	0	0	0	0	0	0	0	0	1	1	3	3	7	0	16
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	5	3	2	0	10
	06:15	0	0	0	0	0	0	0	0	0	0	0	1	8	8	10	0	27
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	13	21	21	0	55
Daily Total :		1	0	0	0	0	0	0	0	0	0	2	4	35	52	64	0	158
Percent :		1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	22%	33%	41%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	19

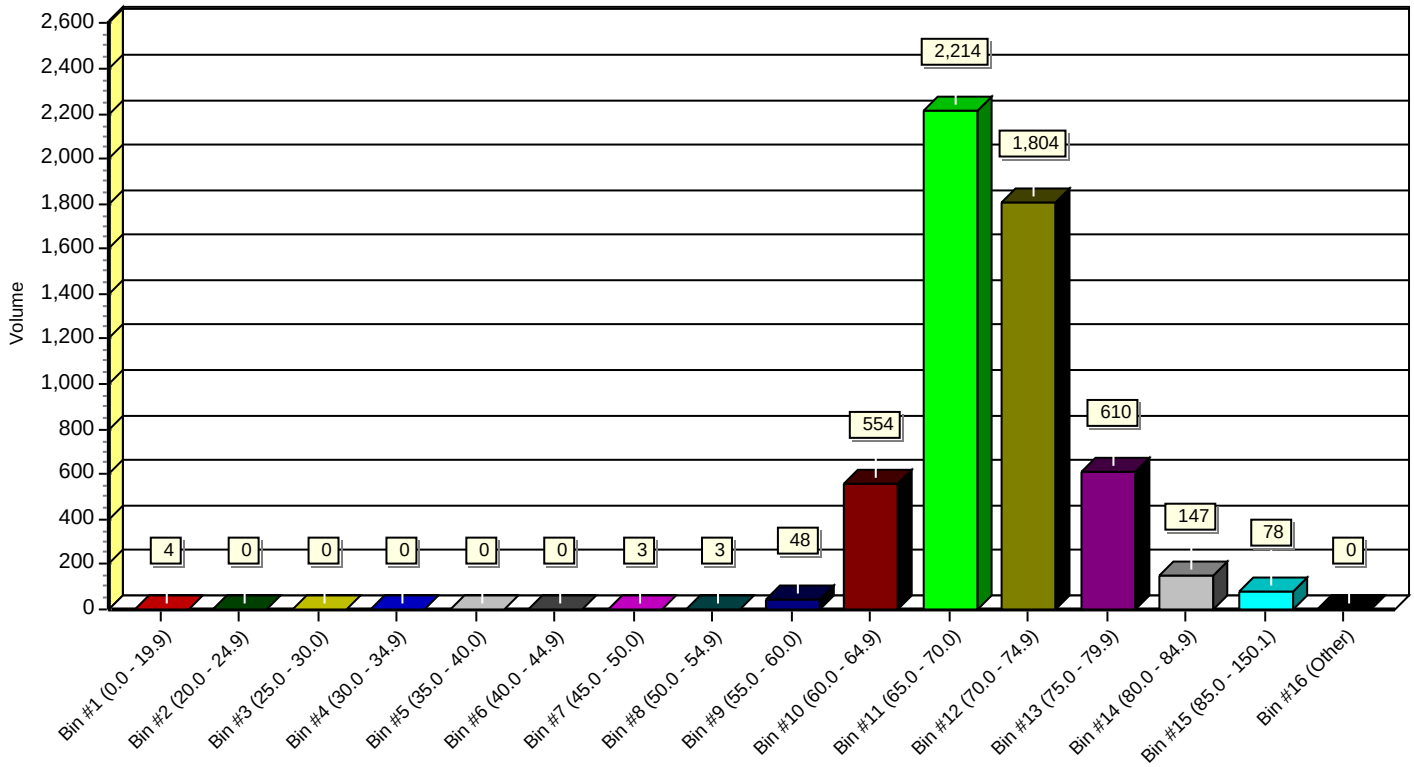
Speeds - Average: 94.7 50% : 83.2 67% : 116.3 85% : 118.1 10mph Pace: 76.4 - 86.3 (55.1%)

Basic Speed Class Summary: 2P0310456

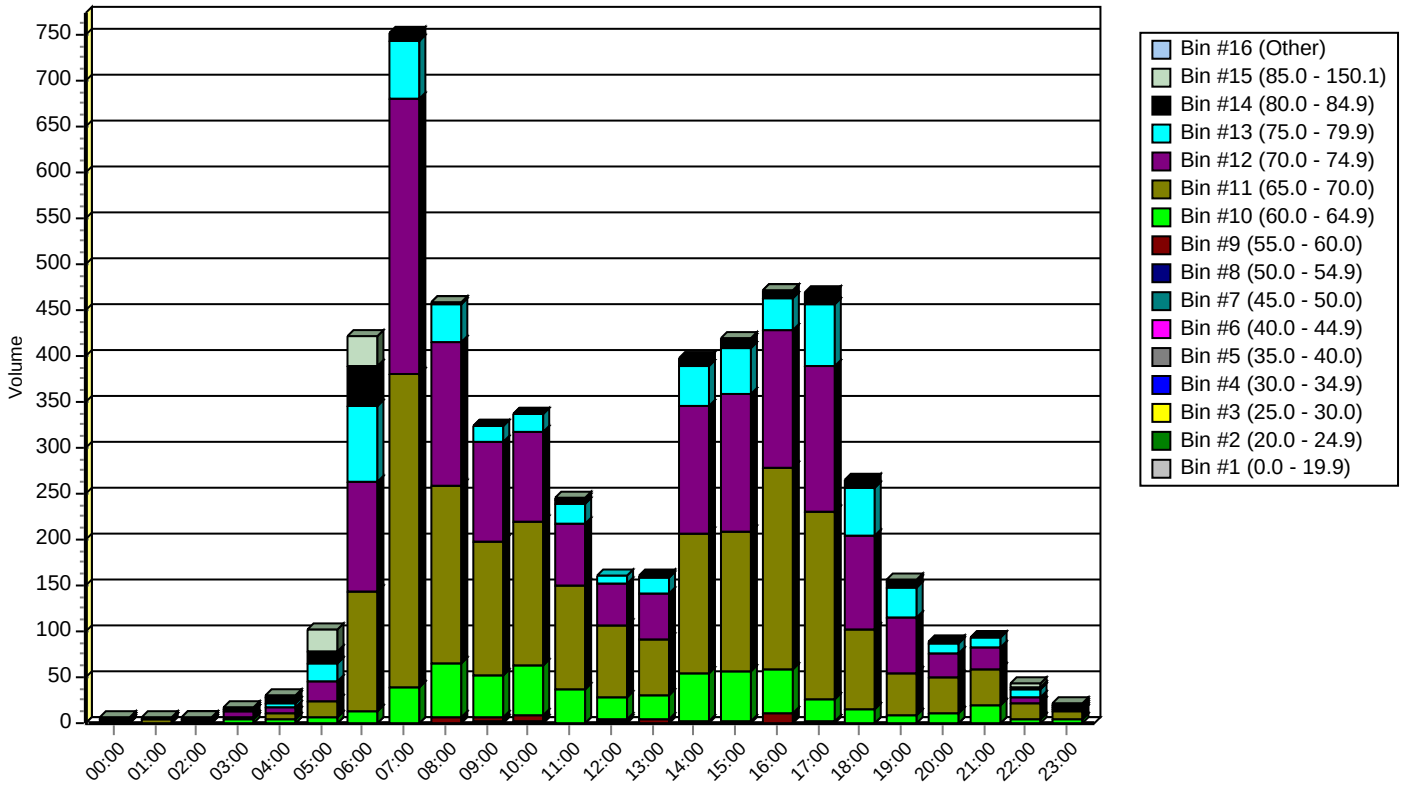
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	4	0	0	0	0	0	3	3	48	554	2214	1804	610	147	78	0	5465
		4	0	0	0	0	0	3	3	48	554	2214	1804	610	147	78	0	5465
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	1%	10%	41%	33%	11%	3%	1%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	1%	10%	41%	33%	11%	3%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	2	9	7	2	1	0	0	21
		0	0	0	0	0	0	0	0	0	2	9	7	2	1	0	0	21
Days & ADT :	#1.	2.7	2017															
		2.7	2017															
Avg,50,67,85%:	#1.	70.7	69.8	72.4	75.2	65.0	- 74.9	74%										
		70.7	69.8	72.4	75.2	65.0	- 74.9	74%										

2P0310456 Speed Class Charts For Data From: 13:45 - 04/11/2011 To: 06:59 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0310456

Station ID : 4D0310456
Info Line 1 : WB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 4D0310456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14603
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 13:15 - 04/11/2011 To: 06:44 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	13:15	0	69	45	1	3	0	0	0	7	2	0	0	3	0	130
Mon	13:30	1	71	44	1	4	1	0	2	11	1	0	0	0	0	136
	13:45	3	50	56	7	3	0	0	3	12	0	0	0	2	0	136
	14:00	1	65	74	1	2	0	0	1	11	2	0	0	0	1	158
	14:15	2	70	69	1	3	0	0	1	15	0	0	0	1	0	162
	14:30	2	71	68	0	0	0	0	2	7	0	0	0	2	0	152
	14:45	0	70	63	0	0	0	0	1	8	1	0	0	2	0	145
	15:00	1	62	62	1	2	0	0	0	8	0	0	0	2	0	138
	15:15	0	80	54	0	7	0	0	1	8	1	0	0	2	3	156
	15:30	0	82	58	1	3	1	0	2	7	0	0	1	2	2	159
	15:45	0	80	64	1	5	0	0	2	9	0	1	0	1	0	163
	16:00	0	85	81	0	3	0	0	1	3	0	0	0	5	0	178
	16:15	1	91	54	1	4	0	0	0	15	0	0	0	0	0	166
	16:30	0	100	76	0	5	0	0	1	4	0	1	0	0	1	188
	16:45	2	86	78	1	1	1	0	2	10	0	0	0	0	0	181
	17:00	1	111	78	1	2	0	0	2	5	0	0	0	0	0	200
	17:15	1	135	76	2	4	0	0	1	7	0	0	0	0	2	228
	17:30	0	99	75	0	1	0	0	1	7	0	0	0	2	1	186
	17:45	1	79	73	0	1	3	0	0	6	3	0	0	0	0	166
	18:00	1	86	65	0	4	0	0	1	1	1	0	0	0	1	160
	18:15	4	60	49	1	4	0	0	4	6	0	0	0	1	1	130
	18:30	0	70	48	1	2	0	0	0	3	0	1	0	0	0	125
	18:45	1	45	35	0	3	0	0	1	7	0	0	0	1	0	93
	19:00	1	61	30	0	0	0	0	0	8	0	0	0	2	0	102
	19:15	0	44	36	0	3	0	0	0	3	0	0	1	3	0	90
	19:30	0	46	41	0	3	0	0	0	7	0	0	0	2	0	99
	19:45	0	50	29	0	2	0	0	3	3	0	0	1	3	1	92
	20:00	0	39	31	0	1	0	0	0	7	0	0	2	1	0	81
	20:15	0	44	37	0	0	0	0	0	5	2	0	1	1	0	90
	20:30	1	34	34	1	2	0	0	1	0	0	1	0	3	0	77
	20:45	0	27	22	0	1	0	0	0	2	0	2	3	4	0	61
	21:00	0	35	29	1	1	0	0	0	1	1	0	1	2	1	72
	21:15	0	41	30	1	1	0	0	1	7	0	0	0	2	0	83
	21:30	0	28	17	0	0	0	0	0	3	0	0	1	0	0	49

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	21:45	0	22	17	1	2	0	0	1	6	0	0	5	1	0	55
Mon	22:00	2	17	6	0	0	0	0	1	7	0	0	0	0	0	33
	22:15	1	22	18	0	0	0	0	0	4	1	0	0	0	1	47
	22:30	1	24	15	0	1	0	0	0	2	0	1	0	1	0	45
	22:45	0	12	9	0	1	0	0	0	0	0	0	0	1	0	23
	23:00	1	12	12	0	1	0	0	0	4	0	0	0	1	0	31
	23:15	0	18	11	0	3	0	0	0	2	0	0	0	1	0	35
	23:30	0	19	10	1	0	0	0	0	2	0	0	0	0	0	32
	23:45	0	14	9	0	0	0	0	1	2	0	0	0	1	0	27
Daily Total :		29	2426	1888	26	88	6	0	37	252	15	7	16	55	15	4860
	Percent :	1%	50%	39%	1%	2%	0%	0%	1%	5%	0%	0%	0%	1%	0%	
	Average :	1	56	44	1	2	0	0	1	6	0	0	0	1	0	112

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	4	7	0	1	0	0	2	4	0	0	0	0	0	18
Tue	00:15	1	3	8	1	0	1	0	1	3	0	0	1	3	0	22
	00:30	0	7	4	0	0	0	0	0	1	0	0	0	1	0	13
	00:45	0	4	9	0	1	0	0	0	2	1	0	0	3	0	20
	01:00	0	8	2	0	0	0	0	1	5	0	0	0	0	0	16
	01:15	0	1	2	0	0	0	0	0	1	1	0	0	1	0	6
	01:30	0	3	2	0	2	0	0	1	4	0	0	0	1	0	13
	01:45	0	5	7	0	1	0	0	0	2	0	0	0	0	0	15
	02:00	0	5	2	1	0	0	0	1	3	0	0	1	1	0	14
	02:15	0	3	5	0	0	0	0	0	3	0	0	0	2	0	13
	02:30	0	4	1	1	0	0	0	0	0	0	0	1	3	0	10
	02:45	0	3	2	1	1	0	0	0	2	0	0	0	1	0	10
	03:00	0	2	2	0	0	0	0	1	3	0	0	0	0	0	8
	03:15	0	2	2	0	0	0	0	0	3	0	0	0	0	0	7
	03:30	0	4	2	0	0	0	0	0	2	0	0	0	1	0	9
	03:45	0	5	1	1	0	0	0	0	3	0	0	0	0	0	10
	04:00	0	10	8	0	1	0	0	1	0	0	0	0	2	0	22
	04:15	0	4	6	1	0	0	0	1	0	1	0	0	1	0	14
	04:30	1	8	10	2	0	1	0	2	5	0	0	0	3	0	32
	04:45	0	4	7	5	2	0	0	0	3	0	0	0	0	0	21
	05:00	0	8	15	1	2	0	0	0	2	0	0	0	3	0	31
	05:15	0	11	21	1	0	0	0	1	4	0	0	0	3	0	41
	05:30	0	14	21	2	0	3	0	1	1	0	0	0	3	0	45
	05:45	0	13	18	0	3	0	0	1	4	1	0	0	2	0	42
	06:00	0	12	22	2	3	0	0	0	4	0	0	0	2	0	45
	06:15	0	29	41	2	3	0	0	0	6	0	0	0	1	0	82
	06:30	1	32	67	0	3	0	0	1	8	0	0	0	1	0	113
	06:45	0	34	43	1	4	3	0	1	8	2	0	0	3	0	99
	07:00	0	35	42	2	6	1	0	1	9	0	0	0	4	2	102
	07:15	1	36	65	2	2	0	0	3	10	1	0	0	0	0	120
	07:30	2	42	57	3	4	1	0	1	3	1	0	0	4	0	118
	07:45	0	32	66	0	4	0	0	3	13	5	0	0	2	0	125
	08:00	0	30	50	1	9	0	0	0	10	2	0	0	2	1	105
	08:15	0	29	52	1	6	1	0	2	20	0	0	0	4	1	116
	08:30	0	37	71	1	4	1	0	3	10	2	0	0	3	1	133
	08:45	0	40	58	0	4	2	0	1	15	2	0	0	3	1	126
	09:00	1	34	66	2	0	3	1	1	15	1	0	0	4	1	129
	09:15	0	24	42	0	3	0	0	3	21	1	0	0	4	0	98
	09:30	0	33	56	2	3	0	0	2	12	1	0	0	5	0	114
	09:45	0	29	50	1	4	0	0	0	12	1	0	0	4	0	101
	10:00	0	34	55	0	2	0	0	4	9	0	0	0	2	0	106
	10:15	0	32	57	0	4	1	1	3	11	2	0	0	2	1	114
	10:30	0	28	48	1	3	1	0	1	18	0	0	0	5	0	105
	10:45	0	29	54	0	3	4	0	0	10	1	0	0	4	0	105
	11:00	0	38	63	3	3	0	1	3	15	1	0	0	2	0	129
	11:15	0	29	61	0	4	4	0	1	13	1	0	0	2	1	116
	11:30	0	44	49	2	5	2	0	0	13	1	0	0	5	1	122
	11:45	0	53	52	0	3	3	0	1	11	2	0	0	3	2	130
	12:00	0	44	64	0	3	2	0	2	7	0	0	0	2	1	125
	12:15	0	34	64	1	3	2	0	2	7	3	0	0	2	0	118

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	61	56	0	5	2	0	2	9	2	0	0	1	1	139
Tue	12:45	0	51	56	0	3	0	0	1	15	0	0	0	5	0	131
	13:00	0	69	56	0	2	0	0	1	12	2	0	0	2	0	144
	13:15	0	64	54	1	0	3	0	1	14	1	0	0	0	1	139
	13:30	1	72	40	1	2	2	0	2	12	1	0	0	2	1	136
	13:45	0	71	64	0	2	1	0	0	11	0	0	0	3	0	152
	14:00	0	70	56	1	5	1	0	2	11	2	0	0	1	0	149
	14:15	0	74	55	0	4	1	0	1	13	0	0	0	2	0	150
	14:30	0	77	56	2	2	0	0	3	15	0	0	0	3	1	159
	14:45	0	73	65	2	1	3	0	1	10	1	0	0	1	0	157
	15:00	3	98	51	0	2	0	0	0	10	2	1	0	0	1	168
	15:15	0	86	59	0	5	0	0	5	15	0	0	0	0	0	170
	15:30	0	96	71	0	1	1	0	1	11	2	0	0	1	2	186
	15:45	0	105	60	1	1	0	0	1	9	0	0	0	0	0	177
	16:00	2	111	65	1	4	1	0	1	7	2	0	0	1	1	196
	16:15	0	106	56	1	2	0	0	1	10	0	0	0	1	0	177
	16:30	0	134	84	0	1	0	0	2	6	1	0	0	1	2	231
	16:45	3	139	71	1	5	0	1	0	8	2	0	0	3	0	233
	17:00	1	101	72	1	1	1	0	5	4	1	0	0	4	20	211
	17:15	1	81	37	1	1	0	0	6	8	0	0	0	10	23	168
	17:30	0	80	38	0	1	0	0	11	7	1	0	0	5	22	165
	17:45	0	106	70	1	1	0	0	1	4	1	0	0	1	3	188
	18:00	0	99	62	0	1	0	0	1	5	1	0	0	0	0	169
	18:15	0	59	53	0	0	0	0	1	9	0	0	1	2	0	125
	18:30	2	64	39	0	1	0	0	0	8	2	0	0	3	1	120
	18:45	0	62	50	0	2	0	0	0	2	1	0	0	2	0	119
	19:00	0	60	38	0	0	1	0	1	7	0	0	0	1	0	108
	19:15	0	43	43	0	0	0	0	2	6	0	0	0	6	0	100
	19:30	0	50	35	1	1	0	0	0	3	1	0	0	3	1	95
	19:45	0	58	27	0	7	0	0	0	8	0	1	0	2	1	104
	20:00	0	49	24	0	1	0	0	1	7	0	0	1	4	2	89
	20:15	1	52	32	4	2	0	0	1	7	0	0	0	1	0	100
	20:30	0	32	25	1	0	0	0	0	8	0	0	1	4	0	71
	20:45	1	47	32	1	0	0	0	0	7	0	0	2	5	0	95
	21:00	0	38	25	1	1	0	0	1	1	1	1	1	2	0	72
	21:15	0	53	19	0	1	0	0	0	5	1	0	0	1	0	80
	21:30	0	37	19	0	1	0	0	1	2	1	0	2	1	0	64
	21:45	0	31	12	0	1	0	0	0	1	0	1	0	0	1	47
	22:00	0	29	13	0	0	0	0	1	6	0	0	0	1	0	50
	22:15	0	29	10	1	0	0	0	0	5	0	0	0	2	0	47
	22:30	1	19	15	0	0	0	0	0	2	0	0	0	1	1	39
	22:45	0	17	11	0	1	0	0	1	4	0	0	0	4	0	38
	23:00	0	25	8	0	0	0	0	0	4	0	0	0	0	0	37
	23:15	0	24	5	0	0	0	0	1	2	0	0	0	0	0	32
	23:30	1	9	9	0	0	0	0	0	4	0	0	0	0	0	23
	23:45	0	9	4	1	0	0	0	0	2	0	0	0	2	0	18
Daily Total :		24	3928	3481	68	180	53	4	113	686	63	4	11	203	98	8916
	Percent :	0%	44%	39%	1%	2%	1%	0%	1%	8%	1%	0%	0%	2%	1%	
	Average :	0	41	36	1	2	1	0	1	7	1	0	0	2	1	93

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	11	5	0	1	0	0	0	0	1	0	0	0	0	18
Wed	00:15	0	9	10	0	0	0	0	1	3	0	0	1	1	0	25
	00:30	0	6	7	0	0	0	0	0	3	0	0	2	1	0	19
	00:45	0	12	3	0	0	0	0	0	2	0	0	0	0	0	17
	01:00	0	2	7	0	0	1	0	0	1	1	0	0	1	0	13
	01:15	0	4	6	0	1	0	0	0	2	0	0	0	0	0	13
	01:30	0	4	2	1	0	0	0	0	2	0	0	0	3	0	12
	01:45	0	6	4	1	0	0	0	2	1	0	0	0	0	0	14
	02:00	0	5	4	0	0	0	0	0	5	0	0	0	1	0	15
	02:15	0	3	1	0	0	1	0	0	2	1	0	0	2	0	10
	02:30	0	1	0	0	0	0	0	0	5	0	0	0	1	0	7
	02:45	0	1	1	1	0	0	0	0	1	0	0	0	1	1	6
	03:00	0	2	1	0	0	0	0	0	1	0	0	0	1	1	6
	03:15	0	1	1	0	0	0	0	1	4	0	0	0	2	0	9
	03:30	0	2	3	0	1	0	0	0	6	0	0	0	1	1	14
	03:45	0	4	2	1	0	0	0	1	5	1	0	0	1	1	16
	04:00	0	10	6	1	2	0	0	0	3	0	0	0	2	0	24
	04:15	0	5	5	2	0	0	0	1	4	0	0	0	1	0	18
	04:30	0	12	3	2	1	0	0	1	2	0	0	0	0	0	21
	04:45	0	5	9	4	0	0	0	0	6	0	0	0	2	0	26
	05:00	0	7	11	1	0	0	0	0	8	0	0	0	1	0	28
	05:15	0	14	19	0	2	1	0	1	4	2	1	0	1	0	45
	05:30	0	18	19	2	3	0	0	2	10	0	0	0	1	1	56
	05:45	0	20	21	1	2	0	0	0	6	0	0	0	2	0	52
	06:00	1	20	30	0	3	2	0	1	6	1	0	0	2	0	66
	06:15	0	29	36	0	2	1	0	1	2	0	0	0	1	1	73
	06:30	0	35	54	2	2	0	0	0	2	1	0	0	0	0	96
	06:45	0	35	36	2	3	0	0	0	6	1	0	0	3	0	86
	07:00	1	32	51	0	2	0	0	0	10	0	0	0	3	0	99
	07:15	0	46	48	0	3	1	0	0	9	2	0	0	3	1	113
	07:30	0	52	50	0	0	3	0	1	9	3	0	0	0	0	118
	07:45	1	40	53	2	1	0	0	1	9	0	0	0	3	0	110
	08:00	0	30	38	2	1	0	0	1	10	2	0	0	4	2	90
	08:15	0	45	61	1	3	1	0	1	16	0	0	0	3	1	132
	08:30	0	42	65	1	3	0	0	1	11	4	0	1	1	1	130
	08:45	0	42	53	3	2	1	0	1	15	1	0	0	2	0	120
	09:00	2	37	38	0	4	0	0	0	12	0	0	1	3	0	97
	09:15	0	37	47	2	1	1	0	2	14	0	0	0	3	0	107
	09:30	0	41	38	0	5	2	0	2	16	1	0	1	2	1	109
	09:45	1	38	45	0	3	2	0	1	15	2	0	0	2	0	109
	10:00	1	44	43	1	1	0	0	2	7	1	0	0	3	1	104
	10:15	0	32	49	0	0	1	0	5	10	2	0	0	3	0	102
	10:30	0	42	50	1	4	1	0	2	10	1	0	0	4	1	116
	10:45	0	33	51	2	1	1	1	1	10	1	0	0	1	1	103
	11:00	1	47	51	2	2	1	0	1	20	0	0	0	2	0	127
	11:15	0	27	46	3	5	2	0	0	7	1	0	0	4	1	96
	11:30	1	33	54	0	1	2	0	1	15	0	0	0	3	0	110
	11:45	0	54	58	1	1	1	0	2	22	1	0	0	2	0	142
	12:00	0	50	54	1	3	0	0	0	15	3	0	0	4	0	130
	12:15	0	43	59	0	2	1	0	0	14	1	0	0	6	1	127

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	48	48	4	6	0	0	0	14	2	0	0	1	0	123
Wed	12:45	2	51	47	2	2	0	0	3	16	1	0	0	4	0	128
	13:00	0	49	55	2	3	0	0	1	16	0	0	0	6	0	132
	13:15	0	55	52	3	5	0	0	0	10	1	0	0	7	0	133
	13:30	0	48	62	2	2	1	0	4	8	3	0	0	5	0	135
	13:45	0	71	60	0	2	0	0	0	10	0	0	0	4	0	147
	14:00	0	64	56	2	3	1	0	1	8	1	0	0	3	0	139
	14:15	0	83	68	2	1	2	0	1	8	0	0	0	5	0	170
	14:30	0	73	63	2	2	2	0	1	8	4	0	0	6	2	163
	14:45	0	84	61	1	3	4	0	2	7	1	0	0	1	0	164
	15:00	1	77	56	0	3	1	0	0	15	1	0	0	2	1	157
	15:15	1	88	70	3	3	2	0	1	5	0	0	0	3	0	176
	15:30	1	78	75	0	3	1	0	1	13	3	0	0	3	0	178
	15:45	0	90	71	2	2	1	0	2	13	2	0	0	2	0	185
	16:00	1	98	64	1	1	0	0	4	3	1	0	0	3	4	180
	16:15	0	102	83	2	3	1	0	1	14	2	0	0	5	0	213
	16:30	0	83	55	0	4	0	0	3	6	1	0	0	4	9	165
	16:45	1	98	78	2	3	0	0	2	9	0	1	0	6	9	209
	17:00	1	103	73	0	6	0	0	0	10	3	0	0	7	0	203
	17:15	0	69	36	0	3	1	0	5	5	0	0	0	10	15	144
	17:30	0	86	62	2	1	0	0	1	11	2	0	0	7	4	176
	17:45	0	83	64	0	4	0	0	1	8	1	0	0	4	0	165
	18:00	0	84	60	0	0	0	0	2	12	2	0	1	4	0	165
	18:15	1	61	52	0	3	0	0	3	8	0	0	0	4	0	132
	18:30	0	62	57	0	3	0	0	0	9	0	0	0	2	0	133
	18:45	0	68	51	0	3	0	0	0	8	1	1	1	1	0	134
	19:00	0	59	44	0	2	0	0	0	11	0	0	1	0	0	117
	19:15	0	39	38	0	1	0	0	0	6	1	0	0	1	1	87
	19:30	0	48	30	0	0	0	0	0	6	3	0	1	3	2	93
	19:45	0	57	40	0	0	0	0	1	6	1	0	0	3	0	108
	20:00	0	44	32	0	4	0	0	0	4	0	0	0	3	4	91
	20:15	0	50	29	0	1	0	0	0	5	1	0	0	1	1	88
	20:30	0	47	30	0	1	0	0	1	11	0	0	0	6	0	96
	20:45	0	45	32	0	1	0	0	1	10	0	1	2	1	0	93
	21:00	0	34	25	1	1	0	0	0	5	0	0	0	2	1	69
	21:15	0	49	29	0	0	0	0	0	4	0	0	0	1	0	83
	21:30	0	31	25	0	1	0	0	1	4	1	0	3	2	0	68
	21:45	0	29	13	0	0	0	0	1	2	0	2	0	1	1	49
	22:00	0	13	17	0	1	0	0	0	5	0	0	0	2	1	39
	22:15	0	19	10	0	1	0	0	0	2	0	0	1	0	2	35
	22:30	0	17	14	0	0	0	0	1	4	1	0	0	4	1	42
	22:45	0	13	7	0	0	0	0	0	3	0	0	0	0	0	23
	23:00	0	11	3	0	1	0	0	0	2	0	0	0	0	1	18
	23:15	0	16	7	0	0	0	0	0	1	0	0	0	0	1	25
	23:30	0	13	12	1	0	0	0	0	2	0	0	0	0	0	28
	23:45	0	10	9	0	1	0	0	0	0	0	0	0	3	1	24
Daily Total :		18	3770	3433	77	161	44	1	82	725	75	6	16	235	78	8721
Percent :		0%	43%	39%	1%	2%	1%	0%	1%	8%	1%	0%	0%	3%	1%	
Average :		0	39	36	1	2	0	0	1	8	1	0	0	2	1	91

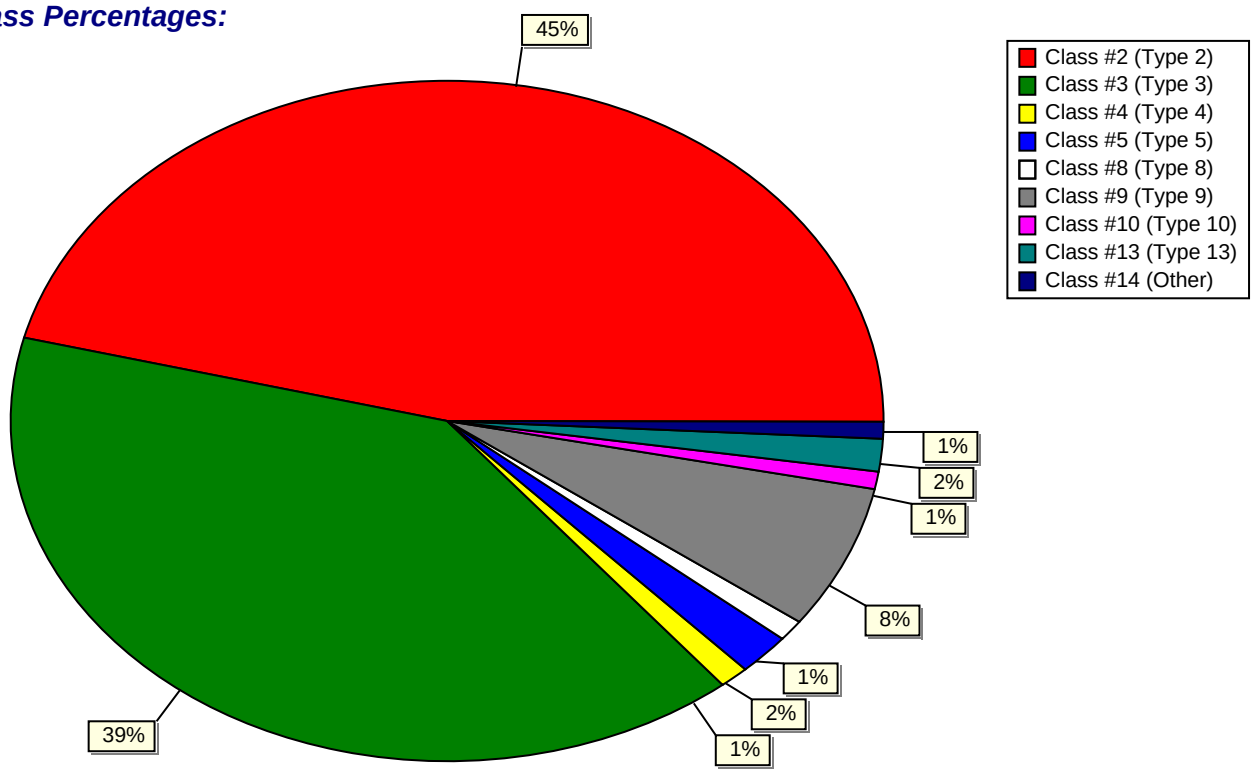
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	5	6	0	0	1	0	0	5	0	0	0	2	1	20
Thu	00:15	0	8	2	0	1	0	0	0	2	0	0	0	2	1	16
	00:30	0	7	5	0	1	0	0	0	4	0	0	0	1	0	18
	00:45	0	11	6	0	0	0	0	1	3	0	0	1	1	1	24
	01:00	0	8	3	0	0	0	0	0	1	0	0	0	1	0	13
	01:15	0	6	8	0	1	0	0	0	0	0	0	0	0	1	16
	01:30	0	7	3	0	1	0	0	0	0	1	0	0	2	0	14
	01:45	0	3	5	1	1	0	0	0	2	0	0	0	1	0	13
	02:00	0	7	7	0	0	0	0	1	2	0	0	0	1	1	19
	02:15	0	1	3	0	1	0	0	0	2	1	0	0	0	0	8
	02:30	0	1	4	0	0	0	0	0	0	0	0	0	2	0	7
	02:45	0	1	4	0	0	0	0	1	2	0	0	0	0	0	8
	03:00	0	2	3	0	0	0	0	0	2	0	0	0	2	0	9
	03:15	0	1	3	0	0	0	0	1	3	0	0	0	0	0	8
	03:30	0	3	1	0	0	0	0	2	4	0	0	0	0	0	10
	03:45	0	5	4	1	1	0	0	1	2	0	0	0	1	0	15
	04:00	0	3	10	0	0	0	0	0	4	0	0	0	2	1	20
	04:15	0	7	2	1	1	0	0	0	4	1	0	0	2	2	20
	04:30	0	7	5	2	0	0	0	1	3	0	0	0	1	0	19
	04:45	0	12	8	3	0	0	0	2	0	0	0	0	2	1	28
	05:00	0	6	8	0	1	1	0	1	3	0	0	0	3	3	26
	05:15	0	11	21	0	1	1	0	0	7	0	0	0	0	1	42
	05:30	0	19	20	0	2	2	0	1	5	1	0	0	1	3	54
	05:45	0	13	22	1	1	0	0	0	8	1	0	0	1	4	51
	06:00	0	22	25	0	2	0	0	2	4	1	0	0	0	3	59
	06:15	0	27	28	0	2	1	0	1	5	1	0	0	1	2	68
Daily Total :		0	203	216	9	17	6	0	15	77	7	0	1	29	25	605
	Percent :	0%	34%	36%	1%	3%	1%	0%	2%	13%	1%	0%	0%	5%	4%	
	Average :	0	8	8	0	1	0	0	1	3	0	0	0	1	1	23

Basic Axle Class Summary: 4D0310456

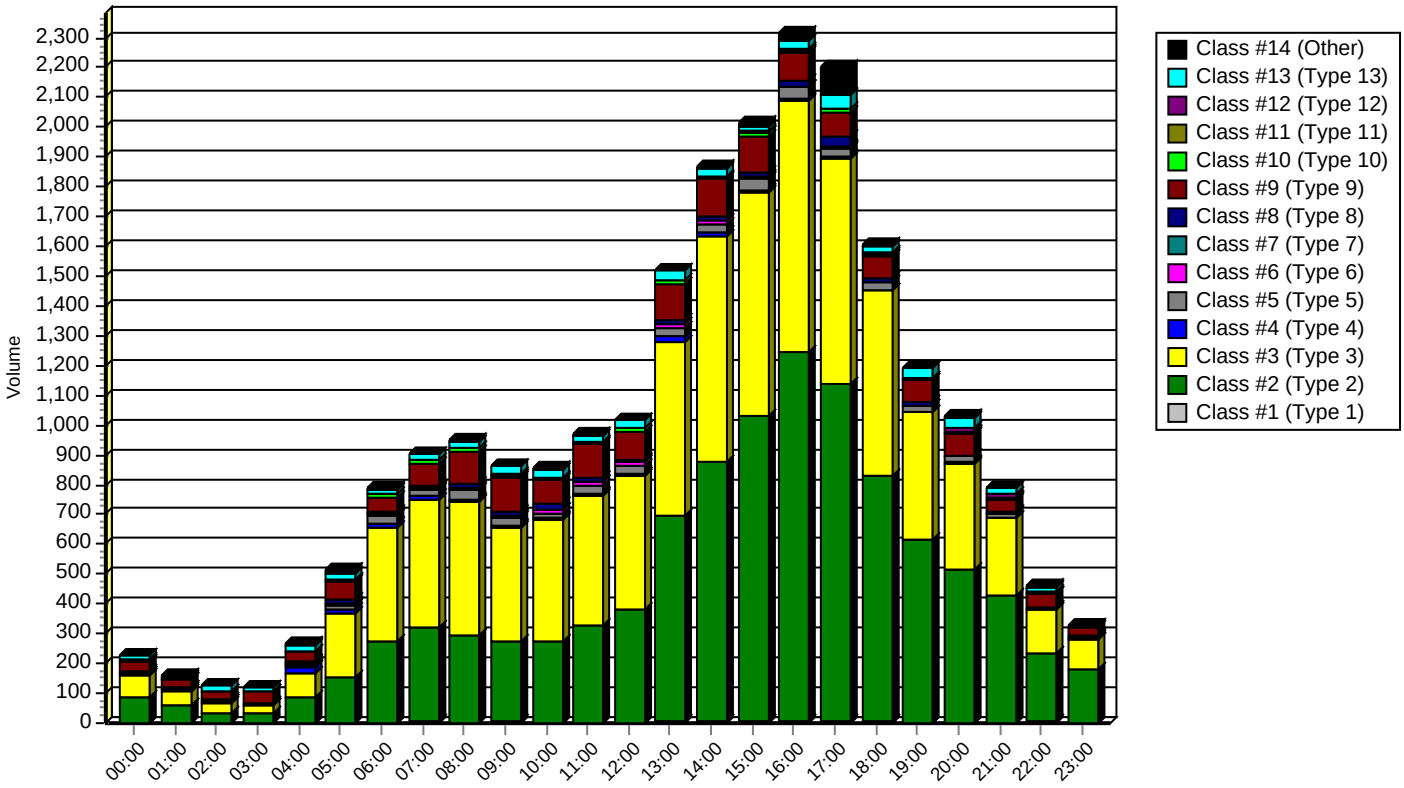
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	71	10327	9018	180	446	109	5	247	1740	160	17	44	522	216	23102
		71	10327	9018	180	446	109	5	247	1740	160	17	44	522	216	23102
Percents :	#1.	0%	45%	39%	1%	2%	0%	0%	1%	8%	1%	0%	0%	2%	1%	100%
		0%	45%	39%	1%	2%	0%	0%	1%	8%	1%	0%	0%	2%	1%	
Average :	#1.	0	40	35	1	2	0	0	1	7	1	0	0	2	1	90
		0	40	35	1	2	0	0	1	7	1	0	0	2	1	90
Days & ADT :	#1.	2.7	8497													
		2.7	8497													

4D0310456 Axle Class Charts For Data From: 13:15 - 04/11/2011 To: 06:44 - 04/14/2011

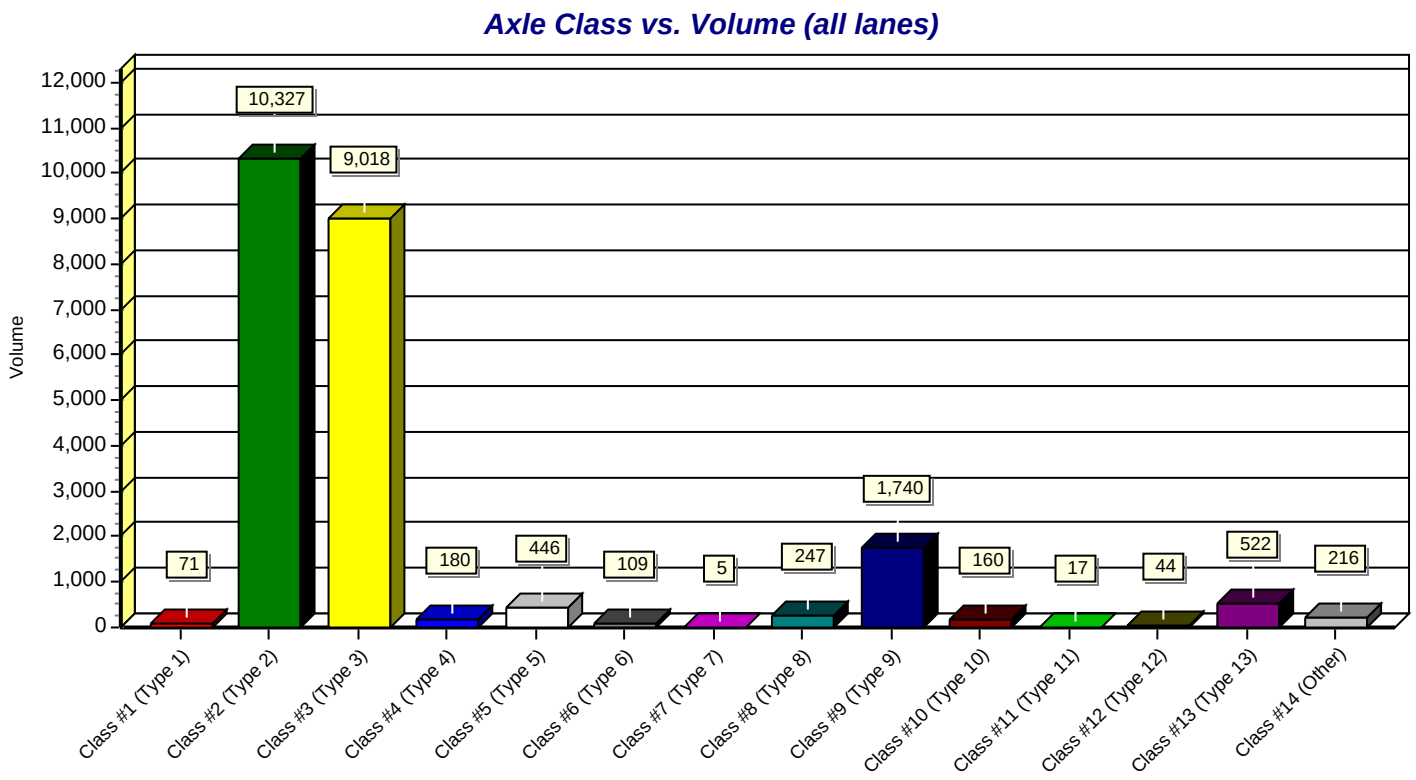
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0310456 Axle Class Charts For Data From: 13:15 - 04/11/2011 To: 06:44 - 04/14/2011



Basic Speed Classification Report: 4D0310456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 13:15 - 04/11/2011 To: 06:44 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	13:15	1	0	0	0	0	0	0	5	7	25	50	30	7	3	2	0	130
Mon	13:30	0	0	0	0	0	0	0	6	6	16	66	34	7	1	0	0	136
	13:45	0	0	0	0	0	0	0	3	3	19	60	39	12	0	0	0	136
	14:00	0	0	0	0	0	0	0	0	9	20	69	42	14	3	1	0	158
	14:15	0	0	0	0	0	0	0	4	11	32	59	45	11	0	0	0	162
	14:30	0	0	0	0	0	0	0	2	11	33	56	35	12	3	0	0	152
	14:45	0	0	0	0	0	0	3	3	5	23	49	41	16	5	0	0	145
	15:00	0	0	0	0	0	0	0	1	3	26	60	31	12	4	1	0	138
	15:15	0	0	0	0	0	0	1	4	11	20	59	39	20	1	1	0	156
	15:30	0	0	0	0	0	0	0	0	13	26	63	44	11	2	0	0	159
	15:45	0	0	0	0	0	0	0	0	7	21	69	50	13	3	0	0	163
	16:00	0	0	0	0	0	0	0	2	7	32	75	43	15	4	0	0	178
	16:15	0	0	0	0	0	0	0	1	3	14	80	54	13	1	0	0	166
	16:30	1	0	0	0	0	0	0	1	6	30	71	59	13	6	1	0	188
	16:45	0	0	0	0	1	0	0	0	7	21	66	53	27	6	0	0	181
	17:00	0	0	0	0	0	0	0	0	2	27	78	64	23	6	0	0	200
	17:15	0	0	0	0	0	0	1	0	1	30	76	85	30	5	0	0	228
	17:30	0	0	0	0	0	0	0	0	7	18	80	57	19	5	0	0	186
	17:45	0	0	0	0	0	0	0	0	6	19	60	58	20	3	0	0	166
	18:00	0	0	0	0	0	0	0	0	1	18	68	51	15	6	1	0	160
	18:15	0	0	0	0	0	0	1	0	2	11	27	50	27	11	1	0	130
	18:30	0	0	0	0	0	0	0	0	1	2	46	45	24	5	2	0	125
	18:45	0	0	0	0	0	0	1	0	4	11	31	37	8	1	0	0	93
	19:00	0	0	0	0	0	0	0	2	1	11	36	32	17	3	0	0	102
	19:15	0	0	0	0	0	0	0	0	1	4	36	32	12	3	2	0	90
	19:30	0	0	0	0	0	0	0	0	0	11	32	35	16	3	2	0	99
	19:45	0	0	0	0	0	0	0	0	2	6	28	33	20	3	0	0	92
	20:00	0	0	0	0	0	0	0	0	0	5	27	30	16	2	1	0	81
	20:15	0	0	0	0	0	0	1	0	6	13	32	25	7	6	0	0	90
	20:30	0	0	0	0	0	0	0	1	1	7	24	28	14	2	0	0	77
	20:45	0	0	0	0	0	0	0	0	2	3	23	22	7	2	2	0	61
	21:00	0	0	0	0	0	0	0	0	1	18	19	23	9	2	0	0	72
	21:15	0	0	0	0	0	0	0	1	5	12	36	20	8	1	0	0	83
	21:30	0	0	0	0	0	0	0	1	0	6	20	9	9	2	2	0	49
	21:45	0	0	0	0	0	0	0	2	1	5	19	21	6	1	0	0	55
	22:00	0	0	0	0	0	0	0	0	0	5	7	11	2	8	0	0	33
	22:15	0	0	0	0	0	0	0	0	2	5	15	17	7	0	1	0	47
	22:30	0	0	0	0	0	0	0	0	0	3	12	21	9	0	0	0	45
	22:45	0	0	0	0	0	0	0	1	1	2	10	8	1	0	0	0	23
	23:00	0	0	0	0	0	0	0	0	0	1	13	7	7	3	0	0	31

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
4/11/201	23:15	0	0	0	0	0	0	0	0	0	5	12	11	6	0	1	0	35
Mon	23:30	0	0	0	0	0	0	0	0	0	0	10	18	4	0	0	0	32
	23:45	0	0	0	0	0	0	0	0	0	7	9	5	1	5	0	0	27
Daily Total :		2	0	0	0	1	0	8	40	156	623	1838	1494	547	130	21	0	4860
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	3%	13%	38%	31%	11%	3%	0%	0%	
	Average :	0	0	0	0	0	0	0	1	4	14	43	35	13	3	0	0	90

Speeds - Average: 69.6 50% : 69.4 67% : 72.1 85% : 74.9 10mph Pace: 65.0 - 74.9 (68.6%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	3	9	4	1	0	1	0	18
Tue	00:15	0	0	0	0	0	1	0	1	0	3	6	9	2	0	0	0	22
	00:30	0	0	0	0	0	0	0	0	0	2	5	6	0	0	0	0	13
	00:45	0	0	0	0	0	0	0	0	1	3	8	5	2	0	1	0	20
	01:00	0	0	0	0	0	0	0	0	0	1	9	5	0	1	0	0	16
	01:15	0	0	0	0	0	0	0	0	0	1	2	3	0	0	0	0	6
	01:30	0	0	0	0	0	0	0	0	0	3	5	3	1	1	0	0	13
	01:45	0	0	0	0	0	0	0	0	0	1	8	2	3	0	1	0	15
	02:00	0	0	0	0	0	0	0	0	0	3	3	6	2	0	0	0	14
	02:15	0	0	0	0	0	0	0	0	2	2	4	3	1	1	0	0	13
	02:30	0	0	0	0	0	0	0	0	0	1	3	6	0	0	0	0	10
	02:45	0	0	0	0	0	0	0	0	0	1	4	2	2	0	1	0	10
	03:00	0	0	0	0	0	0	0	1	0	1	3	3	0	0	0	0	8
	03:15	0	0	0	0	0	0	0	0	0	2	2	3	0	0	0	0	7
	03:30	0	0	0	0	0	0	0	0	1	5	2	0	1	0	0	0	9
	03:45	0	0	0	0	0	0	0	1	0	1	2	6	0	0	0	0	10
	04:00	0	0	0	0	0	0	0	0	1	2	1	9	5	4	0	0	22
	04:15	0	0	0	0	0	0	0	0	0	0	4	8	1	1	0	0	14
	04:30	0	0	0	0	0	0	0	0	0	5	6	9	9	0	3	0	32
	04:45	0	0	0	0	0	0	0	0	1	0	7	7	5	1	0	0	21
	05:00	0	0	1	0	0	0	0	0	1	4	8	6	7	2	2	0	31
	05:15	0	0	0	0	0	0	0	0	1	3	13	17	4	2	1	0	41
	05:30	0	0	0	0	0	0	0	0	2	10	9	13	6	2	3	0	45
	05:45	0	0	0	0	0	0	0	0	0	0	12	22	4	3	1	0	42
	06:00	0	0	0	0	0	0	0	0	0	5	12	19	7	2	0	0	45
	06:15	1	0	0	0	0	0	0	0	0	10	29	29	12	1	0	0	82
	06:30	0	0	0	0	0	0	0	1	3	8	34	41	19	5	2	0	113
	06:45	0	0	0	0	0	0	0	0	0	2	32	35	20	9	1	0	99
	07:00	0	0	0	0	0	0	0	1	3	9	27	37	15	8	2	0	102
	07:15	0	0	0	0	0	0	0	0	3	17	38	40	18	3	1	0	120
	07:30	0	0	1	1	0	0	0	0	3	8	43	42	16	3	1	0	118
	07:45	0	0	0	0	0	0	0	0	4	11	37	42	25	6	0	0	125
	08:00	0	0	0	0	0	0	0	0	2	19	45	30	8	1	0	0	105
	08:15	0	0	0	0	0	0	0	0	4	8	57	34	11	1	1	0	116
	08:30	0	0	0	0	0	0	0	1	8	24	45	40	12	3	0	0	133
	08:45	0	0	1	0	0	0	0	2	6	16	50	39	8	2	2	0	126
	09:00	0	0	0	0	0	0	0	0	9	26	42	36	13	3	0	0	129
	09:15	0	0	0	0	0	0	0	2	9	7	41	27	12	0	0	0	98
	09:30	0	0	0	0	0	0	0	1	5	23	43	31	10	1	0	0	114
	09:45	0	0	0	0	0	0	0	1	6	15	35	36	7	1	0	0	101
	10:00	0	0	0	0	0	0	0	0	6	15	38	35	8	3	1	0	106
	10:15	0	0	0	0	0	0	1	0	6	25	47	26	8	1	0	0	114
	10:30	0	0	0	0	0	0	0	1	9	16	46	30	2	1	0	0	105
	10:45	0	0	0	0	0	0	0	4	7	14	37	31	12	0	0	0	105
	11:00	0	0	0	0	0	0	0	2	4	15	67	30	11	0	0	0	129
	11:15	0	0	0	0	0	0	2	3	9	16	51	21	9	4	1	0	116
	11:30	0	0	0	0	0	2	0	2	10	29	38	32	8	1	0	0	122
	11:45	0	0	0	0	0	0	1	2	5	28	41	43	9	1	0	0	130
	12:00	0	0	0	0	0	0	0	2	4	26	47	33	9	3	1	0	125
	12:15	0	0	0	0	0	0	0	1	6	19	40	39	10	3	0	0	118

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	1	4	9	40	35	40	5	5	0	0	139
Tue	12:45	0	0	0	0	0	0	0	3	11	33	50	25	7	2	0	0	131
	13:00	0	0	0	0	0	0	0	0	7	31	65	35	4	2	0	0	144
	13:15	0	0	0	0	0	0	0	1	12	26	63	30	6	1	0	0	139
	13:30	0	0	0	0	0	0	0	2	12	37	56	24	5	0	0	0	136
	13:45	0	0	0	0	0	0	0	3	12	34	60	36	5	2	0	0	152
	14:00	0	0	0	0	0	0	0	2	9	38	70	21	6	3	0	0	149
	14:15	1	0	0	1	0	0	1	4	23	32	51	26	10	1	0	0	150
	14:30	1	0	0	0	0	0	3	4	8	42	64	31	5	1	0	0	159
	14:45	0	0	0	0	0	0	1	4	9	30	62	43	7	1	0	0	157
	15:00	1	0	0	0	0	0	0	0	12	45	67	34	8	1	0	0	168
	15:15	0	0	0	0	0	0	0	6	12	30	81	27	12	2	0	0	170
	15:30	0	0	0	0	0	0	0	4	9	52	77	32	7	5	0	0	186
	15:45	0	0	0	0	0	0	1	5	17	58	55	31	6	2	2	0	177
	16:00	1	0	0	0	0	0	0	1	13	61	62	46	8	3	1	0	196
	16:15	0	0	0	0	0	0	0	1	8	50	74	39	5	0	0	0	177
	16:30	0	0	0	0	0	0	0	1	18	53	83	55	19	1	1	0	231
	16:45	0	0	0	0	0	0	0	0	18	51	89	58	16	1	0	0	233
	17:00	25	30	13	2	5	4	3	9	27	27	43	15	6	2	0	0	211
	17:15	62	37	44	25	0	0	0	0	0	0	0	0	0	0	0	0	168
	17:30	65	30	41	12	8	5	3	1	0	0	0	0	0	0	0	0	165
	17:45	5	9	0	0	0	0	1	2	6	21	86	43	11	4	0	0	188
	18:00	0	0	0	0	0	0	0	2	0	27	72	55	12	1	0	0	169
	18:15	1	0	0	0	0	0	0	0	1	18	59	31	14	0	1	0	125
	18:30	0	0	0	0	0	0	0	1	2	18	59	27	7	5	1	0	120
	18:45	0	0	0	0	0	0	0	0	5	17	48	29	18	2	0	0	119
	19:00	0	0	0	0	0	0	0	1	6	11	42	37	8	3	0	0	108
	19:15	0	1	0	0	0	0	0	1	7	18	39	26	5	2	1	0	100
	19:30	0	0	0	0	0	0	0	0	3	16	36	30	7	3	0	0	95
	19:45	0	0	0	0	0	0	0	1	0	13	36	41	11	2	0	0	104
	20:00	0	0	0	0	0	0	0	0	3	6	37	27	13	3	0	0	89
	20:15	0	0	0	0	0	0	0	1	2	15	56	17	8	1	0	0	100
	20:30	0	0	0	0	0	0	0	1	5	14	24	21	5	1	0	0	71
	20:45	0	0	0	0	0	0	0	1	6	20	38	22	6	2	0	0	95
	21:00	1	0	0	0	0	0	0	1	1	10	31	21	5	2	0	0	72
	21:15	0	0	0	0	0	0	0	0	2	9	33	25	8	1	2	0	80
	21:30	0	0	0	0	0	0	0	1	0	5	29	16	10	3	0	0	64
	21:45	0	0	0	0	0	0	0	0	2	8	15	12	6	4	0	0	47
	22:00	0	0	0	0	0	0	0	0	4	5	24	14	2	1	0	0	50
	22:15	0	0	0	0	0	0	0	1	4	7	20	10	2	2	1	0	47
	22:30	0	0	0	0	0	0	0	0	1	9	9	13	6	1	0	0	39
	22:45	0	0	0	0	0	0	0	0	3	12	11	7	3	2	0	0	38
	23:00	0	1	0	0	0	0	2	1	3	4	14	10	0	2	0	0	37
	23:15	0	0	0	0	0	0	0	0	0	2	17	8	3	2	0	0	32
	23:30	0	0	0	0	0	0	0	0	1	1	11	5	5	0	0	0	23
	23:45	1	0	0	0	0	0	0	0	1	0	8	4	4	0	0	0	18

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		165	108	101	41	13	12	20	99	455	1524	3258	2234	681	168	37	0	8916
	Percent :	2%	1%	1%	0%	0%	0%	0%	1%	5%	17%	37%	25%	8%	2%	0%	0%	
	Average :	2	1	1	0	0	0	0	1	5	16	34	23	7	2	0	0	113

Speeds - Average: 66.1 50% : 68.0 67% : 70.5 85% : 74.0 10mph Pace: 65.0 - 74.9 (61.6%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	2	11	2	2	1	0	0	18
Wed	00:15	0	0	0	0	0	0	0	0	0	3	14	6	2	0	0	0	25
	00:30	0	0	0	0	0	0	0	0	0	2	8	6	2	1	0	0	19
	00:45	0	0	0	0	0	0	0	0	0	2	5	5	3	2	0	0	17
	01:00	0	0	0	0	0	0	0	0	0	2	7	2	1	0	1	0	13
	01:15	0	0	0	0	0	0	0	0	1	0	6	4	2	0	0	0	13
	01:30	0	0	0	0	0	0	0	0	0	2	6	2	2	0	0	0	12
	01:45	0	0	0	0	0	0	0	0	0	1	7	5	0	1	0	0	14
	02:00	0	0	0	0	0	0	0	1	1	1	10	2	0	0	0	0	15
	02:15	0	0	0	0	0	0	0	0	0	2	2	5	1	0	0	0	10
	02:30	0	0	0	0	0	0	0	0	1	3	3	0	0	0	0	0	7
	02:45	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	0	4	0	1	0	0	1	0	6
	03:15	0	0	0	0	0	0	0	0	1	3	5	0	0	0	0	0	9
	03:30	0	0	0	0	0	0	0	0	2	2	7	2	1	0	0	0	14
	03:45	0	0	0	0	0	0	0	0	0	4	8	2	2	0	0	0	16
	04:00	0	0	0	0	0	0	0	0	0	1	11	5	2	5	0	0	24
	04:15	0	0	0	0	0	0	0	0	0	1	10	6	1	0	0	0	18
	04:30	0	0	0	0	0	0	0	0	0	4	5	7	5	0	0	0	21
	04:45	0	0	0	0	0	0	0	1	0	5	8	7	5	0	0	0	26
	05:00	0	0	0	0	0	0	0	0	1	3	13	10	1	0	0	0	28
	05:15	0	0	0	0	0	0	0	1	2	3	20	9	7	2	1	0	45
	05:30	0	0	1	0	0	0	0	1	1	2	23	14	9	5	0	0	56
	05:45	0	0	0	0	0	0	0	0	4	3	26	11	5	2	1	0	52
	06:00	0	0	0	0	0	0	0	0	5	8	31	14	3	2	3	0	66
	06:15	0	0	0	0	0	0	0	0	1	12	28	26	5	1	0	0	73
	06:30	0	0	0	0	0	0	0	0	1	10	27	36	14	6	2	0	96
	06:45	0	0	0	0	0	0	0	0	2	3	22	25	24	8	2	0	86
	07:00	0	0	0	0	0	0	0	1	1	0	32	33	27	3	2	0	99
	07:15	0	0	0	0	0	0	0	0	2	13	33	35	22	7	1	0	113
	07:30	0	0	0	0	0	0	0	0	0	12	38	40	20	8	0	0	118
	07:45	0	0	0	0	0	0	0	0	5	15	38	35	14	2	1	0	110
	08:00	0	1	0	0	0	0	0	1	1	14	32	27	10	4	0	0	90
	08:15	0	0	0	0	0	0	0	5	8	27	46	34	9	3	0	0	132
	08:30	0	0	0	0	0	0	10	1	4	25	45	37	8	0	0	0	130
	08:45	0	0	0	0	0	0	3	8	18	32	36	20	2	1	0	0	120
	09:00	0	0	0	0	0	0	0	4	12	19	35	17	10	0	0	0	97
	09:15	0	0	0	0	0	0	0	0	7	24	45	23	5	3	0	0	107
	09:30	0	0	0	0	0	0	0	1	7	22	44	26	6	3	0	0	109
	09:45	0	0	0	0	0	0	1	4	2	18	56	22	5	1	0	0	109
	10:00	1	1	0	1	0	0	0	2	5	18	43	23	9	1	0	0	104
	10:15	0	0	0	0	0	0	0	0	6	16	40	31	7	2	0	0	102
	10:30	0	0	0	0	0	0	0	1	4	23	46	30	6	5	1	0	116
	10:45	0	0	0	0	0	2	3	5	3	12	35	31	10	2	0	0	103
	11:00	0	0	0	0	0	4	0	0	4	21	46	30	18	3	1	0	127
	11:15	0	0	0	0	0	0	0	1	7	20	35	27	5	1	0	0	96
	11:30	0	0	0	0	0	0	1	1	10	11	41	26	16	3	1	0	110
	11:45	0	0	0	0	0	0	0	2	15	27	58	26	10	4	0	0	142
	12:00	0	0	0	0	0	0	0	2	7	16	47	40	15	3	0	0	130
	12:15	0	0	0	0	0	0	0	0	4	19	51	34	17	1	1	0	127

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	2	6	22	47	27	14	3	2	0	123
Wed	12:45	0	0	0	0	0	0	0	3	15	23	52	26	8	1	0	0	128
	13:00	0	0	0	0	0	0	0	1	12	21	49	38	8	3	0	0	132
	13:15	0	0	0	0	0	0	2	4	13	24	47	32	7	4	0	0	133
	13:30	0	0	0	0	0	0	0	2	11	24	58	32	8	0	0	0	135
	13:45	0	0	0	0	0	0	0	1	4	16	70	36	17	2	1	0	147
	14:00	1	0	1	0	0	0	0	2	16	30	55	27	6	1	0	0	139
	14:15	0	0	0	0	0	0	0	2	9	36	52	57	13	1	0	0	170
	14:30	0	0	0	0	0	0	0	3	5	34	67	42	8	4	0	0	163
	14:45	0	0	0	0	0	0	1	1	10	30	59	50	9	4	0	0	164
	15:00	1	0	0	0	0	0	1	4	9	26	65	36	14	1	0	0	157
	15:15	0	0	0	0	0	0	0	2	15	25	71	52	11	0	0	0	176
	15:30	0	1	0	0	0	0	1	3	12	37	70	36	17	1	0	0	178
	15:45	0	0	0	0	0	1	3	7	12	35	53	53	18	3	0	0	185
	16:00	0	0	1	0	0	0	0	4	13	37	61	46	14	4	0	0	180
	16:15	0	0	0	0	0	0	0	5	25	52	75	43	10	3	0	0	213
	16:30	32	11	5	2	2	4	1	8	11	23	28	30	5	3	0	0	165
	16:45	29	15	25	11	4	10	11	14	22	23	32	13	0	0	0	0	209
	17:00	0	0	0	0	0	0	0	2	4	32	74	69	20	1	1	0	203
	17:15	26	20	32	10	7	2	3	6	10	6	11	9	2	0	0	0	144
	17:30	4	3	4	7	11	9	4	9	12	26	42	31	11	3	0	0	176
	17:45	0	0	0	0	0	0	0	1	4	16	70	51	14	8	1	0	165
	18:00	0	0	0	0	0	0	0	0	4	18	64	48	22	8	1	0	165
	18:15	1	0	0	0	0	0	0	1	6	13	42	40	20	9	0	0	132
	18:30	0	0	0	0	0	0	0	1	3	15	55	38	15	6	0	0	133
	18:45	0	0	0	0	0	0	0	1	5	11	43	46	21	6	1	0	134
	19:00	0	0	0	0	0	0	0	1	3	11	38	36	20	6	2	0	117
	19:15	0	0	0	0	0	0	0	0	1	5	31	27	20	3	0	0	87
	19:30	0	0	0	0	0	0	0	0	0	21	28	30	10	4	0	0	93
	19:45	0	0	0	0	0	0	0	0	4	12	40	36	13	3	0	0	108
	20:00	0	0	0	0	0	0	0	0	4	12	42	24	8	1	0	0	91
	20:15	0	0	0	0	0	0	0	2	6	23	35	16	4	0	2	0	88
	20:30	0	0	0	0	0	0	0	1	4	21	41	16	11	2	0	0	96
	20:45	0	0	0	0	0	0	0	1	4	23	32	22	6	5	0	0	93
	21:00	0	0	0	0	0	0	0	2	7	10	23	13	9	3	2	0	69
	21:15	0	0	0	0	0	0	0	0	4	12	33	20	9	5	0	0	83
	21:30	0	0	0	0	0	0	0	1	2	16	25	16	8	0	0	0	68
	21:45	0	0	0	0	0	0	0	0	0	4	28	14	3	0	0	0	49
	22:00	0	0	0	0	0	0	0	1	0	4	23	8	1	2	0	0	39
	22:15	0	0	0	0	0	0	0	2	1	3	18	7	2	2	0	0	35
	22:30	0	0	0	0	0	0	0	1	4	10	13	12	1	1	0	0	42
	22:45	0	0	0	0	0	0	1	0	3	4	6	6	3	0	0	0	23
	23:00	0	0	0	0	0	0	0	0	0	1	5	9	1	2	0	0	18
	23:15	0	0	0	0	0	0	0	0	2	1	10	7	4	1	0	0	25
	23:30	0	0	0	0	0	0	0	0	0	4	11	7	4	2	0	0	28
	23:45	0	0	0	0	0	0	0	0	0	0	4	16	4	0	0	0	24

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		95	52	69	31	24	32	46	144	472	1345	3147	2211	804	217	32	0	8721
Percent :		1%	1%	1%	0%	0%	0%	1%	2%	5%	15%	36%	25%	9%	2%	0%	0%	
Average :		1	1	1	0	0	0	0	2	5	14	33	23	8	2	0	0	92

Speeds - Average: 67.0 50% : 68.3 67% : 71.0 85% : 74.4 10mph Pace: 65.0 - 74.9 (61.4%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	3	2	8	7	0	0	0	0	20
Thu	00:15	0	0	0	0	0	0	0	0	1	1	6	4	3	0	1	0	16
	00:30	0	0	0	0	0	0	0	0	1	4	4	7	2	0	0	0	18
	00:45	0	0	0	0	0	0	0	0	0	2	11	9	1	1	0	0	24
	01:00	0	0	0	0	0	0	0	0	0	0	10	3	0	0	0	0	13
	01:15	0	0	0	0	0	0	0	0	0	3	4	6	1	2	0	0	16
	01:30	0	0	0	0	0	0	0	0	0	1	3	7	2	1	0	0	14
	01:45	0	0	0	0	0	0	0	0	0	2	5	6	0	0	0	0	13
	02:00	0	0	0	0	0	0	0	0	1	4	7	4	1	2	0	0	19
	02:15	0	0	0	0	0	0	0	1	0	2	3	2	0	0	0	0	8
	02:30	0	0	0	0	0	0	0	0	1	1	2	2	0	1	0	0	7
	02:45	0	0	0	0	0	0	0	0	0	0	4	2	2	0	0	0	8
	03:00	0	0	0	0	0	0	0	0	1	3	2	1	1	1	0	0	9
	03:15	0	0	0	0	0	0	0	0	1	0	2	5	0	0	0	0	8
	03:30	0	0	0	0	0	0	0	1	0	0	4	5	0	0	0	0	10
	03:45	0	0	0	0	0	0	1	1	1	3	4	5	0	0	0	0	15
	04:00	0	0	0	0	0	0	0	0	0	3	6	5	4	2	0	0	20
	04:15	0	0	0	0	0	0	0	0	2	3	7	5	2	1	0	0	20
	04:30	0	0	0	0	0	0	0	1	1	4	5	5	1	2	0	0	19
	04:45	0	0	0	0	0	0	0	0	1	3	7	11	3	2	1	0	28
	05:00	0	0	0	0	0	0	0	1	2	2	12	5	3	1	0	0	26
	05:15	0	0	0	0	0	0	0	0	5	4	12	13	4	2	2	0	42
	05:30	0	0	0	0	0	0	0	4	4	7	13	21	3	2	0	0	54
	05:45	0	0	0	0	0	0	0	0	3	8	21	12	5	1	1	0	51
	06:00	0	0	0	0	0	0	0	1	4	12	22	14	5	1	0	0	59
	06:15	1	1	0	0	0	1	0	0	2	7	31	18	7	0	0	0	68
Daily Total :		1	1	0	0	0	1	1	10	34	81	215	184	50	22	5	0	605
Percent :		0%	0%	0%	0%	0%	0%	0%	2%	6%	13%	36%	30%	8%	4%	1%	0%	
Average :		0	0	0	0	0	0	0	0	1	3	8	7	2	1	0	0	90

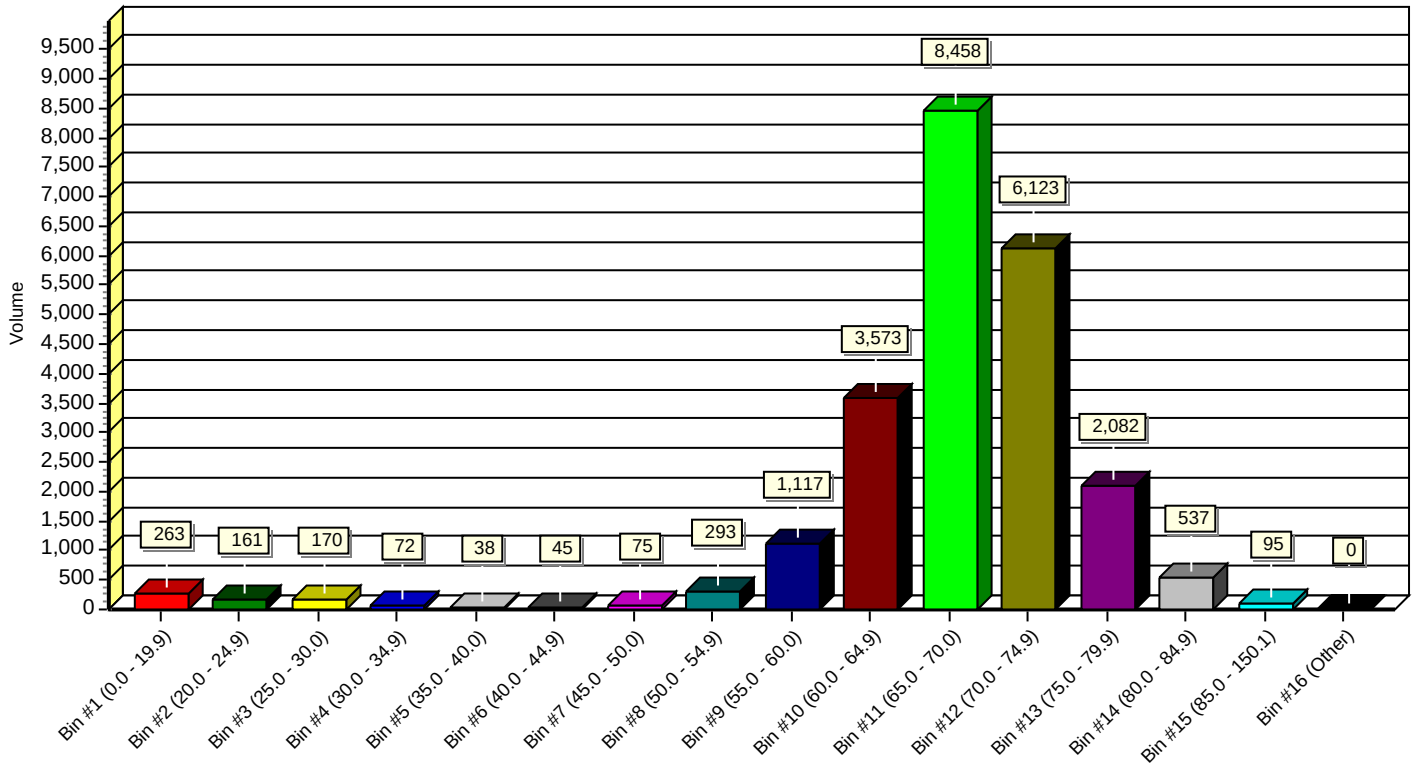
Speeds - Average: 69.0 50% : 68.9 67% : 72.0 85% : 74.6 10mph Pace: 65.0 - 74.9 (66.0%)

Basic Speed Class Summary: 4D0310456

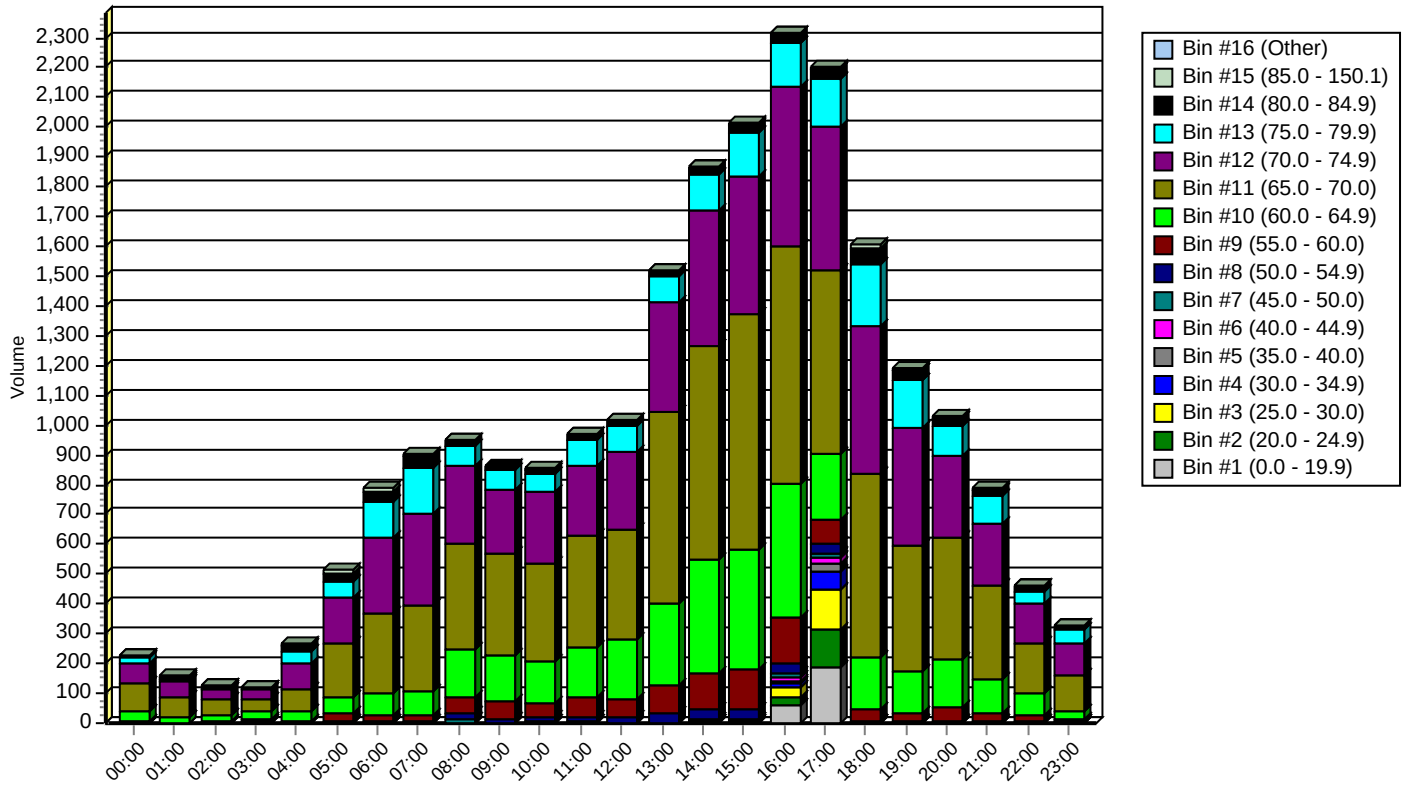
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	263	161	170	72	38	45	75	293	1117	3573	8458	6123	2082	537	95	0	23102
		263	161	170	72	38	45	75	293	1117	3573	8458	6123	2082	537	95	0	23102
Percents :	#1.	1%	1%	1%	0%	0%	0%	0%	1%	5%	15%	37%	27%	9%	2%	0%	0%	100%
		1%	1%	1%	0%	0%	0%	0%	1%	5%	15%	37%	27%	9%	2%	0%	0%	
Average :	#1.	1	1	1	0	0	0	0	1	4	14	32	23	8	2	0	0	87
		1	1	1	0	0	0	0	1	4	14	32	23	8	2	0	0	87
Days & ADT :	#1.	2.7	8497															
		2.7	8497															
Avg,50,67,85%:	#1.	67.2	68.4	71.1	74.4	65.0	- 74.9	63%										
		67.2	68.4	71.1	74.4	65.0	- 74.9	63%										

4D0310456 Speed Class Charts For Data From: 13:15 - 04/11/2011 To: 06:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0310456

Station ID : 4P0310456
Info Line 1 : WB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 4P0310456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11463
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 13:15 - 04/11/2011 To: 06:44 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	13:15	0	40	41	0	1	0	0	0	1	0	0	0	0	0	83
Mon	13:30	0	30	16	0	0	1	0	0	1	0	0	0	0	0	48
	13:45	0	38	19	2	1	0	0	0	2	0	0	0	0	0	62
	14:00	0	32	18	0	0	0	0	0	1	0	0	0	0	0	51
	14:15	0	41	23	0	0	0	0	0	2	0	0	0	0	0	66
	14:30	1	46	31	1	0	1	0	0	0	0	0	0	0	2	82
	14:45	0	43	31	0	0	0	0	1	1	0	0	0	0	0	76
	15:00	0	55	24	0	0	0	0	1	2	0	0	0	1	0	83
	15:15	0	42	21	0	0	0	0	2	1	0	0	0	0	0	66
	15:30	0	55	27	0	0	0	0	1	1	0	0	0	0	1	85
	15:45	1	42	32	0	0	0	0	0	0	0	0	0	2	1	78
	16:00	0	60	28	0	0	1	0	0	2	0	0	0	0	1	92
	16:15	1	47	27	0	0	0	0	0	1	0	0	0	0	1	77
	16:30	0	55	39	1	0	0	0	0	3	0	0	0	0	1	99
	16:45	1	79	40	1	0	0	0	1	1	0	0	0	0	0	123
	17:00	0	74	35	0	1	0	0	0	1	0	0	0	0	1	112
	17:15	0	105	39	0	0	0	0	0	2	0	0	0	0	1	147
	17:30	0	70	36	1	0	0	0	1	1	0	0	0	0	0	109
	17:45	0	53	31	0	0	0	0	0	0	2	0	0	0	0	86
	18:00	1	50	28	0	0	0	0	0	2	0	0	0	0	1	82
	18:15	0	43	20	0	0	0	0	2	0	0	0	1	0	0	66
	18:30	2	29	18	0	0	0	0	0	0	0	0	0	0	0	49
	18:45	1	18	10	0	0	0	0	0	1	0	0	0	0	0	30
	19:00	0	23	5	0	0	0	0	0	0	0	0	0	0	0	28
	19:15	0	20	10	0	0	0	0	0	1	0	0	0	0	0	31
	19:30	1	22	10	0	1	0	0	0	1	0	0	0	0	0	35
	19:45	0	16	8	0	0	0	0	0	0	0	0	0	0	0	24
	20:00	0	15	12	0	0	0	0	0	0	0	0	0	0	0	27
	20:15	0	13	9	0	0	0	0	0	3	0	0	1	0	0	26
	20:30	0	13	6	0	0	0	0	0	1	0	0	0	0	0	20
	20:45	1	13	4	0	0	1	0	0	0	0	0	0	0	0	19
	21:00	0	12	4	0	0	0	0	0	1	0	0	0	0	0	17
	21:15	0	15	5	0	0	0	0	0	1	0	0	1	1	0	23
	21:30	0	6	5	0	0	0	0	1	0	0	0	0	1	0	13

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	21:45	0	15	3	0	0	0	0	0	0	0	0	0	0	0	18
Mon	22:00	0	5	2	0	0	0	0	1	0	0	0	0	0	0	8
	22:15	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	22:30	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	22:45	1	3	1	0	0	0	0	0	0	0	0	0	0	0	5
	23:00	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
	23:15	0	5	2	0	1	0	0	0	0	0	0	0	0	0	8
	23:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	23:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		11	1355	729	6	5	4	0	11	34	2	0	3	5	10	2175
	Percent :	1%	62%	34%	0%	0%	0%	0%	1%	2%	0%	0%	0%	0%	0%	
	Average :	0	32	17	0	0	0	0	0	1	0	0	0	0	0	50

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	04:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	05:15	0	2	0	0	1	0	0	0	0	0	0	0	0	0	3
	05:30	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	05:45	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	06:00	0	4	4	0	0	0	0	0	1	0	0	0	0	0	9
	06:15	0	6	5	0	0	1	0	0	0	0	0	0	0	0	12
	06:30	0	11	13	0	0	0	0	1	1	0	0	0	0	0	26
	06:45	0	11	3	0	0	0	0	0	0	0	0	0	0	0	14
	07:00	0	8	6	0	0	0	0	0	0	0	0	0	0	0	14
	07:15	2	15	8	0	0	0	0	0	0	0	0	0	0	0	25
	07:30	0	15	13	0	0	0	0	0	0	0	0	0	1	0	29
	07:45	0	24	12	1	0	0	0	0	0	0	0	0	1	0	38
	08:00	0	1	3	1	0	0	0	0	0	0	0	0	0	0	5
	08:15	0	6	11	0	0	0	0	0	0	0	0	0	0	0	17
	08:30	0	12	11	0	0	0	0	0	1	0	0	0	0	0	24
	08:45	0	13	16	1	0	0	0	0	2	0	0	0	1	0	33
	09:00	0	17	9	0	0	0	0	0	0	0	0	0	0	0	26
	09:15	0	9	7	1	0	0	0	0	0	0	0	1	0	1	19
	09:30	0	11	11	0	1	0	0	0	1	0	0	0	1	0	25
	09:45	0	9	9	0	0	0	0	0	0	1	0	0	0	0	19
	10:00	0	5	6	0	1	0	0	0	0	0	0	0	0	0	12
	10:15	0	12	4	0	0	0	0	1	1	0	0	0	0	0	18
	10:30	0	2	10	0	0	0	0	0	2	0	0	0	0	0	14
	10:45	0	8	8	0	1	0	0	0	0	0	0	0	0	0	17
	11:00	0	7	14	0	0	0	0	0	0	0	0	0	0	0	21
	11:15	0	13	6	0	0	0	0	0	1	0	0	0	0	0	20
	11:30	1	5	8	0	0	0	0	0	2	0	0	0	0	0	16
	11:45	0	12	11	0	0	0	0	0	1	0	0	0	0	0	24
	12:00	0	16	11	0	0	0	0	0	0	0	0	0	1	0	28
	12:15	1	9	8	0	0	0	0	0	1	1	0	0	0	0	20

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	9	7	0	1	0	0	0	0	0	0	0	0	0	17
Tue	12:45	0	13	6	0	0	1	0	0	0	0	0	0	2	0	22
	13:00	1	12	5	0	0	0	0	0	1	0	0	0	0	0	19
	13:15	0	15	16	0	0	0	0	0	0	0	0	0	0	0	31
	13:30	0	14	13	0	0	0	0	0	0	0	0	0	0	0	27
	13:45	0	11	15	0	0	0	0	0	0	0	0	0	0	0	26
	14:00	0	20	7	0	1	0	0	1	2	0	0	0	0	0	31
	14:15	0	26	19	0	0	0	0	0	1	0	0	0	0	0	46
	14:30	0	23	20	0	0	0	0	0	2	0	0	0	0	0	45
	14:45	0	20	9	0	0	0	0	0	1	0	0	0	0	0	30
	15:00	0	23	16	0	0	0	0	0	0	1	0	0	1	0	41
	15:15	0	32	12	0	0	0	0	1	0	1	0	0	0	0	46
	15:30	0	29	11	0	0	0	0	1	1	0	0	0	0	0	42
	15:45	0	23	21	1	0	0	0	0	1	0	0	0	0	0	46
	16:00	0	38	17	0	1	0	0	1	1	0	0	0	0	0	58
	16:15	0	36	16	0	0	0	0	0	1	0	0	0	0	0	53
	16:30	0	39	22	0	0	0	0	1	2	0	0	0	1	0	65
	16:45	0	46	16	0	2	0	0	0	1	0	0	0	0	0	65
	17:00	1	28	13	0	0	0	0	0	0	0	0	0	1	0	43
	17:15	1	33	7	0	0	0	0	0	1	0	0	0	1	2	45
	17:30	0	18	14	0	0	0	0	1	4	0	0	0	1	0	38
	17:45	0	22	22	0	0	0	0	0	1	0	0	0	0	0	45
	18:00	0	32	23	0	0	0	0	0	2	0	0	0	0	0	57
	18:15	0	38	14	0	0	0	0	0	0	0	0	0	0	0	52
	18:30	0	25	19	0	0	0	0	0	2	0	0	0	0	0	46
	18:45	0	34	9	0	0	0	0	0	1	0	0	0	0	0	44
	19:00	0	20	13	0	0	0	0	0	0	1	0	0	0	0	34
	19:15	0	25	15	0	0	0	0	0	0	0	0	0	1	0	41
	19:30	0	18	17	0	0	0	0	0	2	0	0	0	2	0	39
	19:45	0	19	16	0	0	0	0	0	0	0	0	0	0	0	35
	20:00	0	12	7	0	0	0	0	0	0	0	0	0	0	1	20
	20:15	0	21	13	0	0	0	0	1	0	0	0	0	0	0	35
	20:30	1	12	11	0	0	0	0	0	0	0	0	0	1	0	25
	20:45	0	16	8	0	0	0	0	0	0	0	0	0	0	0	24
	21:00	0	9	5	0	0	0	0	0	1	0	0	0	0	0	15
	21:15	2	14	6	0	0	0	0	0	0	0	0	0	0	0	22
	21:30	0	8	2	0	1	0	0	0	0	0	0	0	0	0	11
	21:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	22:00	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	22:15	0	4	7	0	0	0	0	0	0	0	0	0	0	0	11
	22:30	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
	22:45	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
	23:00	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	23:15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	23:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		10	1148	751	5	10	2	0	10	44	5	0	1	16	4	2006
	Percent :	0%	57%	37%	0%	0%	0%	0%	0%	2%	0%	0%	0%	1%	0%	
	Average :	0	12	8	0	0	0	0	0	0	0	0	0	0	0	20

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	00:30	0	1	2	0	1	0	0	0	0	0	0	0	0	0	4
	00:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
	04:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	04:45	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	05:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	05:15	0	2	1	0	0	1	0	0	1	0	0	0	0	0	5
	05:30	0	7	2	0	0	1	0	0	1	0	0	0	0	0	11
	05:45	0	4	5	0	0	0	0	0	0	0	0	0	0	0	9
	06:00	0	8	4	1	0	0	0	0	1	0	0	0	0	0	14
	06:15	0	8	11	0	0	0	0	0	0	0	0	0	1	0	20
	06:30	0	13	13	0	0	0	0	0	0	0	0	0	0	0	26
	06:45	0	12	12	0	0	0	0	0	0	0	0	0	0	0	24
	07:00	0	8	10	0	0	0	0	0	0	0	0	0	1	0	19
	07:15	0	19	14	0	1	0	0	0	0	0	0	0	0	0	34
	07:30	0	20	15	2	0	0	0	0	1	0	0	0	0	0	38
	07:45	0	14	19	1	2	1	0	0	1	0	0	0	0	0	38
	08:00	0	9	11	1	0	0	0	0	0	0	0	0	0	0	21
	08:15	0	10	12	1	0	0	0	1	1	0	0	0	1	1	27
	08:30	0	7	13	0	0	0	0	0	1	0	0	0	0	0	21
	08:45	0	10	15	0	1	0	0	0	2	0	0	0	0	0	28
	09:00	0	11	9	0	0	0	0	0	1	0	0	0	0	0	21
	09:15	0	18	9	0	0	0	0	0	0	0	0	0	0	0	27
	09:30	0	10	18	0	0	0	0	0	3	0	0	0	0	0	31
	09:45	0	13	8	0	1	0	0	1	3	0	0	0	0	0	26
	10:00	0	14	15	0	0	0	0	0	3	0	0	0	0	0	32
	10:15	0	9	11	0	1	0	0	0	2	1	0	0	0	0	24
	10:30	0	9	11	0	0	0	0	0	0	1	0	0	1	0	22
	10:45	0	16	21	0	0	0	0	0	2	0	0	0	0	0	39
	11:00	0	15	14	0	0	0	0	0	2	0	0	0	0	0	31
	11:15	0	15	13	0	0	1	0	0	1	0	0	0	0	0	30
	11:30	0	16	24	0	0	0	0	0	1	0	0	0	2	0	43
	11:45	0	31	22	0	0	0	0	0	2	1	0	0	0	0	56
	12:00	1	19	13	0	0	1	0	0	0	0	0	0	1	0	35
	12:15	0	15	10	0	0	0	0	0	1	1	0	0	0	0	27

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	18	18	0	0	0	0	0	1	0	0	0	1	1	39
Wed	12:45	0	24	19	0	0	0	0	0	0	0	0	0	0	0	43
	13:00	0	27	16	0	1	0	0	0	2	1	0	0	0	0	47
	13:15	0	24	20	0	1	0	0	0	2	0	0	0	0	0	47
	13:30	0	33	21	0	1	0	0	0	1	3	0	0	1	0	60
	13:45	0	35	23	0	0	0	0	0	1	0	0	0	0	1	60
	14:00	0	42	38	1	0	0	0	0	3	1	0	0	0	0	85
	14:15	1	32	27	0	1	0	0	0	2	0	0	0	0	0	63
	14:30	0	39	20	0	1	0	0	0	1	0	0	0	0	1	62
	14:45	0	26	22	0	0	0	0	0	0	0	0	0	0	0	48
	15:00	0	34	31	0	0	0	0	0	3	0	0	0	2	1	71
	15:15	0	40	36	0	0	0	0	0	0	0	0	0	0	0	76
	15:30	0	42	34	0	2	0	0	1	0	0	0	0	2	0	81
	15:45	0	51	33	0	1	0	0	0	4	0	0	0	0	0	89
	16:00	0	51	33	0	0	0	0	1	0	0	0	0	1	0	86
	16:15	0	42	37	0	0	0	0	0	3	0	0	0	0	2	84
	16:30	1	48	26	0	0	0	0	1	2	0	0	0	0	1	79
	16:45	1	45	36	0	0	0	0	0	1	0	0	0	0	1	84
	17:00	0	56	35	0	0	0	0	3	1	0	0	0	0	1	96
	17:15	0	62	41	0	0	0	0	3	3	0	0	0	3	1	113
	17:30	0	56	36	0	1	1	0	0	1	0	0	0	0	2	97
	17:45	0	41	40	0	0	0	0	0	0	0	0	0	0	0	81
	18:00	0	36	28	0	1	0	0	1	2	0	0	0	0	0	68
	18:15	0	35	18	0	0	0	0	0	0	0	0	0	1	0	54
	18:30	0	30	14	0	0	0	0	0	0	0	0	0	0	0	44
	18:45	1	31	15	0	2	0	0	0	1	0	0	0	0	1	51
	19:00	0	31	15	0	0	0	0	1	1	0	0	0	0	0	48
	19:15	0	17	7	0	0	0	0	0	0	0	0	0	0	1	25
	19:30	0	22	14	0	0	0	0	0	3	0	0	0	0	0	39
	19:45	0	15	19	0	1	0	0	0	2	0	0	0	0	0	37
	20:00	0	20	10	0	0	0	0	0	0	1	0	0	0	0	31
	20:15	0	21	15	0	0	0	0	0	0	0	1	1	1	0	39
	20:30	0	17	7	1	0	0	0	0	1	0	0	0	0	0	26
	20:45	0	23	12	0	0	0	0	0	0	0	0	0	0	0	35
	21:00	0	13	14	0	0	0	0	0	0	0	0	0	0	0	27
	21:15	0	16	5	0	0	0	0	0	0	0	0	0	0	0	21
	21:30	0	14	5	0	0	0	0	0	0	0	0	0	0	0	19
	21:45	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	22:00	0	2	5	0	0	0	0	0	0	0	0	0	0	0	7
	22:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	22:30	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	22:45	0	4	4	0	0	0	0	0	1	0	0	0	0	0	9
	23:00	0	0	2	0	0	0	0	0	1	0	0	0	0	0	3
	23:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	23:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Daily Total :		5	1604	1218	9	23	6	0	13	77	10	1	2	19	15	3002
	Percent :	0%	53%	41%	0%	1%	0%	0%	0%	3%	0%	0%	0%	1%	0%	
	Average :	0	17	13	0	0	0	0	0	1	0	0	0	0	0	31

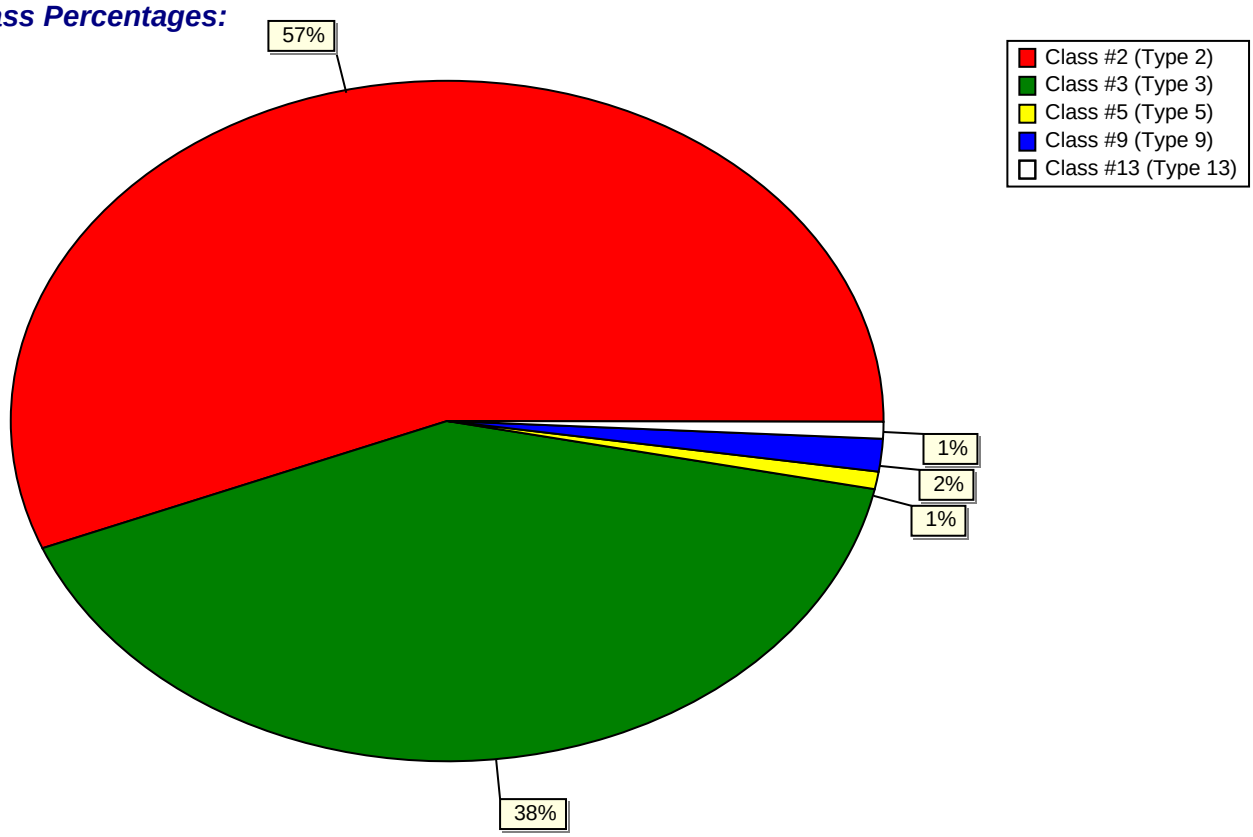
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:00	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
	05:00	0	0	2	0	0	1	0	0	0	0	0	0	0	0	3
	05:15	0	3	2	1	0	0	0	0	0	0	0	0	0	0	6
	05:30	0	3	4	0	0	1	0	0	0	0	0	0	0	0	8
	05:45	0	4	2	0	1	0	0	0	0	0	0	0	0	0	7
	06:00	0	9	3	0	0	0	0	0	2	0	0	0	0	0	14
	06:15	0	10	10	0	0	0	0	1	0	0	0	0	0	0	21
Daily Total :		1	46	30	1	1	2	0	1	3	0	0	0	0	0	85
Percent :		1%	54%	35%	1%	1%	2%	0%	1%	4%	0%	0%	0%	0%	0%	
Average :		0	2	1	0	0	0	0	0	0	0	0	0	0	0	3

Basic Axle Class Summary: 4P0310456

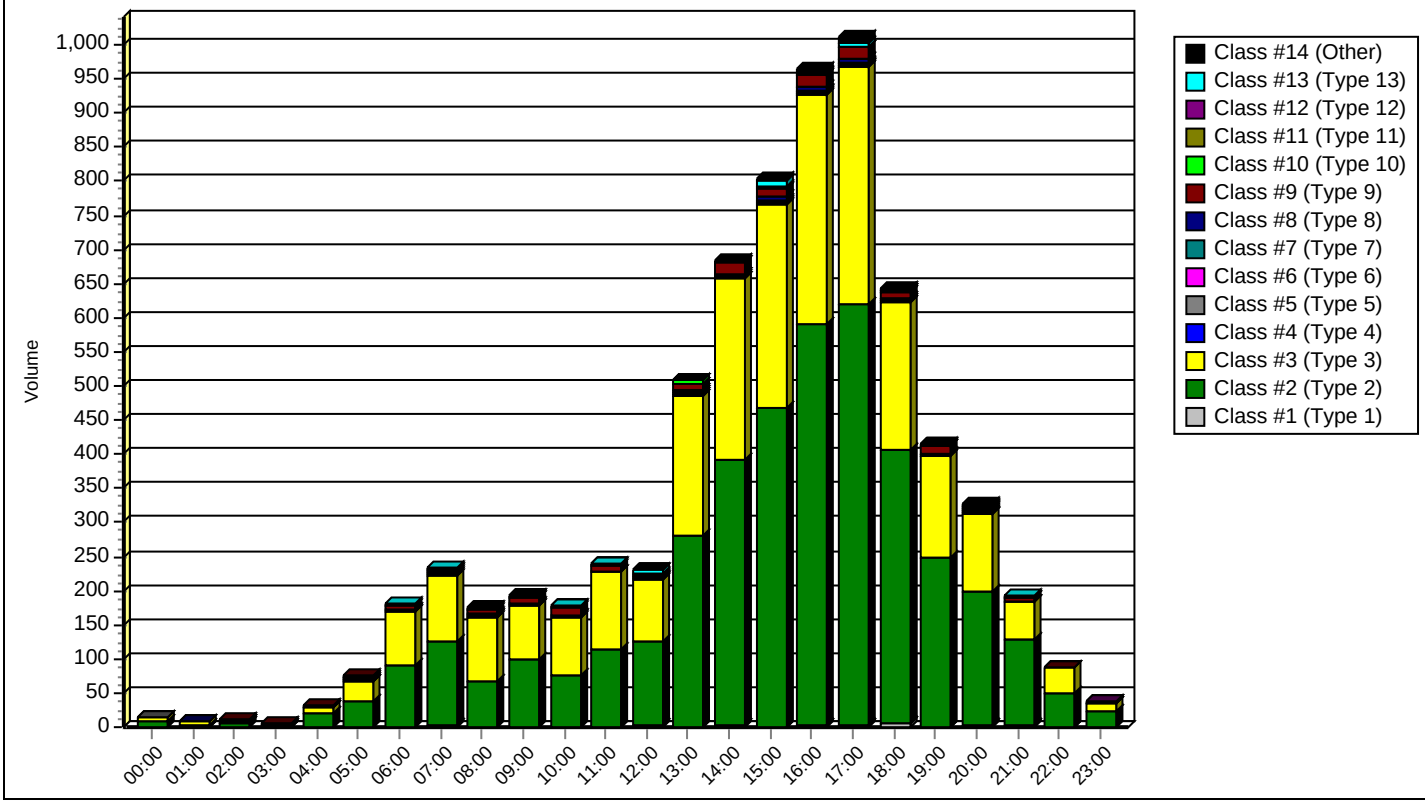
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	27	4153	2728	21	39	14	0	35	158	17	1	6	40	29	7268
		27	4153	2728	21	39	14	0	35	158	17	1	6	40	29	7268
Percents :	#1.	0%	57%	38%	0%	1%	0%	0%	0%	2%	0%	0%	0%	1%	0%	100%
		0%	57%	38%	0%	1%	0%	0%	0%	2%	0%	0%	0%	1%	0%	
Average :	#1.	0	16	10	0	0	0	0	0	1	0	0	0	0	0	27
		0	16	10	0	0	0	0	0	1	0	0	0	0	0	27
Days & ADT :	#1.	2.7	2673													
		2.7	2673													

4P0310456 Axle Class Charts For Data From: 13:15 - 04/11/2011 To: 06:44 - 04/14/2011

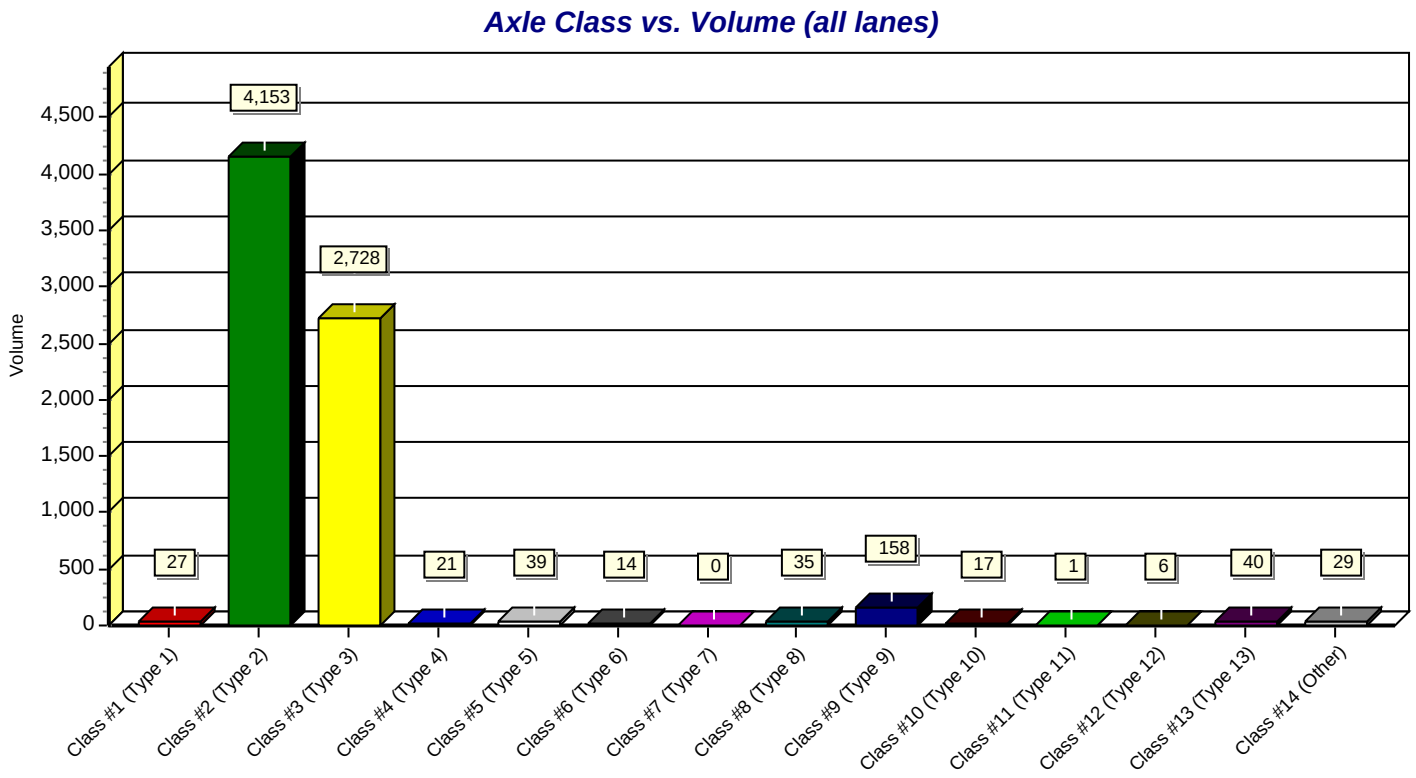
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0310456 Axle Class Charts For Data From: 13:15 - 04/11/2011 To: 06:44 - 04/14/2011



Basic Speed Classification Report: 4P0310456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 13:15 - 04/11/2011 To: 06:44 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	13:15	0	0	0	0	0	0	0	2	3	20	33	19	4	2	0	0	83
Mon	13:30	0	0	0	0	0	0	0	0	0	4	20	17	5	1	1	0	48
	13:45	0	0	0	0	0	0	0	0	0	10	22	22	7	1	0	0	62
	14:00	0	0	0	0	0	0	0	0	1	3	16	28	3	0	0	0	51
	14:15	0	0	0	0	0	0	0	0	1	6	29	19	10	1	0	0	66
	14:30	0	0	0	0	0	0	0	0	0	7	28	37	9	1	0	0	82
	14:45	0	0	0	0	0	0	0	0	2	8	24	25	13	3	1	0	76
	15:00	0	0	0	0	0	0	0	1	2	9	37	26	7	1	0	0	83
	15:15	0	0	0	0	0	0	0	0	2	7	20	27	10	0	0	0	66
	15:30	0	0	0	0	0	0	0	0	0	8	35	31	10	1	0	0	85
	15:45	0	0	0	0	0	0	0	0	0	7	30	31	10	0	0	0	78
	16:00	0	0	0	0	0	0	0	0	1	7	33	34	16	1	0	0	92
	16:15	0	0	0	0	0	0	0	0	2	5	33	29	6	2	0	0	77
	16:30	0	0	0	0	0	0	0	0	0	3	38	42	15	1	0	0	99
	16:45	0	0	0	0	0	0	0	0	0	6	44	52	17	3	1	0	123
	17:00	0	0	0	0	0	0	0	0	0	5	36	55	12	4	0	0	112
	17:15	0	0	0	0	0	0	0	0	1	4	40	73	25	3	1	0	147
	17:30	0	0	0	0	0	0	0	0	0	5	37	44	21	2	0	0	109
	17:45	0	0	0	0	0	0	0	0	0	0	20	36	29	1	0	0	86
	18:00	0	0	0	0	0	0	0	0	0	0	23	39	17	2	1	0	82
	18:15	0	1	0	0	0	0	0	0	1	3	16	19	21	5	0	0	66
	18:30	0	0	0	0	0	0	0	0	0	0	8	18	15	8	0	0	49
	18:45	0	0	0	0	0	0	0	0	0	1	5	12	9	2	1	0	30
	19:00	0	0	0	0	0	0	0	0	0	0	9	12	5	1	1	0	28
	19:15	0	0	0	0	0	0	0	0	0	0	7	8	13	3	0	0	31
	19:30	0	0	0	0	0	0	0	0	0	0	7	14	9	3	2	0	35
	19:45	0	0	0	0	0	0	0	0	0	0	9	9	6	0	0	0	24
	20:00	0	0	0	0	0	0	0	0	0	1	10	10	6	0	0	0	27
	20:15	0	0	0	0	0	0	0	0	0	1	9	10	6	0	0	0	26
	20:30	0	0	0	0	0	0	0	0	1	1	6	6	3	3	0	0	20
	20:45	0	0	0	0	0	0	0	0	0	0	3	8	8	0	0	0	19
	21:00	0	0	0	0	0	0	0	0	0	0	5	9	3	0	0	0	17
	21:15	0	0	0	0	0	0	0	0	0	0	11	7	4	1	0	0	23
	21:30	0	0	0	0	0	0	0	0	0	0	5	6	1	0	1	0	13
	21:45	0	0	0	0	0	0	0	0	0	0	10	4	3	1	0	0	18
	22:00	0	0	0	0	0	0	0	0	0	1	1	4	1	1	0	0	8
	22:15	0	0	0	0	0	0	0	0	0	1	2	1	2	0	0	0	6
	22:30	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	6
	22:45	0	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	5
	23:00	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	5

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
4/11/201	23:15	0	0	0	0	0	0	0	0	0	0	1	4	1	1	1	0	8
Mon	23:30	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Daily Total :		0	1	0	0	0	0	0	3	17	133	732	852	366	60	11	0	2175
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	34%	39%	17%	3%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	3	17	20	9	1	0	0	27

Speeds - Average: 71.3 50% : 71.3 67% : 73.4 85% : 76.6 10mph Pace: 65.0 - 74.9 (72.8%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	3
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	6
	05:15	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	0	0	5	0	3	0	0	8
	05:45	0	0	0	0	0	0	0	0	0	0	0	4	4	0	1	0	9
	06:00	0	0	0	0	0	0	0	0	0	0	2	5	1	1	0	0	9
	06:15	0	0	0	0	0	0	0	0	0	1	1	6	3	1	0	0	12
	06:30	0	0	0	0	0	0	0	0	0	0	3	10	8	5	0	0	26
	06:45	0	0	0	0	0	0	0	0	0	0	1	2	8	2	1	0	14
	07:00	0	0	0	0	0	0	0	0	0	0	3	4	5	1	1	0	14
	07:15	1	0	0	0	0	0	0	0	0	0	2	16	5	1	0	0	25
	07:30	0	0	0	0	0	0	0	0	0	2	8	13	4	1	1	0	29
	07:45	0	0	0	0	0	0	0	0	0	0	3	12	16	6	1	0	38
	08:00	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	5
	08:15	0	0	0	0	0	0	0	0	0	0	2	7	7	0	1	0	17
	08:30	0	0	0	0	0	0	0	0	0	2	5	11	4	2	0	0	24
	08:45	0	0	0	0	0	0	0	0	0	4	14	8	5	2	0	0	33
	09:00	0	0	0	0	0	0	0	0	0	2	10	6	5	3	0	0	26
	09:15	0	0	0	0	0	0	0	0	1	1	4	7	6	0	0	0	19
	09:30	0	0	0	0	0	0	0	0	2	1	7	10	4	1	0	0	25
	09:45	0	0	0	0	0	0	0	0	0	2	8	6	2	1	0	0	19
	10:00	0	0	0	0	0	0	0	0	0	1	2	6	3	0	0	0	12
	10:15	0	0	0	0	0	0	0	0	1	1	7	5	4	0	0	0	18
	10:30	0	0	0	0	0	1	0	0	0	3	3	3	3	1	0	0	14
	10:45	0	0	0	0	0	0	0	0	0	1	3	8	3	2	0	0	17
	11:00	0	0	0	0	0	0	0	0	0	0	9	7	3	2	0	0	21
	11:15	0	0	0	0	0	0	0	0	0	1	6	11	0	2	0	0	20
	11:30	1	0	0	0	0	0	0	0	0	0	6	7	0	2	0	0	16
	11:45	0	0	0	0	0	0	0	0	0	2	9	4	8	1	0	0	24
	12:00	0	0	0	0	0	0	0	0	1	1	8	11	4	3	0	0	28
	12:15	0	1	0	0	0	0	0	0	0	3	4	9	2	1	0	0	20

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	0	6	6	3	1	1	0	17
Tue	12:45	0	0	0	0	0	0	0	0	0	2	8	7	2	3	0	0	22
	13:00	0	0	0	0	0	0	0	0	2	0	3	11	2	1	0	0	19
	13:15	0	0	0	0	0	0	0	0	0	1	5	13	8	2	2	0	31
	13:30	0	0	0	0	0	0	0	0	1	2	8	10	4	1	1	0	27
	13:45	0	0	0	0	0	0	0	0	0	4	1	11	6	3	1	0	26
	14:00	0	0	0	0	0	0	0	0	0	2	10	13	5	0	1	0	31
	14:15	0	0	0	0	0	0	0	0	2	7	12	16	7	2	0	0	46
	14:30	0	0	0	0	0	0	0	0	4	2	15	13	9	2	0	0	45
	14:45	0	0	0	0	0	0	0	1	0	4	11	8	4	2	0	0	30
	15:00	0	0	0	0	0	0	0	0	0	4	18	11	5	3	0	0	41
	15:15	0	0	0	0	0	0	0	1	0	2	10	13	14	6	0	0	46
	15:30	0	0	0	0	0	0	0	0	0	2	9	18	10	3	0	0	42
	15:45	0	0	0	0	0	0	0	0	0	1	18	18	7	2	0	0	46
	16:00	0	0	0	0	0	0	0	1	1	4	23	17	10	2	0	0	58
	16:15	0	0	0	0	0	0	0	0	0	1	17	12	20	3	0	0	53
	16:30	0	0	0	0	0	0	0	0	1	2	16	30	11	4	1	0	65
	16:45	0	0	0	0	0	0	0	0	1	3	15	23	19	4	0	0	65
	17:00	3	1	0	1	1	0	3	4	0	6	7	9	4	4	0	0	43
	17:15	6	6	9	14	6	1	2	0	1	0	0	0	0	0	0	0	45
	17:30	6	3	5	5	5	2	6	5	1	0	0	0	0	0	0	0	38
	17:45	0	0	0	0	0	0	0	0	1	2	17	18	7	0	0	0	45
	18:00	0	0	0	0	0	0	0	0	0	1	16	26	12	2	0	0	57
	18:15	0	0	0	0	0	0	0	0	0	0	14	24	10	2	2	0	52
	18:30	0	0	0	0	0	0	0	0	0	1	17	17	9	2	0	0	46
	18:45	0	0	0	0	0	0	0	0	0	1	8	19	15	1	0	0	44
	19:00	0	0	0	0	0	0	0	0	0	0	8	13	10	1	2	0	34
	19:15	0	0	0	0	0	0	0	0	0	1	11	23	4	2	0	0	41
	19:30	0	0	0	0	0	0	0	0	0	1	12	13	12	1	0	0	39
	19:45	0	0	0	0	0	0	0	0	0	0	5	16	7	7	0	0	35
	20:00	0	0	0	0	0	0	0	0	0	0	2	10	6	1	1	0	20
	20:15	0	0	0	0	0	0	0	0	0	0	12	15	8	0	0	0	35
	20:30	0	0	0	0	0	0	0	0	0	2	7	8	5	3	0	0	25
	20:45	0	0	0	0	0	0	0	0	1	1	10	3	6	3	0	0	24
	21:00	0	0	0	0	0	0	0	0	0	1	4	6	1	3	0	0	15
	21:15	0	0	0	0	0	0	0	0	0	0	4	10	5	1	2	0	22
	21:30	0	0	0	0	0	0	0	0	0	1	0	4	4	1	1	0	11
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	3
	22:00	0	0	0	0	0	0	0	0	0	1	5	2	4	1	0	0	13
	22:15	0	0	0	0	0	0	0	0	0	0	5	2	4	0	0	0	11
	22:30	0	0	0	0	0	0	0	0	0	1	0	4	2	1	1	0	9
	22:45	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	7
	23:00	0	0	0	0	0	0	0	0	0	1	3	1	0	1	0	0	6
	23:15	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	4
	23:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		18	11	14	20	12	4	11	12	22	93	519	709	409	129	23	0	2006
	Percent :	1%	1%	1%	1%	1%	0%	1%	1%	1%	5%	26%	35%	20%	6%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	1	5	7	4	1	0	0	50

Speeds - Average: 70.6 50% : 72.0 67% : 74.3 85% : 78.2 10mph Pace: 65.0 - 74.9 (61.2%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
	00:30	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	00:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	3
	04:45	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	6
	05:00	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	5
	05:30	0	0	0	0	0	0	0	0	0	0	2	5	3	1	0	0	11
	05:45	0	0	0	0	0	0	0	0	0	0	4	2	2	1	0	0	9
	06:00	0	0	0	0	0	0	0	0	0	0	2	7	4	1	0	0	14
	06:15	0	0	0	0	0	0	0	0	0	0	1	7	10	2	0	0	20
	06:30	0	0	0	0	0	0	0	0	0	0	1	6	12	5	2	0	26
	06:45	0	0	0	0	0	0	0	0	0	0	1	3	15	3	2	0	24
	07:00	0	0	0	0	0	0	0	0	0	0	3	6	4	4	2	0	19
	07:15	0	0	0	0	0	0	0	0	0	0	2	9	11	10	2	0	34
	07:30	0	0	0	0	0	0	0	0	0	1	3	11	16	5	2	0	38
	07:45	0	0	0	0	0	0	0	0	0	1	4	21	6	6	0	0	38
	08:00	0	0	0	0	0	1	0	0	0	0	0	11	7	1	1	0	21
	08:15	0	0	0	0	0	0	0	0	0	0	14	7	6	0	0	0	27
	08:30	0	0	0	0	0	0	0	0	0	0	7	8	4	2	0	0	21
	08:45	0	0	0	0	0	0	0	1	0	4	4	12	5	2	0	0	28
	09:00	0	0	0	0	0	0	0	0	0	4	8	4	4	1	0	0	21
	09:15	0	0	0	0	0	0	0	0	0	0	8	11	6	2	0	0	27
	09:30	0	0	0	0	0	0	0	0	0	1	8	13	7	2	0	0	31
	09:45	0	0	0	0	0	0	0	0	2	0	6	6	8	4	0	0	26
	10:00	0	0	0	0	0	0	0	1	1	6	9	14	1	0	0	0	32
	10:15	0	0	0	0	0	0	0	0	0	0	9	11	4	0	0	0	24
	10:30	0	0	0	0	0	0	0	0	0	1	7	7	6	0	1	0	22
	10:45	0	0	0	0	0	0	0	0	1	1	12	17	6	1	1	0	39
	11:00	0	0	0	0	0	0	0	0	0	2	7	13	8	1	0	0	31
	11:15	0	0	0	0	0	0	0	0	0	0	8	12	6	4	0	0	30
	11:30	0	0	0	0	0	0	0	0	1	3	12	20	6	1	0	0	43
	11:45	0	0	0	0	0	0	0	0	0	1	17	23	13	2	0	0	56
	12:00	1	0	0	0	0	0	0	0	0	1	7	10	11	2	3	0	35
	12:15	0	0	0	0	0	0	0	0	0	2	5	11	7	2	0	0	27

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	0	3	6	13	14	1	2	0	39
Wed	12:45	0	0	0	0	0	0	0	0	1	1	18	19	3	1	0	0	43
	13:00	0	0	0	0	0	0	0	0	0	3	10	21	10	2	1	0	47
	13:15	0	0	0	0	0	0	0	0	0	4	15	15	11	2	0	0	47
	13:30	0	0	0	0	0	0	0	0	1	5	19	23	9	3	0	0	60
	13:45	0	0	0	0	0	0	0	0	0	0	22	18	19	1	0	0	60
	14:00	0	0	0	0	0	0	0	0	3	12	37	23	7	3	0	0	85
	14:15	0	0	0	0	0	0	0	0	0	5	24	21	12	1	0	0	63
	14:30	0	0	0	0	0	0	0	0	1	2	18	28	10	3	0	0	62
	14:45	0	0	0	0	0	0	0	0	0	3	19	15	7	4	0	0	48
	15:00	0	0	0	0	0	0	0	0	1	3	31	22	12	2	0	0	71
	15:15	0	0	0	0	0	0	0	0	0	0	31	24	17	3	1	0	76
	15:30	0	0	0	0	0	0	0	0	1	4	22	39	13	2	0	0	81
	15:45	0	0	0	0	0	0	0	2	3	11	23	35	15	0	0	0	89
	16:00	0	0	0	0	0	0	0	0	1	8	26	34	12	4	1	0	86
	16:15	0	0	0	0	0	0	0	0	0	15	17	40	10	1	1	0	84
	16:30	6	1	1	2	1	4	2	4	1	10	20	11	10	5	1	0	79
	16:45	2	4	4	4	3	1	5	5	7	12	21	14	2	0	0	0	84
	17:00	0	0	0	0	0	0	0	0	0	5	16	39	27	7	2	0	96
	17:15	10	1	9	23	25	8	2	0	2	1	10	9	10	3	0	0	113
	17:30	1	0	7	2	5	11	5	4	5	3	14	25	11	3	1	0	97
	17:45	0	0	0	0	0	0	0	0	0	3	15	34	21	6	2	0	81
	18:00	0	0	0	0	0	0	0	0	0	2	9	25	19	13	0	0	68
	18:15	0	0	0	0	0	0	0	0	0	1	11	19	19	4	0	0	54
	18:30	0	0	0	0	0	0	0	0	0	0	10	16	14	4	0	0	44
	18:45	0	0	0	0	0	0	0	0	0	1	14	18	13	4	1	0	51
	19:00	0	0	0	0	0	0	0	0	1	1	9	20	13	4	0	0	48
	19:15	0	0	0	0	0	0	0	0	0	0	8	8	9	0	0	0	25
	19:30	0	0	0	0	0	0	0	0	0	3	5	14	15	2	0	0	39
	19:45	0	0	0	0	0	0	0	0	0	3	4	14	15	1	0	0	37
	20:00	0	0	0	0	0	0	0	0	0	0	4	18	4	4	1	0	31
	20:15	0	0	0	0	0	0	0	0	1	4	16	12	6	0	0	0	39
	20:30	0	0	0	0	0	0	0	1	0	1	12	7	5	0	0	0	26
	20:45	0	0	0	0	0	0	0	0	0	1	14	14	5	1	0	0	35
	21:00	0	0	0	0	0	0	0	0	0	3	5	14	5	0	0	0	27
	21:15	0	0	0	0	0	0	0	0	0	0	6	10	4	1	0	0	21
	21:30	0	0	0	0	0	0	0	1	0	1	6	7	2	1	1	0	19
	21:45	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	3
	22:00	0	0	0	0	0	0	0	0	1	1	3	1	1	0	0	0	7
	22:15	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	22:30	0	0	0	0	0	0	0	0	0	1	0	2	0	2	0	0	5
	22:45	0	0	0	0	0	0	0	0	0	0	4	2	3	0	0	0	9
	23:00	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	23:15	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	4
	23:30	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		20	6	21	31	34	25	14	19	35	166	758	1050	624	167	32	0	3002
	Percent :	1%	0%	1%	1%	1%	1%	0%	1%	1%	6%	25%	35%	21%	6%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	2	8	11	7	2	0	0	18

Speeds - Average: 70.4 50% : 71.9 67% : 74.3 85% : 78.0 10mph Pace: 65.0 - 74.9 (60.2%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	3	1	1	1	0	0	6
	05:00	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
	05:15	0	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	6
	05:30	0	0	0	0	0	0	0	0	0	1	2	5	0	0	0	0	8
	05:45	0	0	0	0	0	0	0	0	0	0	2	1	1	2	1	0	7
	06:00	0	0	0	0	0	0	0	0	0	0	4	6	4	0	0	0	14
	06:15	0	0	0	0	0	0	1	0	0	0	9	7	4	0	0	0	21
Daily Total :		1	0	0	0	0	0	1	0	0	3	29	31	16	3	1	0	85
Percent :		1%	0%	0%	0%	0%	0%	1%	0%	0%	4%	34%	36%	19%	4%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	30

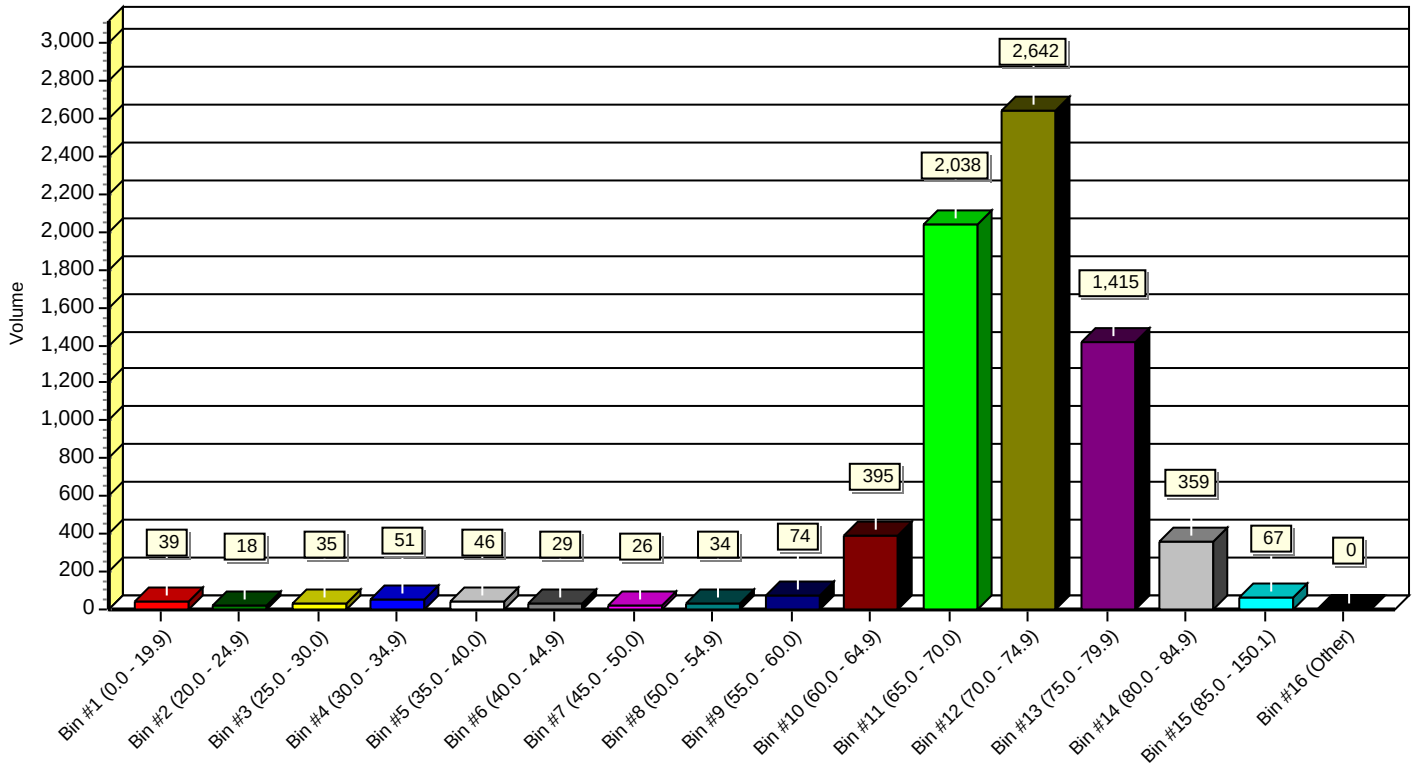
Speeds - Average: 71.2 50% : 72.1 67% : 72.9 85% : 77.5 10mph Pace: 66.6 - 76.5 (70.6%)

Basic Speed Class Summary: 4P0310456

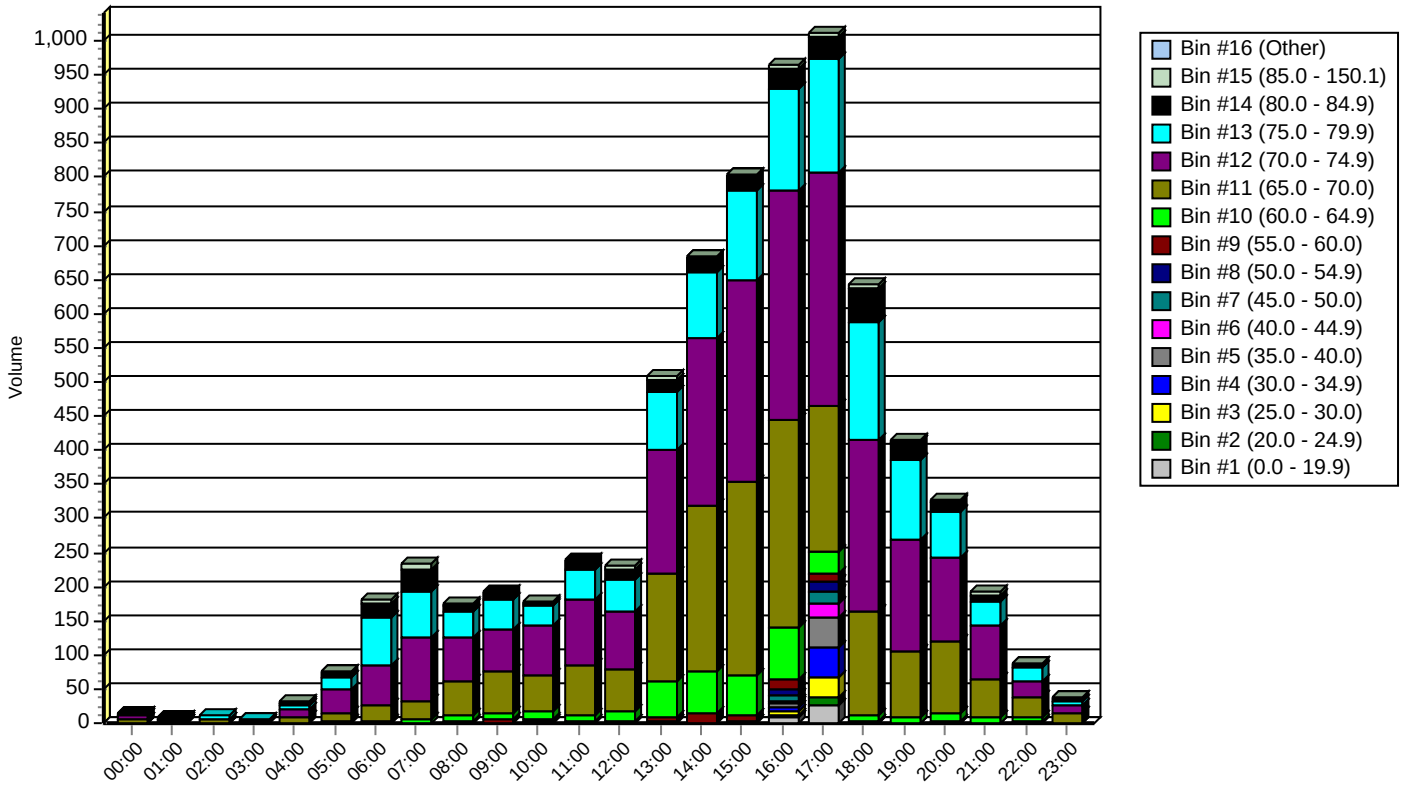
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	39	18	35	51	46	29	26	34	74	395	2038	2642	1415	359	67	0	7268
		39	18	35	51	46	29	26	34	74	395	2038	2642	1415	359	67	0	7268
Percents :	#1.	1%	0%	0%	1%	1%	0%	0%	0%	1%	5%	28%	36%	19%	5%	1%	0%	100%
		1%	0%	0%	1%	1%	0%	0%	0%	1%	5%	28%	36%	19%	5%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	2	8	10	5	1	0	0	26
		0	0	0	0	0	0	0	0	0	2	8	10	5	1	0	0	26
Days & ADT :	#1.	2.7	2673															
		2.7	2673															
Avg,50,67,85%:	#1.	70.8	71.7	74.0	77.7	65.0	- 74.9	64%										
		70.8	71.7	74.0	77.7	65.0	- 74.9	64%										

4P0310456 Speed Class Charts For Data From: 13:15 - 04/11/2011 To: 06:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0000356

Station ID : 2D0000356
Info Line 1 : 443 EB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 2D0000356.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11465
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		443 EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 12:30 - 04/11/2011 To: 06:44 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	12:30	0	44	31	1	0	0	0	1	5	0	0	1	2	0	85
Mon	12:45	0	33	50	0	1	2	0	2	4	1	0	0	5	1	99
	13:00	0	42	51	1	1	0	0	1	7	1	0	0	8	0	112
	13:15	0	25	44	1	4	1	0	1	6	0	0	1	3	0	86
	13:30	0	32	42	0	4	1	2	5	6	1	0	0	0	0	93
	13:45	0	38	31	0	3	0	0	2	2	0	0	0	1	0	77
	14:00	0	41	38	0	7	1	0	2	3	1	1	0	1	0	95
	14:15	2	48	31	3	1	0	1	0	8	0	0	0	2	0	96
	14:30	0	32	32	0	6	1	0	1	5	0	0	0	5	0	82
	14:45	2	33	39	2	5	0	2	1	4	1	0	0	5	0	94
	15:00	0	35	34	2	4	1	0	4	8	0	0	0	2	0	90
	15:15	0	38	42	0	1	0	0	0	3	1	0	0	3	1	89
	15:30	0	36	35	0	2	0	0	3	7	2	0	0	5	0	90
	15:45	2	44	51	1	5	0	0	5	3	1	0	0	4	0	116
	16:00	0	44	39	1	5	1	0	0	7	1	0	0	4	0	102
	16:15	1	49	41	1	1	1	0	0	4	0	0	0	1	0	99
	16:30	0	48	40	0	1	0	1	0	5	0	0	0	2	0	97
	16:45	0	41	39	1	2	0	0	1	5	0	0	0	2	1	92
	17:00	0	30	51	1	3	0	0	4	5	2	0	0	1	0	97
	17:15	1	48	40	0	1	0	0	3	6	0	0	0	1	0	100
	17:30	1	62	40	0	2	0	0	0	4	0	0	0	2	0	111
	17:45	2	47	37	0	2	0	0	1	11	0	0	0	3	0	103
	18:00	0	39	30	1	0	0	0	1	7	0	0	0	1	0	79
	18:15	2	39	34	1	1	0	0	1	4	0	0	0	3	1	86
	18:30	0	35	32	1	0	0	0	4	7	1	0	0	0	0	80
	18:45	0	32	22	3	2	0	0	0	5	0	1	0	0	1	66
	19:00	1	37	19	2	0	0	0	0	8	0	0	0	0	0	67
	19:15	0	27	19	0	0	0	0	0	5	1	0	0	3	0	55
	19:30	0	20	23	1	1	0	0	4	9	0	0	0	2	2	62
	19:45	1	27	24	0	0	0	0	2	2	0	0	0	1	0	57
	20:00	0	18	22	2	0	0	0	0	5	1	0	0	1	0	49
	20:15	0	22	22	1	1	0	0	0	4	0	0	0	1	1	52
	20:30	0	25	10	1	0	0	0	1	5	0	0	0	0	0	42
	20:45	0	22	17	2	0	0	0	0	11	0	0	0	0	0	52

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	21:00	0	13	16	1	1	0	0	1	3	0	0	0	1	0	36
Mon	21:15	1	24	18	1	0	0	0	1	7	1	0	0	2	0	55
	21:30	0	18	10	0	0	0	0	0	5	0	0	0	0	0	33
	21:45	0	9	8	0	0	0	0	0	4	0	0	0	0	0	21
	22:00	1	16	9	0	0	1	0	1	5	0	0	0	0	0	33
	22:15	0	16	6	0	0	1	0	0	2	1	0	0	1	1	28
	22:30	0	10	9	1	1	1	0	0	2	1	0	0	0	0	25
	22:45	0	12	11	0	0	0	0	0	3	0	0	0	1	0	27
	23:00	0	10	7	1	0	0	0	0	3	1	0	0	0	0	22
	23:15	0	5	3	0	0	1	0	0	3	0	0	0	0	0	12
	23:30	0	5	12	0	0	0	0	1	3	0	0	0	0	0	21
	23:45	0	3	4	0	0	0	0	0	1	0	0	0	1	0	9
Daily Total :		17	1374	1265	34	68	13	6	54	231	19	2	2	80	9	3174
	Percent :	1%	43%	40%	1%	2%	0%	0%	2%	7%	1%	0%	0%	3%	0%	
	Average :	0	30	28	1	1	0	0	1	5	0	0	0	2	0	68

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	11	4	0	1	0	0	0	2	1	0	0	0	0	19
Tue	00:15	0	0	4	0	2	0	0	0	1	0	0	0	1	0	8
	00:30	0	5	3	0	0	0	0	2	3	0	0	0	0	0	13
	00:45	0	1	0	1	0	0	0	1	5	0	0	0	0	0	8
	01:00	0	3	2	0	2	0	0	0	4	0	0	0	0	0	11
	01:15	0	1	3	0	0	0	0	1	1	0	0	0	0	0	6
	01:30	0	4	1	0	0	0	0	0	1	0	0	0	1	0	7
	01:45	0	2	1	0	0	0	0	0	1	1	0	0	0	0	5
	02:00	0	5	0	0	0	0	0	0	3	0	0	0	0	0	8
	02:15	0	0	0	1	0	0	0	1	7	0	0	0	1	0	10
	02:30	0	5	4	0	0	0	0	0	1	0	0	0	0	0	10
	02:45	0	4	0	0	0	0	0	0	3	0	0	0	1	0	8
	03:00	0	2	4	0	0	0	0	2	2	1	0	0	1	0	12
	03:15	0	3	2	0	0	0	0	1	0	0	0	0	1	0	7
	03:30	0	6	3	0	0	0	0	0	2	0	0	2	1	0	14
	03:45	0	5	3	0	1	0	0	0	3	0	0	1	1	0	14
	04:00	0	3	8	0	1	0	0	0	1	0	0	0	1	0	14
	04:15	0	4	6	0	0	0	0	0	4	0	1	0	1	0	16
	04:30	0	13	8	0	0	0	0	0	6	0	1	0	1	0	29
	04:45	0	12	10	0	0	0	0	1	1	0	0	0	1	0	25
	05:00	0	22	11	0	0	0	0	0	2	0	0	0	0	0	35
	05:15	0	17	5	0	0	0	0	1	6	0	0	0	3	0	32
	05:30	0	28	18	1	1	0	0	0	7	2	0	0	1	0	58
	05:45	0	29	20	0	1	1	0	0	3	0	0	0	1	0	55
	06:00	0	27	22	0	0	1	0	2	2	0	0	1	0	0	55
	06:15	0	39	21	0	1	0	0	0	3	0	0	1	2	1	68
	06:30	0	62	38	0	0	0	0	1	4	0	0	0	1	0	106
	06:45	1	72	32	0	3	0	0	0	4	0	0	1	0	1	114
	07:00	0	67	38	0	0	0	1	1	9	1	0	0	5	1	123
	07:15	1	96	52	0	0	0	0	2	4	0	1	0	4	1	161
	07:30	0	91	53	0	1	0	0	0	8	1	2	0	2	1	159
	07:45	0	108	52	1	1	0	0	1	5	0	2	0	2	0	172
	08:00	1	61	35	0	0	0	0	0	6	0	0	0	3	1	107
	08:15	0	72	34	1	1	0	1	1	9	2	0	2	5	2	130
	08:30	1	62	57	1	1	1	0	1	8	1	0	0	4	1	138
	08:45	0	47	41	0	2	0	0	1	9	0	0	1	0	2	103
	09:00	0	45	29	3	3	0	0	1	9	1	0	0	2	0	93
	09:15	0	31	33	0	2	0	0	4	13	0	0	0	2	0	85
	09:30	0	47	34	0	1	0	0	2	14	0	0	0	1	1	100
	09:45	0	37	41	1	3	0	0	1	11	1	0	0	3	0	98
	10:00	0	45	53	0	3	1	0	0	11	1	0	0	1	0	115
	10:15	0	36	38	0	1	1	1	3	5	2	0	0	1	1	89
	10:30	0	32	39	0	3	1	0	1	6	2	0	0	3	0	87
	10:45	1	43	29	3	2	1	0	4	11	1	0	0	1	0	96
	11:00	0	49	30	0	1	0	0	3	11	0	0	0	3	0	97
	11:15	0	44	44	0	2	1	0	2	9	2	0	1	1	0	106
	11:30	1	29	37	0	1	0	0	3	14	4	0	0	1	0	90
	11:45	0	28	34	0	0	1	1	3	9	7	0	0	6	0	89
	12:00	0	31	36	0	1	1	0	0	10	2	0	0	1	0	82
	12:15	0	39	33	1	2	1	1	1	8	1	0	0	1	0	88

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	29	38	0	3	0	0	1	15	0	0	0	3	2	91
Tue	12:45	0	51	31	1	2	2	0	5	13	0	0	1	2	0	108
	13:00	1	29	39	2	2	0	0	1	10	2	1	0	1	1	89
	13:15	1	31	34	2	1	0	0	3	19	2	0	0	1	1	95
	13:30	0	38	39	1	2	1	0	1	12	3	0	0	2	2	101
	13:45	0	40	38	1	1	0	0	6	11	2	0	0	2	1	102
	14:00	0	40	25	0	2	3	0	5	11	1	0	0	3	0	90
	14:15	1	39	30	3	3	0	0	5	15	4	0	0	4	0	104
	14:30	0	34	36	2	3	1	0	3	11	1	0	0	2	1	94
	14:45	0	40	40	0	5	1	1	5	15	2	0	0	2	0	111
	15:00	0	28	28	0	2	0	0	3	13	3	0	0	1	1	79
	15:15	0	34	27	1	2	1	0	2	11	1	0	1	3	0	83
	15:30	0	51	37	1	1	0	0	3	17	1	0	0	3	0	114
	15:45	0	34	44	0	3	1	0	2	11	3	0	0	4	1	103
	16:00	2	49	45	0	3	0	0	2	9	2	0	0	1	1	114
	16:15	1	44	46	1	3	1	0	3	11	3	0	0	6	0	119
	16:30	1	51	50	1	4	0	0	4	17	2	0	0	1	0	131
	16:45	0	39	48	1	2	0	1	1	13	1	1	0	3	0	110
	17:00	0	28	50	0	3	0	0	2	13	2	0	0	0	0	98
	17:15	1	45	52	1	1	0	0	1	14	0	0	0	0	1	116
	17:30	0	42	41	0	2	0	0	0	11	2	0	0	2	1	101
	17:45	1	51	42	0	1	0	0	2	13	1	0	0	2	0	113
	18:00	1	41	33	1	1	0	0	0	8	0	0	0	1	1	87
	18:15	0	24	30	2	1	0	0	2	14	1	0	0	4	0	78
	18:30	0	29	31	2	2	1	0	3	17	2	0	0	4	0	91
	18:45	0	31	32	3	1	0	0	0	9	0	0	0	1	0	77
	19:00	0	18	15	0	1	2	0	1	7	1	0	0	2	0	47
	19:15	0	26	28	1	1	0	0	2	11	2	0	0	0	0	71
	19:30	0	17	24	2	0	1	0	0	11	0	0	0	1	0	56
	19:45	0	21	25	2	1	0	0	2	12	2	0	0	0	0	65
	20:00	0	15	20	0	2	0	0	1	13	0	0	0	1	1	53
	20:15	1	16	16	2	2	0	0	3	11	0	0	0	1	0	52
	20:30	0	14	14	1	1	0	0	2	6	0	0	0	0	0	38
	20:45	0	20	16	2	2	0	0	0	9	0	0	0	3	0	52
	21:00	0	19	18	0	1	0	0	0	11	2	0	0	2	0	53
	21:15	0	20	12	0	0	0	0	1	8	2	0	0	0	1	44
	21:30	0	11	15	0	1	0	0	0	12	0	0	0	0	0	39
	21:45	0	12	10	1	0	0	0	0	6	0	0	0	1	0	30
	22:00	0	15	7	0	0	0	0	0	5	0	0	0	1	0	28
	22:15	0	13	14	0	0	0	0	1	10	0	0	0	1	0	39
	22:30	0	14	13	0	0	0	0	0	4	0	0	0	0	0	31
	22:45	0	10	15	1	1	0	0	0	2	0	0	0	1	0	30
	23:00	0	12	5	1	1	0	0	0	3	0	0	0	2	0	24
	23:15	0	6	5	0	0	0	0	0	6	0	0	0	1	0	18
	23:30	0	9	6	0	0	0	0	0	6	0	0	0	0	0	21
	23:45	0	7	12	1	0	0	0	1	7	0	0	0	2	0	30
Daily Total :		17	2812	2381	54	114	26	7	127	774	84	9	12	149	29	6595
Percent :		0%	43%	36%	1%	2%	0%	0%	2%	12%	1%	0%	0%	2%	0%	
Average :		0	29	25	1	1	0	0	1	8	1	0	0	2	0	68

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	4	4	0	0	0	0	1	3	2	0	0	0	0	14
Wed	00:15	0	4	9	0	0	0	0	1	3	0	0	1	0	0	18
	00:30	0	1	2	1	0	0	0	0	3	0	0	0	1	0	8
	00:45	0	3	0	0	0	0	0	0	2	1	0	1	0	0	7
	01:00	0	1	2	0	0	0	0	0	4	0	0	0	1	0	8
	01:15	0	4	2	0	0	0	0	0	2	0	0	0	0	0	8
	01:30	0	5	4	0	0	1	0	0	4	0	0	0	0	0	14
	01:45	0	2	3	0	0	0	0	0	2	0	0	0	1	0	8
	02:00	0	0	0	0	0	0	0	0	7	0	0	0	0	0	7
	02:15	0	7	1	0	0	0	0	0	3	0	0	0	1	0	12
	02:30	0	8	0	0	0	0	0	0	1	0	0	0	0	0	9
	02:45	0	2	0	0	0	0	0	0	2	0	0	0	2	0	6
	03:00	0	2	1	0	0	0	0	1	5	0	0	1	2	1	13
	03:15	0	7	6	0	0	0	0	2	3	0	0	1	0	0	19
	03:30	0	12	3	0	0	0	0	0	7	0	0	0	0	0	22
	03:45	1	6	4	0	0	0	0	1	6	0	0	1	2	0	21
	04:00	0	7	2	0	0	0	0	0	3	0	0	0	0	0	12
	04:15	0	5	7	0	0	0	0	0	2	2	0	1	1	0	18
	04:30	0	15	9	0	0	0	0	1	5	0	0	0	3	0	33
	04:45	0	12	6	0	0	0	0	0	1	0	1	0	0	0	20
	05:00	0	21	5	1	0	0	0	0	1	0	0	0	0	0	28
	05:15	0	15	8	0	0	0	0	0	6	2	0	0	3	0	34
	05:30	0	33	22	1	0	0	0	0	3	1	0	1	1	0	62
	05:45	0	32	18	0	0	1	0	0	3	1	0	0	2	1	58
	06:00	0	30	13	0	1	0	0	1	7	0	0	0	0	0	52
	06:15	0	54	28	0	1	0	0	1	4	0	1	0	2	0	91
	06:30	1	72	33	0	3	0	0	0	7	0	0	1	2	1	120
	06:45	0	61	44	0	0	0	0	0	8	1	0	0	3	1	118
	07:00	0	66	36	1	2	0	0	1	11	0	0	0	1	0	118
	07:15	0	85	37	0	0	0	0	2	14	0	0	2	3	0	143
	07:30	1	101	58	1	1	1	0	0	13	4	0	0	2	0	182
	07:45	1	70	60	1	2	0	0	1	8	0	0	0	5	0	148
	08:00	2	51	49	0	3	1	0	2	10	1	0	1	4	0	124
	08:15	0	86	36	2	3	1	0	4	9	1	0	0	3	0	145
	08:30	0	96	58	0	4	0	0	1	9	0	0	0	3	0	171
	08:45	0	75	67	2	0	2	0	0	12	3	1	1	1	0	164
	09:00	0	54	57	0	2	0	0	3	17	1	0	0	5	4	143
	09:15	2	53	43	3	0	0	0	0	14	0	0	0	2	1	118
	09:30	0	61	54	1	2	1	0	2	17	2	0	1	1	0	142
	09:45	0	50	46	1	2	0	0	1	17	0	0	0	3	0	120
	10:00	0	60	56	0	2	0	0	2	14	2	0	0	2	3	141
	10:15	0	39	52	2	7	2	0	2	8	3	0	0	4	0	119
	10:30	0	69	51	0	4	2	1	1	16	0	0	0	2	1	147
	10:45	0	56	58	1	4	1	1	2	11	0	0	0	2	0	136
	11:00	0	51	55	1	1	1	0	1	15	0	0	0	3	2	130
	11:15	0	51	37	1	2	0	0	1	15	1	0	0	1	0	109
	11:30	0	39	55	0	4	1	0	3	17	1	0	0	1	0	121
	11:45	0	42	40	0	0	1	0	2	21	1	0	0	2	0	109
	12:00	0	34	42	1	1	0	1	3	12	0	0	0	1	0	95
	12:15	0	48	37	0	4	0	1	0	18	0	0	1	2	0	111

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	44	50	1	4	0	0	3	11	0	0	1	6	1	121
Wed	12:45	1	39	50	1	1	0	0	0	14	0	0	0	0	1	107
	13:00	0	44	44	1	6	0	0	2	18	3	0	0	5	1	124
	13:15	0	43	48	1	2	3	0	1	16	0	0	0	0	1	115
	13:30	0	39	59	1	3	2	0	2	18	2	0	0	0	0	126
	13:45	0	38	52	1	3	0	0	0	17	1	0	0	2	0	114
	14:00	1	25	36	3	5	0	1	0	14	1	0	2	0	0	88
	14:15	0	39	35	3	4	2	0	3	20	1	0	0	4	0	111
	14:30	0	47	43	2	1	0	1	3	18	0	0	0	2	2	119
	14:45	0	37	56	0	5	0	2	3	22	1	0	0	4	1	131
	15:00	0	32	55	2	2	0	1	0	18	3	0	0	2	2	117
	15:15	0	50	53	0	1	0	0	1	16	1	0	0	1	1	124
	15:30	0	40	31	0	4	2	0	2	13	1	0	0	5	0	98
	15:45	0	43	60	2	5	0	0	5	13	1	0	0	3	1	133
	16:00	4	39	69	0	4	1	0	2	15	2	0	0	2	0	138
	16:15	0	33	49	3	5	0	0	2	12	1	0	0	5	0	110
	16:30	0	39	46	1	3	0	0	4	13	2	0	0	2	0	110
	16:45	0	37	46	3	1	0	1	2	15	0	0	0	0	0	105
	17:00	1	34	53	0	1	0	0	1	12	0	0	0	2	0	104
	17:15	0	48	51	0	1	1	0	1	16	1	1	0	0	0	120
	17:30	0	40	46	0	3	0	0	2	16	2	0	0	0	3	112
	17:45	0	50	46	0	4	0	0	0	15	0	0	0	4	1	120
	18:00	1	29	39	3	1	1	0	3	9	0	0	1	2	0	89
	18:15	0	39	39	1	1	0	0	1	8	0	1	0	3	0	93
	18:30	0	34	41	3	2	0	0	1	8	0	0	0	1	1	91
	18:45	0	21	26	2	2	0	0	1	14	0	0	0	4	0	70
	19:00	0	16	30	0	1	1	0	2	10	2	0	0	0	0	62
	19:15	0	17	21	2	0	0	0	1	15	2	0	0	0	0	58
	19:30	0	12	13	2	4	0	0	1	6	1	0	0	1	1	41
	19:45	2	19	15	0	1	0	0	0	10	0	0	0	1	0	48
	20:00	1	18	19	0	0	0	0	0	7	1	0	0	1	0	47
	20:15	0	20	12	2	0	1	0	0	11	0	0	0	2	0	48
	20:30	0	17	12	0	0	1	0	1	6	1	0	0	2	0	40
	20:45	0	19	17	1	0	0	0	1	6	0	0	0	0	0	44
	21:00	0	23	25	1	2	0	0	0	6	1	0	0	1	0	59
	21:15	0	21	13	0	0	0	0	1	5	0	0	0	0	1	41
	21:30	0	22	14	0	3	1	0	0	8	0	0	0	0	0	48
	21:45	1	20	12	0	0	0	0	1	12	0	0	0	1	0	47
	22:00	0	13	9	0	0	0	0	1	6	1	0	0	1	1	32
	22:15	0	14	7	0	1	0	0	0	4	0	0	0	2	0	28
	22:30	0	9	12	0	0	0	0	0	1	1	0	0	0	0	23
	22:45	0	14	10	0	0	0	0	0	6	0	0	0	0	0	30
	23:00	0	14	4	1	0	0	0	0	5	0	0	0	0	0	24
	23:15	0	7	5	0	0	0	0	0	4	1	0	0	1	0	18
	23:30	0	7	5	0	0	1	0	0	5	0	0	0	0	0	18
	23:45	0	6	2	0	0	0	0	0	4	0	0	0	2	0	14
Daily Total :		20	3073	2800	64	141	33	10	97	923	64	5	18	154	34	7436
Percent :		0%	41%	38%	1%	2%	0%	0%	1%	12%	1%	0%	0%	2%	0%	
Average :		0	32	29	1	1	0	0	1	10	1	0	0	2	0	77

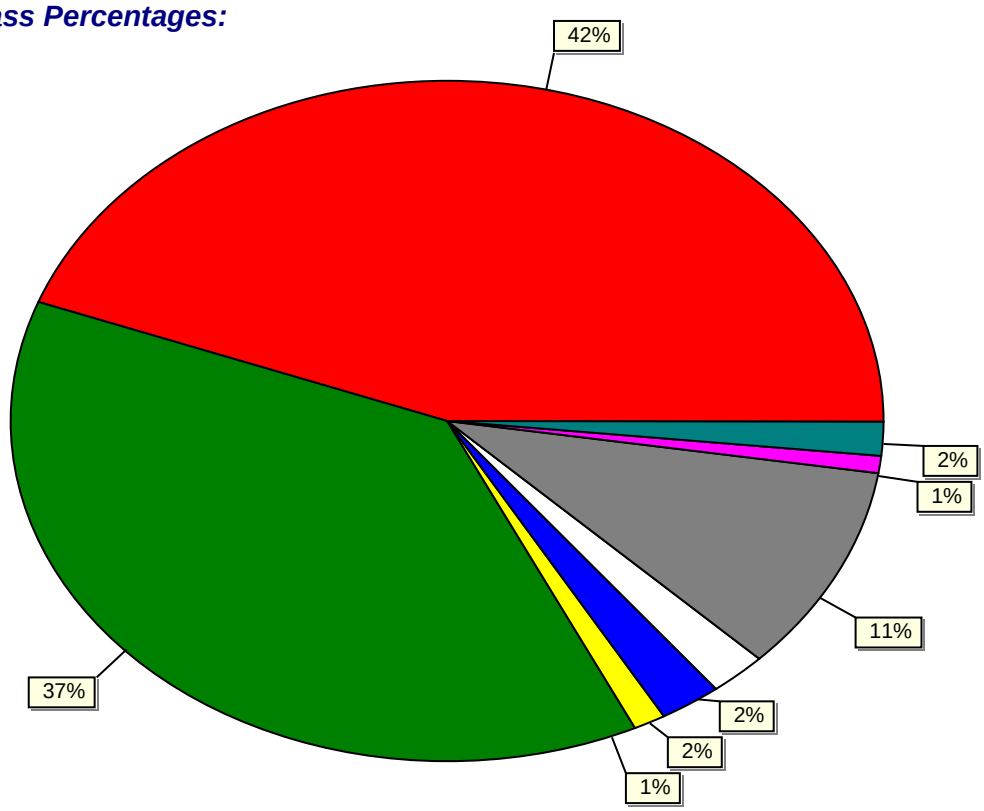
Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	8	6	1	0	0	0	0	3	0	0	0	0	0	18
Thu	00:15	0	5	4	0	0	0	0	0	5	0	0	0	0	0	14
	00:30	0	5	3	0	0	0	0	0	2	0	0	0	3	0	13
	00:45	0	3	4	0	0	0	0	0	2	1	0	0	0	0	10
	01:00	0	1	1	0	0	0	0	0	1	0	0	1	0	0	4
	01:15	0	2	1	0	0	0	0	1	3	0	0	0	0	0	7
	01:30	0	5	5	0	0	0	0	0	5	0	0	0	0	0	15
	01:45	0	4	1	0	0	0	0	0	1	0	0	0	1	0	7
	02:00	0	2	1	0	1	0	0	0	1	0	0	0	0	0	5
	02:15	0	1	3	0	0	0	0	0	5	1	0	0	2	0	12
	02:30	0	3	2	0	0	0	0	0	0	0	0	0	1	0	6
	02:45	0	1	0	0	1	0	0	2	4	0	0	0	0	0	8
	03:00	0	3	5	0	0	0	0	0	3	0	0	2	0	0	13
	03:15	0	8	4	0	0	0	0	0	1	0	0	1	0	0	14
	03:30	0	13	8	0	0	0	0	0	5	0	0	0	1	0	27
	03:45	0	4	3	0	0	0	0	0	3	1	0	1	0	0	12
	04:00	0	5	4	0	0	0	0	0	5	0	0	0	0	0	14
	04:15	0	6	8	0	1	0	0	0	7	0	0	0	1	0	23
	04:30	0	17	8	0	0	0	0	0	2	0	0	0	2	0	29
	04:45	0	14	5	0	1	0	0	0	2	0	0	0	1	0	23
	05:00	0	15	5	0	1	0	0	1	7	0	0	1	0	0	30
	05:15	1	23	8	0	0	0	0	0	4	0	0	0	2	0	38
	05:30	0	25	25	0	0	0	0	1	4	0	0	0	2	0	57
	05:45	0	25	15	0	2	0	0	0	2	0	0	1	1	1	47
	06:00	0	27	21	0	1	0	1	2	7	1	0	0	2	0	62
	06:15	1	47	24	0	1	0	0	0	8	1	0	0	0	0	82
Daily Total :		2	272	174	1	9	0	1	7	92	5	0	7	19	1	590
Percent :		0%	46%	29%	0%	2%	0%	0%	1%	16%	1%	0%	1%	3%	0%	
Average :		0	10	7	0	0	0	0	0	4	0	0	0	1	0	22

Basic Axle Class Summary: 2D0000356

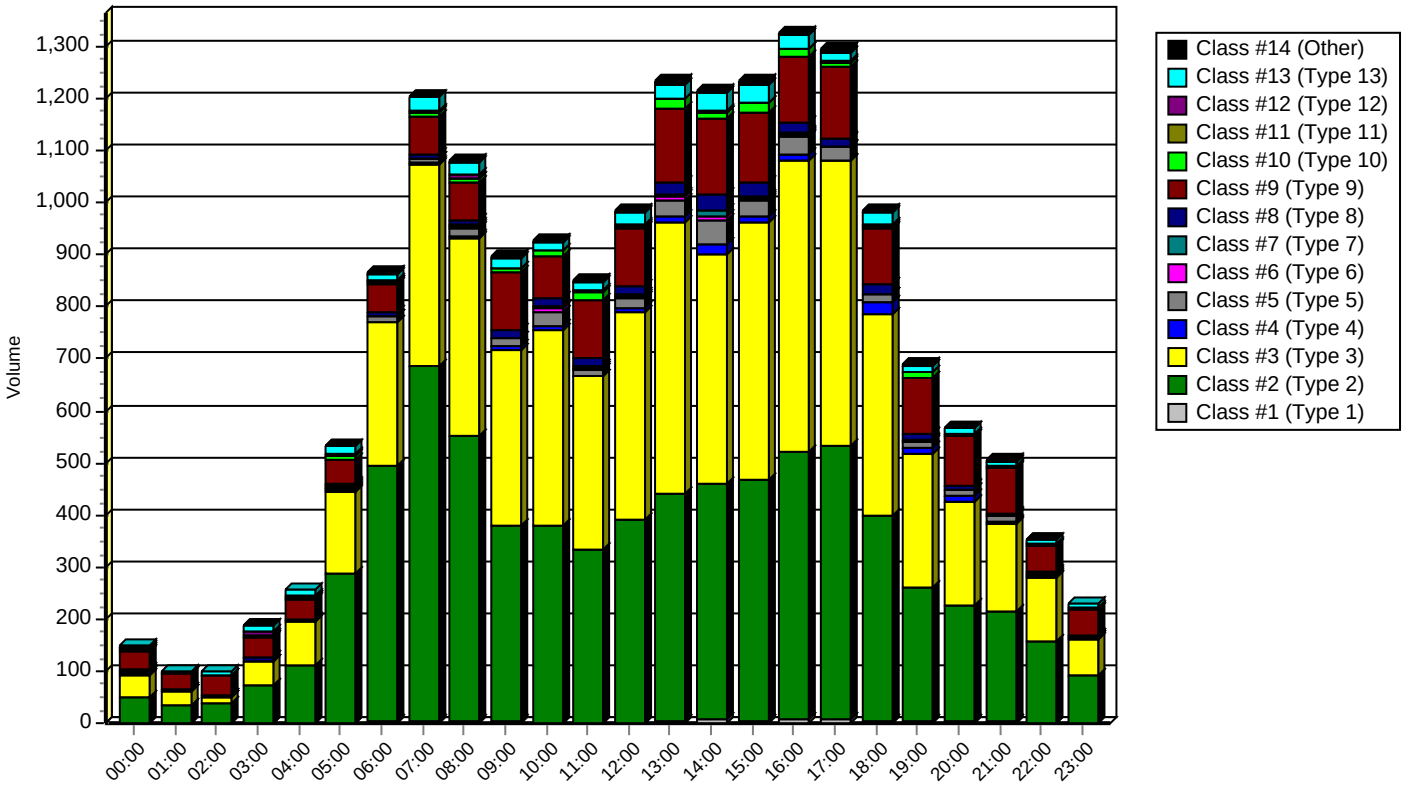
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	56	7531	6620	153	332	72	24	285	2020	172	16	39	402	73	17795
		56	7531	6620	153	332	72	24	285	2020	172	16	39	402	73	17795
Percents :	#1.	0%	42%	37%	1%	2%	0%	0%	2%	11%	1%	0%	0%	2%	0%	100%
		0%	42%	37%	1%	2%	0%	0%	2%	11%	1%	0%	0%	2%	0%	
Average :	#1.	0	29	25	1	1	0	0	1	8	1	0	0	2	0	68
		0	29	25	1	1	0	0	1	8	1	0	0	2	0	68
Days & ADT :	#1.	2.7	6470													
		2.7	6470													

2D0000356 Axle Class Charts For Data From: 12:30 - 04/11/2011 To: 06:44 - 04/14/2011

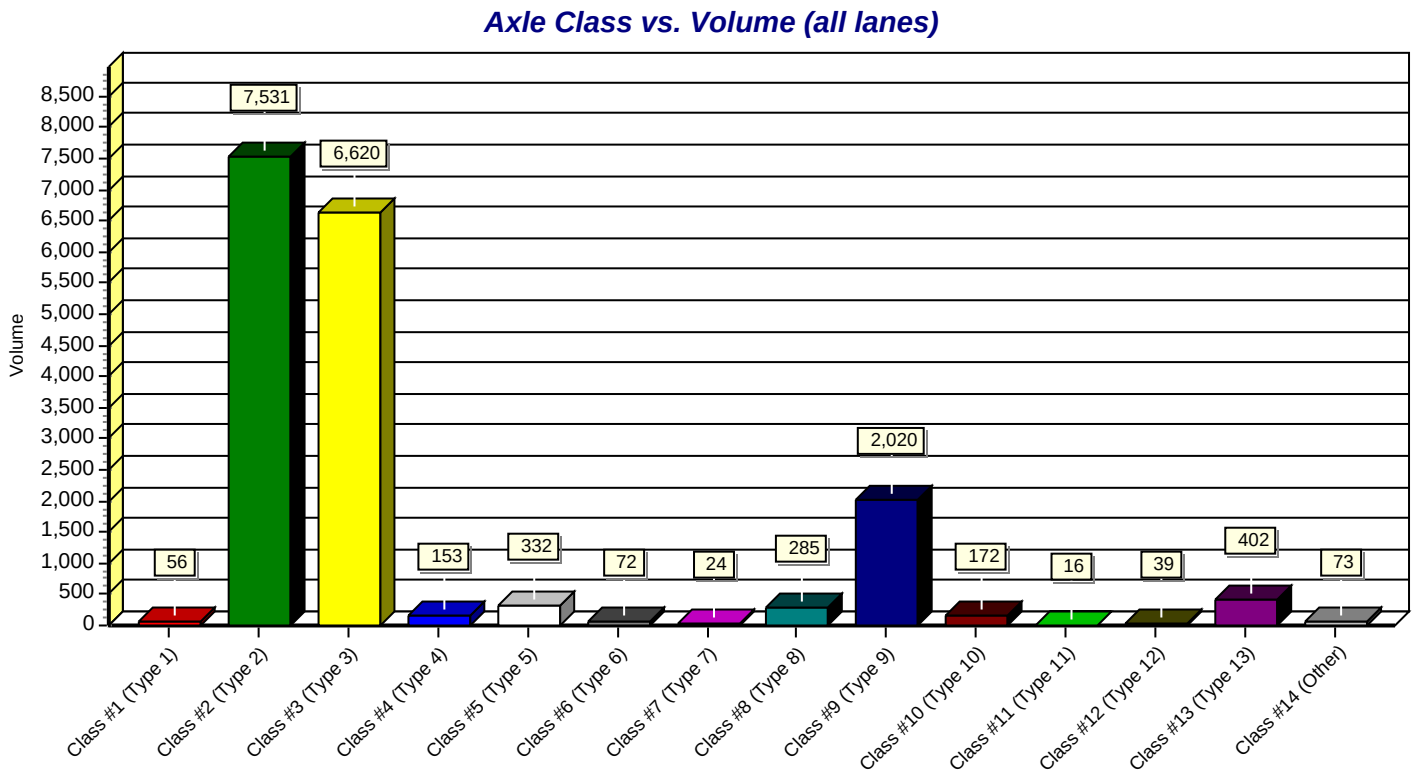
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0000356 Axle Class Charts For Data From: 12:30 - 04/11/2011 To: 06:44 - 04/14/2011



Basic Speed Classification Report: 2D0000356

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		443 EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 12:30 - 04/11/2011 To: 06:44 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	12:30	1	0	0	0	0	0	0	0	7	28	36	7	4	2	0	0	85
Mon	12:45	0	0	0	0	0	1	0	0	0	12	45	27	10	4	0	0	99
	13:00	0	0	0	0	0	0	0	0	0	15	51	36	9	0	1	0	112
	13:15	0	0	0	0	0	0	0	0	0	4	46	25	7	2	2	0	86
	13:30	0	0	0	0	0	0	0	0	0	11	46	24	11	0	1	0	93
	13:45	0	0	0	0	0	0	0	0	0	1	35	24	13	4	0	0	77
	14:00	0	0	0	0	0	0	0	0	2	4	36	41	10	2	0	0	95
	14:15	1	0	0	0	0	0	0	0	1	6	44	33	6	3	2	0	96
	14:30	0	0	0	0	0	0	0	0	0	9	36	23	11	3	0	0	82
	14:45	0	0	0	0	0	0	0	0	0	2	40	34	15	3	0	0	94
	15:00	0	0	0	0	0	0	0	0	0	5	49	21	14	1	0	0	90
	15:15	0	0	0	0	0	0	0	0	0	4	47	25	9	3	1	0	89
	15:30	0	0	0	0	0	0	0	0	2	6	42	31	6	3	0	0	90
	15:45	0	0	0	0	0	0	0	0	0	12	52	43	6	2	1	0	116
	16:00	0	0	0	0	0	0	0	0	5	8	43	35	11	0	0	0	102
	16:15	0	0	0	0	0	0	0	0	1	9	47	28	10	4	0	0	99
	16:30	0	0	0	0	0	0	0	0	0	16	39	37	5	0	0	0	97
	16:45	0	0	0	0	0	0	0	0	0	5	52	30	3	2	0	0	92
	17:00	1	0	0	0	0	0	0	0	1	17	41	30	7	0	0	0	97
	17:15	0	0	0	0	0	0	0	0	0	10	44	31	12	3	0	0	100
	17:30	1	0	0	0	0	0	0	0	1	11	52	35	7	3	1	0	111
	17:45	0	0	0	0	0	0	0	0	0	20	44	31	7	1	0	0	103
	18:00	0	0	0	0	0	0	0	0	0	11	27	32	6	3	0	0	79
	18:15	0	0	0	0	0	0	0	0	1	6	39	25	11	2	2	0	86
	18:30	0	0	0	0	0	0	0	0	0	7	40	28	4	1	0	0	80
	18:45	0	0	0	0	0	0	0	0	1	7	22	23	12	1	0	0	66
	19:00	0	0	0	0	0	0	0	1	0	5	30	20	8	2	1	0	67
	19:15	0	0	0	0	0	0	0	0	0	5	24	18	7	0	1	0	55
	19:30	0	0	0	0	0	0	0	0	0	3	27	21	7	4	0	0	62
	19:45	0	0	0	0	0	0	0	0	0	3	27	15	8	3	1	0	57
	20:00	0	0	0	0	0	0	0	0	0	3	20	11	13	2	0	0	49
	20:15	0	0	0	0	0	0	0	0	2	5	26	8	8	2	1	0	52
	20:30	0	0	0	0	0	0	0	0	0	5	25	11	1	0	0	0	42
	20:45	0	0	0	0	0	0	0	0	1	9	33	8	0	1	0	0	52
	21:00	0	0	0	0	0	0	0	0	2	11	13	5	5	0	0	0	36
	21:15	0	0	0	0	0	0	0	0	0	12	27	9	7	0	0	0	55
	21:30	0	0	0	0	0	0	0	0	3	8	15	7	0	0	0	0	33
	21:45	0	0	0	0	0	0	0	0	0	4	9	6	2	0	0	0	21
	22:00	0	0	0	0	0	0	0	0	1	6	18	6	2	0	0	0	33
	22:15	0	0	0	0	0	0	0	0	0	3	17	7	1	0	0	0	28

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
04/11/11	22:30	0	0	0	0	0	0	0	0	0	5	12	7	1	0	0	0	25
Mon	22:45	0	0	0	0	0	0	0	0	0	3	12	9	3	0	0	0	27
	23:00	0	0	0	0	0	0	0	0	2	2	11	6	1	0	0	0	22
	23:15	0	0	0	0	0	0	0	0	0	1	10	1	0	0	0	0	12
	23:30	0	0	0	0	0	0	0	0	0	3	14	4	0	0	0	0	21
	23:45	0	0	0	0	0	0	0	0	0	2	5	2	0	0	0	0	9
Daily Total :		4	0	0	0	0	1	0	1	33	344	1470	940	300	66	15	0	3174
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	1%	11%	46%	30%	9%	2%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	1	7	32	20	7	1	0	0	68

Speeds - Average: 69.7 50% : 69.2 67% : 71.6 85% : 74.5 10mph Pace: 65.0 - 74.9 (75.9%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	2	3	13	1	0	0	0	0	19
Tue	00:15	0	0	0	0	0	0	0	0	0	2	5	1	0	0	0	0	8
	00:30	0	0	0	0	0	0	0	0	1	1	8	3	0	0	0	0	13
	00:45	0	0	0	0	0	0	0	0	1	1	4	2	0	0	0	0	8
	01:00	0	0	0	0	0	0	0	0	0	5	4	1	1	0	0	0	11
	01:15	0	0	0	0	0	0	0	0	0	1	3	1	1	0	0	0	6
	01:30	0	0	0	0	0	0	0	0	0	1	2	3	1	0	0	0	7
	01:45	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	5
	02:00	0	0	0	0	0	0	0	0	2	3	3	0	0	0	0	0	8
	02:15	0	0	0	0	0	0	0	0	0	1	9	0	0	0	0	0	10
	02:30	0	0	0	0	0	0	0	0	0	1	4	4	1	0	0	0	10
	02:45	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	0	8
	03:00	0	0	0	0	0	0	0	0	1	3	7	0	1	0	0	0	12
	03:15	0	0	0	0	0	0	0	0	0	1	3	3	0	0	0	0	7
	03:30	0	0	0	0	0	0	0	0	0	0	9	3	0	2	0	0	14
	03:45	0	0	0	0	0	0	0	0	0	1	9	3	1	0	0	0	14
	04:00	0	0	0	0	0	0	0	0	0	4	8	1	1	0	0	0	14
	04:15	0	0	0	0	0	0	0	0	2	4	6	4	0	0	0	0	16
	04:30	0	0	0	0	0	0	0	0	1	3	16	5	2	1	1	0	29
	04:45	0	0	0	0	0	0	0	0	2	6	9	5	3	0	0	0	25
	05:00	0	0	0	0	0	0	0	1	0	3	15	12	3	1	0	0	35
	05:15	0	0	0	0	0	0	0	0	2	4	15	6	4	1	0	0	32
	05:30	0	0	0	0	0	0	0	0	0	9	32	13	3	1	0	0	58
	05:45	0	0	0	0	1	0	0	0	2	3	26	17	3	3	0	0	55
	06:00	0	0	0	0	0	0	0	0	1	9	32	11	2	0	0	0	55
	06:15	0	0	0	0	0	0	0	0	5	8	39	14	2	0	0	0	68
	06:30	0	0	0	0	0	0	0	0	2	12	58	31	3	0	0	0	106
	06:45	0	1	0	0	0	0	0	0	0	14	52	39	7	0	1	0	114
	07:00	0	0	0	0	0	0	0	0	0	20	67	31	5	0	0	0	123
	07:15	0	0	0	0	0	0	0	0	2	17	88	44	9	1	0	0	161
	07:30	0	0	0	0	0	0	0	0	4	25	82	42	4	2	0	0	159
	07:45	0	0	0	0	0	0	0	1	0	23	91	52	4	0	1	0	172
	08:00	0	1	0	0	0	0	0	0	4	15	53	32	1	1	0	0	107
	08:15	0	0	0	0	0	0	0	2	4	28	67	26	3	0	0	0	130
	08:30	0	0	0	0	0	0	0	0	1	26	70	37	4	0	0	0	138
	08:45	0	0	0	0	0	0	0	0	2	23	43	26	9	0	0	0	103
	09:00	0	0	0	0	0	0	0	0	5	17	45	23	3	0	0	0	93
	09:15	0	0	0	0	0	0	0	0	2	19	47	16	1	0	0	0	85
	09:30	0	0	0	0	0	0	0	0	4	15	52	27	2	0	0	0	100
	09:45	1	1	0	0	0	0	0	1	1	15	57	16	5	1	0	0	98
	10:00	0	0	0	0	0	0	1	1	4	23	60	24	2	0	0	0	115
	10:15	0	0	0	0	0	0	0	1	2	21	42	21	2	0	0	0	89
	10:30	0	0	0	0	0	0	0	0	3	16	48	15	5	0	0	0	87
	10:45	1	1	0	0	0	0	0	1	4	22	46	16	4	1	0	0	96
	11:00	0	0	0	0	0	0	0	0	4	13	48	23	8	0	1	0	97
	11:15	0	0	0	0	0	0	0	0	2	15	59	24	3	2	1	0	106
	11:30	1	0	0	0	0	0	0	0	1	18	43	24	1	2	0	0	90
	11:45	0	0	0	0	0	0	0	0	0	16	49	22	2	0	0	0	89
	12:00	0	0	0	0	0	0	0	0	2	9	48	17	6	0	0	0	82
	12:15	0	0	0	0	0	0	0	0	3	7	48	29	1	0	0	0	88

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	1	3	10	46	25	6	0	0	0	91
Tue	12:45	0	0	0	0	0	0	0	0	6	20	55	23	4	0	0	0	108
	13:00	1	1	0	0	0	0	0	0	7	20	44	15	1	0	0	0	89
	13:15	0	0	0	0	0	0	0	0	1	19	49	21	4	1	0	0	95
	13:30	0	0	0	0	0	0	0	0	1	5	57	33	3	2	0	0	101
	13:45	0	0	0	0	0	0	0	0	3	14	38	38	7	2	0	0	102
	14:00	0	0	0	0	0	0	0	0	0	16	40	28	4	2	0	0	90
	14:15	0	0	0	0	0	0	0	0	3	10	65	18	7	1	0	0	104
	14:30	0	0	0	0	0	0	0	3	7	20	38	21	4	1	0	0	94
	14:45	0	0	0	0	0	0	0	0	6	15	50	32	6	2	0	0	111
	15:00	0	0	0	0	0	0	0	2	3	24	25	24	1	0	0	0	79
	15:15	0	0	0	0	0	0	0	0	3	20	32	20	7	1	0	0	83
	15:30	0	0	0	0	0	0	0	0	1	15	65	25	7	1	0	0	114
	15:45	1	0	0	0	0	0	0	1	1	15	53	28	3	1	0	0	103
	16:00	0	0	0	0	0	0	0	0	2	10	65	30	5	2	0	0	114
	16:15	0	0	0	0	0	0	0	0	3	13	70	29	3	1	0	0	119
	16:30	0	0	0	0	0	0	0	0	1	9	71	41	8	1	0	0	131
	16:45	0	0	0	0	0	0	0	0	0	11	49	35	13	1	1	0	110
	17:00	0	0	0	0	0	0	0	0	0	8	49	28	12	1	0	0	98
	17:15	0	0	0	0	0	0	0	0	3	17	58	32	5	1	0	0	116
	17:30	0	0	0	0	0	0	0	0	3	20	49	25	3	1	0	0	101
	17:45	0	0	0	0	0	0	0	0	4	13	58	28	9	1	0	0	113
	18:00	0	0	0	0	0	0	0	0	0	4	36	38	7	2	0	0	87
	18:15	0	0	0	0	0	0	0	0	0	7	44	24	3	0	0	0	78
	18:30	0	0	0	0	0	0	0	0	2	12	46	21	8	2	0	0	91
	18:45	0	0	0	0	0	0	0	0	0	5	29	32	9	2	0	0	77
	19:00	0	0	0	0	0	0	0	0	0	5	26	9	6	1	0	0	47
	19:15	0	0	0	0	0	0	0	0	0	4	33	26	6	2	0	0	71
	19:30	0	0	0	0	0	0	0	0	0	9	23	17	6	1	0	0	56
	19:45	0	0	0	0	0	0	0	0	2	3	30	21	7	2	0	0	65
	20:00	0	0	0	0	0	0	0	0	1	4	27	18	1	2	0	0	53
	20:15	0	0	0	0	0	0	0	1	1	4	27	16	2	1	0	0	52
	20:30	0	0	0	0	0	0	0	0	1	6	17	13	0	0	1	0	38
	20:45	0	0	0	0	0	0	0	0	1	5	24	14	6	2	0	0	52
	21:00	0	0	0	0	0	0	0	0	4	7	21	14	6	0	1	0	53
	21:15	0	0	0	0	0	0	0	0	0	4	26	12	2	0	0	0	44
	21:30	0	0	0	0	0	0	0	1	1	6	21	8	2	0	0	0	39
	21:45	0	0	0	0	0	0	0	0	0	3	18	5	4	0	0	0	30
	22:00	0	0	0	0	0	0	0	0	1	3	11	11	2	0	0	0	28
	22:15	0	0	0	0	0	0	0	0	3	6	21	9	0	0	0	0	39
	22:30	0	0	0	0	0	0	1	0	1	4	14	8	3	0	0	0	31
	22:45	0	0	0	0	0	0	0	0	0	2	13	13	2	0	0	0	30
	23:00	0	0	0	0	0	0	0	0	0	7	12	5	0	0	0	0	24
	23:15	0	0	0	0	0	0	0	0	1	4	11	2	0	0	0	0	18
	23:30	0	0	0	0	0	0	0	0	0	4	9	8	0	0	0	0	21
	23:45	0	0	0	0	0	0	0	0	1	4	13	9	2	1	0	0	30

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		5	5	0	0	1	0	2	17	159	956	3330	1723	329	60	8	0	6595
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	2%	14%	50%	26%	5%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	2	10	35	18	3	1	0	0	68

Speeds - Average: 68.4 50% : 68.3 67% : 70.0 85% : 73.3 10mph Pace: 65.0 - 74.9 (76.6%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	2	6	3	2	0	1	0	14
Wed	00:15	0	0	0	0	0	0	0	0	0	4	8	5	1	0	0	0	18
	00:30	0	0	0	0	0	0	0	0	0	2	5	1	0	0	0	0	8
	00:45	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	7
	01:00	0	0	0	0	0	0	1	0	0	0	5	0	2	0	0	0	8
	01:15	0	0	0	0	0	0	0	0	0	0	3	1	2	1	1	0	8
	01:30	0	0	0	0	0	0	0	0	0	0	9	5	0	0	0	0	14
	01:45	0	0	0	0	0	0	0	0	2	0	4	1	1	0	0	0	8
	02:00	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	7
	02:15	0	0	0	0	0	0	0	0	0	2	8	2	0	0	0	0	12
	02:30	0	0	0	0	0	0	0	0	1	2	4	1	1	0	0	0	9
	02:45	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	0	3	9	1	0	0	0	0	13
	03:15	0	0	0	0	0	0	0	0	1	3	10	4	0	1	0	0	19
	03:30	0	0	0	0	0	0	0	0	2	5	10	3	2	0	0	0	22
	03:45	0	1	0	0	0	0	0	0	1	3	11	5	0	0	0	0	21
	04:00	0	0	0	0	0	0	0	0	1	3	6	2	0	0	0	0	12
	04:15	0	0	0	0	0	0	0	0	0	2	12	3	1	0	0	0	18
	04:30	0	0	0	0	0	0	0	0	1	5	19	5	2	1	0	0	33
	04:45	0	0	0	0	0	0	0	0	0	2	8	5	2	3	0	0	20
	05:00	0	0	0	0	0	0	1	0	1	2	14	8	1	1	0	0	28
	05:15	0	0	0	0	0	0	0	0	0	10	20	1	3	0	0	0	34
	05:30	0	0	0	0	0	0	0	0	2	10	25	17	7	1	0	0	62
	05:45	1	0	0	0	0	0	0	0	2	8	27	12	4	2	2	0	58
	06:00	0	0	0	0	0	0	0	0	1	9	30	12	0	0	0	0	52
	06:15	0	0	0	0	0	0	0	0	0	4	51	29	6	1	0	0	91
	06:30	0	1	0	0	0	0	0	0	1	13	55	42	8	0	0	0	120
	06:45	0	0	0	0	0	0	0	0	1	13	61	33	10	0	0	0	118
	07:00	0	0	0	0	0	0	0	0	0	13	48	52	5	0	0	0	118
	07:15	0	1	0	0	0	0	0	0	3	24	64	40	9	2	0	0	143
	07:30	1	0	0	1	0	0	0	0	3	12	92	64	8	1	0	0	182
	07:45	0	0	0	0	0	0	0	0	1	17	60	54	13	1	2	0	148
	08:00	0	0	0	0	0	0	0	0	10	26	46	32	8	2	0	0	124
	08:15	0	0	0	0	0	0	1	2	30	37	50	23	2	0	0	0	145
	08:30	1	0	0	0	0	0	5	10	29	60	49	14	2	1	0	0	171
	08:45	0	0	0	0	0	0	0	10	34	56	43	19	1	1	0	0	164
	09:00	1	0	0	0	0	0	1	14	47	52	22	4	2	0	0	0	143
	09:15	1	1	0	0	0	5	16	24	36	23	11	1	0	0	0	0	118
	09:30	1	0	0	0	1	0	2	15	36	55	24	5	2	1	0	0	142
	09:45	1	0	0	0	0	0	4	10	26	44	28	5	2	0	0	0	120
	10:00	0	0	0	0	0	0	0	7	34	56	36	8	0	0	0	0	141
	10:15	0	0	0	0	0	2	4	15	38	25	27	8	0	0	0	0	119
	10:30	1	0	0	0	0	0	0	15	55	38	28	9	0	0	1	0	147
	10:45	0	0	0	0	0	6	3	17	22	45	29	13	1	0	0	0	136
	11:00	0	0	0	0	3	3	5	8	31	30	37	10	3	0	0	0	130
	11:15	0	0	0	1	0	0	1	11	17	45	25	7	2	0	0	0	109
	11:30	0	0	0	0	0	0	3	14	24	40	30	9	1	0	0	0	121
	11:45	0	0	0	0	0	0	0	3	28	34	37	7	0	0	0	0	109
	12:00	0	0	0	0	0	0	2	10	27	31	21	4	0	0	0	0	95
	12:15	0	0	0	0	0	0	3	18	29	34	21	5	1	0	0	0	111

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	3	17	21	37	33	8	2	0	0	0	121
Wed	12:45	0	0	0	0	0	0	1	6	28	46	18	8	0	0	0	0	107
	13:00	0	0	0	0	0	0	1	19	27	33	25	17	1	1	0	0	124
	13:15	0	0	0	0	0	0	2	13	21	38	30	9	2	0	0	0	115
	13:30	0	0	0	0	0	2	6	14	32	41	23	6	2	0	0	0	126
	13:45	1	0	0	0	0	3	3	11	30	37	23	4	2	0	0	0	114
	14:00	0	1	1	0	0	0	9	8	21	25	17	6	0	0	0	0	88
	14:15	0	0	0	0	0	0	2	13	34	36	18	7	1	0	0	0	111
	14:30	0	0	0	0	0	0	0	6	21	42	36	10	2	2	0	0	119
	14:45	0	0	0	0	0	0	0	10	35	39	34	11	1	1	0	0	131
	15:00	1	0	0	0	0	0	4	12	22	46	29	2	0	1	0	0	117
	15:15	0	0	0	0	0	0	5	7	34	33	31	11	3	0	0	0	124
	15:30	0	0	0	0	0	0	2	6	24	31	29	6	0	0	0	0	98
	15:45	0	0	0	0	0	0	0	6	20	54	39	13	0	1	0	0	133
	16:00	0	0	0	0	0	0	3	18	15	46	47	8	1	0	0	0	138
	16:15	1	0	0	0	0	0	1	0	9	25	47	17	9	1	0	0	110
	16:30	0	0	0	0	0	0	0	2	5	21	47	25	7	2	1	0	110
	16:45	0	0	0	0	0	0	0	1	3	11	58	26	5	1	0	0	105
	17:00	0	0	0	0	0	0	0	0	3	12	46	33	7	3	0	0	104
	17:15	0	0	0	0	0	0	0	0	1	26	53	31	7	1	1	0	120
	17:30	0	0	0	0	0	0	0	0	4	11	53	34	9	1	0	0	112
	17:45	0	0	0	0	0	0	0	0	2	16	45	45	11	1	0	0	120
	18:00	0	0	0	0	0	0	0	0	3	13	43	22	7	1	0	0	89
	18:15	0	0	0	0	0	0	0	0	0	12	36	30	11	4	0	0	93
	18:30	0	0	0	0	0	0	0	0	1	8	32	37	9	4	0	0	91
	18:45	0	0	0	0	0	0	0	0	0	6	33	21	7	2	1	0	70
	19:00	0	0	0	0	0	0	0	0	3	6	30	13	8	2	0	0	62
	19:15	0	0	0	0	0	0	0	0	2	5	27	14	8	2	0	0	58
	19:30	0	0	0	0	0	0	0	0	3	7	15	13	2	1	0	0	41
	19:45	1	0	0	0	0	0	0	0	3	6	28	8	2	0	0	0	48
	20:00	0	0	0	0	0	0	0	0	4	1	25	13	2	2	0	0	47
	20:15	0	0	0	0	0	0	0	1	1	11	21	10	3	1	0	0	48
	20:30	0	0	0	0	0	0	0	2	2	8	16	10	2	0	0	0	40
	20:45	0	0	0	0	0	0	1	0	1	12	13	14	2	1	0	0	44
	21:00	0	0	0	0	0	0	0	2	5	16	25	8	2	0	1	0	59
	21:15	0	0	0	0	0	0	0	0	1	10	25	4	0	1	0	0	41
	21:30	0	0	0	0	0	0	0	0	1	14	25	7	0	0	1	0	48
	21:45	0	0	0	0	0	0	0	0	0	14	26	5	1	0	1	0	47
	22:00	0	0	0	0	0	0	0	0	0	7	22	3	0	0	0	0	32
	22:15	0	0	0	0	0	0	0	0	1	4	20	3	0	0	0	0	28
	22:30	0	0	0	0	0	0	0	0	0	2	11	7	2	0	1	0	23
	22:45	0	0	0	0	0	0	0	3	0	3	15	6	2	1	0	0	30
	23:00	0	0	0	0	0	0	0	0	0	5	10	7	2	0	0	0	24
	23:15	0	0	0	0	0	0	0	1	0	1	12	2	2	0	0	0	18
	23:30	0	0	0	0	0	0	0	0	1	4	7	5	1	0	0	0	18
	23:45	0	0	0	0	0	0	0	1	0	2	5	3	3	0	0	0	14

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		12	5	1	2	4	21	95	382	1021	1793	2565	1196	267	58	14	0	7436
Percent :		0%	0%	0%	0%	0%	0%	1%	5%	14%	24%	34%	16%	4%	1%	0%	0%	
Average :		0	0	0	0	0	0	1	4	11	19	27	12	3	1	0	0	69

Speeds - Average: 65.0 50% : 65.8 67% : 68.2 85% : 71.8 10mph Pace: 60.1 - 70.0 (58.6%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	3	2	10	2	1	0	0	0	18
Thu	00:15	0	0	0	0	0	0	0	0	1	1	9	2	0	1	0	0	14
	00:30	0	0	0	0	0	0	0	0	0	2	6	5	0	0	0	0	13
	00:45	0	0	0	0	0	0	0	0	0	2	7	1	0	0	0	0	10
	01:00	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
	01:15	0	0	0	0	0	0	0	0	0	2	3	2	0	0	0	0	7
	01:30	0	0	0	0	0	0	0	1	0	2	6	4	2	0	0	0	15
	01:45	0	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	7
	02:00	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
	02:15	0	0	0	0	0	0	0	3	0	3	4	0	2	0	0	0	12
	02:30	0	0	0	0	0	0	0	0	0	0	4	1	1	0	0	0	6
	02:45	0	0	0	0	0	0	0	0	2	1	4	0	1	0	0	0	8
	03:00	0	0	0	0	0	0	0	0	1	7	4	1	0	0	0	0	13
	03:15	0	0	0	0	0	0	0	1	0	2	7	2	1	1	0	0	14
	03:30	0	0	0	0	0	0	0	1	2	2	12	9	1	0	0	0	27
	03:45	0	0	0	0	0	0	0	1	0	1	6	4	0	0	0	0	12
	04:00	0	0	0	0	0	0	0	0	1	2	8	2	0	1	0	0	14
	04:15	0	0	0	0	0	0	0	0	2	3	12	3	2	0	1	0	23
	04:30	0	0	0	0	0	0	0	0	1	1	14	8	4	0	1	0	29
	04:45	0	0	0	0	0	0	0	1	0	6	8	6	1	1	0	0	23
	05:00	0	0	0	0	0	0	1	0	2	2	17	4	2	1	1	0	30
	05:15	0	1	0	0	0	0	0	0	1	5	15	14	0	1	1	0	38
	05:30	0	0	0	0	0	0	0	0	1	6	23	20	7	0	0	0	57
	05:45	0	0	0	0	0	0	0	1	1	6	22	12	4	0	1	0	47
	06:00	0	0	0	0	0	0	0	0	0	7	33	16	5	1	0	0	62
	06:15	0	0	0	0	0	0	0	0	0	11	37	27	6	1	0	0	82
Daily Total :		0	1	0	0	0	0	1	9	18	77	284	147	40	8	5	0	590
Percent :		0%	0%	0%	0%	0%	0%	0%	2%	3%	13%	48%	25%	7%	1%	1%	0%	
Average :		0	0	0	0	0	0	0	0	1	3	11	6	2	0	0	0	78

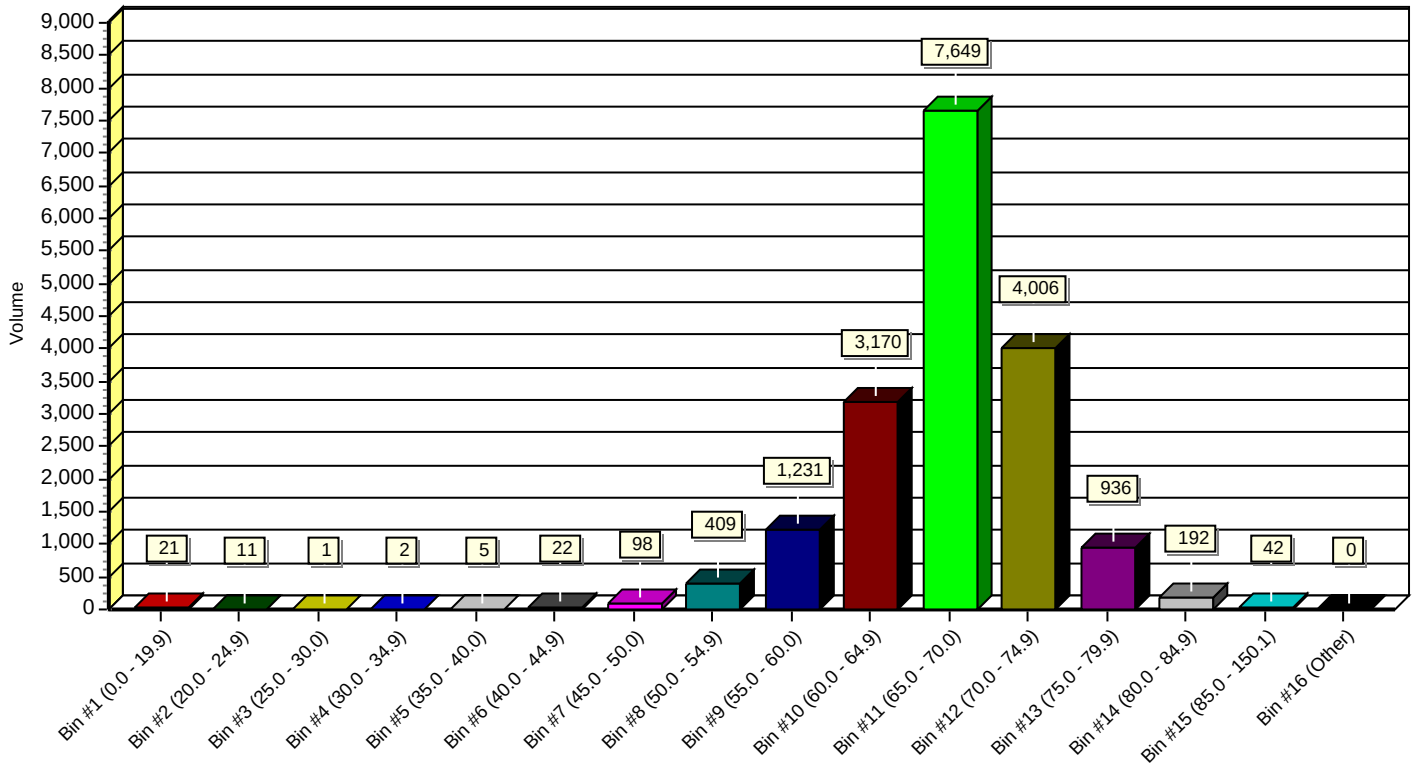
Speeds - Average: 68.7 50% : 68.3 67% : 70.4 85% : 73.8 10mph Pace: 65.0 - 74.9 (73.1%)

Basic Speed Class Summary: 2D0000356

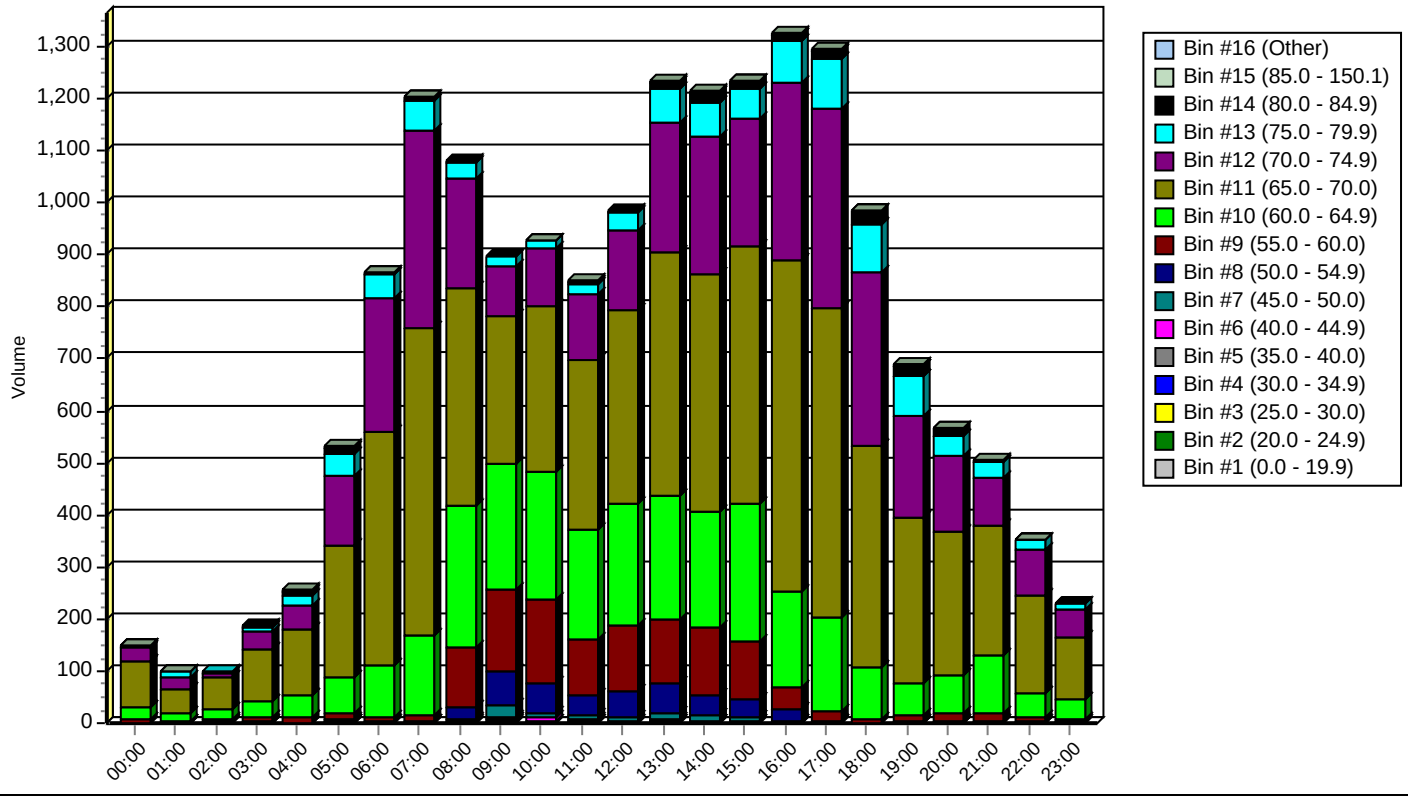
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	21	11	1	2	5	22	98	409	1231	3170	7649	4006	936	192	42	0	17795
		21	11	1	2	5	22	98	409	1231	3170	7649	4006	936	192	42	0	17795
Percents :	#1.	0%	0%	0%	0%	0%	0%	1%	2%	7%	18%	43%	23%	5%	1%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	1%	2%	7%	18%	43%	23%	5%	1%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	2	5	12	29	15	4	1	0	0	68
		0	0	0	0	0	0	0	2	5	12	29	15	4	1	0	0	68
Days & ADT :	#1.	2.7	6470															
		2.7	6470															
Avg,50,67,85%:	#1.	67.2	67.6	69.6	73.2	65.0	- 74.9	66%										
		67.2	67.6	69.6	73.2	65.0	- 74.9	66%										

2D0000356 Speed Class Charts For Data From: 12:30 - 04/11/2011 To: 06:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0000356

Station ID : 2P0000356
Info Line 1 : 443 EB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 2P0000356.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11454
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		443 PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 12:30 - 04/11/2011 To: 06:44 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	12:30	0	17	18	0	1	0	0	2	2	0	0	0	1	1	42
Mon	12:45	0	12	17	0	1	0	0	0	1	0	0	0	0	0	31
	13:00	0	13	16	0	0	0	0	0	0	0	0	0	0	0	29
	13:15	0	5	12	0	2	0	0	0	0	0	0	0	0	0	19
	13:30	0	8	18	0	1	0	0	0	0	0	0	0	0	0	27
	13:45	0	6	9	0	0	0	0	0	0	0	0	0	0	0	15
	14:00	0	5	6	0	1	0	0	0	2	0	0	0	0	0	14
	14:15	0	9	19	0	1	0	0	0	0	0	0	0	0	0	29
	14:30	0	3	19	0	1	0	0	0	1	0	0	0	0	0	24
	14:45	0	9	13	0	1	0	0	0	0	0	0	0	0	0	23
	15:00	1	7	11	0	0	0	0	0	0	0	0	0	0	0	19
	15:15	2	7	13	0	1	0	0	0	0	0	0	0	0	0	23
	15:30	0	8	16	0	1	0	0	1	1	0	0	0	0	0	27
	15:45	0	13	24	0	3	0	0	1	0	0	0	0	1	0	42
	16:00	0	7	15	0	1	0	0	0	0	0	0	0	0	0	23
	16:15	0	9	15	0	1	0	0	0	0	0	0	0	0	0	25
	16:30	0	7	11	0	0	0	0	0	0	0	0	0	0	1	19
	16:45	1	8	13	0	2	0	0	1	0	0	0	0	0	0	25
	17:00	0	8	19	0	0	0	1	0	0	0	0	0	0	1	29
	17:15	0	8	20	0	0	0	0	0	0	0	0	0	0	0	28
	17:30	0	13	26	0	0	0	0	0	0	0	0	0	0	0	39
	17:45	1	9	15	0	1	0	0	0	1	0	0	0	1	0	28
	18:00	0	1	6	0	0	0	0	0	2	0	0	0	0	0	9
	18:15	0	12	3	0	1	0	0	0	1	0	0	0	0	0	17
	18:30	0	5	6	0	1	0	0	0	0	0	0	0	0	0	12
	18:45	0	6	7	1	0	0	0	1	0	0	0	0	0	0	15
	19:00	0	5	6	1	0	0	0	0	0	0	0	0	0	0	12
	19:15	0	1	8	0	1	0	0	0	0	0	0	0	0	0	10
	19:30	0	5	3	0	0	0	0	0	0	1	0	0	1	0	10
	19:45	0	3	7	0	0	0	0	0	0	0	0	0	0	0	10
	20:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	20:15	0	4	3	0	0	0	0	0	2	0	0	0	0	0	9
	20:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	20:45	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	21:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Mon	21:15	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	21:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	21:45	1	1	2	0	0	0	0	0	0	0	0	0	1	0	5
	22:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	22:15	0	1	2	0	1	0	0	0	0	0	0	0	0	0	4
	22:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
	22:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	23:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		6	260	415	2	24	0	1	6	13	1	0	0	5	3	736
	Percent :	1%	35%	56%	0%	3%	0%	0%	1%	2%	0%	0%	0%	1%	0%	
	Average :	0	6	9	0	1	0	0	0	0	0	0	0	0	0	16

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	01:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	04:45	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4
	05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	05:30	0	5	4	0	1	0	0	0	0	0	0	0	1	0	11
	05:45	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	06:00	1	7	1	0	0	0	0	0	1	0	0	0	0	0	10
	06:15	0	12	6	0	0	0	0	0	0	0	0	0	0	0	18
	06:30	0	25	29	0	2	0	0	0	0	0	0	0	0	0	56
	06:45	0	26	34	0	0	0	0	0	0	0	0	0	0	1	61
	07:00	0	32	27	0	0	0	0	1	0	0	0	0	0	2	62
	07:15	0	31	21	0	3	0	0	0	0	0	0	0	0	0	55
	07:30	0	42	44	0	4	0	0	0	0	0	0	0	0	1	91
	07:45	1	62	45	0	2	0	0	0	3	0	0	0	0	0	113
	08:00	0	23	25	0	2	0	0	1	0	0	0	0	0	0	51
	08:15	0	34	28	0	1	0	0	0	0	0	0	0	0	0	63
	08:30	0	24	21	0	2	0	0	2	1	0	0	0	1	0	51
	08:45	0	14	24	1	3	0	0	0	0	0	0	0	0	1	43
	09:00	0	10	12	0	0	0	0	0	0	0	0	0	0	0	22
	09:15	0	16	16	0	0	0	0	0	0	0	0	0	0	0	32
	09:30	0	15	19	0	1	0	0	0	2	1	0	0	1	0	39
	09:45	0	13	19	1	0	0	0	0	2	0	0	0	0	0	35
	10:00	0	16	15	0	1	0	0	1	3	0	0	0	1	0	37
	10:15	0	22	17	0	1	0	0	1	4	0	0	0	0	0	45
	10:30	0	15	16	0	0	0	0	0	2	0	0	0	0	0	33
	10:45	0	16	21	0	0	0	0	0	0	0	0	0	0	0	37
	11:00	0	12	13	0	0	0	0	0	1	0	0	0	0	0	26
	11:15	1	9	20	0	2	0	0	1	1	1	0	0	0	0	35
	11:30	0	2	10	0	1	0	0	0	1	0	0	0	0	0	14
	11:45	0	16	14	0	1	0	0	0	3	0	0	0	1	0	35
	12:00	0	3	21	0	0	0	0	0	1	0	0	0	1	0	26
	12:15	0	10	17	0	0	0	0	0	1	0	0	0	0	0	28

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	9	27	0	0	0	0	0	1	0	0	0	0	0	37
Tue	12:45	0	10	18	1	2	0	0	0	4	0	0	0	0	0	35
	13:00	0	12	15	0	5	0	0	0	6	0	1	0	1	0	40
	13:15	0	11	14	0	1	0	0	0	1	0	0	1	1	0	29
	13:30	0	5	15	0	0	0	0	0	2	0	0	0	0	0	22
	13:45	0	5	20	0	4	0	0	0	2	0	0	0	1	0	32
	14:00	0	4	13	1	1	0	0	0	1	0	0	1	1	0	22
	14:15	0	12	15	0	1	0	0	0	0	0	0	0	0	0	28
	14:30	0	10	18	1	0	0	0	1	1	0	0	0	0	0	31
	14:45	0	18	27	0	1	0	0	0	1	0	0	0	0	1	48
	15:00	0	16	19	1	1	0	0	0	1	0	0	0	0	0	38
	15:15	0	11	17	0	1	0	0	0	0	0	0	0	0	0	29
	15:30	0	14	16	0	0	0	0	0	1	0	0	0	1	0	32
	15:45	0	9	18	0	2	0	0	2	1	0	0	0	0	1	33
	16:00	0	13	20	0	0	0	0	0	0	0	0	0	1	0	34
	16:15	0	8	19	0	0	0	0	1	2	0	0	0	0	0	30
	16:30	0	12	17	0	0	0	0	0	2	0	0	0	0	0	31
	16:45	0	8	17	1	1	0	0	0	0	0	0	0	0	1	28
	17:00	0	14	9	0	1	0	0	0	0	0	0	0	0	0	24
	17:15	0	11	14	0	0	0	0	0	1	0	0	0	0	0	26
	17:30	0	24	26	0	0	1	0	0	0	0	0	0	0	0	51
	17:45	0	16	16	0	2	0	0	1	1	0	0	0	0	0	36
	18:00	0	6	5	0	0	0	0	0	1	0	0	0	0	0	12
	18:15	0	7	11	0	1	0	0	0	0	0	0	0	1	0	20
	18:30	0	12	13	0	1	0	0	0	0	0	0	0	0	1	27
	18:45	0	7	5	0	0	0	0	0	0	0	0	0	0	0	12
	19:00	0	5	7	0	0	0	0	0	0	0	0	0	0	0	12
	19:15	0	6	7	0	1	0	0	0	1	0	0	0	0	0	15
	19:30	0	4	6	0	0	0	0	0	0	0	0	0	0	0	10
	19:45	0	3	6	0	0	0	0	0	0	0	0	0	0	0	9
	20:00	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
	20:15	0	6	2	0	1	0	0	0	0	0	0	0	0	0	9
	20:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	20:45	0	1	5	0	0	0	0	0	0	0	0	0	0	0	6
	21:00	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	21:15	1	3	1	0	0	0	0	0	0	0	0	0	0	0	5
	21:30	0	1	3	0	0	0	0	0	0	0	0	0	1	0	5
	21:45	0	3	2	0	2	0	0	0	0	0	0	0	0	0	7
	22:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	22:15	0	5	2	0	1	0	0	0	0	0	0	0	0	0	8
	22:30	0	1	2	0	0	0	0	0	1	0	0	0	0	0	4
	22:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		4	862	1034	7	58	1	0	12	61	2	1	2	14	9	2067
	Percent :	0%	42%	50%	0%	3%	0%	0%	1%	3%	0%	0%	0%	1%	0%	
	Average :	0	9	11	0	1	0	0	0	1	0	0	0	0	0	22

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Wed	00:15	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	00:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
	03:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	05:15	0	2	0	0	1	0	0	0	0	0	0	0	0	0	3
	05:30	0	7	6	0	2	0	0	0	0	0	0	0	0	0	15
	05:45	1	4	4	0	0	0	0	0	0	0	0	0	1	0	10
	06:00	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	06:15	0	8	10	0	0	0	0	0	0	0	0	0	0	0	18
	06:30	0	25	31	0	1	0	0	0	0	0	0	0	0	0	57
	06:45	0	28	26	0	0	0	0	0	2	0	0	0	0	0	56
	07:00	0	26	24	0	0	0	0	0	1	0	0	0	0	0	51
	07:15	1	39	39	1	0	0	0	1	3	0	0	0	0	1	85
	07:30	0	39	38	1	3	0	0	1	3	0	0	0	0	1	86
	07:45	0	41	43	0	2	0	0	0	0	0	0	0	0	0	86
	08:00	0	23	22	0	1	0	0	0	1	0	0	0	0	0	47
	08:15	0	9	8	0	0	0	0	1	1	0	0	0	1	0	20
	08:30	0	6	7	0	0	0	0	0	0	0	0	0	0	0	13
	08:45	0	2	6	0	0	0	0	0	0	0	0	0	0	0	8
	09:00	0	3	7	0	0	1	0	0	0	0	0	0	0	0	11
	09:15	0	9	13	0	0	0	0	0	1	0	0	0	1	0	24
	09:30	0	5	5	0	0	0	0	0	1	0	0	0	1	0	12
	09:45	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	10:00	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	10:15	0	1	3	0	1	0	0	0	0	0	0	0	0	0	5
	10:30	0	6	5	0	0	0	0	0	1	0	0	0	0	0	12
	10:45	0	3	9	0	0	0	0	0	0	0	0	0	0	0	12
	11:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	11:15	0	3	5	0	1	0	0	0	0	0	0	0	0	0	9
	11:30	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	11:45	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	12:00	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	12:15	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
Wed	12:45	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
	13:00	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	13:15	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	13:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	13:45	0	3	10	0	0	0	0	0	1	0	0	0	0	0	14
	14:00	0	3	7	0	1	0	0	0	0	0	0	0	0	0	11
	14:15	0	5	3	0	0	0	0	0	1	0	0	0	0	0	9
	14:30	0	3	5	0	0	0	0	0	0	0	0	0	0	0	8
	14:45	0	3	10	0	0	0	0	0	2	0	0	0	0	0	15
	15:00	0	6	10	0	0	0	0	1	2	0	0	0	0	0	19
	15:15	0	7	7	0	1	0	0	0	0	0	0	0	0	0	15
	15:30	0	4	4	0	0	0	0	1	0	0	0	0	0	0	9
	15:45	0	2	5	0	0	0	0	0	0	0	0	0	0	0	7
	16:00	0	4	7	0	2	0	0	0	0	0	0	0	0	0	13
	16:15	1	26	29	0	0	1	1	0	3	0	0	0	0	1	62
	16:30	0	6	19	0	2	0	0	0	1	1	0	0	0	0	29
	16:45	0	9	18	0	0	0	0	0	0	0	0	0	0	0	27
	17:00	1	8	5	0	0	0	0	1	0	0	0	0	0	0	15
	17:15	0	17	16	0	1	0	0	0	0	0	0	0	1	0	35
	17:30	0	20	18	0	1	0	0	0	2	0	0	0	0	0	41
	17:45	0	8	13	0	0	0	0	0	4	0	0	0	0	0	25
	18:00	0	7	9	0	0	0	0	0	3	0	0	0	1	0	20
	18:15	0	9	11	0	0	0	0	0	3	0	0	0	0	0	23
	18:30	0	13	11	0	0	0	0	0	1	0	0	0	0	0	25
	18:45	0	5	11	0	1	0	0	0	1	0	0	0	0	0	18
	19:00	0	3	3	0	0	0	0	0	1	0	0	0	1	0	8
	19:15	0	5	4	0	0	0	0	0	1	0	0	0	0	0	10
	19:30	0	6	4	0	0	0	0	0	2	0	0	0	0	0	12
	19:45	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	20:00	0	4	5	0	0	0	0	0	1	0	0	0	0	0	10
	20:15	0	4	2	0	0	0	0	0	1	1	0	0	0	0	8
	20:30	0	3	3	0	0	0	0	0	1	0	0	0	1	0	8
	20:45	0	3	5	0	0	0	0	0	0	0	0	0	0	0	8
	21:00	2	4	3	0	0	0	0	0	1	0	0	0	0	0	10
	21:15	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	21:30	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	21:45	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	22:00	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	22:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	22:30	0	0	3	0	0	0	0	0	2	0	0	0	0	0	5
	22:45	1	2	3	0	0	0	0	0	0	0	0	0	0	0	6
	23:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		7	542	650	2	22	2	1	6	53	2	0	0	8	3	1298
	Percent :	1%	42%	50%	0%	2%	0%	0%	0%	4%	0%	0%	0%	1%	0%	
	Average :	0	6	7	0	0	0	0	0	1	0	0	0	0	0	14

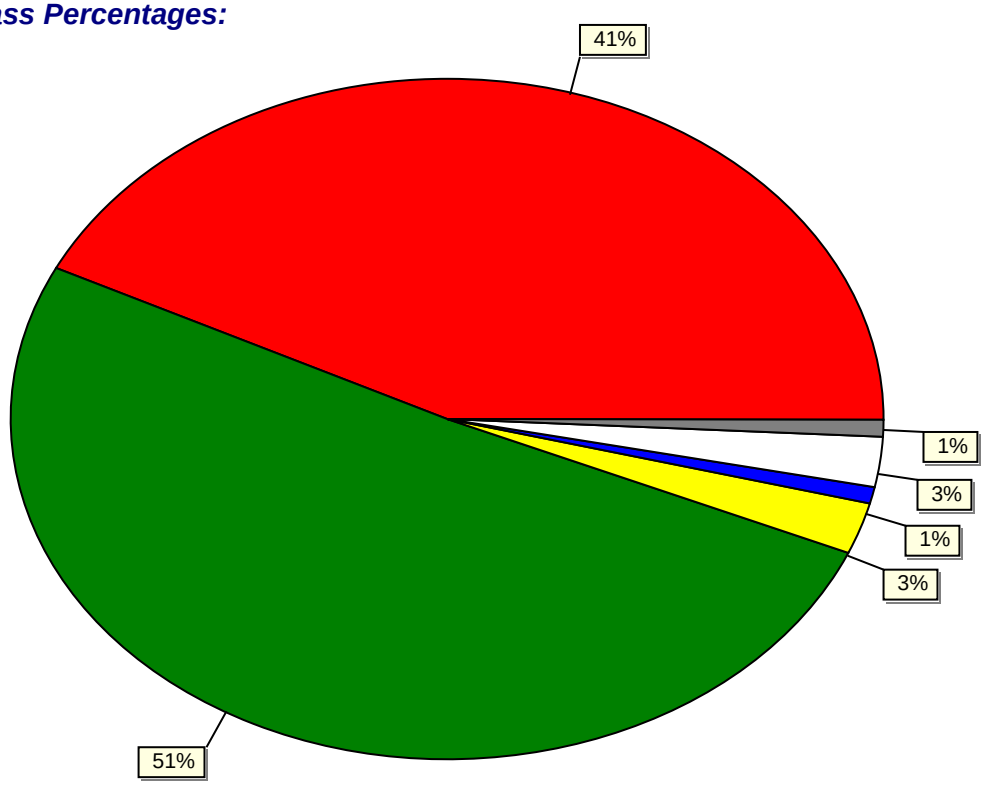
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	03:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	03:45	0	1	0	0	0	0	0	0	1	0	0	1	0	0	3
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	05:15	0	4	3	0	0	0	0	0	1	0	0	0	0	0	8
	05:30	0	6	5	0	0	0	0	0	0	0	0	0	0	0	11
	05:45	0	6	9	0	3	0	0	0	0	0	0	0	0	0	18
	06:00	0	4	4	0	0	0	0	0	0	0	0	0	0	0	8
	06:15	0	7	15	0	0	0	0	0	1	0	0	0	0	0	23
Daily Total :		0	38	41	0	3	0	0	0	5	0	0	2	0	0	89
Percent :		0%	43%	46%	0%	3%	0%	0%	0%	6%	0%	0%	2%	0%	0%	
Average :		0	1	2	0	0	0	0	0	0	0	0	0	0	0	3

Basic Axle Class Summary: 2P0000356

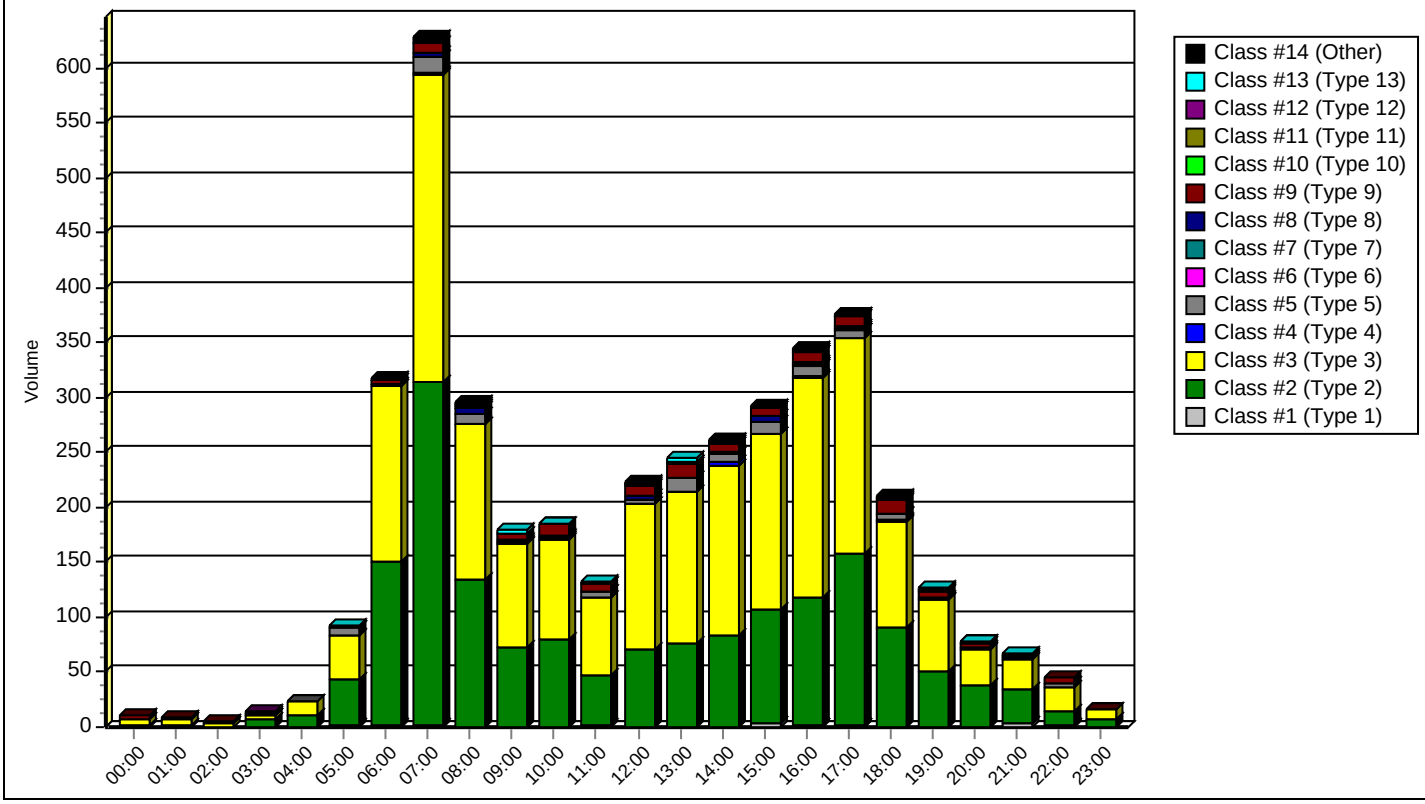
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	17	1702	2140	11	107	3	2	24	132	5	1	4	27	15	4190
		17	1702	2140	11	107	3	2	24	132	5	1	4	27	15	4190
Percents :	#1.	0%	41%	51%	0%	3%	0%	0%	1%	3%	0%	0%	0%	1%	0%	100%
		0%	41%	51%	0%	3%	0%	0%	1%	3%	0%	0%	0%	1%	0%	
Average :	#1.	0	6	8	0	0	0	0	0	1	0	0	0	0	0	15
		0	6	8	0	0	0	0	0	1	0	0	0	0	0	15
Days & ADT :	#1.	2.7	1523													
		2.7	1523													

2P0000356 Axle Class Charts For Data From: 12:30 - 04/11/2011 To: 06:44 - 04/14/2011

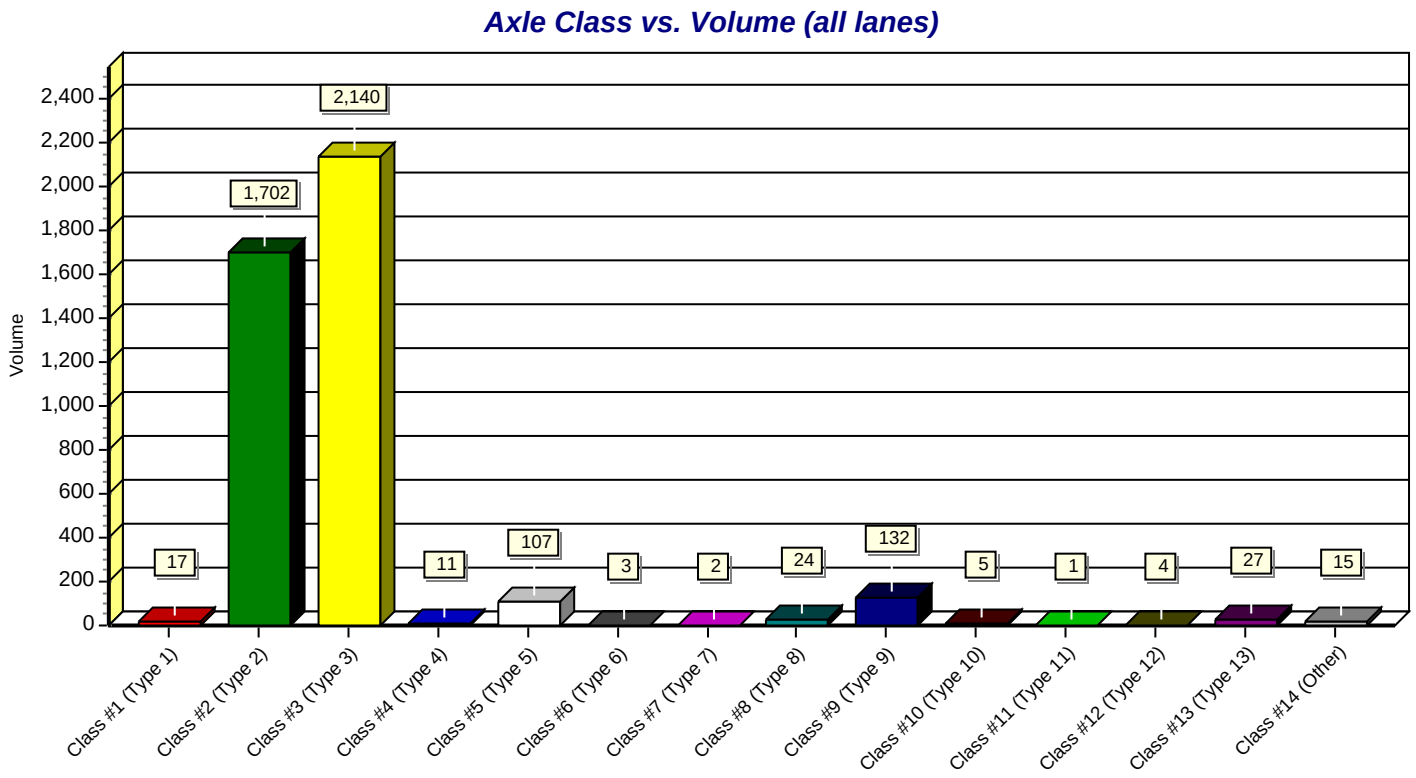
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0000356 Axle Class Charts For Data From: 12:30 - 04/11/2011 To: 06:44 - 04/14/2011



Basic Speed Classification Report: 2P0000356

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		443 PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 12:30 - 04/11/2011 To: 06:44 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	12:30	0	0	0	0	0	0	0	0	4	6	14	9	8	1	0	0	42
Mon	12:45	0	0	0	0	0	0	0	0	0	0	4	9	12	5	1	0	31
	13:00	0	0	0	0	0	0	0	0	0	0	0	9	12	6	2	0	29
	13:15	0	0	0	0	0	0	0	0	0	0	0	3	9	3	4	0	19
	13:30	0	0	0	0	0	0	0	0	0	0	2	8	8	3	6	0	27
	13:45	0	0	0	0	0	0	0	0	0	0	0	1	3	6	5	0	15
	14:00	0	0	0	0	0	0	0	0	0	0	0	6	5	2	1	0	14
	14:15	0	0	0	0	0	0	0	0	0	0	0	6	8	11	4	0	29
	14:30	0	0	0	0	0	0	0	0	0	0	2	3	3	12	4	0	24
	14:45	0	0	0	0	0	0	0	0	0	0	0	6	13	4	0	0	23
	15:00	0	0	0	0	0	0	0	0	0	0	1	4	5	7	2	0	19
	15:15	0	0	0	0	0	0	0	0	0	1	0	3	13	3	3	0	23
	15:30	0	0	0	0	0	0	0	0	0	0	3	6	5	9	4	0	27
	15:45	0	0	0	0	0	0	0	0	0	0	2	7	19	12	2	0	42
	16:00	0	0	0	0	0	0	0	0	0	0	0	12	8	3	0	0	23
	16:15	0	0	0	0	0	0	0	0	0	0	1	10	5	8	1	0	25
	16:30	0	0	0	0	0	0	0	0	0	0	0	4	13	2	0	0	19
	16:45	0	0	0	0	0	0	0	0	0	0	0	14	8	1	2	0	25
	17:00	0	0	0	0	0	0	0	0	0	0	0	12	9	8	0	0	29
	17:15	0	0	0	0	0	0	0	0	0	0	0	12	11	3	2	0	28
	17:30	0	0	0	0	0	0	0	0	0	0	2	17	12	8	0	0	39
	17:45	0	0	0	0	0	0	0	0	0	0	0	13	7	6	2	0	28
	18:00	0	0	0	0	0	0	0	0	0	0	1	2	5	1	0	0	9
	18:15	0	0	0	0	0	0	0	0	0	0	0	5	5	6	1	0	17
	18:30	0	0	0	0	0	0	0	0	0	0	0	6	3	2	1	0	12
	18:45	0	0	0	0	0	0	0	0	0	0	1	9	3	2	0	0	15
	19:00	0	0	0	0	0	0	0	0	1	0	0	3	3	2	3	0	12
	19:15	0	0	0	0	0	0	0	0	0	0	0	3	3	4	0	0	10
	19:30	0	0	0	0	0	0	0	0	0	0	1	4	2	3	0	0	10
	19:45	0	0	0	0	0	0	0	0	0	0	2	2	1	3	2	0	10
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	20:15	0	0	0	0	0	0	0	0	0	1	1	1	3	3	0	0	9
	20:30	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
	20:45	0	0	0	0	0	0	0	0	0	0	0	4	4	1	0	0	9
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
	21:15	0	0	0	0	0	0	0	0	0	0	1	7	2	0	1	0	11
	21:30	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	21:45	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	5
	22:00	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3
	22:15	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	4

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	22:30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
Mon	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	23:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Daily Total :		0	0	0	0	0	0	0	0	5	8	41	231	239	157	55	0	736
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	6%	31%	32%	21%	7%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	1	5	5	3	1	0	15

Speeds - Average: 79.1 50% : 76.8 67% : 79.3 85% : 83.2 10mph Pace: 70.1 - 80.0 (64.1%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	3
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	1	0	3	1	1	0	6
	04:45	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	4
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	0	1	3	5	1	1	0	11
	05:45	0	0	0	0	0	0	0	0	1	0	1	1	2	2	0	0	7
	06:00	1	0	0	0	0	0	0	0	0	0	2	5	2	0	0	0	10
	06:15	0	0	0	0	0	0	0	0	0	1	0	9	6	2	0	0	18
	06:30	0	0	0	0	0	0	0	0	0	0	3	15	27	10	1	0	56
	06:45	0	0	0	0	0	0	0	0	0	0	2	20	27	10	2	0	61
	07:00	0	0	0	0	0	0	0	0	0	0	1	31	23	5	2	0	62
	07:15	0	0	0	0	0	0	0	0	0	0	6	25	20	4	0	0	55
	07:30	0	0	0	0	0	0	0	0	0	0	6	32	35	16	2	0	91
	07:45	0	0	0	0	0	0	0	0	0	0	3	50	46	11	3	0	113
	08:00	0	0	0	0	0	0	0	0	0	0	2	20	21	7	1	0	51
	08:15	0	0	0	0	0	0	0	0	0	0	7	27	26	1	2	0	63
	08:30	0	0	0	0	0	0	0	0	0	0	2	23	15	7	4	0	51
	08:45	0	0	0	0	0	0	0	0	0	0	3	23	11	4	2	0	43
	09:00	0	0	0	0	0	0	0	0	0	0	2	14	6	0	0	0	22
	09:15	0	0	0	0	0	0	0	0	0	0	0	16	13	3	0	0	32
	09:30	0	0	0	0	0	0	0	0	0	0	2	18	15	4	0	0	39
	09:45	0	0	0	0	0	0	0	0	0	0	0	21	10	4	0	0	35
	10:00	0	0	0	0	0	0	0	0	0	0	9	16	8	3	1	0	37
	10:15	0	0	0	0	0	0	0	0	0	1	5	15	17	6	1	0	45
	10:30	0	0	0	0	0	0	0	0	0	0	3	10	17	2	1	0	33
	10:45	0	0	0	0	0	0	0	0	0	1	8	13	7	5	3	0	37
	11:00	0	0	0	0	0	0	0	0	0	0	3	8	7	4	4	0	26
	11:15	0	0	0	0	0	0	0	0	0	0	3	12	14	4	2	0	35
	11:30	0	0	0	0	0	0	0	0	0	0	1	3	8	1	1	0	14
	11:45	0	0	0	0	0	0	0	0	0	0	5	10	13	6	1	0	35
	12:00	0	0	0	0	0	0	0	0	0	0	2	15	4	4	1	0	26
	12:15	0	0	0	0	0	0	0	0	0	0	1	9	14	4	0	0	28

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	0	0	0	13	14	9	1	0	37
Tue	12:45	0	0	0	0	0	0	0	0	0	0	2	16	11	6	0	0	35
	13:00	0	0	0	0	0	0	0	0	2	2	18	11	5	2	0	0	40
	13:15	0	0	0	0	0	0	0	0	0	0	3	13	9	4	0	0	29
	13:30	0	0	0	0	0	0	0	0	0	0	1	4	9	8	0	0	22
	13:45	0	0	0	0	0	0	0	0	0	0	4	12	10	4	2	0	32
	14:00	0	0	0	0	0	0	0	0	0	0	4	8	5	5	0	0	22
	14:15	0	0	0	0	0	0	0	0	0	0	0	11	9	5	3	0	28
	14:30	0	0	0	0	0	0	0	0	1	1	4	8	13	4	0	0	31
	14:45	0	0	0	0	0	0	0	0	0	0	3	18	13	12	2	0	48
	15:00	0	0	0	0	0	0	0	0	0	0	5	12	12	9	0	0	38
	15:15	0	0	0	0	0	0	0	0	0	0	3	12	9	4	1	0	29
	15:30	0	0	0	0	0	0	0	0	0	0	3	10	16	3	0	0	32
	15:45	0	0	0	0	0	0	0	0	0	0	2	11	12	6	2	0	33
	16:00	0	0	0	0	0	0	0	0	0	0	4	17	7	6	0	0	34
	16:15	0	0	0	0	0	0	0	0	0	0	2	14	9	4	1	0	30
	16:30	0	0	0	0	0	0	0	0	0	0	0	12	16	2	1	0	31
	16:45	0	0	0	0	0	0	0	0	0	0	1	13	8	4	2	0	28
	17:00	0	0	0	0	0	0	0	0	0	0	1	7	10	4	2	0	24
	17:15	0	0	0	0	0	0	0	0	0	0	2	8	8	7	1	0	26
	17:30	0	0	0	0	0	0	0	0	0	0	2	26	15	6	2	0	51
	17:45	0	0	0	0	0	0	0	0	0	0	1	15	13	5	2	0	36
	18:00	0	0	0	0	0	0	0	0	0	0	0	9	1	1	1	0	12
	18:15	0	0	0	0	0	0	0	0	0	0	0	11	5	3	1	0	20
	18:30	0	0	0	0	0	0	0	0	0	0	0	6	14	3	4	0	27
	18:45	0	0	0	0	0	0	0	0	0	0	0	3	4	2	3	0	12
	19:00	0	0	0	0	0	0	0	0	0	0	1	5	4	2	0	0	12
	19:15	0	0	0	0	0	0	0	0	0	0	1	3	4	5	2	0	15
	19:30	0	0	0	0	0	0	0	0	0	0	1	4	2	2	1	0	10
	19:45	0	0	0	0	0	0	0	0	0	0	0	1	2	5	1	0	9
	20:00	0	0	0	0	0	0	0	0	0	0	1	2	2	2	0	0	7
	20:15	0	0	0	0	0	0	0	0	0	0	0	6	1	2	0	0	9
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	20:45	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	6
	21:00	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	5
	21:15	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	5
	21:30	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	5
	21:45	0	0	0	0	0	0	0	0	0	0	1	3	1	2	0	0	7
	22:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	22:15	0	0	0	0	0	0	0	0	0	0	0	5	2	0	1	0	8
	22:30	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	0	0	0	0	0	0	4	7	163	816	713	287	76	0	2067
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	39%	34%	14%	4%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	2	9	7	3	1	0	15

Speeds - Average: 76.7 50% : 75.4 67% : 77.8 85% : 81.1 10mph Pace: 70.1 - 80.0 (74.3%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	4
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	0	0	8	2	5	0	0	15
	05:45	0	0	0	0	0	0	0	0	0	0	0	5	1	4	0	0	10
	06:00	0	0	0	0	0	0	0	0	0	0	2	3	4	1	1	0	11
	06:15	0	0	0	0	0	0	0	0	0	0	1	6	10	1	0	0	18
	06:30	0	0	0	0	0	0	0	0	0	0	3	16	22	11	5	0	57
	06:45	0	0	0	0	0	0	0	0	0	0	1	13	25	14	3	0	56
	07:00	0	0	0	0	0	0	0	0	0	0	0	14	32	4	1	0	51
	07:15	1	0	0	0	0	0	0	0	0	0	13	31	28	12	0	0	85
	07:30	0	0	0	0	0	0	0	0	0	0	3	26	45	9	3	0	86
	07:45	0	0	0	0	0	0	0	0	0	0	1	33	32	16	4	0	86
	08:00	0	0	0	0	0	0	0	0	0	0	4	21	15	6	1	0	47
	08:15	0	0	0	0	0	0	0	0	0	2	4	7	5	2	0	0	20
	08:30	0	0	0	0	0	0	0	1	1	2	2	3	2	1	1	0	13
	08:45	0	0	0	0	0	0	0	1	1	0	1	2	3	0	0	0	8
	09:00	0	0	0	0	0	0	0	0	3	2	5	1	0	0	0	0	11
	09:15	0	0	0	0	0	0	1	1	5	7	6	3	1	0	0	0	24
	09:30	0	0	0	0	0	0	2	1	1	1	1	2	4	0	0	0	12
	09:45	0	0	0	0	0	0	0	0	0	0	2	1	0	2	0	0	5
	10:00	0	0	0	0	0	0	1	0	0	1	0	1	0	2	0	0	5
	10:15	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	0	5
	10:30	0	0	0	0	0	0	0	1	0	1	3	3	4	0	0	0	12
	10:45	0	0	0	0	0	0	0	0	1	0	1	3	4	2	1	0	12
	11:00	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
	11:15	0	0	0	0	0	0	0	0	0	0	3	4	2	0	0	0	9
	11:30	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	4
	11:45	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	5
	12:00	0	0	0	0	0	0	0	0	0	0	2	1	2	1	0	0	6
	12:15	0	0	0	0	0	0	0	0	1	0	0	3	2	1	0	0	7

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	4
Wed	12:45	0	0	0	0	0	0	0	0	0	0	2	3	1	1	0	0	7
	13:00	0	0	0	0	0	0	0	1	0	0	2	4	1	1	0	0	9
	13:15	0	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	6
	13:30	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3
	13:45	0	0	0	0	0	0	0	1	2	1	4	2	3	1	0	0	14
	14:00	0	0	0	0	0	0	0	0	1	1	3	5	1	0	0	0	11
	14:15	0	0	0	0	0	0	0	0	0	3	1	2	1	2	0	0	9
	14:30	0	0	0	0	0	0	0	0	0	1	0	1	3	2	1	0	8
	14:45	0	0	0	0	0	0	0	1	0	1	3	7	3	0	0	0	15
	15:00	0	0	0	0	0	0	0	0	2	3	10	2	1	1	0	0	19
	15:15	0	0	0	0	0	0	0	0	1	2	1	4	5	2	0	0	15
	15:30	0	0	0	0	0	0	0	0	0	0	3	4	2	0	0	0	9
	15:45	0	0	0	0	0	0	0	1	0	0	0	4	1	1	0	0	7
	16:00	0	0	0	0	0	0	0	0	2	2	5	3	0	1	0	0	13
	16:15	0	0	0	0	0	0	0	2	5	5	13	17	13	5	2	0	62
	16:30	0	0	0	0	0	0	0	0	0	0	3	15	8	3	0	0	29
	16:45	0	0	0	0	0	0	0	0	0	0	0	16	9	2	0	0	27
	17:00	0	0	0	0	0	0	0	0	0	0	1	6	5	3	0	0	15
	17:15	0	0	0	0	0	0	0	0	1	0	2	21	8	3	0	0	35
	17:30	0	0	0	0	0	0	0	0	0	0	3	17	15	5	1	0	41
	17:45	0	0	0	0	0	0	0	0	0	0	5	8	10	2	0	0	25
	18:00	0	0	0	0	0	0	0	0	0	0	1	10	7	1	1	0	20
	18:15	0	0	0	0	0	0	0	0	0	0	4	8	9	2	0	0	23
	18:30	0	0	0	0	0	0	0	0	0	0	0	11	7	6	1	0	25
	18:45	0	0	0	0	0	0	0	0	0	0	1	4	8	4	1	0	18
	19:00	0	0	0	0	0	0	0	0	0	0	1	4	0	0	3	0	8
	19:15	0	0	0	0	0	0	0	0	0	0	1	3	4	2	0	0	10
	19:30	0	0	0	0	0	0	0	0	0	0	3	4	4	0	1	0	12
	19:45	0	0	0	0	0	0	0	0	0	0	1	3	2	1	2	0	9
	20:00	0	0	0	0	0	0	0	0	0	0	3	0	5	1	1	0	10
	20:15	0	0	0	0	0	0	0	0	0	0	1	3	3	1	0	0	8
	20:30	0	0	0	0	0	0	0	0	1	2	2	2	1	0	0	0	8
	20:45	0	0	0	0	0	0	0	0	0	1	1	5	0	1	0	0	8
	21:00	0	0	0	0	0	0	0	0	0	2	2	4	1	0	1	0	10
	21:15	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3
	21:30	0	0	0	0	0	0	0	0	0	0	3	1	1	0	1	0	6
	21:45	0	0	0	0	0	0	0	0	0	0	1	0	2	3	0	0	6
	22:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	3
	22:15	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	22:30	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
	22:45	0	0	0	0	0	0	0	0	0	0	2	3	0	1	0	0	6
	23:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	0	0	0	0	4	11	30	43	161	446	403	156	43	0	1298
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	2%	3%	12%	34%	31%	12%	3%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	2	5	4	2	0	0	22

Speeds - Average: 75.1 50% : 74.4 67% : 77.2 85% : 80.2 10mph Pace: 70.1 - 80.0 (65.6%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
	05:15	0	0	0	0	0	0	0	0	0	0	1	1	4	1	1	0	8
	05:30	0	0	0	0	0	0	0	0	0	0	0	2	5	4	0	0	11
	05:45	0	0	0	0	0	0	0	0	0	0	3	6	6	2	1	0	18
	06:00	0	0	0	0	0	0	0	0	0	0	1	4	2	0	1	0	8
	06:15	0	0	0	0	0	0	0	0	0	0	1	14	6	1	1	0	23
Daily Total :		0	0	0	0	0	0	0	0	1	1	9	36	30	8	4	0	89
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	10%	40%	34%	9%	4%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	13

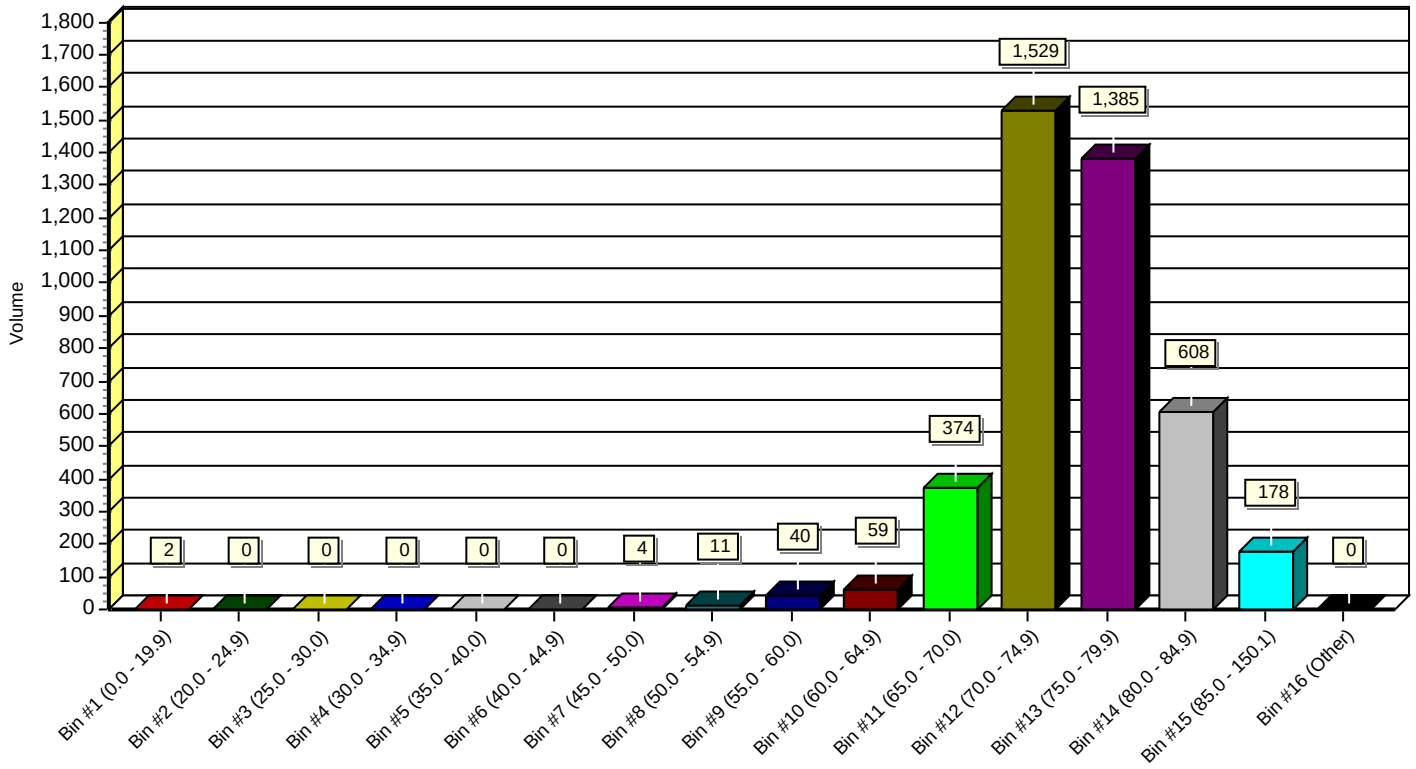
Speeds - Average: 76.3 50% : 73.5 67% : 77.4 85% : 78.4 10mph Pace: 71.5 - 81.4 (74.2%)

Basic Speed Class Summary: 2P0000356

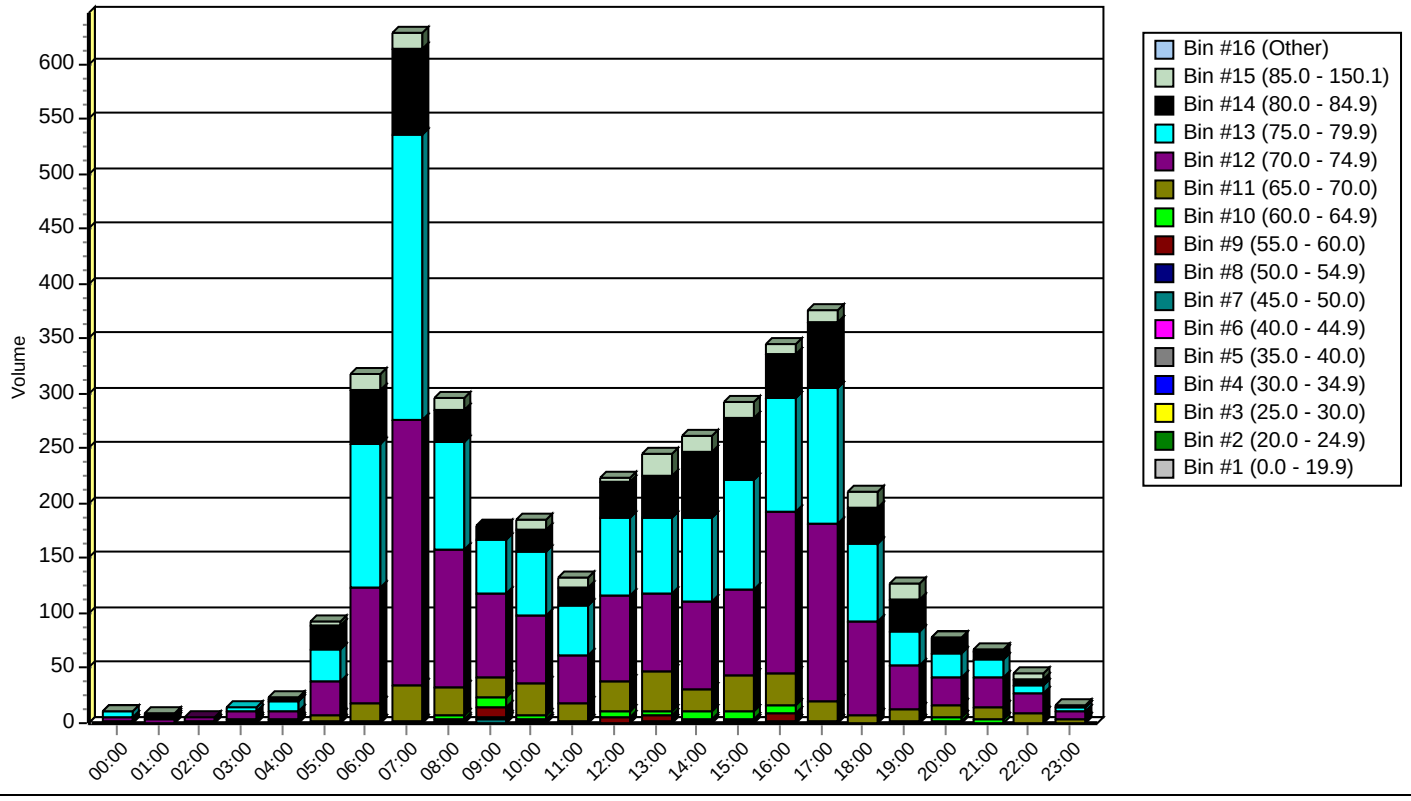
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	2	0	0	0	0	0	4	11	40	59	374	1529	1385	608	178	0	4190
		2	0	0	0	0	0	4	11	40	59	374	1529	1385	608	178	0	4190
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	9%	36%	33%	15%	4%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	9%	36%	33%	15%	4%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	0	1	6	5	2	1	0	15
		0	0	0	0	0	0	0	0	0	0	1	6	5	2	1	0	15
Days & ADT :	#1.	2.7	1523															
		2.7	1523															
Avg,50,67,85%:	#1.	76.6	75.4	77.9	81.4	70.1	- 80.0	70%										
		76.6	75.4	77.9	81.4	70.1	- 80.0	70%										

2P0000356 Speed Class Charts For Data From: 12:30 - 04/11/2011 To: 06:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0000356

Station ID : 4D0000356
Info Line 1 : WB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 4D0000356.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11446
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 13:00 - 04/11/2011 To: 06:29 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	13:00	0	52	13	0	3	0	0	2	11	1	0	0	1	0	83
Mon	13:15	0	52	27	0	2	1	0	0	8	0	0	0	3	0	93
	13:30	1	50	19	0	2	2	0	1	9	1	0	0	1	0	86
	13:45	2	57	22	5	2	0	0	0	12	0	0	0	1	2	103
	14:00	0	61	32	0	0	0	0	0	11	1	0	0	0	0	105
	14:15	1	51	27	0	2	1	0	0	15	1	0	0	1	0	99
	14:30	2	56	32	1	0	1	0	2	9	0	0	0	2	0	105
	14:45	1	57	26	0	0	0	0	1	9	1	0	0	2	0	97
	15:00	1	60	28	0	0	1	0	0	10	0	0	0	0	0	100
	15:15	0	63	19	0	2	0	0	0	5	1	0	0	2	0	92
	15:30	0	63	37	1	1	1	0	4	7	0	0	1	1	0	116
	15:45	0	70	24	0	0	0	0	0	9	0	0	0	3	0	106
	16:00	0	71	37	1	1	1	0	0	3	0	1	0	3	0	118
	16:15	1	61	32	1	0	0	0	0	13	0	0	0	0	0	108
	16:30	0	88	33	1	1	0	0	0	7	1	0	0	0	0	131
	16:45	0	77	32	2	0	0	0	0	9	0	0	0	0	0	120
	17:00	1	81	48	0	0	2	0	1	5	0	0	0	0	0	138
	17:15	1	114	27	0	2	1	0	2	8	0	0	0	0	1	156
	17:30	0	85	33	0	0	0	0	1	7	1	0	0	0	1	128
	17:45	0	74	34	0	0	4	0	0	6	0	0	0	1	1	120
	18:00	1	64	34	0	1	0	0	0	2	1	0	0	0	0	103
	18:15	3	52	28	1	0	0	0	5	5	0	0	1	1	0	96
	18:30	0	54	30	1	0	0	0	1	4	0	1	0	0	0	91
	18:45	2	35	20	0	0	0	0	1	7	0	0	0	0	0	65
	19:00	1	47	14	0	0	0	0	0	8	0	0	0	1	0	71
	19:15	0	42	20	0	1	0	0	0	3	0	1	0	2	0	69
	19:30	0	44	14	0	0	0	0	1	8	0	0	0	1	1	69
	19:45	0	31	17	0	3	0	0	0	1	0	0	1	2	0	55
	20:00	0	29	18	0	0	0	0	0	5	0	1	0	1	0	54
	20:15	0	31	16	0	1	0	0	0	6	1	0	2	0	0	57
	20:30	0	34	9	1	0	0	0	2	3	1	1	0	3	0	54
	20:45	0	32	8	0	2	0	0	0	1	0	1	1	4	1	50
	21:00	0	32	13	1	0	0	0	0	1	1	0	1	3	0	52
	21:15	0	30	14	0	0	0	0	0	7	0	0	1	2	0	54

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	21:30	0	26	8	0	1	0	0	2	2	0	0	1	0	0	40
Mon	21:45	0	24	7	1	0	0	0	5	1	0	2	3	0	0	43
	22:00	0	15	0	0	1	0	0	1	5	0	0	0	1	0	23
	22:15	1	21	10	0	0	0	0	1	4	1	0	0	0	0	38
	22:30	0	28	5	0	1	0	0	0	1	0	0	0	0	0	35
	22:45	0	9	8	0	0	0	0	0	0	0	1	0	1	0	19
	23:00	0	8	5	0	1	0	0	1	2	0	0	0	1	0	18
	23:15	1	20	6	0	0	0	0	0	2	0	0	0	1	0	30
	23:30	0	16	6	0	1	0	0	0	1	0	0	0	0	0	24
	23:45	0	15	6	1	0	0	0	1	2	0	0	0	1	0	26
Daily Total :		20	2082	898	18	31	15	0	35	254	13	9	12	46	7	3440
Percent :		1%	61%	26%	1%	1%	0%	0%	1%	7%	0%	0%	0%	1%	0%	
Average :		0	47	20	0	1	0	0	1	6	0	0	0	1	0	76

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	4	5	0	2	0	0	0	3	0	0	0	0	0	14
Tue	00:15	1	6	7	0	1	1	0	0	4	0	0	1	1	0	22
	00:30	0	9	1	0	1	0	0	0	0	0	0	0	1	0	12
	00:45	0	7	6	0	0	0	0	0	2	1	0	0	3	0	19
	01:00	0	9	0	0	1	0	0	1	4	0	0	0	0	0	15
	01:15	0	1	1	0	0	0	0	0	1	1	0	0	1	0	5
	01:30	0	5	2	0	1	0	0	1	3	0	0	0	1	0	13
	01:45	0	4	4	0	1	0	0	1	0	0	0	0	0	0	10
	02:00	0	3	4	1	0	0	0	1	2	0	0	1	0	0	12
	02:15	0	3	2	0	0	0	0	1	3	0	0	0	1	1	11
	02:30	0	4	1	1	0	0	0	0	1	0	1	0	2	0	10
	02:45	0	5	2	1	0	0	0	1	1	0	0	0	1	1	12
	03:00	0	1	0	0	0	0	0	1	1	0	0	0	0	0	3
	03:15	0	2	2	0	1	0	0	0	3	0	0	0	0	0	8
	03:30	0	3	2	0	0	0	0	0	1	0	0	0	1	0	7
	03:45	0	5	0	1	0	0	0	0	3	0	0	0	0	0	9
	04:00	0	9	6	0	1	0	0	0	0	0	0	0	2	0	18
	04:15	0	3	3	0	0	0	0	1	0	1	0	0	1	0	9
	04:30	0	9	7	3	0	0	0	1	4	0	0	0	3	0	27
	04:45	0	4	9	3	1	0	0	0	4	0	0	0	0	0	21
	05:00	0	10	5	1	0	0	0	0	1	0	0	0	1	0	18
	05:15	0	16	11	1	1	0	0	1	4	0	0	0	2	0	36
	05:30	0	14	14	0	0	3	0	1	1	0	0	0	3	1	37
	05:45	0	15	9	1	1	0	0	1	3	1	0	0	2	0	33
	06:00	0	16	14	0	1	1	0	0	2	0	0	0	2	0	36
	06:15	0	29	24	1	1	0	0	0	5	0	0	0	1	0	61
	06:30	1	21	39	0	2	0	0	1	6	0	0	0	0	1	71
	06:45	0	25	26	1	1	2	0	4	6	1	0	0	3	0	69
	07:00	0	26	26	1	1	1	0	2	8	0	0	0	3	1	69
	07:15	0	30	33	2	1	0	0	3	6	0	0	0	0	0	75
	07:30	1	32	27	2	2	0	0	1	1	1	0	0	0	3	70
	07:45	1	31	36	0	4	0	0	6	7	2	0	0	1	0	88
	08:00	0	21	31	1	6	0	0	2	8	3	0	0	1	1	74
	08:15	0	25	30	1	3	1	0	4	12	0	0	0	1	0	77
	08:30	0	44	38	1	5	1	0	3	3	1	0	0	0	0	96
	08:45	0	37	33	1	3	0	0	2	8	1	0	0	3	1	89
	09:00	0	26	34	0	3	2	0	5	11	1	0	0	4	0	86
	09:15	0	25	26	1	4	0	0	4	13	0	0	0	1	1	75
	09:30	0	33	30	1	2	1	0	2	13	1	0	0	4	0	87
	09:45	0	25	32	1	3	0	0	3	5	0	0	0	2	0	71
	10:00	0	32	29	0	3	0	0	1	11	0	0	0	2	0	78
	10:15	0	35	27	0	3	2	0	4	8	1	0	0	0	0	80
	10:30	0	23	27	0	1	1	0	5	12	0	0	0	3	0	72
	10:45	0	31	20	0	1	2	0	2	8	2	0	0	2	0	68
	11:00	0	28	36	0	3	2	0	4	7	0	0	0	1	2	83
	11:15	0	36	20	0	1	4	0	2	16	0	0	0	0	0	79
	11:30	0	32	17	0	3	4	0	1	9	0	0	0	2	1	69
	11:45	0	38	26	0	0	2	0	2	10	0	0	0	1	2	81
	12:00	0	36	36	0	1	1	0	3	4	2	0	0	2	1	86
	12:15	0	29	24	0	2	2	0	1	4	2	0	0	0	0	64

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	40	22	0	3	1	0	1	10	2	0	0	1	1	81
Tue	12:45	0	47	26	0	1	1	0	0	10	0	0	0	6	0	91
	13:00	0	38	25	0	0	0	0	1	14	2	0	0	2	0	82
	13:15	0	39	24	1	0	2	0	3	12	0	0	0	0	0	81
	13:30	1	43	18	0	1	2	0	1	10	1	0	0	2	1	80
	13:45	0	47	26	0	2	1	0	1	5	0	0	0	3	0	85
	14:00	0	41	29	0	3	2	0	2	12	2	0	0	1	0	92
	14:15	0	50	29	0	2	1	0	0	11	0	0	0	2	0	95
	14:30	0	46	28	2	2	0	0	2	13	0	0	0	2	0	95
	14:45	0	44	32	0	1	3	0	2	9	1	0	0	1	0	93
	15:00	0	56	21	1	2	0	0	1	7	3	1	0	1	0	93
	15:15	0	46	30	0	1	0	0	3	9	1	0	0	0	1	91
	15:30	1	58	27	0	2	0	0	3	10	2	0	0	0	0	103
	15:45	0	58	27	0	2	0	0	1	9	0	0	0	0	0	97
	16:00	0	63	32	0	2	1	0	0	6	2	0	0	0	0	106
	16:15	0	63	26	1	1	0	0	0	10	0	0	0	1	0	102
	16:30	0	88	30	0	0	0	0	0	4	1	0	0	3	0	126
	16:45	1	80	31	1	0	0	1	1	10	1	0	0	3	0	129
	17:00	1	93	36	0	1	0	0	0	7	0	0	0	1	0	139
	17:15	0	83	33	0	0	0	0	3	9	1	0	0	5	6	140
	17:30	0	35	6	0	0	0	0	0	5	0	0	0	1	1	48
	17:45	0	58	28	0	1	1	0	0	3	1	0	0	1	0	93
	18:00	0	65	24	0	2	0	0	1	4	1	0	0	0	0	97
	18:15	0	49	22	0	0	0	0	2	7	0	0	2	1	0	83
	18:30	0	51	24	0	1	0	0	1	10	0	0	0	2	0	89
	18:45	1	49	29	0	1	0	0	0	3	1	0	0	0	0	84
	19:00	0	41	21	0	1	1	0	1	6	0	0	0	1	1	73
	19:15	0	41	16	0	1	0	0	4	3	0	0	1	0	1	67
	19:30	1	36	18	1	2	0	0	0	4	0	0	0	3	0	65
	19:45	0	40	27	0	2	0	0	2	5	0	1	1	0	1	79
	20:00	0	32	16	0	0	0	0	0	4	0	1	0	1	1	55
	20:15	1	44	14	4	0	0	0	2	5	1	0	0	3	0	74
	20:30	0	31	10	1	1	0	0	3	4	0	0	1	3	0	54
	20:45	1	24	20	0	3	0	0	1	3	0	2	1	3	0	58
	21:00	0	29	16	1	1	0	0	3	4	0	1	0	0	0	55
	21:15	0	34	7	0	1	0	0	0	4	0	0	0	2	0	48
	21:30	0	28	14	0	0	0	0	1	2	0	1	0	0	0	46
	21:45	0	17	5	0	0	0	0	2	0	0	1	0	0	1	26
	22:00	0	26	8	0	0	0	0	4	1	0	0	0	1	1	41
	22:15	0	14	6	1	0	0	0	4	2	0	0	0	2	0	29
	22:30	0	20	10	0	1	0	0	0	0	0	0	0	1	1	33
	22:45	0	11	7	0	3	0	0	2	1	0	0	1	1	2	28
	23:00	0	16	4	0	1	0	0	1	2	0	0	0	0	1	25
	23:15	0	18	6	0	1	0	0	1	1	0	0	0	0	0	27
	23:30	1	9	6	0	0	0	0	2	0	0	0	0	0	0	18
	23:45	0	5	2	1	0	0	0	2	2	0	0	0	1	1	14
Daily Total :		13	2863	1762	42	121	49	1	143	524	45	9	9	126	38	5745
	Percent :	0%	50%	31%	1%	2%	1%	0%	2%	9%	1%	0%	0%	2%	1%	
	Average :	0	30	18	0	1	1	0	1	5	0	0	0	1	0	57

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	8	3	0	0	0	0	0	0	1	0	0	0	0	12
Wed	00:15	0	11	5	0	0	0	0	2	2	0	0	1	0	1	22
	00:30	0	5	8	0	0	0	0	0	3	0	0	2	0	1	19
	00:45	0	13	1	0	0	0	0	1	0	1	0	0	0	0	16
	01:00	0	3	2	0	0	1	0	1	0	1	0	0	1	0	9
	01:15	0	3	4	0	0	0	0	1	0	1	0	0	0	0	9
	01:30	0	6	3	0	0	0	0	2	0	0	0	0	3	0	14
	01:45	0	5	2	1	0	0	0	1	2	0	0	0	0	0	11
	02:00	0	2	2	0	0	0	0	1	3	0	0	0	0	2	10
	02:15	0	4	1	0	0	1	0	2	0	1	0	0	2	0	11
	02:30	0	1	0	0	0	0	0	3	2	0	0	0	0	1	7
	02:45	0	1	0	1	0	0	0	0	2	0	0	0	1	0	5
	03:00	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	03:15	0	0	1	0	1	0	0	2	2	0	0	1	0	1	8
	03:30	0	2	3	0	1	0	0	3	3	1	0	0	1	0	14
	03:45	0	4	0	1	2	0	0	2	3	0	0	0	1	1	14
	04:00	0	7	6	1	0	0	0	2	1	0	0	0	1	0	18
	04:15	0	6	4	0	2	0	0	2	1	0	0	0	1	0	16
	04:30	0	11	6	2	0	0	0	1	2	0	0	0	0	0	22
	04:45	0	7	5	3	1	1	0	3	0	0	0	0	1	0	21
	05:00	0	6	8	1	1	0	0	4	3	0	0	0	1	0	24
	05:15	0	14	13	0	3	1	0	4	2	1	1	0	1	0	40
	05:30	0	22	10	1	0	0	0	7	4	2	0	0	1	0	47
	05:45	0	15	12	1	2	0	0	3	2	0	0	0	2	0	37
	06:00	0	18	27	0	1	2	0	4	2	0	0	0	2	0	56
	06:15	0	24	28	0	1	1	0	3	3	0	0	0	1	0	61
	06:30	0	36	38	2	0	0	0	3	0	0	0	0	1	0	80
	06:45	0	29	28	1	3	0	0	2	4	0	0	0	0	2	69
	07:00	0	32	33	0	2	0	0	4	2	0	0	0	1	3	77
	07:15	0	33	32	0	2	0	0	2	7	2	0	0	3	1	82
	07:30	0	43	25	1	2	2	0	7	4	1	0	0	0	0	85
	07:45	1	30	36	1	2	1	0	6	4	0	0	1	0	0	82
	08:00	0	32	22	1	1	0	0	4	7	1	0	0	5	1	74
	08:15	0	39	43	1	2	1	0	3	13	0	0	0	2	1	105
	08:30	0	38	46	0	3	0	0	0	7	2	0	1	2	0	99
	08:45	0	34	37	1	5	1	0	0	13	1	0	0	1	1	94
	09:00	0	29	34	0	2	0	0	4	9	0	0	1	3	0	82
	09:15	0	32	32	1	3	1	0	2	11	0	0	0	1	0	83
	09:30	0	27	24	1	4	2	0	4	8	1	0	1	1	0	73
	09:45	1	26	31	0	4	1	0	2	11	3	0	0	1	0	80
	10:00	0	41	26	1	2	0	0	2	8	1	0	0	2	0	83
	10:15	0	31	29	0	1	1	0	2	9	1	0	0	4	1	79
	10:30	0	34	28	0	0	1	0	1	9	2	0	0	3	1	79
	10:45	0	37	35	1	0	1	0	0	10	0	0	0	0	2	86
	11:00	1	27	31	0	1	0	0	0	19	0	0	0	1	1	81
	11:15	0	22	31	2	1	4	0	0	7	1	0	0	1	0	69
	11:30	0	33	30	0	0	1	0	1	12	1	0	0	1	0	79
	11:45	0	40	28	1	1	1	0	4	17	2	0	0	0	0	94
	12:00	0	38	30	1	2	0	0	2	13	0	0	0	2	3	91
	12:15	0	42	35	0	1	0	0	5	8	0	0	0	3	0	94

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	36	26	1	0	1	0	1	14	1	0	0	0	0	80
Wed	12:45	2	42	26	0	3	1	0	3	13	0	0	0	0	1	91
	13:00	0	42	37	2	2	1	0	1	14	1	0	1	2	0	103
	13:15	0	48	23	2	2	0	0	2	9	0	0	0	3	1	90
	13:30	0	43	28	2	0	1	0	5	4	3	0	0	2	2	90
	13:45	0	47	36	0	0	0	0	0	12	0	0	0	1	0	96
	14:00	0	53	34	1	2	0	0	2	8	1	0	0	2	1	104
	14:15	0	71	38	1	1	2	0	0	7	0	0	0	1	0	121
	14:30	0	62	31	2	1	2	0	1	10	2	0	0	1	1	113
	14:45	0	67	34	0	4	4	0	3	5	0	0	0	0	1	118
	15:00	0	62	36	0	1	1	0	2	13	0	0	0	1	0	116
	15:15	0	78	41	1	1	2	0	1	3	0	0	0	0	0	127
	15:30	1	61	45	0	0	1	0	4	10	1	0	0	2	0	125
	15:45	0	79	32	1	3	1	0	3	12	1	0	0	0	0	132
	16:00	0	75	40	0	0	0	0	2	4	0	0	0	1	0	122
	16:15	0	83	53	0	2	2	0	4	9	3	0	0	1	0	157
	16:30	0	85	31	1	0	1	0	2	9	0	0	0	0	0	129
	16:45	0	89	44	1	2	0	0	1	6	0	1	0	1	2	147
	17:00	1	82	38	1	2	0	0	0	6	2	0	1	3	0	136
	17:15	0	111	46	0	1	0	0	4	7	0	0	1	1	0	171
	17:30	0	79	32	2	3	0	0	2	5	2	0	0	4	0	129
	17:45	0	57	35	0	3	0	0	2	4	1	0	0	1	0	103
	18:00	0	62	32	0	0	0	0	4	10	0	0	2	1	1	112
	18:15	1	54	35	0	0	0	1	3	5	0	0	0	0	0	99
	18:30	1	44	30	0	2	0	0	1	9	0	0	0	1	1	89
	18:45	0	49	32	0	0	0	0	0	6	1	1	1	0	0	90
	19:00	0	44	19	0	3	0	0	1	9	1	0	1	0	0	78
	19:15	1	38	18	0	0	0	0	3	3	0	0	1	0	1	65
	19:30	0	39	13	0	0	0	0	3	4	1	0	1	3	2	66
	19:45	0	40	20	0	0	0	0	0	7	1	0	0	2	0	70
	20:00	0	28	22	0	0	0	0	2	4	1	0	2	2	1	62
	20:15	0	39	13	0	2	0	0	0	4	1	0	1	1	0	61
	20:30	0	33	13	0	3	0	0	3	7	0	0	2	2	2	65
	20:45	0	37	14	0	0	0	0	3	7	0	1	0	2	0	64
	21:00	0	26	15	1	0	0	0	1	3	1	1	0	1	0	49
	21:15	0	37	18	0	2	0	0	2	3	0	0	0	1	0	63
	21:30	0	28	15	0	1	0	0	1	3	0	1	2	2	0	53
	21:45	0	14	10	0	0	0	0	2	2	0	2	0	1	0	31
	22:00	0	21	5	0	0	0	0	0	3	1	0	1	0	2	33
	22:15	0	12	7	0	0	0	0	0	3	0	0	0	1	1	24
	22:30	0	13	6	0	0	0	0	3	2	0	0	1	3	2	30
	22:45	0	8	6	0	2	0	0	0	1	0	0	0	0	0	17
	23:00	0	10	2	0	2	0	0	0	1	0	0	0	0	1	16
	23:15	0	12	2	0	0	0	0	0	2	0	0	0	0	0	16
	23:30	0	14	5	1	0	0	0	1	1	0	0	0	0	0	22
	23:45	0	12	7	0	0	0	0	0	2	0	0	1	1	1	24
Daily Total :		10	3171	2064	48	109	45	1	192	540	54	8	27	109	48	6426
Percent :		0%	49%	32%	1%	2%	1%	0%	3%	8%	1%	0%	0%	2%	1%	
Average :		0	33	22	1	1	0	0	2	6	1	0	0	1	1	68

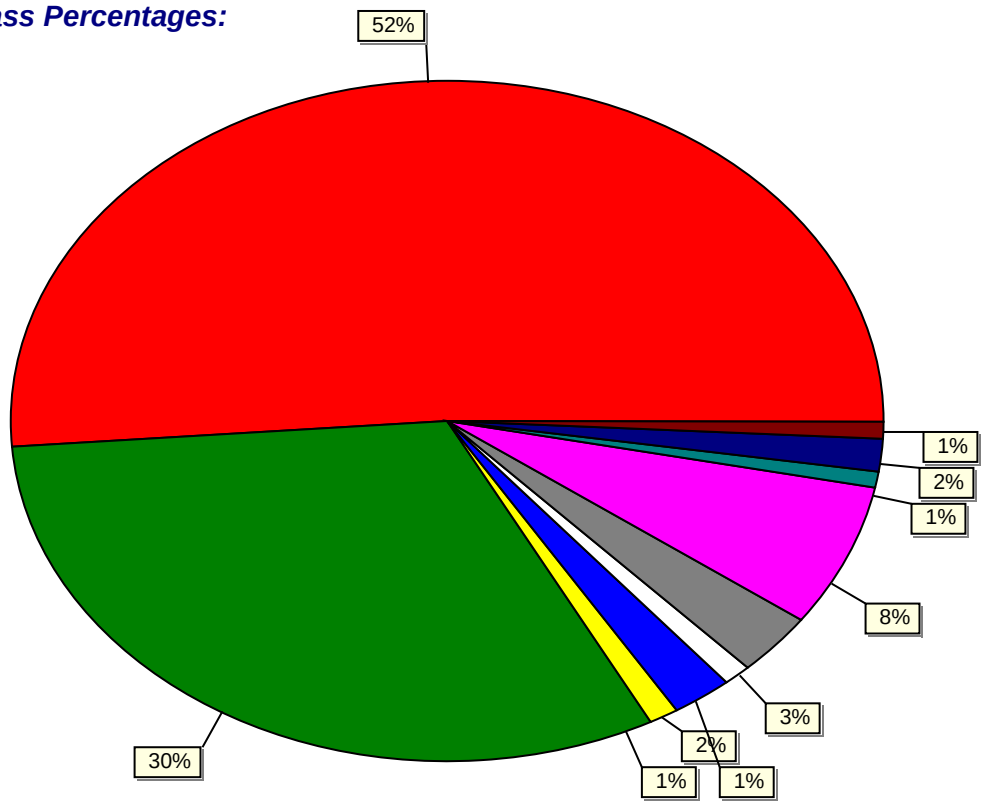
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	6	3	0	0	1	0	2	2	1	0	1	0	1	17
Thu	00:15	0	6	2	0	0	0	0	0	2	0	0	1	2	0	13
	00:30	0	9	2	0	1	0	0	1	2	0	0	0	0	1	16
	00:45	0	10	1	0	0	0	0	3	2	0	0	1	1	0	18
	01:00	0	6	5	0	0	0	0	0	2	0	0	0	0	1	14
	01:15	0	8	1	0	0	0	0	0	0	0	0	0	0	1	10
	01:30	0	4	2	0	0	0	0	0	0	1	0	0	2	0	9
	01:45	0	6	4	1	0	0	0	1	1	0	0	0	1	0	14
	02:00	0	10	3	0	1	0	0	3	1	0	0	1	0	0	19
	02:15	0	1	3	0	2	0	0	0	1	0	0	0	0	0	7
	02:30	0	2	3	0	0	0	0	0	1	0	0	0	1	1	8
	02:45	0	3	1	1	0	0	0	1	1	0	0	0	0	0	7
	03:00	0	1	1	0	1	0	0	0	1	0	0	0	1	0	5
	03:15	0	2	1	0	1	0	0	2	0	0	0	0	1	0	7
	03:30	0	3	1	0	1	0	0	2	2	0	0	0	0	0	9
	03:45	0	2	4	1	2	0	0	1	2	0	0	0	0	1	13
	04:00	0	4	5	0	0	0	0	1	4	0	0	0	1	0	15
	04:15	0	7	0	1	2	0	0	2	1	1	0	0	2	1	17
	04:30	0	7	5	1	2	0	0	1	2	0	0	0	0	0	18
	04:45	0	11	5	3	0	0	0	0	1	0	0	0	2	0	22
	05:00	0	8	3	2	1	1	0	4	1	0	0	0	1	0	21
	05:15	1	13	12	0	2	1	0	5	1	0	0	0	2	0	37
	05:30	0	13	12	0	1	4	0	5	5	1	0	0	0	0	41
	05:45	0	10	14	1	3	0	0	3	4	0	0	0	2	1	38
	06:00	0	18	21	1	1	0	0	5	2	1	0	0	1	1	51
Daily Total :		1	170	114	12	21	7	0	42	41	5	0	4	20	9	446
Percent :		0%	38%	26%	3%	5%	2%	0%	9%	9%	1%	0%	1%	4%	2%	
Average :		0	7	5	0	1	0	0	2	2	0	0	0	1	0	18

Basic Axle Class Summary: 4D0000356

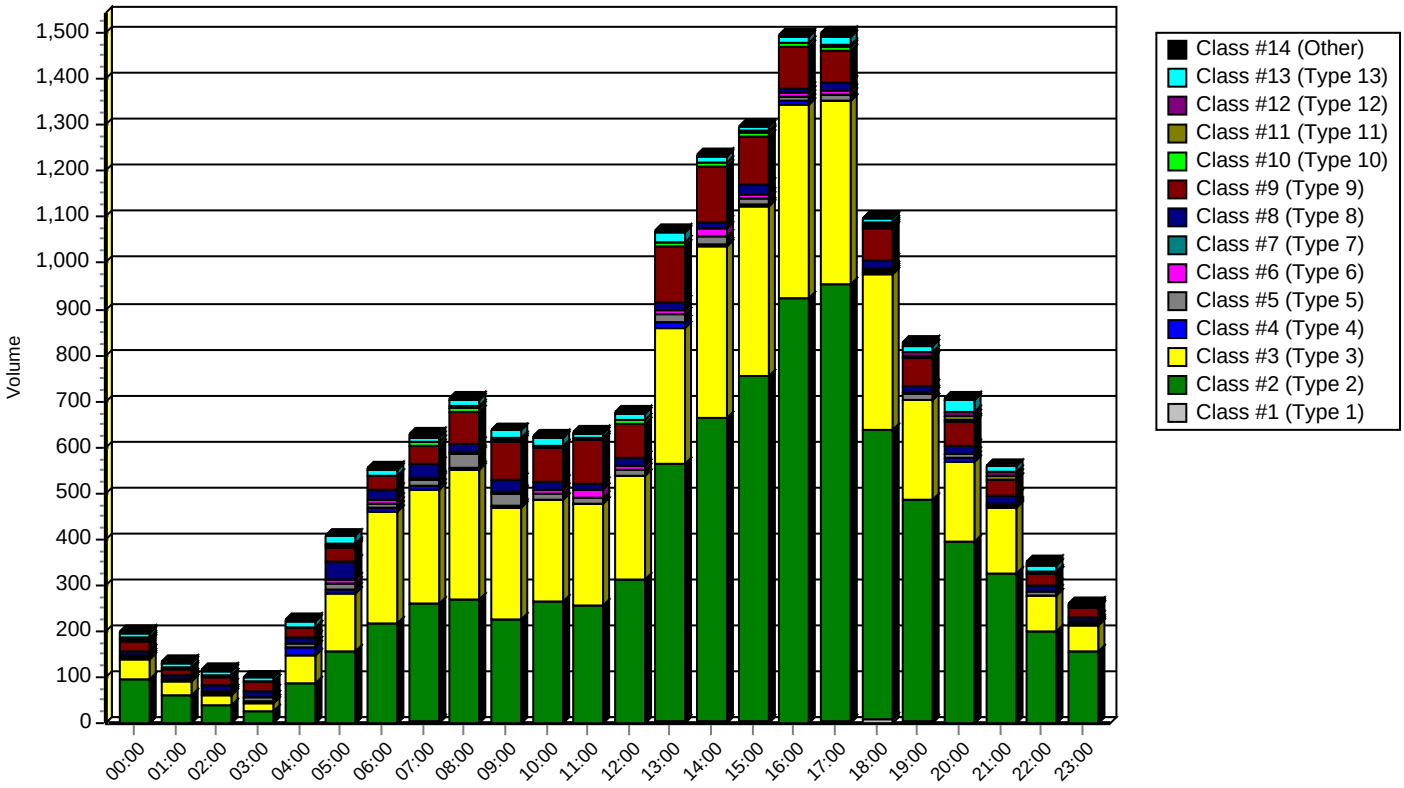
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	44	8286	4838	120	282	116	2	412	1359	117	26	52	301	102	16057
		44	8286	4838	120	282	116	2	412	1359	117	26	52	301	102	16057
Percents :	#1.	0%	52%	30%	1%	2%	1%	0%	3%	8%	1%	0%	0%	2%	1%	100%
		0%	52%	30%	1%	2%	1%	0%	3%	8%	1%	0%	0%	2%	1%	
Average :	#1.	0	32	19	0	1	0	0	2	5	0	0	0	1	0	60
		0	32	19	0	1	0	0	2	5	0	0	0	1	0	60
Days & ADT :	#1.	2.7	5906													
		2.7	5906													

4D0000356 Axle Class Charts For Data From: 13:00 - 04/11/2011 To: 06:29 - 04/14/2011

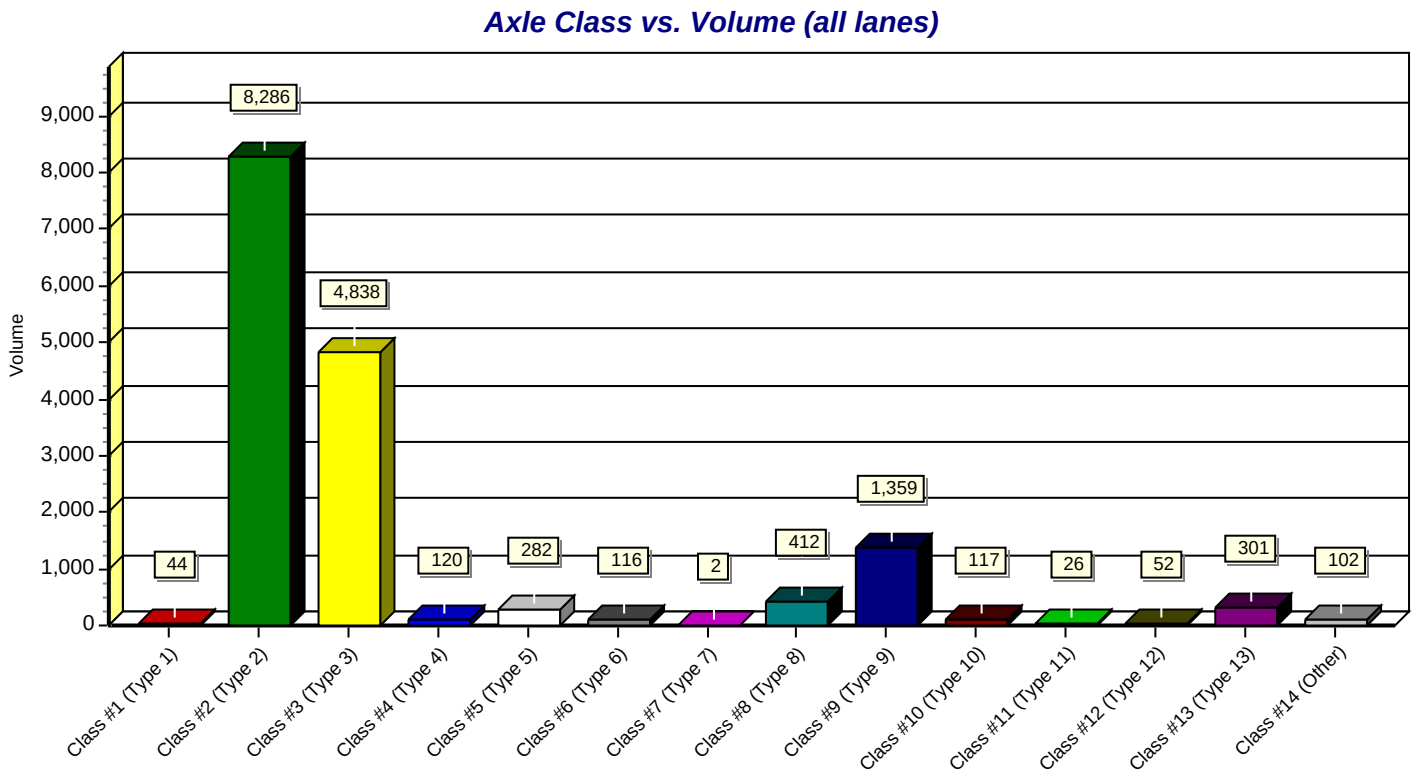
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0000356 Axle Class Charts For Data From: 13:00 - 04/11/2011 To: 06:29 - 04/14/2011



Basic Speed Classification Report: 4D0000356

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 13:00 - 04/11/2011 To: 06:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	13:00	0	0	0	0	0	0	0	3	36	39	4	1	0	0	0	0	83
Mon	13:15	0	0	0	0	0	0	0	5	24	51	10	3	0	0	0	0	93
	13:30	0	0	0	0	0	0	0	1	28	45	12	0	0	0	0	0	86
	13:45	0	0	0	0	0	0	0	6	33	49	15	0	0	0	0	0	103
	14:00	0	0	0	0	0	0	0	3	21	63	14	3	1	0	0	0	105
	14:15	0	0	0	0	0	0	0	3	22	56	15	3	0	0	0	0	99
	14:30	0	0	0	0	0	0	1	1	13	65	20	5	0	0	0	0	105
	14:45	0	0	0	0	0	0	1	2	19	51	18	6	0	0	0	0	97
	15:00	0	0	0	0	0	0	0	3	9	53	28	5	2	0	0	0	100
	15:15	0	0	0	0	0	0	0	1	9	52	25	5	0	0	0	0	92
	15:30	0	0	0	0	0	0	0	3	18	63	29	2	1	0	0	0	116
	15:45	0	0	0	0	0	0	0	3	18	57	25	3	0	0	0	0	106
	16:00	0	0	0	0	0	0	0	2	23	63	27	3	0	0	0	0	118
	16:15	0	0	0	0	0	0	2	1	14	63	27	1	0	0	0	0	108
	16:30	0	0	0	0	0	0	0	2	13	71	43	2	0	0	0	0	131
	16:45	0	0	0	0	0	0	0	1	12	78	21	8	0	0	0	0	120
	17:00	0	0	0	0	0	0	0	0	8	79	44	7	0	0	0	0	138
	17:15	0	0	0	0	0	1	0	0	17	83	49	6	0	0	0	0	156
	17:30	0	0	0	0	0	0	0	3	23	63	38	0	1	0	0	0	128
	17:45	0	0	0	0	0	0	0	0	13	46	47	12	2	0	0	0	120
	18:00	0	0	0	0	0	0	0	0	0	16	60	24	3	0	0	0	103
	18:15	0	0	0	0	0	0	1	0	1	18	50	25	0	1	0	0	96
	18:30	0	0	0	0	0	0	0	0	3	22	49	13	4	0	0	0	91
	18:45	0	0	0	0	0	0	1	1	2	15	33	12	1	0	0	0	65
	19:00	0	0	0	0	0	0	0	0	5	23	28	13	2	0	0	0	71
	19:15	0	0	0	0	0	0	0	0	0	31	26	9	3	0	0	0	69
	19:30	0	0	0	0	0	0	0	0	2	26	29	12	0	0	0	0	69
	19:45	0	0	0	0	0	0	0	1	0	16	30	8	0	0	0	0	55
	20:00	0	0	0	0	0	0	0	0	4	25	16	8	1	0	0	0	54
	20:15	0	0	0	0	0	0	0	3	5	23	20	6	0	0	0	0	57
	20:30	0	0	0	0	0	0	0	0	6	26	20	1	1	0	0	0	54
	20:45	0	0	0	0	0	0	0	0	0	22	24	3	1	0	0	0	50
	21:00	0	0	0	0	0	0	0	0	7	21	18	6	0	0	0	0	52
	21:15	0	0	0	0	0	0	0	1	4	30	18	1	0	0	0	0	54
	21:30	0	0	0	0	0	0	1	0	8	20	9	2	0	0	0	0	40
	21:45	0	0	0	0	0	0	0	0	4	23	14	2	0	0	0	0	43
	22:00	0	0	0	0	0	0	0	0	3	16	2	2	0	0	0	0	23
	22:15	0	0	0	0	0	0	0	1	4	19	11	2	1	0	0	0	38
	22:30	0	0	0	0	0	0	0	0	3	15	15	2	0	0	0	0	35
	22:45	0	0	0	0	0	0	0	1	2	7	7	2	0	0	0	0	19

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
4/11/201	23:00	0	0	0	0	0	0	0	0	1	13	3	1	0	0	0	0	18
Mon	23:15	0	0	0	0	0	0	0	0	3	13	12	2	0	0	0	0	30
	23:30	0	0	0	0	0	0	0	0	0	8	14	2	0	0	0	0	24
	23:45	0	0	0	0	0	0	0	0	4	13	7	2	0	0	0	0	26
Daily Total :		0	0	0	0	0	1	7	51	444	1651	1026	235	24	1	0	0	3440
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	13%	48%	30%	7%	1%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	1	10	38	23	5	1	0	0	0	60

Speeds - Average: 63.9 50% : 63.8 67% : 65.8 85% : 68.8 10mph Pace: 60.1 - 70.0 (77.8%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	8	5	0	1	0	0	0	14
Tue	00:15	0	0	0	0	0	0	0	1	1	12	8	0	0	0	0	0	22
	00:30	0	0	0	0	0	0	0	0	1	8	3	0	0	0	0	0	12
	00:45	0	0	0	0	0	0	0	1	2	12	4	0	0	0	0	0	19
	01:00	0	0	0	0	0	0	0	0	1	12	2	0	0	0	0	0	15
	01:15	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	5
	01:30	0	0	0	0	0	0	0	0	3	8	1	0	1	0	0	0	13
	01:45	0	0	0	0	0	0	0	0	2	6	1	0	0	1	0	0	10
	02:00	0	0	0	0	0	0	0	0	3	5	4	0	0	0	0	0	12
	02:15	0	0	0	0	0	0	0	0	1	4	5	1	0	0	0	0	11
	02:30	0	0	0	0	0	0	0	1	0	2	7	0	0	0	0	0	10
	02:45	0	0	0	0	0	0	0	0	1	5	1	3	2	0	0	0	12
	03:00	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	03:15	0	0	0	0	0	0	0	0	0	5	3	0	0	0	0	0	8
	03:30	0	0	0	0	0	0	0	0	3	2	1	1	0	0	0	0	7
	03:45	0	0	0	0	0	0	0	0	0	3	5	1	0	0	0	0	9
	04:00	0	0	0	0	0	0	0	0	3	2	7	4	2	0	0	0	18
	04:15	0	0	0	0	0	0	0	0	0	6	3	0	0	0	0	0	9
	04:30	0	0	0	0	0	0	0	0	4	6	13	3	1	0	0	0	27
	04:45	0	0	0	0	0	0	0	0	0	11	8	1	1	0	0	0	21
	05:00	0	0	0	0	0	0	0	0	2	4	8	3	1	0	0	0	18
	05:15	0	0	0	0	0	0	0	1	0	14	18	3	0	0	0	0	36
	05:30	0	0	0	0	0	0	0	1	3	9	16	6	2	0	0	0	37
	05:45	0	0	0	0	0	0	0	0	3	9	17	3	1	0	0	0	33
	06:00	0	0	0	0	0	0	0	0	0	13	14	9	0	0	0	0	36
	06:15	0	0	0	0	0	0	0	0	4	26	26	5	0	0	0	0	61
	06:30	0	0	0	0	0	0	0	0	1	17	38	13	2	0	0	0	71
	06:45	0	0	0	0	0	0	0	0	0	11	30	18	8	2	0	0	69
	07:00	0	0	0	0	0	0	0	0	0	14	29	21	5	0	0	0	69
	07:15	0	0	0	0	0	0	0	0	1	14	32	25	3	0	0	0	75
	07:30	0	0	0	0	0	0	0	0	1	19	38	11	1	0	0	0	70
	07:45	0	0	0	0	0	0	0	0	2	29	42	12	2	1	0	0	88
	08:00	0	0	0	0	0	0	0	0	1	32	31	8	2	0	0	0	74
	08:15	0	0	0	0	0	0	0	0	1	34	34	7	1	0	0	0	77
	08:30	0	0	0	0	0	0	0	1	1	28	52	11	3	0	0	0	96
	08:45	0	0	0	0	0	0	0	0	4	38	39	6	2	0	0	0	89
	09:00	0	0	0	0	0	0	0	0	4	34	40	7	1	0	0	0	86
	09:15	0	0	0	0	0	0	0	0	1	37	25	12	0	0	0	0	75
	09:30	0	0	0	0	0	0	0	0	3	16	46	20	2	0	0	0	87
	09:45	0	0	0	0	0	0	0	1	5	20	38	4	3	0	0	0	71
	10:00	0	0	0	0	0	0	0	0	6	32	32	6	1	0	1	0	78
	10:15	1	0	0	0	0	0	0	0	6	42	24	7	0	0	0	0	80
	10:30	0	0	0	0	0	0	0	1	3	37	27	3	1	0	0	0	72
	10:45	0	0	0	0	0	0	0	2	4	29	30	2	1	0	0	0	68
	11:00	0	0	0	0	0	0	0	0	3	41	35	4	0	0	0	0	83
	11:15	0	0	0	0	0	0	0	0	5	39	28	6	1	0	0	0	79
	11:30	0	0	0	0	0	2	0	0	6	27	23	10	1	0	0	0	69
	11:45	0	0	0	0	0	0	0	0	9	30	38	3	1	0	0	0	81
	12:00	0	0	0	0	0	0	0	1	6	39	32	8	0	0	0	0	86
	12:15	0	0	0	0	0	0	0	1	1	28	30	4	0	0	0	0	64

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	10	36	29	5	1	0	0	0	81
Tue	12:45	0	0	0	0	0	0	0	0	7	37	39	8	0	0	0	0	91
	13:00	0	0	0	0	0	0	0	0	3	38	32	9	0	0	0	0	82
	13:15	0	0	0	0	0	0	0	1	3	30	34	9	2	2	0	0	81
	13:30	0	0	0	0	0	0	0	0	5	33	38	3	1	0	0	0	80
	13:45	0	0	0	0	0	0	0	0	3	35	40	6	1	0	0	0	85
	14:00	0	0	0	0	0	0	0	0	4	46	28	10	4	0	0	0	92
	14:15	1	0	0	0	0	0	0	1	2	43	35	12	1	0	0	0	95
	14:30	0	0	0	0	0	0	0	0	7	38	43	4	2	1	0	0	95
	14:45	0	0	0	0	0	0	0	0	9	30	43	9	2	0	0	0	93
	15:00	0	0	0	0	0	0	0	0	2	34	48	7	2	0	0	0	93
	15:15	0	0	0	0	0	0	0	2	3	29	42	12	3	0	0	0	91
	15:30	0	0	0	0	0	0	0	1	7	34	52	6	2	1	0	0	103
	15:45	0	0	0	0	0	0	0	1	7	36	46	6	1	0	0	0	97
	16:00	0	0	0	0	0	0	0	0	3	36	56	11	0	0	0	0	106
	16:15	0	0	0	0	0	0	0	0	8	48	37	8	1	0	0	0	102
	16:30	0	0	0	0	0	0	0	0	8	40	57	20	1	0	0	0	126
	16:45	0	0	0	0	0	0	0	1	6	50	55	16	1	0	0	0	129
	17:00	0	0	0	0	0	0	0	1	6	46	72	11	3	0	0	0	139
	17:15	32	23	10	18	9	10	10	8	4	8	8	0	0	0	0	0	140
	17:30	1	1	0	0	1	0	6	6	10	9	11	2	1	0	0	0	48
	17:45	0	0	0	0	0	0	0	1	3	31	48	7	3	0	0	0	93
	18:00	0	0	0	0	0	0	0	1	4	35	47	9	1	0	0	0	97
	18:15	0	0	0	0	0	0	0	3	6	39	26	8	1	0	0	0	83
	18:30	0	0	0	0	0	0	0	0	2	32	43	10	2	0	0	0	89
	18:45	0	0	0	0	0	0	0	0	1	32	39	10	1	1	0	0	84
	19:00	0	0	0	0	0	0	0	0	3	31	28	10	1	0	0	0	73
	19:15	0	0	0	0	0	0	0	0	2	20	34	10	0	0	1	0	67
	19:30	0	0	0	0	0	0	0	1	1	14	35	8	5	1	0	0	65
	19:45	0	0	0	0	0	0	0	0	3	20	41	13	2	0	0	0	79
	20:00	0	0	0	0	0	0	0	1	0	21	23	9	1	0	0	0	55
	20:15	0	0	0	0	0	0	0	1	5	35	27	6	0	0	0	0	74
	20:30	0	0	0	0	0	0	0	2	3	16	26	5	1	1	0	0	54
	20:45	0	0	0	0	0	0	0	1	4	24	26	3	0	0	0	0	58
	21:00	0	0	0	0	0	0	0	0	2	24	26	2	1	0	0	0	55
	21:15	0	0	0	0	0	0	0	0	2	22	18	4	1	0	1	0	48
	21:30	0	0	0	0	0	0	0	0	0	17	22	5	1	1	0	0	46
	21:45	0	0	0	0	0	0	0	0	1	9	12	2	2	0	0	0	26
	22:00	0	0	0	0	0	0	0	0	1	14	21	5	0	0	0	0	41
	22:15	0	0	0	0	0	0	0	0	2	16	9	1	0	1	0	0	29
	22:30	0	0	0	0	0	0	0	0	2	8	17	5	1	0	0	0	33
	22:45	0	0	0	0	0	0	0	0	5	12	8	3	0	0	0	0	28
	23:00	0	0	0	0	0	1	0	0	3	9	10	0	2	0	0	0	25
	23:15	0	0	0	0	0	0	0	0	3	10	10	3	1	0	0	0	27
	23:30	0	0	0	0	0	0	0	1	1	6	5	4	1	0	0	0	18
	23:45	0	0	0	0	0	0	0	0	1	7	5	1	0	0	0	0	14

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		35	24	10	18	10	13	16	46	289	2122	2448	588	110	13	3	0	5745
Percent :		1%	0%	0%	0%	0%	0%	0%	1%	5%	37%	43%	10%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	3	22	26	6	1	0	0	0	78

Speeds - Average: 64.9 50% : 65.6 67% : 67.6 85% : 69.8 10mph Pace: 60.1 - 70.0 (79.5%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	4	7	1	0	0	0	0	12
Wed	00:15	0	0	0	0	0	0	0	0	1	11	8	1	1	0	0	0	22
	00:30	0	0	0	0	0	0	0	0	1	8	8	1	1	0	0	0	19
	00:45	0	0	0	0	0	0	0	0	0	7	7	1	1	0	0	0	16
	01:00	0	0	0	0	0	0	0	0	0	1	6	2	0	0	0	0	9
	01:15	0	0	0	0	0	0	0	0	0	3	4	2	0	0	0	0	9
	01:30	0	0	0	0	0	0	0	0	2	2	8	1	1	0	0	0	14
	01:45	0	0	0	0	0	0	0	0	0	5	5	0	1	0	0	0	11
	02:00	0	0	0	0	0	0	0	0	2	5	3	0	0	0	0	0	10
	02:15	0	0	0	0	0	0	1	0	1	3	6	0	0	0	0	0	11
	02:30	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	0	7
	02:45	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	5
	03:00	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	4
	03:15	0	0	0	0	0	0	0	0	4	3	1	0	0	0	0	0	8
	03:30	0	0	0	0	0	0	0	0	3	5	5	1	0	0	0	0	14
	03:45	0	0	0	0	0	0	0	0	2	7	5	0	0	0	0	0	14
	04:00	0	0	0	0	0	0	0	0	1	8	6	3	0	0	0	0	18
	04:15	0	0	0	0	0	0	0	0	0	5	9	1	1	0	0	0	16
	04:30	0	0	0	0	0	0	0	0	3	6	11	1	1	0	0	0	22
	04:45	0	0	0	0	0	0	0	0	3	8	6	3	1	0	0	0	21
	05:00	0	0	0	0	0	0	0	0	1	15	8	0	0	0	0	0	24
	05:15	0	0	0	0	0	0	0	1	3	14	15	7	0	0	0	0	40
	05:30	0	0	0	0	0	0	0	0	0	17	23	5	1	1	0	0	47
	05:45	0	0	0	0	0	0	0	0	2	17	14	3	1	0	0	0	37
	06:00	0	0	0	0	0	0	0	0	6	17	21	9	2	1	0	0	56
	06:15	0	0	0	0	0	0	0	0	4	24	22	10	1	0	0	0	61
	06:30	0	0	0	0	0	0	0	0	0	9	42	20	8	1	0	0	80
	06:45	0	0	0	0	0	0	0	0	2	3	25	25	12	2	0	0	69
	07:00	0	0	0	0	0	0	0	0	2	6	38	22	6	2	1	0	77
	07:15	0	0	0	0	0	0	0	0	1	12	36	26	7	0	0	0	82
	07:30	0	0	0	0	0	0	0	0	0	11	38	24	10	2	0	0	85
	07:45	0	0	0	0	0	0	0	0	0	14	39	19	8	2	0	0	82
	08:00	0	0	0	0	0	0	0	0	2	20	35	12	5	0	0	0	74
	08:15	0	0	0	0	0	0	0	1	9	34	47	12	2	0	0	0	105
	08:30	0	0	0	0	0	0	5	2	11	32	38	10	1	0	0	0	99
	08:45	0	0	0	0	0	0	3	7	22	29	26	7	0	0	0	0	94
	09:00	0	0	0	0	0	0	3	11	14	20	30	4	0	0	0	0	82
	09:15	0	0	0	0	0	0	0	0	9	38	32	3	1	0	0	0	83
	09:30	0	0	0	0	0	0	0	3	9	35	20	6	0	0	0	0	73
	09:45	0	0	0	0	0	1	0	1	3	32	37	5	1	0	0	0	80
	10:00	0	0	0	0	0	0	0	1	4	32	34	12	0	0	0	0	83
	10:15	0	0	0	0	0	0	0	2	8	28	31	8	2	0	0	0	79
	10:30	0	0	0	0	0	0	0	0	7	32	29	10	1	0	0	0	79
	10:45	0	0	0	0	0	0	0	3	2	25	47	7	2	0	0	0	86
	11:00	0	0	0	0	0	0	0	0	1	34	32	12	2	0	0	0	81
	11:15	0	0	0	0	0	0	0	2	8	22	28	8	1	0	0	0	69
	11:30	0	0	0	0	0	1	1	3	12	20	31	8	2	1	0	0	79
	11:45	0	0	0	0	0	0	0	2	12	43	29	6	2	0	0	0	94
	12:00	0	0	0	0	0	0	0	0	7	30	41	8	4	1	0	0	91
	12:15	0	0	0	0	0	0	0	1	10	26	41	15	1	0	0	0	94

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	2	1	29	33	13	2	0	0	0	80
Wed	12:45	0	0	0	0	0	0	0	4	7	43	31	5	1	0	0	0	91
	13:00	0	0	0	0	0	0	0	1	9	36	43	12	2	0	0	0	103
	13:15	0	0	0	0	0	0	0	1	10	45	24	10	0	0	0	0	90
	13:30	0	0	0	0	0	0	0	2	5	44	31	8	0	0	0	0	90
	13:45	0	0	0	0	0	0	0	0	2	36	42	16	0	0	0	0	96
	14:00	0	0	0	0	0	0	1	5	10	42	39	5	2	0	0	0	104
	14:15	0	0	0	0	0	0	0	1	12	37	55	14	2	0	0	0	121
	14:30	0	0	0	0	0	0	0	2	5	48	45	10	3	0	0	0	113
	14:45	0	0	0	0	0	0	0	1	7	40	48	19	3	0	0	0	118
	15:00	0	0	0	0	0	0	1	1	7	43	52	11	1	0	0	0	116
	15:15	0	0	0	0	0	0	2	1	5	41	65	11	2	0	0	0	127
	15:30	0	0	0	0	0	0	0	2	7	46	56	13	1	0	0	0	125
	15:45	0	0	0	0	0	2	0	1	15	48	46	14	6	0	0	0	132
	16:00	0	0	1	0	0	0	0	4	15	42	47	12	1	0	0	0	122
	16:15	1	0	0	0	0	0	0	4	23	49	68	12	0	0	0	0	157
	16:30	0	0	0	0	0	0	0	0	6	33	63	23	4	0	0	0	129
	16:45	0	0	0	0	0	0	0	1	6	37	76	24	2	1	0	0	147
	17:00	0	0	0	0	0	0	0	0	5	38	70	21	2	0	0	0	136
	17:15	0	0	3	1	2	6	2	2	9	63	59	21	3	0	0	0	171
	17:30	0	0	0	0	0	0	0	0	3	28	69	21	7	1	0	0	129
	17:45	0	0	0	0	0	0	0	0	4	28	50	17	4	0	0	0	103
	18:00	0	0	0	0	0	0	0	0	2	27	57	17	8	1	0	0	112
	18:15	0	0	0	0	0	0	0	0	2	20	44	28	5	0	0	0	99
	18:30	0	0	0	0	0	0	1	0	1	34	31	18	4	0	0	0	89
	18:45	0	0	0	0	0	0	0	0	3	23	43	14	4	3	0	0	90
	19:00	0	0	0	0	0	0	0	0	3	16	42	12	5	0	0	0	78
	19:15	0	0	0	0	0	0	0	0	2	13	40	9	1	0	0	0	65
	19:30	0	0	0	0	0	0	0	0	1	14	31	17	3	0	0	0	66
	19:45	0	0	0	0	0	0	0	0	0	24	37	7	2	0	0	0	70
	20:00	0	0	0	0	0	0	0	1	2	26	24	8	1	0	0	0	62
	20:15	0	0	0	0	0	0	1	0	4	25	26	5	0	0	0	0	61
	20:30	0	0	0	0	0	0	0	0	8	25	22	7	2	1	0	0	65
	20:45	0	0	0	0	0	0	0	0	6	16	37	3	2	0	0	0	64
	21:00	0	0	0	0	0	0	0	1	1	13	22	11	1	0	0	0	49
	21:15	0	0	0	0	0	0	0	1	3	26	24	6	3	0	0	0	63
	21:30	0	0	0	0	0	0	0	2	6	11	31	3	0	0	0	0	53
	21:45	0	0	0	0	0	0	0	0	1	15	13	2	0	0	0	0	31
	22:00	0	0	0	0	0	0	0	0	3	19	9	1	1	0	0	0	33
	22:15	0	0	0	0	0	0	0	2	1	12	7	2	0	0	0	0	24
	22:30	0	0	0	0	0	0	0	0	3	12	12	3	0	0	0	0	30
	22:45	0	0	0	0	0	0	0	2	4	5	4	2	0	0	0	0	17
	23:00	0	0	0	0	0	0	0	0	0	3	9	3	1	0	0	0	16
	23:15	0	0	0	0	0	0	0	0	0	3	9	3	1	0	0	0	16
	23:30	0	0	0	0	0	0	0	0	1	10	7	4	0	0	0	0	22
	23:45	0	0	0	0	0	0	0	1	0	4	15	4	0	0	0	0	24

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	4	1	2	10	21	85	426	2084	2745	843	183	20	1	0	6426
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	7%	32%	43%	13%	3%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	4	22	29	9	2	0	0	0	58

Speeds - Average: 65.8 50% : 66.1 67% : 68.1 85% : 70.6 10mph Pace: 60.1 - 70.0 (75.1%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	2	2	6	7	0	0	0	0	0	17
Thu	00:15	0	0	0	0	0	0	0	0	0	6	5	1	1	0	0	0	13
	00:30	0	0	0	0	0	0	0	0	2	5	6	3	0	0	0	0	16
	00:45	0	0	0	0	0	0	0	0	1	4	12	1	0	0	0	0	18
	01:00	0	0	0	0	0	0	0	0	1	8	4	1	0	0	0	0	14
	01:15	0	0	0	0	0	0	0	0	2	1	4	1	2	0	0	0	10
	01:30	0	0	0	0	0	0	0	0	1	2	5	1	0	0	0	0	9
	01:45	0	0	0	0	0	0	0	0	1	3	10	0	0	0	0	0	14
	02:00	0	0	0	0	0	0	0	0	3	5	8	2	1	0	0	0	19
	02:15	0	0	0	0	0	0	0	0	1	5	1	0	0	0	0	0	7
	02:30	0	0	0	0	0	0	0	0	2	2	3	0	1	0	0	0	8
	02:45	0	0	0	0	0	0	0	0	0	3	3	1	0	0	0	0	7
	03:00	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	5
	03:15	0	0	0	0	0	0	0	0	1	1	5	0	0	0	0	0	7
	03:30	0	0	0	0	0	0	0	0	0	2	7	0	0	0	0	0	9
	03:45	0	0	0	0	0	0	0	2	2	7	2	0	0	0	0	0	13
	04:00	0	0	0	0	0	0	0	0	2	5	6	1	1	0	0	0	15
	04:15	0	0	0	0	0	0	0	0	2	7	7	1	0	0	0	0	17
	04:30	0	0	0	0	0	0	0	0	4	4	9	1	0	0	0	0	18
	04:45	0	0	0	0	0	0	0	1	2	7	8	2	1	1	0	0	22
	05:00	0	0	0	0	0	0	0	1	1	10	6	3	0	0	0	0	21
	05:15	0	0	0	0	0	0	0	1	3	5	20	5	2	1	0	0	37
	05:30	0	0	0	0	0	0	0	6	3	10	18	3	1	0	0	0	41
	05:45	0	0	0	0	0	0	0	0	6	12	11	7	2	0	0	0	38
	06:00	0	0	0	0	0	0	0	0	7	20	20	3	1	0	0	0	51
Daily Total :		0	0	0	0	0	0	0	13	50	141	189	38	13	2	0	0	446
Percent :		0%	0%	0%	0%	0%	0%	0%	3%	11%	32%	42%	9%	3%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	2	6	8	2	1	0	0	0	67

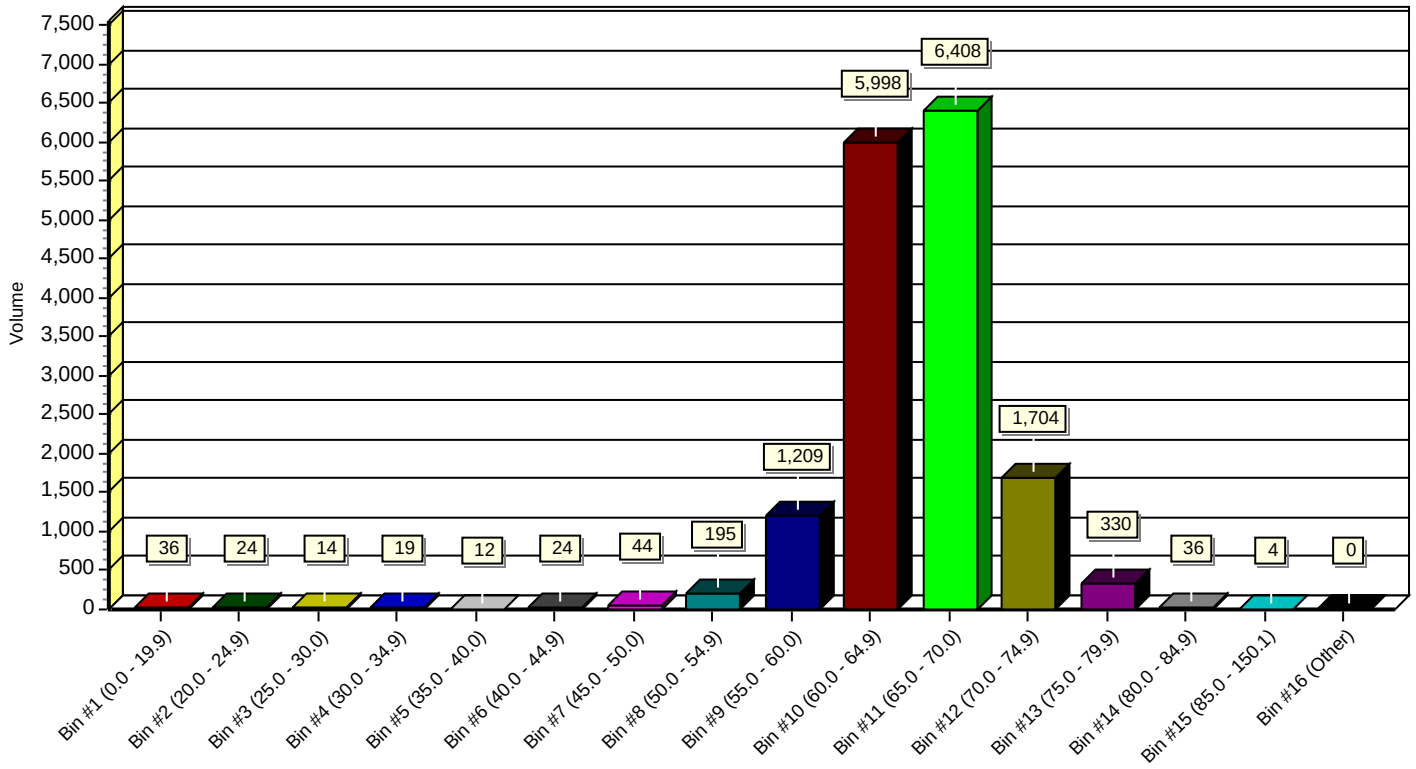
Speeds - Average: 65.1 50% : 65.6 67% : 67.5 85% : 69.6 10mph Pace: 60.1 - 70.0 (74.0%)

Basic Speed Class Summary: 4D0000356

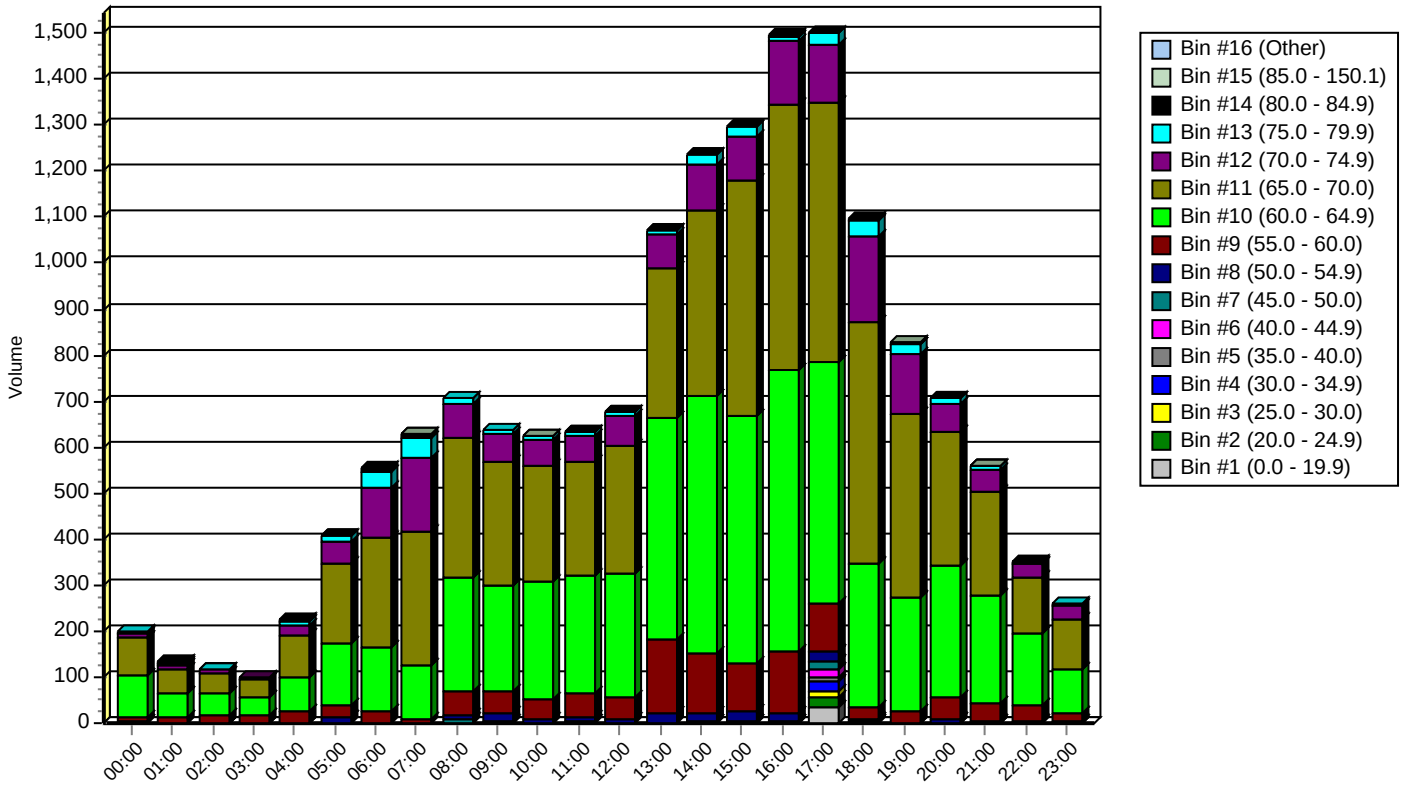
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	36	24	14	19	12	24	44	195	1209	5998	6408	1704	330	36	4	0	16057
		36	24	14	19	12	24	44	195	1209	5998	6408	1704	330	36	4	0	16057
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	8%	37%	40%	11%	2%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	8%	37%	40%	11%	2%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	1	5	23	25	7	1	0	0	0	62
		0	0	0	0	0	0	0	1	5	23	25	7	1	0	0	0	62
Days & ADT :	#1.	2.7	5906															
		2.7	5906															
Avg,50,67,85%:	#1.	65.1	65.4	67.5	69.8	60.1	- 70.0	77%										
		65.1	65.4	67.5	69.8	60.1	- 70.0	77%										

4D0000356 Speed Class Charts For Data From: 13:00 - 04/11/2011 To: 06:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0000356

Station ID : 4P0000356
Info Line 1 : WB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 4P0000356.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14606
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 13:00 - 04/11/2011 To: 06:29 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	13:00	1	21	12	0	0	0	0	0	0	0	0	0	0	0	34
Mon	13:15	0	21	18	0	1	0	0	0	0	0	0	0	0	0	40
	13:30	0	19	6	0	1	0	0	0	0	0	0	0	0	0	26
	13:45	0	22	8	3	0	1	0	0	1	0	0	0	1	0	36
	14:00	0	25	11	0	0	0	0	0	1	0	0	0	0	0	37
	14:15	1	27	14	0	0	0	0	0	0	0	0	0	0	0	42
	14:30	1	29	18	0	0	0	0	0	1	0	0	0	0	0	49
	14:45	1	30	19	0	0	0	0	0	0	0	0	0	0	0	50
	15:00	0	29	12	0	0	0	0	0	0	0	0	0	1	0	42
	15:15	0	25	11	0	0	0	0	0	1	0	0	0	0	1	38
	15:30	0	42	12	0	0	0	0	0	0	0	0	0	0	0	54
	15:45	1	31	21	0	0	0	0	0	0	0	0	0	0	0	53
	16:00	0	38	15	0	0	0	0	0	1	0	0	0	0	2	56
	16:15	1	40	15	0	0	0	0	0	1	0	0	0	0	0	57
	16:30	0	36	17	0	0	0	0	0	0	0	0	0	0	2	55
	16:45	1	49	19	0	1	0	0	0	1	0	0	0	0	2	73
	17:00	0	53	12	0	0	0	0	0	0	0	0	0	0	0	65
	17:15	0	84	23	0	0	0	0	0	0	0	0	0	0	1	108
	17:30	1	52	20	1	0	0	0	0	0	0	0	0	0	2	76
	17:45	0	30	18	0	0	0	0	0	0	0	0	0	0	1	49
	18:00	1	30	19	0	0	0	0	0	0	0	0	0	0	1	51
	18:15	0	27	13	0	0	0	0	0	1	0	0	0	0	0	41
	18:30	0	17	7	0	0	0	0	1	0	0	0	0	0	0	25
	18:45	0	10	5	0	0	0	0	0	0	1	0	0	0	0	16
	19:00	0	15	3	0	0	0	0	0	0	0	0	0	0	0	18
	19:15	0	14	8	0	0	0	0	1	1	0	0	0	0	0	24
	19:30	1	10	5	0	0	0	0	0	0	0	0	0	1	0	17
	19:45	0	15	6	0	0	0	0	0	1	0	0	0	0	0	22
	20:00	0	13	7	0	0	0	0	0	0	0	0	1	1	0	22
	20:15	0	11	6	0	0	0	0	0	2	0	0	0	0	0	19
	20:30	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
	20:45	1	8	4	0	0	1	0	0	0	0	0	0	0	0	14
	21:00	0	7	3	0	0	0	0	0	1	0	0	0	0	0	11
	21:15	0	8	3	0	0	0	0	0	1	0	0	0	0	0	12

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	21:30	0	8	2	0	0	0	0	1	0	0	0	0	1	0	12
Mon	21:45	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
	22:00	0	5	2	0	0	0	0	1	0	0	0	0	0	0	8
	22:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	4	2	0	0	0	0	0	0	0	0	0	1	0	7
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	23:15	0	5	0	0	1	0	0	0	0	0	0	0	0	0	6
	23:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Daily Total :		11	933	401	4	4	2	0	4	14	1	0	1	6	12	1393
	Percent :	1%	67%	29%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	
	Average :	0	21	9	0	0	0	0	0	0	0	0	0	0	0	30

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
	04:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	04:45	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	05:30	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	05:45	0	5	4	1	0	0	0	0	0	0	0	0	0	0	10
	06:00	0	4	3	0	0	0	0	0	1	0	0	0	0	0	8
	06:15	0	5	5	0	0	1	0	0	0	0	0	0	0	0	11
	06:30	0	15	11	0	0	0	0	0	0	0	0	0	0	0	26
	06:45	0	16	7	0	0	0	0	0	0	0	0	0	0	0	23
	07:00	0	14	5	0	0	0	0	0	0	0	0	0	0	0	19
	07:15	1	16	7	0	0	0	0	0	0	0	0	0	0	0	24
	07:30	0	14	10	0	0	0	0	0	0	0	0	0	0	0	24
	07:45	0	28	19	1	1	0	0	0	0	0	0	0	0	0	49
	08:00	0	5	5	0	1	0	0	0	0	0	0	0	0	0	11
	08:15	0	12	10	0	0	0	0	0	0	0	0	0	0	0	22
	08:30	0	11	14	1	0	0	0	0	2	0	0	0	0	0	28
	08:45	0	15	15	0	0	0	0	0	0	0	0	0	0	0	30
	09:00	0	14	16	0	0	1	0	0	0	0	0	1	0	0	32
	09:15	0	9	8	0	0	0	0	0	1	0	0	0	0	0	18
	09:30	0	9	10	0	0	0	0	0	0	0	0	0	0	0	19
	09:45	0	11	7	0	0	0	0	0	0	1	0	0	0	0	19
	10:00	0	5	11	0	0	0	0	0	0	0	0	0	0	0	16
	10:15	0	9	7	0	0	0	0	0	0	0	0	0	0	0	16
	10:30	0	2	8	0	0	0	0	0	1	0	0	0	0	0	11
	10:45	0	8	11	0	0	0	0	0	0	0	0	0	0	0	19
	11:00	0	12	10	0	0	0	0	0	0	0	0	0	0	0	22
	11:15	0	9	8	0	0	0	0	0	0	0	0	0	0	0	17
	11:30	0	11	6	0	0	0	0	0	1	0	0	0	0	0	18
	11:45	0	14	9	0	0	0	0	0	1	0	0	0	0	0	24
	12:00	0	15	10	0	0	1	0	0	0	0	0	0	1	0	27
	12:15	0	12	2	0	0	0	0	0	1	1	0	0	0	0	16

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	14	8	0	0	0	0	0	0	0	0	0	0	0	22
Tue	12:45	0	16	9	0	0	0	0	0	0	0	0	0	1	0	26
	13:00	1	10	13	0	0	0	0	0	1	0	0	0	0	1	26
	13:15	0	14	15	0	0	0	0	0	0	0	0	0	0	1	30
	13:30	0	14	14	0	0	0	0	0	2	0	0	0	0	0	30
	13:45	0	13	13	0	0	0	0	1	0	0	0	0	0	0	27
	14:00	0	18	9	1	1	0	0	0	1	0	0	0	0	1	31
	14:15	0	16	12	0	0	0	0	0	1	0	0	0	0	0	29
	14:30	0	20	12	0	0	0	0	1	1	0	0	0	0	0	34
	14:45	0	22	13	0	0	0	0	1	2	0	0	0	0	0	38
	15:00	1	23	13	0	0	0	0	0	1	0	0	0	0	0	38
	15:15	0	35	13	0	0	0	0	1	0	1	0	0	0	0	50
	15:30	0	34	14	0	0	0	0	1	1	0	0	0	0	0	50
	15:45	0	20	12	1	0	0	0	0	0	0	0	0	0	0	33
	16:00	0	29	16	0	2	0	0	1	1	0	0	0	0	0	49
	16:15	0	33	19	0	0	0	0	1	0	0	0	0	0	1	54
	16:30	0	43	23	0	0	0	0	0	3	0	0	0	0	0	69
	16:45	0	49	25	0	0	0	0	0	1	0	0	0	0	1	76
	17:00	1	53	30	0	1	0	0	0	0	0	0	0	0	1	86
	17:15	0	79	25	0	0	0	0	1	3	0	0	0	2	0	110
	17:30	0	84	53	0	0	0	0	1	6	1	0	0	0	2	147
	17:45	0	28	25	0	0	0	0	0	1	0	0	0	0	0	54
	18:00	0	29	22	0	0	0	0	0	3	0	0	0	0	0	54
	18:15	0	30	9	0	0	0	0	0	0	0	0	0	0	0	39
	18:30	0	12	14	0	0	0	0	0	0	0	0	0	0	0	26
	18:45	0	23	8	0	0	0	0	0	0	0	0	0	0	0	31
	19:00	0	11	11	0	0	0	0	0	0	0	0	0	0	0	22
	19:15	0	11	10	0	1	0	0	0	0	0	0	0	1	0	23
	19:30	0	11	8	0	0	0	0	0	1	0	0	0	0	0	20
	19:45	0	13	9	0	0	0	0	0	0	0	0	0	0	0	22
	20:00	0	13	7	0	0	0	0	1	1	0	0	0	1	0	23
	20:15	0	14	8	0	0	0	0	0	1	0	0	0	0	0	23
	20:30	0	5	8	0	0	0	0	0	3	0	0	0	1	0	17
	20:45	0	10	3	0	0	0	0	0	0	0	0	0	0	0	13
	21:00	0	9	1	0	0	0	0	0	1	0	0	0	0	0	11
	21:15	0	15	6	0	0	0	0	0	0	0	0	0	0	0	21
	21:30	0	3	2	0	0	0	0	0	0	0	0	1	0	0	6
	21:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:15	0	1	5	0	0	0	0	0	0	0	0	0	0	0	6
	22:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Daily Total :		4	1199	771	6	9	3	0	10	44	4	0	2	7	8	2067
Percent :		0%	58%	37%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	
Average :		0	12	8	0	0	0	0	0	0	0	0	0	0	0	20

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	00:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:15	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
	05:30	0	6	1	0	0	1	0	0	0	0	0	0	0	0	8
	05:45	0	3	3	0	1	0	0	0	0	0	0	0	0	0	7
	06:00	0	9	1	1	0	0	0	0	0	0	0	0	0	0	11
	06:15	0	8	9	0	0	0	0	0	0	0	0	0	1	0	18
	06:30	0	13	10	0	0	0	0	1	0	0	0	0	0	0	24
	06:45	0	10	9	0	0	0	0	0	0	0	0	0	0	0	19
	07:00	0	7	13	0	0	0	0	0	0	0	0	0	0	0	20
	07:15	0	13	10	0	0	0	0	1	0	0	0	0	1	0	25
	07:30	0	17	13	0	0	1	0	0	0	0	0	0	0	0	31
	07:45	0	10	12	0	2	0	0	0	0	0	0	0	0	0	24
	08:00	0	6	14	1	1	0	0	0	0	0	0	0	0	0	22
	08:15	0	11	5	0	0	0	0	0	1	0	0	0	0	0	17
	08:30	0	7	13	0	0	0	0	0	1	0	0	0	0	0	21
	08:45	0	8	13	0	0	0	0	0	1	0	0	0	0	0	22
	09:00	2	7	8	0	0	0	0	0	0	0	0	0	0	0	17
	09:15	0	14	8	0	0	0	0	0	1	0	0	0	0	0	23
	09:30	0	10	16	0	0	0	0	1	4	0	0	0	0	0	31
	09:45	0	12	4	0	1	1	0	0	2	0	0	0	0	0	20
	10:00	0	7	6	0	0	0	0	0	0	0	0	0	0	0	13
	10:15	0	7	10	0	1	0	0	0	1	1	0	0	0	0	20
	10:30	0	4	11	1	0	0	0	0	1	0	0	0	1	0	18
	10:45	0	9	14	0	0	0	0	0	0	1	0	0	0	0	24
	11:00	1	13	6	0	0	0	0	0	0	0	0	0	0	0	20
	11:15	0	6	12	0	1	0	0	1	0	0	0	0	0	0	20
	11:30	0	15	15	0	0	0	0	0	1	0	0	0	0	0	31
	11:45	0	23	14	0	1	0	0	0	1	0	0	0	0	0	39
	12:00	0	15	8	0	0	0	0	0	0	1	0	0	0	0	24
	12:15	0	11	6	0	0	0	0	0	1	1	0	0	0	0	19

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	9	11	0	0	0	0	0	2	0	0	0	0	0	22
Wed	12:45	0	12	12	0	0	0	0	0	0	0	0	0	0	0	24
	13:00	0	18	7	0	0	0	0	0	1	1	0	0	0	0	27
	13:15	0	13	10	0	0	0	0	0	0	0	0	0	0	0	23
	13:30	0	16	12	0	0	0	0	0	0	1	0	0	0	0	29
	13:45	0	22	15	0	0	0	0	0	0	0	0	0	0	0	37
	14:00	0	17	17	0	0	1	0	0	0	0	0	0	1	0	36
	14:15	1	20	15	0	0	0	0	0	1	0	0	0	0	0	37
	14:30	0	24	13	0	1	0	0	0	1	0	0	0	0	0	39
	14:45	0	15	13	0	0	0	0	0	0	0	0	0	0	0	28
	15:00	0	22	27	0	0	0	0	0	1	0	0	0	1	0	51
	15:15	0	28	22	0	0	0	0	0	0	0	0	0	1	0	51
	15:30	0	25	23	0	0	0	0	0	0	0	0	0	1	0	49
	15:45	0	37	17	0	0	0	0	1	1	0	0	0	0	0	56
	16:00	0	22	17	0	0	0	0	0	0	0	0	0	1	1	41
	16:15	0	24	25	0	0	0	0	0	1	0	0	0	1	1	52
	16:30	1	43	22	0	0	0	0	0	0	0	0	0	1	0	67
	16:45	0	44	29	0	1	0	0	0	0	0	0	0	0	0	74
	17:00	0	39	25	0	1	0	0	1	0	0	0	0	0	1	67
	17:15	0	59	37	0	0	0	0	0	0	0	0	0	0	0	96
	17:30	0	40	24	0	0	0	0	0	2	0	0	0	0	0	66
	17:45	0	32	30	0	0	0	0	0	1	0	0	0	0	0	63
	18:00	0	27	21	0	0	0	0	0	0	0	0	0	0	1	49
	18:15	0	16	12	0	1	0	0	0	0	0	0	0	1	0	30
	18:30	0	11	10	0	0	0	0	0	0	0	0	0	0	2	23
	18:45	1	28	7	0	1	0	0	0	0	0	0	0	0	0	37
	19:00	0	19	8	0	0	0	0	1	1	0	0	0	0	0	29
	19:15	0	9	4	0	0	0	0	0	0	0	0	0	0	1	14
	19:30	0	19	9	0	0	0	0	0	0	0	0	0	0	0	28
	19:45	0	4	12	0	1	0	0	0	0	0	0	0	0	0	17
	20:00	0	16	5	0	0	0	0	0	0	0	0	0	0	0	21
	20:15	0	8	7	0	0	0	0	0	0	0	1	0	1	0	17
	20:30	0	6	6	1	1	0	0	0	0	0	0	0	0	0	14
	20:45	0	9	9	0	0	0	0	0	0	0	0	1	0	0	19
	21:00	0	9	5	0	0	0	0	0	0	0	0	0	0	0	14
	21:15	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
	21:30	0	7	4	0	1	0	0	0	0	0	0	0	0	0	12
	21:45	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	22:00	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	22:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	22:30	0	3	2	0	0	0	0	0	1	0	0	0	0	0	6
	22:45	0	5	6	0	0	0	0	0	1	0	0	0	0	0	12
	23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	23:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Daily Total :		6	1085	831	4	19	4	0	7	33	6	1	2	12	7	2017
Percent :		0%	54%	41%	0%	1%	0%	0%	0%	2%	0%	0%	0%	1%	0%	
Average :		0	11	9	0	0	0	0	0	0	0	0	0	0	0	20

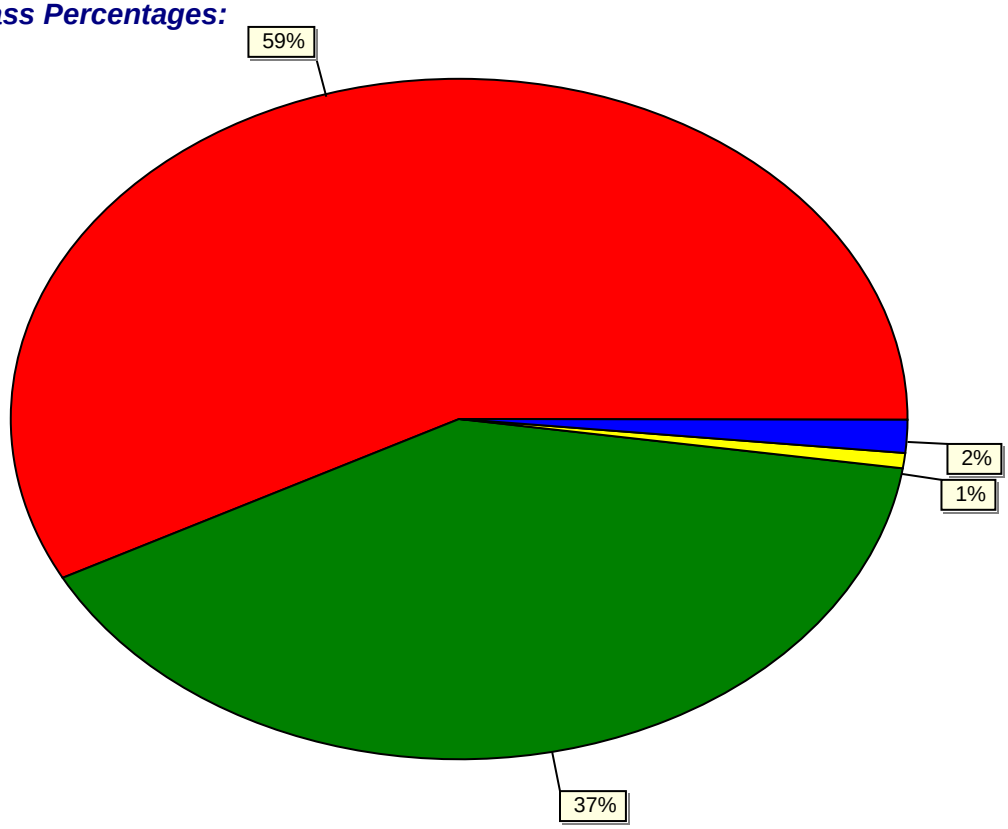
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	04:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:15	0	2	2	1	0	0	0	0	0	0	0	0	0	0	5
	05:30	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	05:45	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	06:00	0	5	4	0	0	0	0	0	2	0	0	0	0	0	11
Daily Total :		0	26	20	1	0	0	0	0	3	0	0	0	0	0	50
	Percent :	0%	52%	40%	2%	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%	
	Average :	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2

Basic Axle Class Summary: 4P0000356

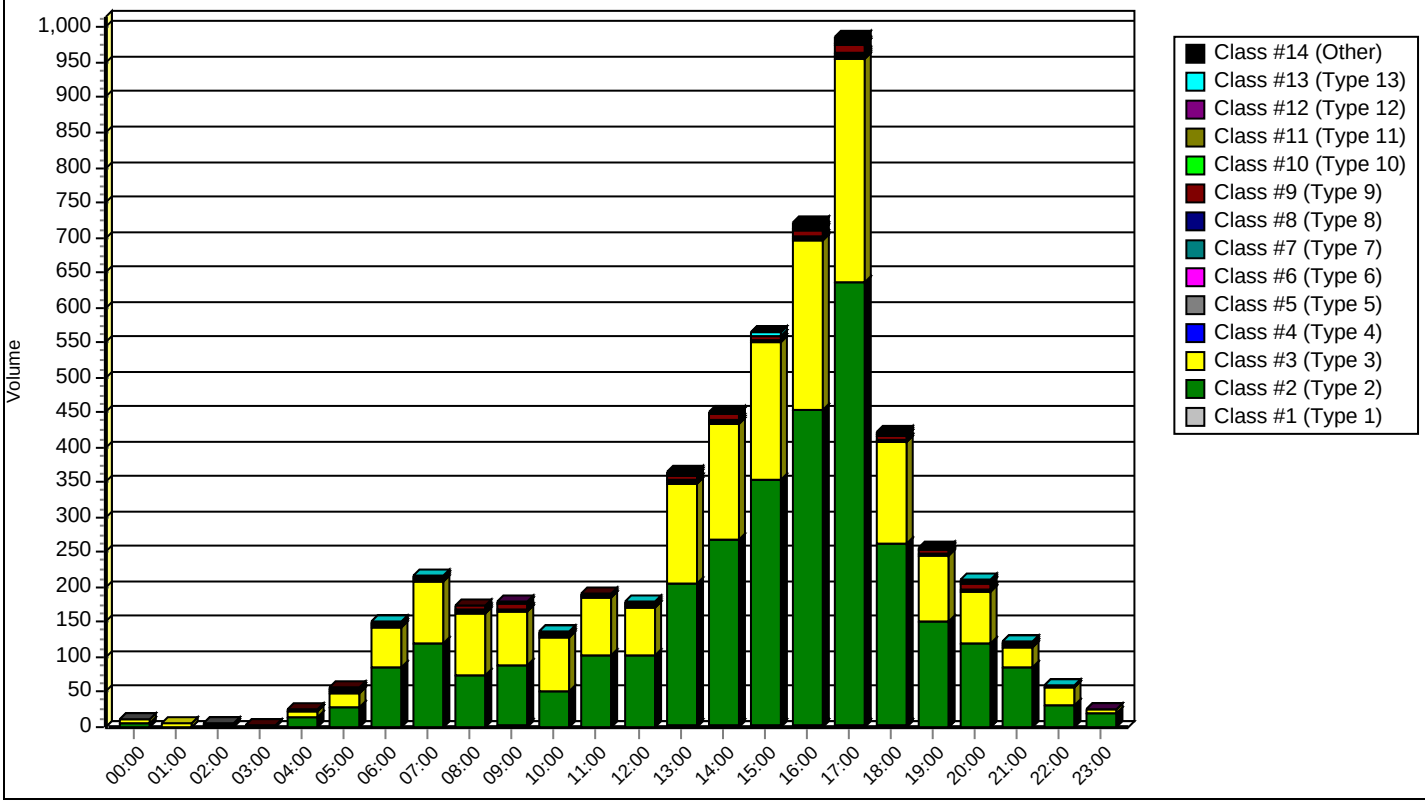
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	21	3243	2023	15	32	9	0	21	94	11	1	5	25	27	5527
		21	3243	2023	15	32	9	0	21	94	11	1	5	25	27	5527
Percents :	#1.	0%	59%	37%	0%	1%	0%	0%	0%	2%	0%	0%	0%	0%	0%	100%
		0%	59%	37%	0%	1%	0%	0%	0%	2%	0%	0%	0%	0%	0%	
Average :	#1.	0	12	8	0	0	0	0	0	0	0	0	0	0	0	20
		0	12	8	0	0	0	0	0	0	0	0	0	0	0	20
Days & ADT :	#1.	2.7	2032													
		2.7	2032													

4P0000356 Axle Class Charts For Data From: 13:00 - 04/11/2011 To: 06:29 - 04/14/2011

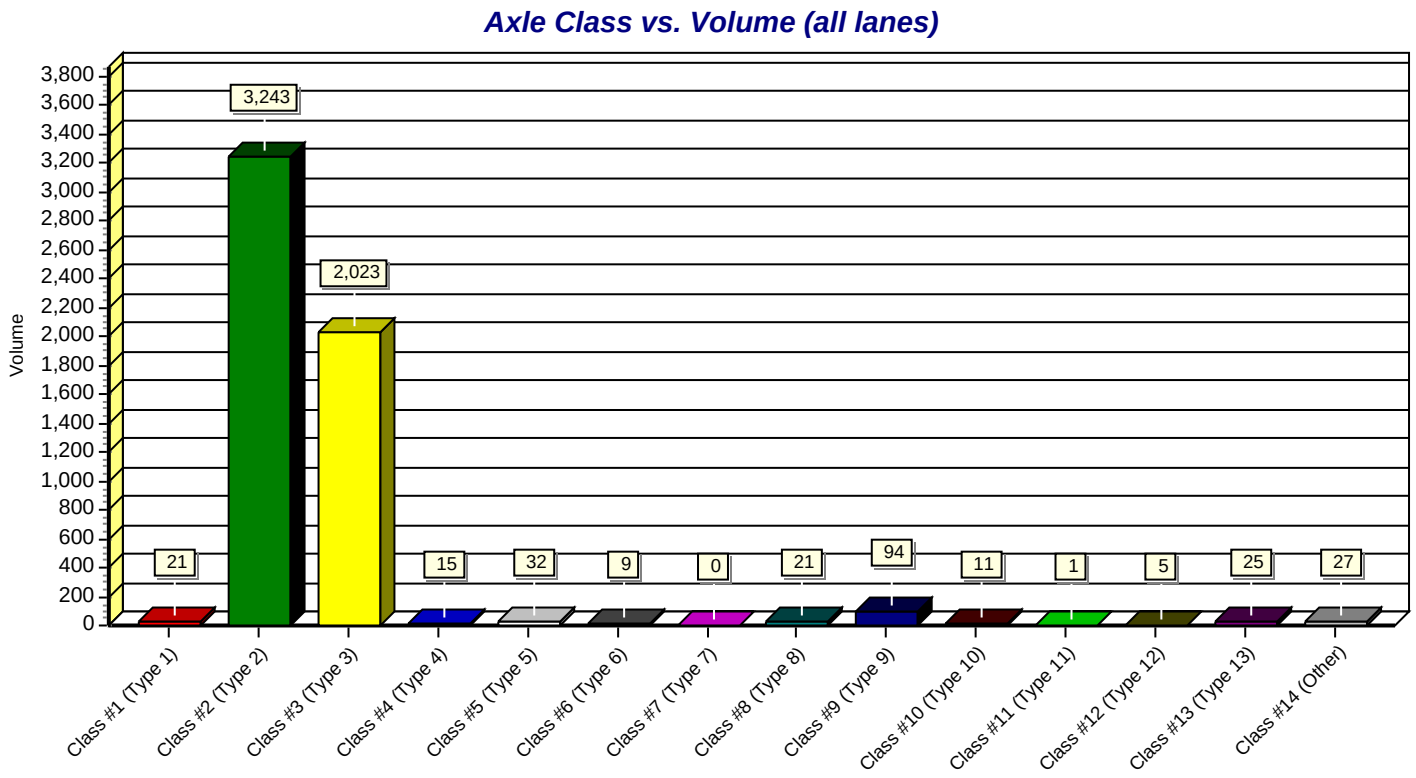
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0000356 Axle Class Charts For Data From: 13:00 - 04/11/2011 To: 06:29 - 04/14/2011



Basic Speed Classification Report: 4P0000356

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 13:00 - 04/11/2011 To: 06:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	13:00	0	0	0	0	0	0	0	0	4	19	9	2	0	0	0	0	34
Mon	13:15	0	0	0	0	0	0	0	0	4	18	16	2	0	0	0	0	40
	13:30	0	0	0	0	0	0	0	0	1	12	11	2	0	0	0	0	26
	13:45	0	0	0	0	0	0	0	0	4	17	12	2	1	0	0	0	36
	14:00	0	0	0	0	0	0	0	0	2	11	19	4	1	0	0	0	37
	14:15	0	0	0	0	0	0	0	0	0	12	22	7	1	0	0	0	42
	14:30	0	0	0	0	0	0	0	0	0	8	22	11	7	0	1	0	49
	14:45	0	0	0	0	0	0	0	0	0	8	24	15	2	1	0	0	50
	15:00	0	0	0	0	0	0	0	0	1	13	16	11	0	1	0	0	42
	15:15	0	0	0	0	0	0	0	0	0	4	18	15	1	0	0	0	38
	15:30	0	0	0	0	0	0	0	0	1	5	28	20	0	0	0	0	54
	15:45	0	0	0	0	0	0	0	0	0	7	27	18	1	0	0	0	53
	16:00	0	0	0	0	0	0	0	0	0	11	31	10	4	0	0	0	56
	16:15	0	0	0	0	0	0	0	0	0	7	37	13	0	0	0	0	57
	16:30	0	0	0	0	0	0	0	0	0	7	33	14	1	0	0	0	55
	16:45	0	0	0	0	0	0	0	0	0	7	43	18	5	0	0	0	73
	17:00	0	0	0	0	0	0	0	0	0	3	35	24	3	0	0	0	65
	17:15	0	0	0	0	0	0	0	0	0	7	66	25	9	1	0	0	108
	17:30	1	0	0	0	0	1	0	0	0	9	45	17	3	0	0	0	76
	17:45	0	0	0	0	0	0	0	0	0	5	21	17	6	0	0	0	49
	18:00	0	0	0	0	0	0	0	0	0	0	6	28	13	3	1	0	51
	18:15	0	0	0	0	0	0	0	0	0	0	6	16	16	2	1	0	41
	18:30	0	0	0	0	0	0	0	0	0	1	3	15	4	2	0	0	25
	18:45	0	0	0	0	0	0	0	0	0	1	1	9	4	0	1	0	16
	19:00	0	0	0	0	0	0	0	0	0	0	3	9	6	0	0	0	18
	19:15	0	0	0	0	0	0	0	0	0	0	8	7	8	1	0	0	24
	19:30	0	0	0	0	0	0	0	0	0	0	5	5	4	2	1	0	17
	19:45	0	0	0	0	0	0	0	0	0	0	8	9	5	0	0	0	22
	20:00	0	0	0	0	0	0	0	0	0	0	11	8	3	0	0	0	22
	20:15	0	0	0	0	0	0	0	0	0	1	5	10	2	1	0	0	19
	20:30	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	9
	20:45	0	0	0	0	0	0	0	0	0	0	3	7	4	0	0	0	14
	21:00	0	0	0	0	0	0	0	0	0	0	6	4	1	0	0	0	11
	21:15	0	0	0	0	0	0	0	0	0	2	3	5	2	0	0	0	12
	21:30	0	0	0	0	0	0	0	0	0	1	5	3	1	2	0	0	12
	21:45	0	0	0	0	0	0	0	0	0	0	6	1	2	0	0	0	9
	22:00	0	0	0	0	0	0	0	0	0	0	2	5	0	1	0	0	8
	22:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	7
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
4/11/201	23:00	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	4
Mon	23:15	0	0	0	0	0	0	0	0	0	0	2	3	0	0	1	0	6
	23:30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Daily Total :		1	0	0	0	0	1	0	0	17	200	626	401	124	17	6	0	1393
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	1%	14%	45%	29%	9%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	5	14	9	3	0	0	0	20

Speeds - Average: 69.3 50% : 68.8 67% : 71.2 85% : 74.3 10mph Pace: 65.0 - 74.9 (73.7%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	04:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:30	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	5
	05:45	0	0	0	0	0	0	0	0	0	0	2	6	1	1	0	0	10
	06:00	0	0	0	0	0	0	0	0	0	0	2	4	0	2	0	0	8
	06:15	0	0	0	0	0	0	0	0	0	1	2	7	0	1	0	0	11
	06:30	0	0	0	0	0	0	0	0	0	0	2	14	8	2	0	0	26
	06:45	0	0	0	0	0	0	0	0	0	0	1	9	8	5	0	0	23
	07:00	0	0	0	0	0	0	0	0	0	0	3	11	3	2	0	0	19
	07:15	0	0	0	0	0	0	0	0	0	0	3	9	8	4	0	0	24
	07:30	0	0	0	0	0	0	0	0	0	1	5	13	3	2	0	0	24
	07:45	0	0	0	0	0	0	0	0	0	0	7	16	19	7	0	0	49
	08:00	0	0	0	0	0	0	0	0	0	0	4	3	4	0	0	0	11
	08:15	0	0	0	0	0	0	0	0	0	0	5	14	2	1	0	0	22
	08:30	0	0	0	0	0	0	0	0	0	0	11	10	5	2	0	0	28
	08:45	0	0	0	0	0	0	0	0	0	1	12	8	8	1	0	0	30
	09:00	0	0	0	0	0	0	0	0	0	0	8	19	5	0	0	0	32
	09:15	0	0	0	0	0	0	0	0	0	1	6	7	3	1	0	0	18
	09:30	0	0	0	0	0	0	0	0	0	1	6	6	5	1	0	0	19
	09:45	0	0	0	0	0	0	0	0	0	0	6	10	3	0	0	0	19
	10:00	0	0	0	0	0	0	0	0	0	1	8	4	3	0	0	0	16
	10:15	0	0	0	0	0	0	0	0	0	1	7	5	3	0	0	0	16
	10:30	0	0	0	0	0	0	0	1	0	0	4	3	3	0	0	0	11
	10:45	0	0	0	0	0	0	0	0	0	0	5	6	8	0	0	0	19
	11:00	0	0	0	0	0	0	0	0	0	1	11	7	1	1	1	0	22
	11:15	0	0	0	0	0	0	0	0	0	0	3	7	7	0	0	0	17
	11:30	0	0	0	0	0	0	0	0	0	0	9	7	2	0	0	0	18
	11:45	0	0	0	0	0	0	0	0	0	0	8	11	5	0	0	0	24
	12:00	0	0	0	0	0	0	0	0	0	0	4	13	7	3	0	0	27
	12:15	0	0	0	0	0	0	0	0	0	2	7	5	2	0	0	0	16

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	0	8	10	3	1	0	0	22
Tue	12:45	0	0	0	0	0	0	0	0	0	0	8	9	6	3	0	0	26
	13:00	0	0	0	0	0	0	0	0	1	2	6	10	6	0	1	0	26
	13:15	0	0	0	0	0	0	0	0	0	0	4	6	17	2	1	0	30
	13:30	0	0	0	0	0	0	0	0	0	2	6	15	6	1	0	0	30
	13:45	0	0	0	0	0	0	0	0	0	0	4	10	11	1	1	0	27
	14:00	0	0	0	0	0	0	0	0	0	0	5	18	5	3	0	0	31
	14:15	0	0	0	0	0	0	0	0	0	0	9	15	3	2	0	0	29
	14:30	0	0	0	0	0	0	0	0	0	0	11	15	6	2	0	0	34
	14:45	0	0	0	0	0	0	0	0	0	1	12	14	10	1	0	0	38
	15:00	0	0	0	0	0	0	0	0	0	0	11	17	8	2	0	0	38
	15:15	0	0	0	0	0	0	0	0	0	0	11	15	22	2	0	0	50
	15:30	0	0	0	0	0	0	0	0	0	0	9	30	8	3	0	0	50
	15:45	0	0	0	0	0	0	0	0	0	0	9	10	12	2	0	0	33
	16:00	0	0	0	0	0	0	0	0	0	0	11	24	11	3	0	0	49
	16:15	1	0	0	0	0	0	0	0	0	0	12	28	11	2	0	0	54
	16:30	0	0	0	0	0	0	0	0	0	1	14	33	20	1	0	0	69
	16:45	0	0	0	0	0	0	0	0	0	0	15	34	21	6	0	0	76
	17:00	0	0	0	0	0	0	0	0	0	3	12	50	18	3	0	0	86
	17:15	11	9	11	10	11	11	15	12	5	4	1	8	2	0	0	0	110
	17:30	0	0	0	0	0	0	3	8	10	42	58	22	3	1	0	0	147
	17:45	0	0	0	0	0	0	0	0	3	4	11	22	14	0	0	0	54
	18:00	0	0	0	0	0	0	0	0	0	2	8	27	14	3	0	0	54
	18:15	0	0	0	0	0	0	0	0	0	1	14	18	6	0	0	0	39
	18:30	0	0	0	0	0	0	0	0	0	0	2	13	7	4	0	0	26
	18:45	0	0	0	0	0	0	0	0	0	1	3	16	10	1	0	0	31
	19:00	0	0	0	0	0	0	0	0	0	0	2	8	10	0	2	0	22
	19:15	0	0	0	0	0	0	0	0	0	0	8	10	5	0	0	0	23
	19:30	0	0	0	0	0	0	0	0	0	0	4	11	5	0	0	0	20
	19:45	0	0	0	0	0	0	0	0	0	0	4	12	5	1	0	0	22
	20:00	0	0	0	0	0	0	0	0	0	0	2	10	8	3	0	0	23
	20:15	0	0	0	0	0	0	0	0	0	1	10	8	4	0	0	0	23
	20:30	0	0	0	0	0	0	0	0	0	1	8	5	2	0	1	0	17
	20:45	0	0	0	0	0	0	0	0	0	0	4	7	1	0	1	0	13
	21:00	0	0	0	0	0	0	0	0	0	1	4	3	2	1	0	0	11
	21:15	0	0	0	0	0	0	0	0	0	0	4	11	4	2	0	0	21
	21:30	0	0	0	0	0	0	0	0	0	0	2	1	2	1	0	0	6
	21:45	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	4
	22:00	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	6
	22:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	3
	22:45	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	4
	23:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		12	9	11	10	11	11	18	21	20	78	497	825	439	94	11	0	2067
Percent :		1%	0%	1%	0%	1%	1%	1%	1%	1%	4%	24%	40%	21%	5%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	5	9	5	1	0	0	31

Speeds - Average: 70.7 50% : 72.1 67% : 74.2 85% : 77.7 10mph Pace: 65.0 - 74.9 (64.0%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	3
	00:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	0	2	4	1	1	0	0	8
	05:45	0	0	0	0	0	0	0	0	0	0	2	4	0	1	0	0	7
	06:00	0	0	0	0	0	0	0	0	0	0	2	7	1	1	0	0	11
	06:15	0	0	0	0	0	0	0	0	0	0	2	10	5	1	0	0	18
	06:30	0	0	0	0	0	0	0	0	0	0	1	6	11	5	1	0	24
	06:45	0	0	0	0	0	0	0	0	0	0	0	2	10	5	2	0	19
	07:00	0	0	0	0	0	0	0	0	0	0	2	6	9	2	1	0	20
	07:15	0	0	0	0	0	0	0	0	0	0	2	6	9	7	1	0	25
	07:30	0	0	0	0	0	0	0	0	0	0	1	11	16	3	0	0	31
	07:45	0	0	0	0	0	0	0	0	0	0	1	7	8	8	0	0	24
	08:00	0	0	0	0	0	0	0	0	0	0	3	12	6	0	1	0	22
	08:15	0	0	0	0	0	0	0	0	0	0	5	9	3	0	0	0	17
	08:30	0	0	0	0	0	0	0	0	1	1	7	6	5	1	0	0	21
	08:45	0	0	0	0	0	0	0	0	0	1	6	9	6	0	0	0	22
	09:00	1	0	0	0	0	1	0	0	0	3	6	2	4	0	0	0	17
	09:15	0	0	0	0	0	0	0	0	0	0	5	11	6	1	0	0	23
	09:30	0	0	0	0	0	1	1	0	0	0	12	12	4	1	0	0	31
	09:45	0	0	0	0	0	0	0	0	0	0	5	7	7	1	0	0	20
	10:00	0	0	0	0	0	0	0	0	0	0	4	8	1	0	0	0	13
	10:15	0	0	0	0	0	0	0	0	0	1	4	8	5	1	1	0	20
	10:30	0	0	0	0	0	0	0	0	0	0	7	6	3	1	1	0	18
	10:45	0	0	0	0	0	0	0	0	0	1	5	12	5	0	1	0	24
	11:00	1	0	0	0	0	0	0	0	0	0	2	8	9	0	0	0	20
	11:15	0	0	0	0	0	0	1	0	0	0	4	11	3	0	1	0	20
	11:30	0	0	0	0	0	0	0	0	0	1	9	14	5	2	0	0	31
	11:45	0	0	0	0	0	0	0	0	0	0	11	21	6	1	0	0	39
	12:00	0	0	0	0	0	0	0	0	0	0	3	9	8	3	1	0	24
	12:15	0	0	0	0	0	0	0	0	0	0	5	6	6	2	0	0	19

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	0	1	4	10	5	2	0	0	22
Wed	12:45	0	0	0	0	0	0	0	0	0	1	3	16	3	1	0	0	24
	13:00	0	0	0	0	0	0	0	0	0	0	6	12	7	1	1	0	27
	13:15	0	0	0	0	0	0	0	0	0	0	9	9	3	2	0	0	23
	13:30	0	0	0	0	0	0	1	1	0	0	4	11	11	1	0	0	29
	13:45	0	0	0	0	0	0	0	0	0	0	7	14	16	0	0	0	37
	14:00	0	0	0	0	0	0	0	0	0	1	15	12	7	1	0	0	36
	14:15	0	0	0	0	0	0	0	0	0	0	9	20	7	1	0	0	37
	14:30	0	0	0	0	0	0	0	0	0	0	16	15	8	0	0	0	39
	14:45	0	0	0	0	0	0	0	0	0	1	5	11	10	1	0	0	28
	15:00	0	0	0	0	0	0	0	0	0	0	12	27	9	3	0	0	51
	15:15	0	0	0	0	0	0	0	0	0	1	13	28	9	0	0	0	51
	15:30	0	0	0	0	0	0	0	0	1	0	12	25	9	2	0	0	49
	15:45	0	0	0	0	0	0	0	1	0	4	10	32	9	0	0	0	56
	16:00	0	0	1	0	0	0	0	0	0	2	10	22	4	1	1	0	41
	16:15	1	0	0	0	0	0	0	1	1	4	15	21	8	1	0	0	52
	16:30	0	0	1	0	0	0	0	0	0	0	10	33	18	5	0	0	67
	16:45	0	0	0	0	0	0	0	0	0	0	7	38	24	5	0	0	74
	17:00	0	0	0	0	0	0	0	0	0	0	5	25	27	10	0	0	67
	17:15	0	0	0	2	0	1	3	2	4	2	15	34	26	5	2	0	96
	17:30	0	0	0	0	0	0	0	0	0	0	5	18	34	8	1	0	66
	17:45	0	0	0	0	0	0	0	0	0	1	11	26	20	4	1	0	63
	18:00	0	0	0	0	0	0	0	0	0	0	6	17	18	8	0	0	49
	18:15	0	0	0	0	0	0	0	0	0	0	5	6	13	6	0	0	30
	18:30	0	0	0	0	0	0	0	0	0	0	3	9	10	1	0	0	23
	18:45	0	0	0	0	0	0	0	0	0	0	7	15	11	3	1	0	37
	19:00	0	0	0	0	0	0	0	0	0	0	3	13	9	4	0	0	29
	19:15	0	0	0	0	0	0	0	0	0	0	5	4	5	0	0	0	14
	19:30	0	0	0	0	0	0	0	0	0	0	3	12	9	4	0	0	28
	19:45	0	0	0	0	0	0	0	0	0	0	2	7	7	1	0	0	17
	20:00	0	0	0	0	0	0	0	0	0	0	2	13	3	2	1	0	21
	20:15	0	0	0	0	0	0	0	0	0	2	5	6	3	1	0	0	17
	20:30	0	0	0	0	0	0	0	0	0	0	5	6	3	0	0	0	14
	20:45	0	0	0	0	1	0	0	0	0	0	1	13	3	1	0	0	19
	21:00	0	0	0	0	0	0	0	0	0	1	2	6	5	0	0	0	14
	21:15	0	0	0	0	0	0	0	0	0	0	3	3	3	0	0	0	9
	21:30	0	0	0	0	0	0	0	0	0	0	6	4	1	1	0	0	12
	21:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	22:00	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	6
	22:15	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	22:30	0	0	0	0	0	0	1	0	0	0	2	1	0	2	0	0	6
	22:45	0	0	0	0	0	0	0	1	0	2	6	3	0	0	0	0	12
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	4
	23:30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	0	2	2	1	3	7	6	7	34	404	847	544	138	19	0	2017
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	20%	42%	27%	7%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	4	9	6	1	0	0	21

Speeds - Average: 73.3 50% : 73.2 67% : 75.4 85% : 78.7 10mph Pace: 70.0 - 79.9 (69.2%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	04:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	4
	05:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	5
	05:30	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	5
	05:45	0	0	0	0	0	0	0	0	0	0	2	3	0	2	0	0	7
	06:00	0	0	0	0	0	0	1	0	0	0	3	5	2	0	0	0	11
Daily Total :		0	0	0	0	0	0	1	0	0	1	18	23	4	3	0	0	50
Percent :		0%	0%	0%	0%	0%	0%	2%	0%	0%	2%	36%	46%	8%	6%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	20

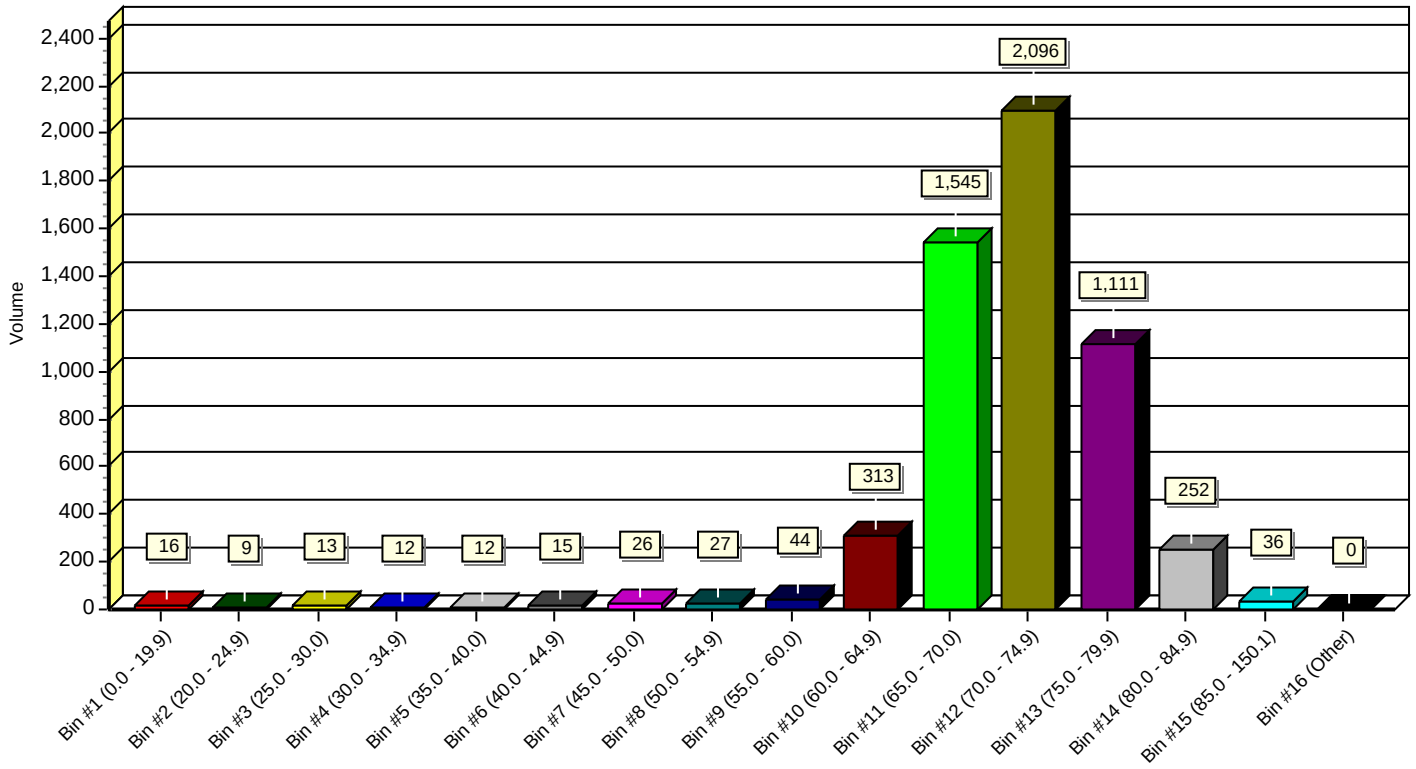
Speeds - Average: 71.0 50% : 72.1 67% : 72.6 85% : 73.2 10mph Pace: 67.0 - 76.9 (82.0%)

Basic Speed Class Summary: 4P0000356

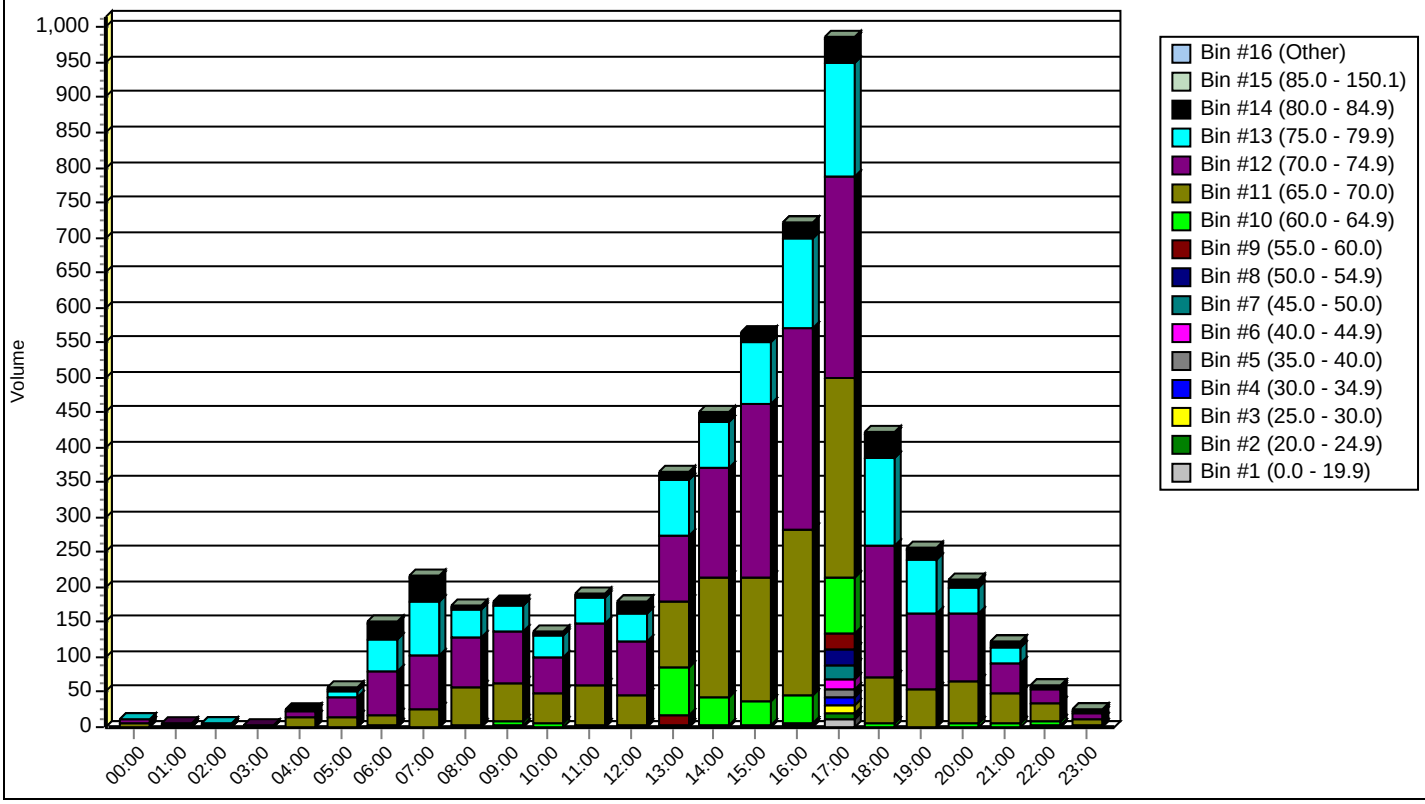
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	16	9	13	12	12	15	26	27	44	313	1545	2096	1111	252	36	0	5527
		16	9	13	12	12	15	26	27	44	313	1545	2096	1111	252	36	0	5527
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	28%	38%	20%	5%	1%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	28%	38%	20%	5%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	1	6	8	4	1	0	0	20
		0	0	0	0	0	0	0	0	0	1	6	8	4	1	0	0	20
Days & ADT :	#1.	2.7	2032															
		2.7	2032															
Avg,50,67,85%:	#1.	71.3	71.8	74.0	77.6	65.0	- 74.9	66%										
		71.3	71.8	74.0	77.6	65.0	- 74.9	66%										

4P0000356 Speed Class Charts For Data From: 13:00 - 04/11/2011 To: 06:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D3331456

Station ID : 2D3331456
Info Line 1 : EB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 2D3331456.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 97837
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 15:15 - 04/11/2011 To: 09:44 - 04/13/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	15:15	0	35	38	1	1	0	1	0	1	0	0	0	2	1	80
Mon	15:30	2	59	54	1	2	2	0	2	8	1	0	0	5	0	136
	15:45	3	82	72	7	5	4	1	0	3	2	0	0	5	0	184
	16:00	1	75	52	5	6	3	0	0	8	0	0	0	3	1	154
	16:15	1	86	58	4	1	3	1	0	4	0	0	0	1	2	161
	16:30	0	94	65	1	1	1	0	0	3	1	0	0	2	1	169
	16:45	0	80	69	1	0	0	0	1	7	0	0	0	1	1	160
	17:00	1	73	76	2	2	0	0	2	5	2	0	0	2	0	165
	17:15	1	89	69	0	1	0	0	2	6	0	0	0	1	1	170
	17:30	1	92	59	0	1	0	0	0	4	0	0	0	1	0	158
	17:45	1	80	51	0	1	0	0	2	11	0	0	0	4	0	150
	18:00	1	72	46	0	0	1	0	2	5	0	0	0	1	0	128
	18:15	2	75	42	1	1	0	0	0	5	0	0	0	3	1	130
	18:30	0	58	40	1	0	0	0	2	9	1	0	0	0	0	111
	18:45	0	46	31	4	0	0	0	0	5	0	1	0	1	0	88
	19:00	1	55	31	1	0	1	0	0	9	0	0	0	0	0	98
	19:15	0	38	27	0	0	0	0	0	5	1	0	0	3	0	74
	19:30	0	41	20	1	0	0	0	4	11	3	0	0	3	0	83
	19:45	2	37	34	0	0	0	0	0	4	0	0	0	1	0	78
	20:00	0	27	27	2	0	0	0	0	5	1	0	0	1	0	63
	20:15	2	40	26	1	1	0	0	0	5	0	0	0	2	0	77
	20:30	0	37	14	1	0	0	0	0	6	0	0	0	0	0	58
	20:45	0	40	20	2	0	0	0	0	10	1	0	0	0	0	73
	21:00	0	27	21	1	1	0	0	0	5	0	0	0	1	0	56
	21:15	1	35	19	1	0	0	0	0	8	1	0	0	2	0	67
	21:30	0	33	14	0	0	0	0	0	5	0	0	0	0	0	52
	21:45	1	13	11	0	0	0	0	0	3	1	0	0	0	0	29
	22:00	0	17	13	0	0	1	0	1	5	0	0	0	0	0	37
	22:15	0	18	9	0	0	1	0	0	3	1	0	0	1	0	33
	22:30	0	16	8	1	1	1	0	0	3	1	0	0	0	0	31
	22:45	0	21	11	0	0	0	0	0	3	0	0	0	1	0	36
	23:00	0	13	7	1	0	0	0	0	3	1	0	0	0	0	25
	23:15	0	6	3	0	0	1	0	0	3	0	0	0	0	0	13
	23:30	0	11	14	0	0	0	0	0	3	0	0	0	0	0	28

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	23:45	0	4	5	0	0	0	0	0	1	0	0	0	1	0	11
Daily Total :		21	1625	1156	40	25	19	3	18	184	18	1	0	48	8	3166
Percent :		1%	51%	37%	1%	1%	1%	0%	1%	6%	1%	0%	0%	2%	0%	
Average :		1	46	33	1	1	1	0	1	5	1	0	0	1	0	91

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	13	4	0	0	0	0	2	2	1	0	0	0	0	22
Tue	00:15	0	2	3	0	2	0	0	0	1	0	0	0	1	0	9
	00:30	0	7	4	0	0	0	0	1	1	0	0	0	0	2	15
	00:45	0	2	1	1	0	0	0	0	5	0	0	0	0	0	9
	01:00	0	4	5	0	1	0	0	1	4	0	0	0	0	0	15
	01:15	0	2	4	0	0	0	0	0	2	0	0	0	0	0	8
	01:30	0	8	0	0	0	0	0	0	2	0	0	0	1	0	11
	01:45	0	4	1	0	0	0	0	0	1	1	0	0	0	0	7
	02:00	0	5	1	0	0	0	0	0	2	1	0	0	0	0	9
	02:15	0	0	0	1	0	0	0	0	8	0	0	0	1	0	10
	02:30	0	5	4	0	0	0	0	0	1	0	0	0	0	0	10
	02:45	0	4	1	0	0	0	0	0	3	0	0	0	1	0	9
	03:00	0	4	4	0	0	0	0	2	2	1	0	0	1	0	14
	03:15	0	4	1	0	0	0	0	0	1	0	0	0	1	0	7
	03:30	0	9	4	0	0	0	0	0	2	0	0	2	2	0	19
	03:45	0	5	5	0	0	0	0	0	3	0	0	1	1	0	15
	04:00	0	4	7	0	0	0	0	0	2	0	0	0	1	0	14
	04:15	0	6	5	0	0	0	0	0	4	0	1	0	1	0	17
	04:30	0	16	8	0	0	0	0	0	6	0	1	0	1	0	32
	04:45	0	22	9	0	0	0	0	1	1	0	0	0	1	0	34
	05:00	0	22	9	0	0	0	0	0	2	1	0	0	0	0	34
	05:15	0	27	9	0	1	0	0	1	6	0	0	0	3	0	47
	05:30	0	43	23	1	1	0	0	0	8	1	0	0	2	0	79
	05:45	0	41	27	1	0	1	0	0	4	0	0	0	1	0	75
	06:00	0	38	34	1	1	1	0	0	4	0	0	0	0	0	79
	06:15	0	54	33	0	0	0	0	0	3	0	0	1	2	1	94
	06:30	0	96	59	0	0	0	0	1	4	0	0	0	1	1	162
	06:45	0	92	56	0	3	1	0	0	5	0	0	1	1	1	160
	07:00	0	109	58	0	1	0	0	0	10	1	0	0	4	3	186
	07:15	1	126	85	0	0	2	0	1	4	2	1	0	4	2	228
	07:30	1	153	85	0	3	0	0	0	11	0	2	0	2	1	258
	07:45	0	175	113	1	3	1	0	1	7	1	2	0	2	1	307
	08:00	0	95	56	2	5	0	0	1	6	0	0	0	2	3	170
	08:15	0	101	47	3	2	0	1	1	9	2	0	1	7	2	176
	08:30	1	87	70	1	3	1	1	2	10	2	0	0	7	2	187
	08:45	0	59	62	1	4	4	1	0	9	0	0	1	1	1	143
	09:00	0	73	48	3	4	1	0	0	10	1	0	0	2	1	143
	09:15	0	52	47	1	3	1	0	1	11	1	0	0	2	1	120
	09:30	0	67	48	0	0	0	0	0	16	1	0	0	4	2	138
	09:45	0	64	55	2	1	1	0	1	10	3	0	0	2	1	140
	10:00	0	74	62	0	2	2	0	0	10	0	0	0	1	0	151
	10:15	0	58	48	0	2	2	0	0	12	1	0	0	1	1	125
	10:30	0	50	53	0	1	2	0	2	8	4	0	0	3	0	123
	10:45	0	63	51	4	0	2	0	1	13	1	0	0	2	1	138
	11:00	0	68	45	0	0	3	1	2	10	0	0	0	4	1	134
	11:15	1	62	55	1	2	3	1	2	10	5	0	1	2	2	147
	11:30	2	50	42	0	3	2	0	1	12	5	0	0	1	0	118
	11:45	0	42	51	1	4	1	0	2	15	6	0	0	9	1	132
	12:00	0	40	50	0	6	1	0	0	12	2	0	0	2	1	114
	12:15	0	44	57	2	4	2	1	1	8	3	0	0	3	1	126

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	38	56	0	3	0	1	1	15	1	0	0	5	2	122
Tue	12:45	0	59	60	1	4	1	0	1	21	2	0	1	2	0	152
	13:00	0	37	57	4	6	0	0	0	16	2	0	0	2	1	125
	13:15	1	45	63	2	5	0	0	1	22	1	0	1	2	2	145
	13:30	0	57	69	1	3	4	1	2	16	1	0	0	4	2	160
	13:45	0	51	55	2	5	2	1	5	12	2	0	0	2	1	138
	14:00	0	52	46	3	4	3	1	2	13	4	0	0	2	0	130
	14:15	1	53	61	3	5	0	0	1	15	3	0	0	5	0	147
	14:30	0	60	62	2	2	1	0	2	10	1	0	0	2	1	143
	14:45	0	53	66	0	11	3	1	2	13	2	0	0	2	0	153
	15:00	0	41	58	2	4	2	1	3	12	1	0	0	3	0	127
	15:15	0	51	49	2	5	1	1	1	10	3	0	1	4	0	128
	15:30	0	69	65	2	6	0	0	1	19	1	0	0	2	2	167
	15:45	0	44	63	5	8	2	1	1	11	3	0	0	4	0	142
	16:00	2	64	77	4	6	1	0	2	10	3	0	0	2	2	173
	16:15	1	59	75	6	6	1	0	0	11	4	0	0	6	0	169
	16:30	2	70	85	0	4	0	0	2	15	2	0	0	1	0	181
	16:45	0	62	85	1	5	3	1	1	13	2	0	0	4	0	177
	17:00	1	67	90	0	3	0	0	1	13	1	0	0	0	0	176
	17:15	2	74	89	2	3	1	0	0	12	0	0	0	0	0	183
	17:30	0	64	78	1	6	1	0	1	11	2	0	0	3	0	167
	17:45	3	67	62	0	5	0	0	1	13	1	0	0	2	1	155
	18:00	2	55	55	1	2	0	0	0	11	0	0	0	1	0	127
	18:15	2	36	64	2	3	0	0	1	13	1	0	0	4	1	127
	18:30	1	42	46	2	2	1	0	3	17	2	0	0	3	1	120
	18:45	0	38	46	3	4	0	0	1	8	0	0	0	1	0	101
	19:00	0	28	33	0	2	2	0	1	8	0	0	0	2	1	77
	19:15	0	38	30	0	3	0	0	0	8	4	0	0	0	2	85
	19:30	1	23	34	1	0	1	0	1	9	1	0	0	2	0	73
	19:45	0	30	36	2	0	0	0	2	11	4	0	0	1	0	86
	20:00	0	23	30	0	2	0	0	1	9	3	0	0	1	2	71
	20:15	1	24	19	3	4	0	0	0	14	0	0	0	1	1	67
	20:30	0	24	23	1	2	0	0	1	5	0	0	0	0	1	57
	20:45	0	30	23	2	2	0	0	0	9	1	0	0	2	0	69
	21:00	0	28	22	0	0	0	0	1	6	3	0	0	2	0	62
	21:15	0	28	17	0	0	0	0	0	7	2	0	0	0	2	56
	21:30	0	17	20	0	2	0	0	0	12	0	0	0	1	0	52
	21:45	0	16	16	1	1	0	0	0	6	0	0	0	1	1	42
	22:00	0	20	12	0	1	0	0	0	5	0	0	0	1	1	40
	22:15	0	16	19	0	1	0	0	1	7	2	0	0	1	1	48
	22:30	0	15	19	0	1	0	0	0	2	0	0	0	0	0	37
	22:45	0	14	19	1	1	0	0	0	3	0	0	0	1	0	39
	23:00	0	14	8	1	2	0	0	0	2	0	0	0	2	1	30
	23:15	0	7	8	0	0	0	0	0	5	1	0	0	1	0	22
	23:30	0	12	6	0	0	0	0	1	5	0	0	0	0	1	25
	23:45	0	9	12	1	0	0	0	0	5	2	0	0	2	0	31
Daily Total :		26	4075	3697	91	206	64	15	73	802	115	7	11	179	63	9424
Percent :		0%	43%	39%	1%	2%	1%	0%	1%	9%	1%	0%	0%	2%	1%	
Average :		0	42	39	1	2	1	0	1	8	1	0	0	2	1	98

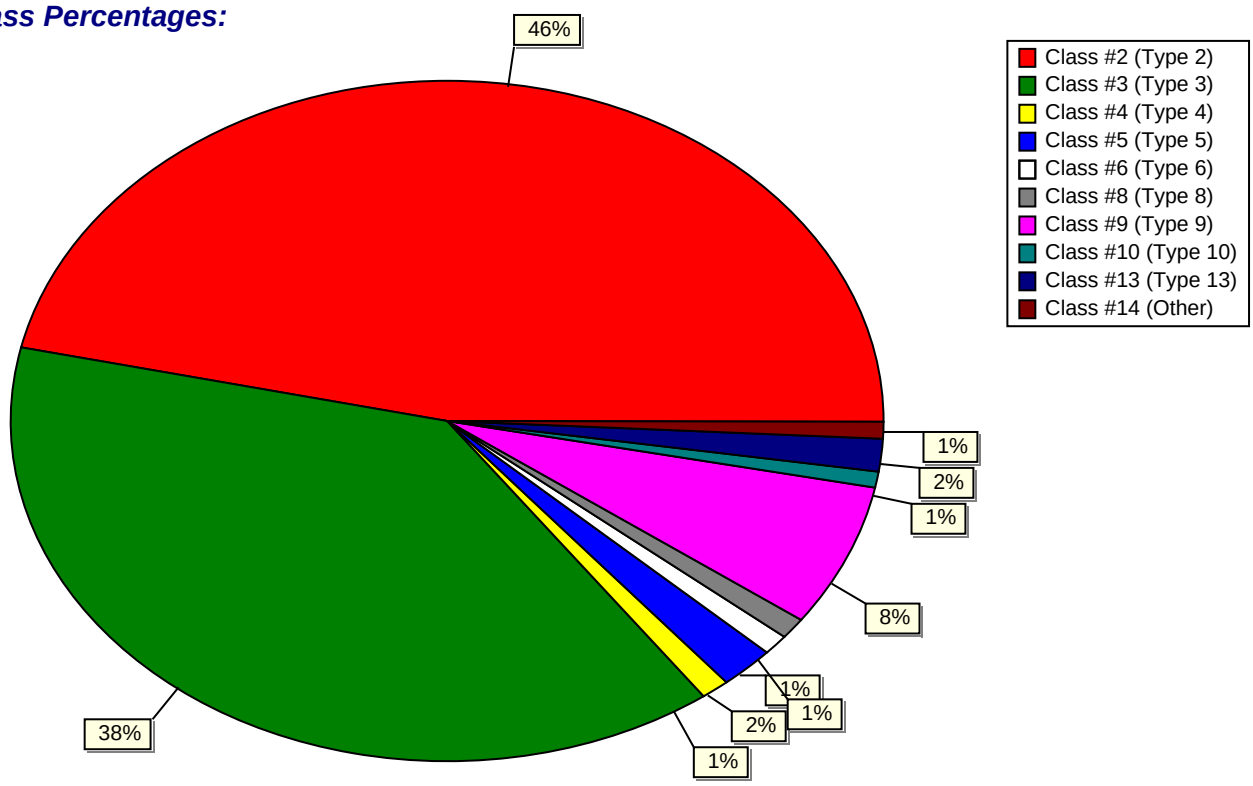
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	5	7	0	0	0	0	0	2	3	0	0	0	0	17
Wed	00:15	0	5	10	0	0	0	0	1	3	0	0	0	1	0	20
	00:30	0	4	3	1	0	0	0	0	2	1	0	0	1	0	12
	00:45	0	5	1	0	0	0	0	0	2	0	0	1	1	0	10
	01:00	0	2	3	0	0	0	0	0	4	0	0	0	1	0	10
	01:15	0	3	1	0	0	0	0	0	2	0	0	0	0	0	6
	01:30	0	5	5	0	0	1	0	0	4	0	0	0	1	0	16
	01:45	0	2	3	0	0	0	0	0	2	0	0	0	1	0	8
	02:00	0	1	0	0	0	0	0	0	7	0	0	0	0	0	8
	02:15	0	8	1	0	0	0	0	0	3	0	0	0	1	0	13
	02:30	0	9	0	0	0	0	0	0	1	0	0	0	0	0	10
	02:45	0	3	0	0	0	0	0	0	2	1	0	0	2	0	8
	03:00	0	3	1	0	0	0	0	1	6	0	0	1	2	1	15
	03:15	0	8	6	0	0	0	0	1	4	0	0	1	0	0	20
	03:30	0	12	3	0	0	0	0	0	6	1	0	0	1	1	24
	03:45	0	8	9	0	0	0	0	1	5	0	0	1	2	1	27
	04:00	0	8	2	0	0	0	0	0	3	0	0	0	0	0	13
	04:15	0	7	9	0	0	0	0	0	2	2	0	1	1	0	22
	04:30	0	16	9	0	0	0	0	0	4	1	0	0	3	2	35
	04:45	0	18	8	0	1	0	0	0	1	0	0	1	0	0	29
	05:00	0	22	9	1	1	1	0	0	1	0	0	0	0	0	35
	05:15	0	22	12	0	2	0	0	0	6	2	0	0	3	0	47
	05:30	0	33	36	1	0	0	0	0	2	0	0	1	2	0	75
	05:45	0	40	25	0	0	1	0	1	2	1	0	0	5	0	75
	06:00	0	37	32	0	1	0	0	1	7	0	0	0	0	0	78
	06:15	0	63	43	0	1	0	0	0	3	1	1	1	1	0	114
	06:30	0	88	60	0	3	1	0	0	7	0	0	1	2	2	164
	06:45	0	83	76	0	0	0	0	0	6	1	0	0	5	2	173
	07:00	0	99	62	1	4	0	0	1	10	0	0	0	2	1	180
	07:15	1	117	78	1	1	1	0	2	18	1	0	0	3	2	225
	07:30	2	151	97	2	8	0	0	1	11	3	0	0	2	3	280
	07:45	1	131	116	1	7	0	0	3	8	0	0	0	4	0	271
	08:00	1	80	68	2	3	1	0	1	9	2	0	1	4	4	176
	08:15	0	98	60	3	2	2	0	3	12	3	0	0	3	0	186
	08:30	0	80	66	1	5	0	0	2	9	0	0	0	5	2	170
	08:45	0	88	88	3	2	2	0	2	12	4	0	1	1	4	207
	09:00	0	65	91	1	6	2	0	3	18	2	0	0	4	5	197
	09:15	0	35	42	0	2	1	0	0	5	0	0	0	4	2	91
Daily Total :		5	1464	1142	18	49	13	0	24	211	29	1	11	68	32	3067
Percent :		0%	48%	37%	1%	2%	0%	0%	1%	7%	1%	0%	0%	2%	1%	
Average :		0	39	30	0	1	0	0	1	6	1	0	0	2	1	81

Basic Axle Class Summary: 2D3331456

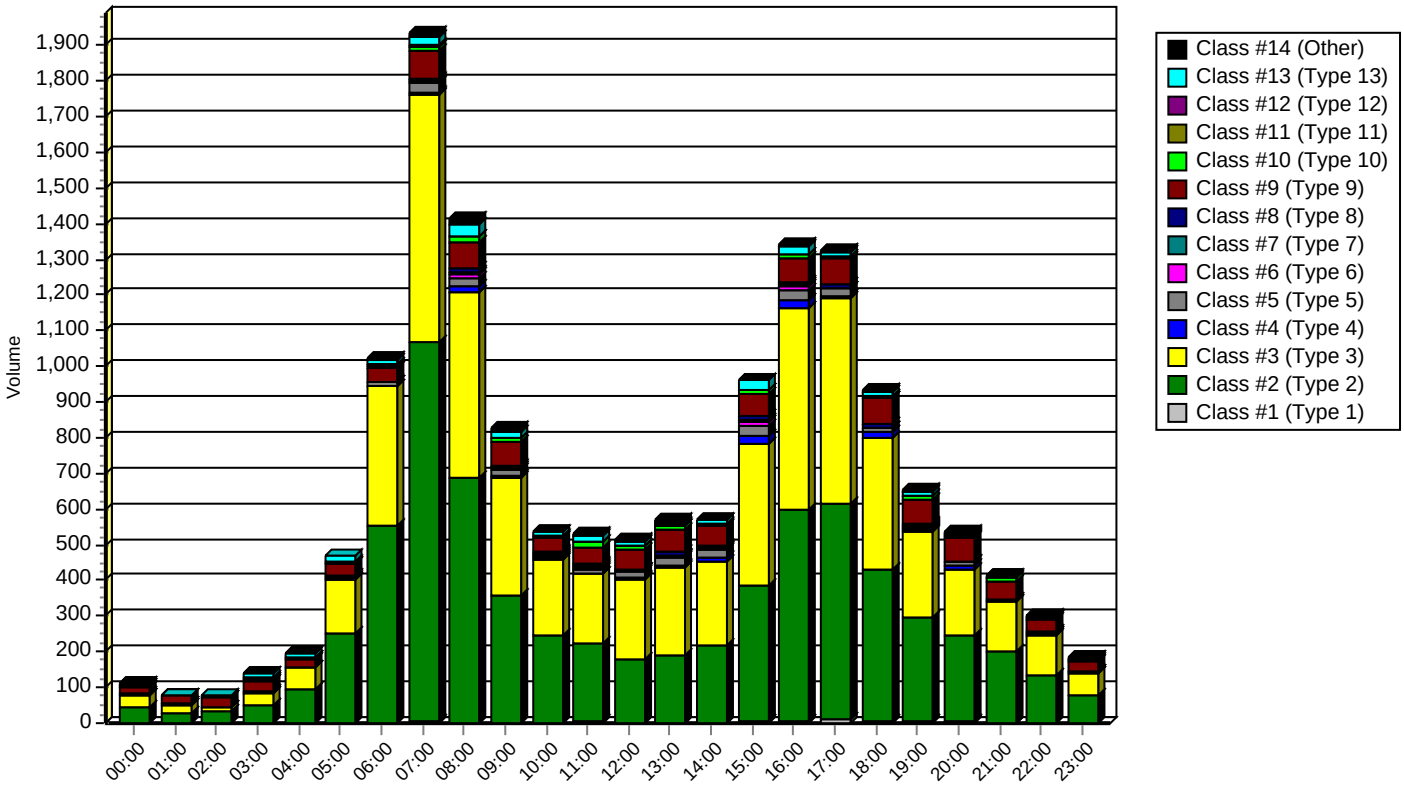
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	52	7164	5995	149	280	96	18	115	1197	162	9	22	295	103	15657
		52	7164	5995	149	280	96	18	115	1197	162	9	22	295	103	15657
Percents :	#1.	0%	46%	38%	1%	2%	1%	0%	1%	8%	1%	0%	0%	2%	1%	100%
		0%	46%	38%	1%	2%	1%	0%	1%	8%	1%	0%	0%	2%	1%	
Average :	#1.	0	42	35	1	2	1	0	1	7	1	0	0	2	1	93
		0	42	35	1	2	1	0	1	7	1	0	0	2	1	93
Days & ADT :	#1.	1.7	8893													
		1.7	8893													

2D3331456 Axle Class Charts For Data From: 15:15 - 04/11/2011 To: 09:44 - 04/13/2011

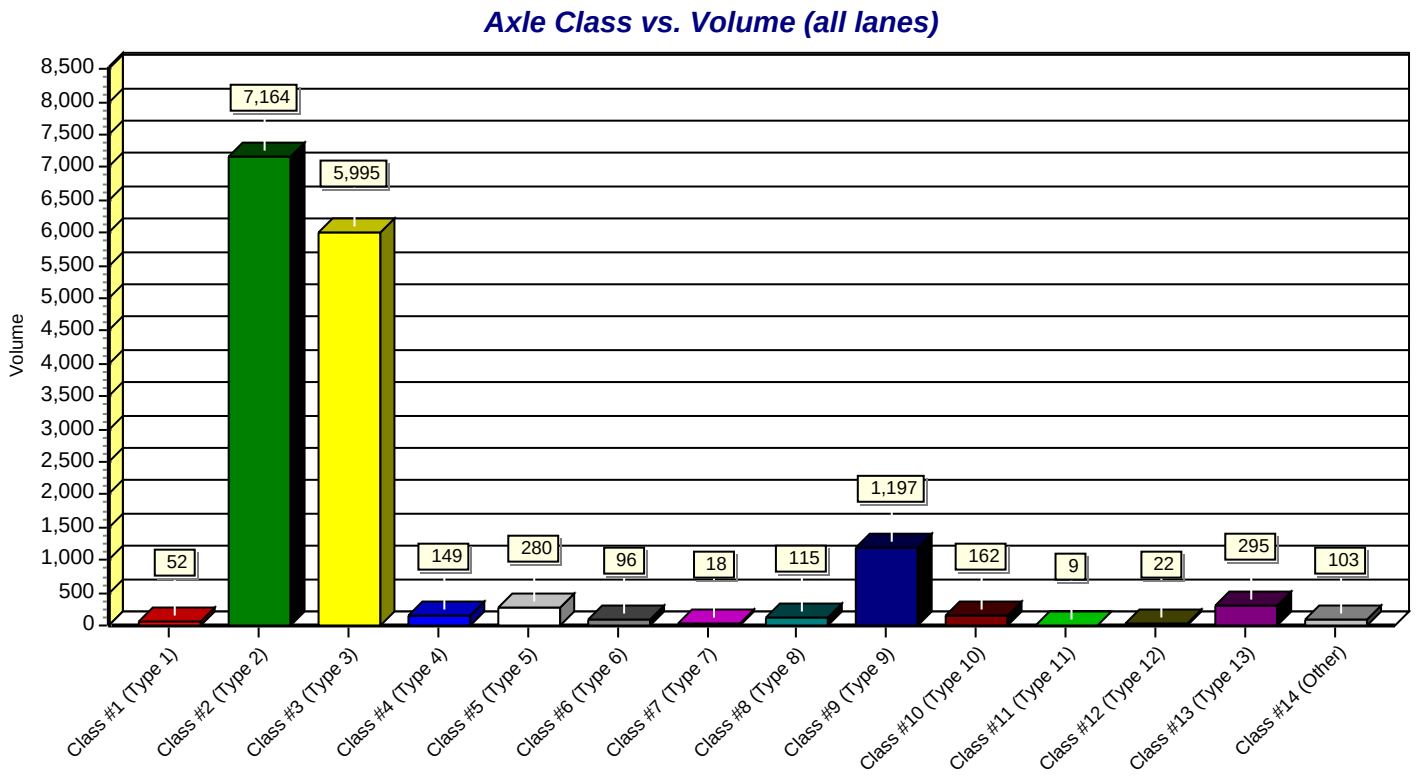
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D3331456 Axle Class Charts For Data From: 15:15 - 04/11/2011 To: 09:44 - 04/13/2011



Basic Speed Classification Report: 2D3331456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 15:15 - 04/11/2011 To: 09:44 - 04/13/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	15:15	0	0	0	0	0	0	0	1	13	30	21	10	1	2	2	0	80
Mon	15:30	0	0	0	0	0	0	0	0	12	41	58	19	5	1	0	0	136
	15:45	0	0	0	0	0	0	0	1	16	48	90	25	4	0	0	0	184
	16:00	1	0	0	0	0	0	1	3	21	49	63	13	2	1	0	0	154
	16:15	0	0	0	0	0	0	0	1	7	40	85	19	9	0	0	0	161
	16:30	0	0	0	0	0	0	0	0	6	60	75	24	4	0	0	0	169
	16:45	0	0	0	0	0	0	0	1	3	42	82	28	3	1	0	0	160
	17:00	0	0	0	0	0	0	0	0	13	43	84	24	1	0	0	0	165
	17:15	0	0	0	0	0	0	0	4	6	38	83	33	5	1	0	0	170
	17:30	0	0	0	0	0	0	0	0	9	45	74	24	5	0	1	0	158
	17:45	0	0	0	0	0	0	1	1	9	48	66	22	3	0	0	0	150
	18:00	0	0	0	0	0	0	0	0	5	25	59	30	7	2	0	0	128
	18:15	0	0	0	0	0	0	0	0	3	20	62	35	10	0	0	0	130
	18:30	0	0	0	0	0	0	0	0	2	25	62	17	4	1	0	0	111
	18:45	0	0	0	0	0	0	0	0	5	22	39	13	7	1	1	0	88
	19:00	0	0	0	0	0	0	1	1	0	16	44	22	8	5	1	0	98
	19:15	0	0	0	0	0	0	0	0	0	12	42	14	2	4	0	0	74
	19:30	0	0	0	0	0	0	0	1	0	27	33	16	5	1	0	0	83
	19:45	0	0	0	0	0	0	0	0	3	15	37	13	7	2	1	0	78
	20:00	0	0	0	0	0	0	0	0	1	12	26	18	3	3	0	0	63
	20:15	0	0	0	0	0	0	0	1	8	18	28	15	4	3	0	0	77
	20:30	0	0	0	0	0	0	0	1	2	18	24	11	2	0	0	0	58
	20:45	0	0	0	0	0	0	0	2	2	27	33	7	2	0	0	0	73
	21:00	0	0	0	0	0	0	0	5	7	18	15	8	3	0	0	0	56
	21:15	0	0	0	0	0	0	0	0	1	30	23	10	2	1	0	0	67
	21:30	0	0	0	0	0	0	0	1	4	14	25	8	0	0	0	0	52
	21:45	0	0	0	0	0	0	0	0	1	5	18	4	1	0	0	0	29
	22:00	0	0	0	0	0	0	0	0	4	14	15	3	1	0	0	0	37
	22:15	0	0	0	0	0	0	0	0	2	6	23	2	0	0	0	0	33
	22:30	0	0	0	0	0	0	0	0	3	5	17	6	0	0	0	0	31
	22:45	0	0	0	0	0	0	0	1	2	12	14	5	1	1	0	0	36
	23:00	0	0	0	0	0	0	0	1	3	3	14	4	0	0	0	0	25
	23:15	0	0	0	0	0	0	0	0	1	7	5	0	0	0	0	0	13
	23:30	0	0	0	0	0	0	0	0	3	7	15	3	0	0	0	0	28
	23:45	0	0	0	0	0	0	0	0	1	2	6	2	0	0	0	0	11
Daily Total :		1	0	0	0	0	0	3	26	178	844	1460	507	111	30	6	0	3166
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	6%	27%	46%	16%	4%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	5	24	42	14	3	1	0	0	93

Speeds - Average: 66.8 50% : 66.9 67% : 68.7 85% : 71.9 10mph Pace: 60.1 - 70.0 (72.8%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	3	7	10	2	0	0	0	0	22
Tue	00:15	0	0	0	0	0	0	0	0	2	2	5	0	0	0	0	0	9
	00:30	0	0	0	0	0	0	0	1	2	4	5	3	0	0	0	0	15
	00:45	0	0	0	0	0	0	0	1	2	2	4	0	0	0	0	0	9
	01:00	0	0	0	0	0	0	0	0	0	8	6	0	1	0	0	0	15
	01:15	0	0	0	0	0	0	0	0	0	2	3	0	2	1	0	0	8
	01:30	0	0	0	0	0	0	0	0	0	3	4	2	1	0	1	0	11
	01:45	0	0	0	0	0	0	0	0	1	3	3	0	0	0	0	0	7
	02:00	0	0	0	0	0	0	0	0	3	5	1	0	0	0	0	0	9
	02:15	0	0	0	0	0	0	0	0	1	7	2	0	0	0	0	0	10
	02:30	0	0	0	0	0	0	0	1	0	0	6	3	0	0	0	0	10
	02:45	0	0	0	0	0	0	0	1	0	4	4	0	0	0	0	0	9
	03:00	0	0	0	0	0	0	0	0	1	6	5	2	0	0	0	0	14
	03:15	0	0	0	0	0	0	0	0	0	5	1	1	0	0	0	0	7
	03:30	0	0	0	0	0	0	0	0	1	7	9	1	1	0	0	0	19
	03:45	0	0	0	0	0	0	0	1	0	4	9	1	0	0	0	0	15
	04:00	0	0	0	0	0	0	0	0	1	5	5	2	1	0	0	0	14
	04:15	0	0	0	0	0	0	0	0	2	7	7	1	0	0	0	0	17
	04:30	0	0	0	0	0	0	0	1	1	8	13	5	3	0	1	0	32
	04:45	0	0	0	0	0	0	0	1	4	8	17	3	1	0	0	0	34
	05:00	0	0	0	0	0	0	2	1	0	5	19	3	3	1	0	0	34
	05:15	0	0	0	0	0	0	0	1	4	11	23	7	1	0	0	0	47
	05:30	0	0	0	0	0	0	0	1	3	26	36	13	0	0	0	0	79
	05:45	0	0	0	0	1	0	0	0	4	17	36	16	1	0	0	0	75
	06:00	0	0	0	0	0	0	0	0	2	19	42	15	1	0	0	0	79
	06:15	0	0	0	0	0	0	0	1	4	17	54	15	3	0	0	0	94
	06:30	0	0	0	0	0	0	0	0	3	40	82	34	3	0	0	0	162
	06:45	0	0	0	0	0	0	0	1	5	28	88	31	6	1	0	0	160
	07:00	1	0	0	0	0	0	0	1	6	55	87	29	5	2	0	0	186
	07:15	0	0	0	0	0	0	0	3	11	53	115	36	10	0	0	0	228
	07:30	0	0	0	0	0	0	0	2	12	73	119	49	3	0	0	0	258
	07:45	0	0	0	0	0	0	0	3	4	83	149	63	5	0	0	0	307
	08:00	0	0	0	0	0	0	0	0	21	36	71	40	2	0	0	0	170
	08:15	0	0	0	0	0	0	4	10	11	46	79	26	0	0	0	0	176
	08:30	0	0	0	0	0	0	0	11	24	68	62	19	3	0	0	0	187
	08:45	0	0	1	0	0	0	0	1	9	48	64	15	4	1	0	0	143
	09:00	0	0	0	0	0	0	0	1	13	44	61	24	0	0	0	0	143
	09:15	0	0	0	0	2	0	0	0	11	48	45	13	1	0	0	0	120
	09:30	0	0	0	0	0	0	0	3	12	36	68	15	1	3	0	0	138
	09:45	0	0	0	0	0	0	0	3	10	43	66	13	5	0	0	0	140
	10:00	0	0	0	0	0	0	0	0	17	57	59	17	1	0	0	0	151
	10:15	0	0	0	0	0	0	0	2	15	52	40	16	0	0	0	0	125
	10:30	0	0	0	0	0	1	0	2	15	42	46	13	2	2	0	0	123
	10:45	0	0	0	0	0	0	0	4	18	39	55	17	4	0	1	0	138
	11:00	0	0	0	0	0	0	0	1	11	24	72	24	2	0	0	0	134
	11:15	0	0	0	0	0	0	1	0	7	56	60	17	3	3	0	0	147
	11:30	0	0	0	0	0	0	0	0	15	31	52	18	2	0	0	0	118
	11:45	0	0	0	0	0	0	0	0	7	24	66	29	5	1	0	0	132
	12:00	0	0	0	0	0	0	0	0	1	12	44	39	16	2	0	0	114
	12:15	0	0	0	0	0	0	0	3	5	14	52	44	6	2	0	0	126

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	1	2	13	61	33	8	3	1	0	122
Tue	12:45	0	0	0	0	0	0	0	1	4	25	72	38	11	1	0	0	152
	13:00	1	0	0	0	0	0	0	3	9	21	53	33	4	1	0	0	125
	13:15	0	0	0	0	0	0	0	1	2	29	55	43	11	4	0	0	145
	13:30	0	0	0	0	0	0	0	1	5	18	68	52	13	1	2	0	160
	13:45	1	0	0	0	0	0	0	1	12	18	62	34	8	2	0	0	138
	14:00	0	0	0	0	0	0	0	0	2	22	51	43	10	2	0	0	130
	14:15	0	0	0	0	0	0	0	0	4	15	71	49	7	1	0	0	147
	14:30	0	0	0	0	0	1	0	1	4	22	64	35	13	3	0	0	143
	14:45	0	0	0	0	0	0	0	0	7	24	60	52	8	2	0	0	153
	15:00	0	0	0	0	0	0	0	0	6	27	42	41	10	1	0	0	127
	15:15	0	0	0	0	1	0	1	2	4	19	62	27	11	0	1	0	128
	15:30	0	0	0	0	0	0	4	0	5	23	74	50	8	3	0	0	167
	15:45	0	0	0	0	0	0	0	2	5	25	56	39	14	0	1	0	142
	16:00	0	0	0	0	0	0	0	2	12	22	74	48	12	3	0	0	173
	16:15	0	0	0	0	0	0	0	0	9	25	87	39	7	1	1	0	169
	16:30	0	0	0	0	0	0	0	0	2	18	83	57	18	3	0	0	181
	16:45	0	0	0	0	0	1	1	0	1	26	74	56	16	2	0	0	177
	17:00	0	0	0	0	0	0	0	0	1	16	71	61	25	2	0	0	176
	17:15	0	0	0	0	0	0	1	0	1	24	62	72	22	1	0	0	183
	17:30	0	0	0	0	0	0	0	0	2	14	66	64	19	2	0	0	167
	17:45	0	0	0	0	0	0	0	1	5	11	56	59	20	2	1	0	155
	18:00	0	0	0	0	0	0	0	0	1	3	39	59	14	10	1	0	127
	18:15	0	0	0	0	0	0	0	0	1	6	41	58	18	3	0	0	127
	18:30	0	0	0	0	0	0	0	0	0	11	53	47	7	2	0	0	120
	18:45	0	0	0	0	0	0	0	0	0	2	26	47	20	5	1	0	101
	19:00	0	0	0	0	0	0	0	0	1	7	29	27	9	4	0	0	77
	19:15	0	0	0	0	0	0	0	1	1	6	35	28	12	0	2	0	85
	19:30	0	0	0	0	0	0	0	1	0	8	28	27	9	0	0	0	73
	19:45	0	0	0	0	0	0	0	0	1	4	36	32	11	2	0	0	86
	20:00	0	0	0	0	0	0	0	0	1	5	29	31	4	1	0	0	71
	20:15	0	0	0	0	0	0	1	1	4	4	23	28	5	1	0	0	67
	20:30	0	0	0	0	0	0	0	0	2	8	20	18	7	1	1	0	57
	20:45	0	0	0	0	0	0	0	0	1	4	30	25	7	2	0	0	69
	21:00	0	0	0	0	0	0	0	0	5	9	17	26	3	1	1	0	62
	21:15	0	0	0	0	0	0	0	0	2	4	26	21	3	0	0	0	56
	21:30	0	0	0	0	0	0	0	0	2	6	25	13	6	0	0	0	52
	21:45	0	0	0	0	0	0	0	0	0	0	17	18	5	2	0	0	42
	22:00	0	0	0	0	0	0	0	0	2	4	8	20	6	0	0	0	40
	22:15	0	0	0	0	0	0	0	0	3	7	17	18	2	1	0	0	48
	22:30	0	0	0	0	0	0	0	0	0	4	9	13	8	3	0	0	37
	22:45	0	0	0	0	0	0	0	0	0	3	3	23	8	2	0	0	39
	23:00	0	0	0	0	0	0	0	0	0	6	13	10	0	0	1	0	30
	23:15	0	0	0	0	0	0	0	0	1	5	5	10	1	0	0	0	22
	23:30	0	0	0	0	0	0	0	0	2	2	7	8	6	0	0	0	25
	23:45	0	0	0	0	0	0	0	0	1	6	11	10	3	0	0	0	31

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	0	1	0	4	3	15	81	439	1825	4002	2378	557	99	17	0	9424
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	5%	19%	42%	25%	6%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	5	19	42	25	6	1	0	0	90

Speeds - Average: 67.9 50% : 68.0 67% : 70.0 85% : 73.5 10mph Pace: 65.0 - 74.9 (67.7%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	2	6	6	2	0	1	0	17
Wed	00:15	0	0	0	0	0	0	0	0	0	2	12	4	2	0	0	0	20
	00:30	0	0	0	0	0	0	0	1	1	2	6	2	0	0	0	0	12
	00:45	0	0	0	0	0	0	0	0	0	3	4	3	0	0	0	0	10
	01:00	0	0	0	0	0	0	0	1	0	0	7	0	2	0	0	0	10
	01:15	0	0	0	0	0	0	0	0	0	1	3	1	0	0	1	0	6
	01:30	0	0	0	0	0	0	0	0	1	1	6	6	2	0	0	0	16
	01:45	0	0	0	0	0	0	0	0	0	2	1	3	1	1	0	0	8
	02:00	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	8
	02:15	0	0	0	0	0	0	0	0	0	3	6	2	1	1	0	0	13
	02:30	0	0	0	0	0	0	0	0	1	0	2	6	1	0	0	0	10
	02:45	0	0	0	0	0	0	0	0	0	1	6	1	0	0	0	0	8
	03:00	0	0	0	0	0	0	0	0	0	5	9	1	0	0	0	0	15
	03:15	0	0	0	0	0	0	0	0	0	4	10	5	1	0	0	0	20
	03:30	0	0	0	0	0	0	0	1	0	3	12	6	2	0	0	0	24
	03:45	0	0	0	0	0	0	0	0	2	4	12	8	1	0	0	0	27
	04:00	0	0	0	0	0	0	0	0	1	2	7	3	0	0	0	0	13
	04:15	0	0	0	0	0	0	0	0	0	2	12	6	2	0	0	0	22
	04:30	0	0	0	0	0	0	1	0	2	6	14	8	2	0	2	0	35
	04:45	0	0	0	0	0	0	0	0	1	4	10	6	5	1	2	0	29
	05:00	0	0	0	0	0	0	1	0	0	3	17	8	5	1	0	0	35
	05:15	0	0	0	0	0	0	0	0	0	11	19	14	1	2	0	0	47
	05:30	0	0	0	0	0	0	0	1	1	10	26	27	8	2	0	0	75
	05:45	0	0	0	0	0	0	0	0	2	13	29	23	3	3	2	0	75
	06:00	0	0	0	0	0	0	0	1	0	4	38	28	6	1	0	0	78
	06:15	0	0	0	0	0	0	0	1	0	7	52	43	10	0	1	0	114
	06:30	0	0	0	0	0	0	0	1	0	12	83	55	11	2	0	0	164
	06:45	0	0	0	0	0	0	0	0	5	21	69	64	14	0	0	0	173
	07:00	0	0	0	0	0	0	0	0	2	19	63	74	21	1	0	0	180
	07:15	0	0	0	0	1	0	0	3	8	33	107	61	10	2	0	0	225
	07:30	0	0	0	0	0	0	0	0	5	30	137	96	8	4	0	0	280
	07:45	0	0	0	0	0	0	0	0	1	34	109	98	26	3	0	0	271
	08:00	0	0	0	0	0	0	0	0	16	38	58	49	10	5	0	0	176
	08:15	0	0	0	0	0	0	0	3	6	38	71	54	11	3	0	0	186
	08:30	0	0	0	0	0	0	2	6	28	46	65	17	3	2	1	0	170
	08:45	0	0	3	5	6	24	59	34	17	14	31	12	2	0	0	0	207
	09:00	0	1	3	8	22	33	62	35	17	8	7	0	1	0	0	0	197
	09:15	2	0	3	5	14	19	30	17	0	1	0	0	0	0	0	0	91
Daily Total :		2	1	9	18	43	76	155	105	117	393	1130	800	174	34	10	0	3067
	Percent :	0%	0%	0%	1%	1%	2%	5%	3%	4%	13%	37%	26%	6%	1%	0%	0%	
	Average :	0	0	0	0	1	2	4	3	3	10	30	21	5	1	0	0	99

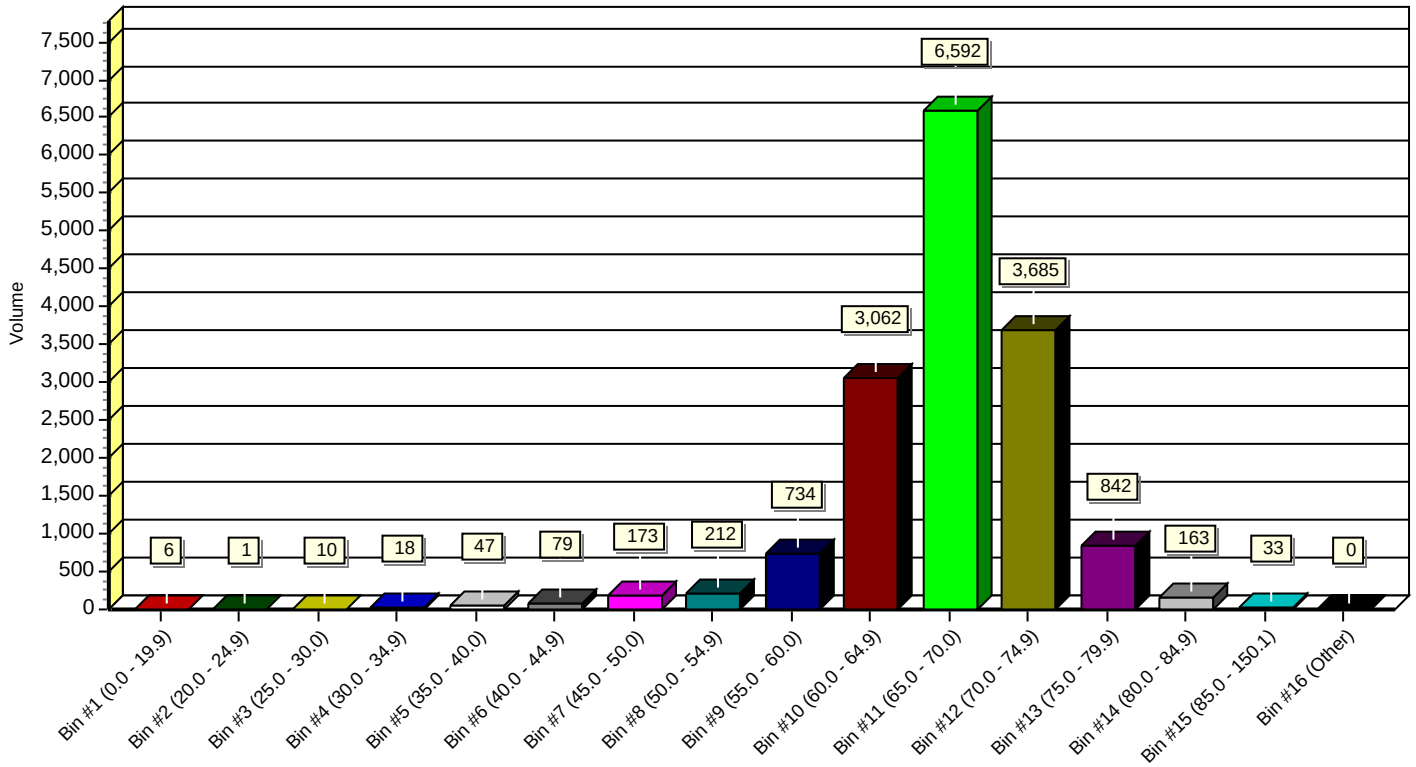
Speeds - Average: 65.7 50% : 67.7 67% : 70.2 85% : 73.5 10mph Pace: 65.0 - 74.9 (62.9%)

Basic Speed Class Summary: 2D3331456

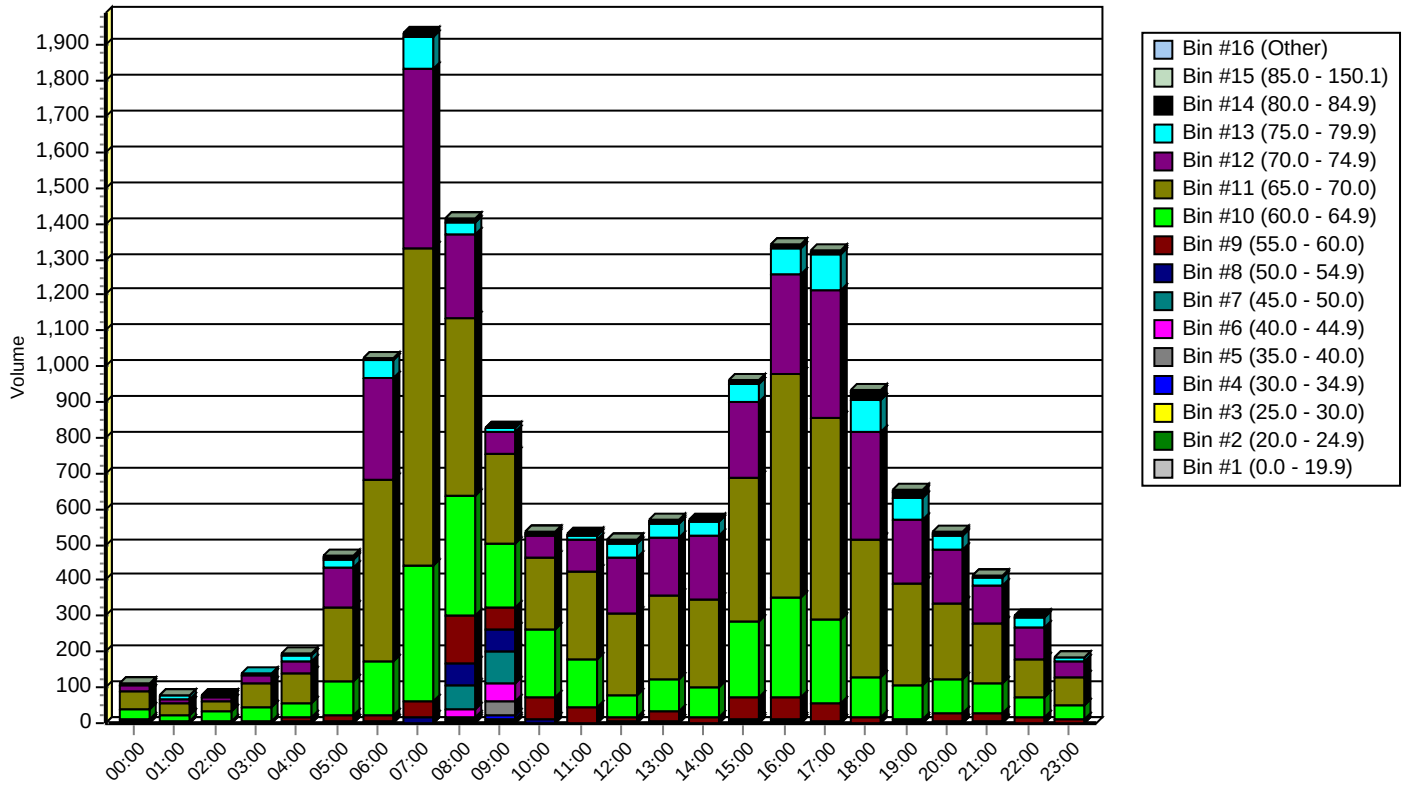
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	6	1	10	18	47	79	173	212	734	3062	6592	3685	842	163	33	0	15657
		6	1	10	18	47	79	173	212	734	3062	6592	3685	842	163	33	0	15657
Percents :	#1.	0%	0%	0%	0%	0%	1%	1%	1%	5%	20%	42%	24%	5%	1%	0%	0%	100%
		0%	0%	0%	0%	0%	1%	1%	1%	5%	20%	42%	24%	5%	1%	0%	0%	
Average :	#1.	0	0	0	0	0	0	1	1	4	18	39	22	5	1	0	0	91
		0	0	0	0	0	0	1	1	4	18	39	22	5	1	0	0	91
Days & ADT :	#1.	1.7	8893															
		1.7	8893															
Avg,50,67,85%:	#1.	67.2	67.7	69.7	73.3	65.0	- 74.9	66%										
		67.2	67.7	69.7	73.3	65.0	- 74.9	66%										

2D3331456 Speed Class Charts For Data From: 15:15 - 04/11/2011 To: 09:44 - 04/13/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P3331456

Station ID : 2P3331456
Info Line 1 : EB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 2P3331456.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 98229
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 15:15 - 04/11/2011 To: 09:44 - 04/13/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	15:15	0	32	13	1	1	0	0	0	4	0	0	0	2	0	53
Mon	15:30	0	23	14	0	0	0	0	0	3	0	0	0	1	0	41
	15:45	0	21	16	0	0	0	0	0	1	0	0	0	0	0	38
	16:00	0	38	15	0	0	0	0	0	0	0	0	0	1	0	54
	16:15	0	21	8	0	0	0	0	0	0	0	0	0	0	1	30
	16:30	0	29	16	0	0	0	0	1	2	0	0	0	0	0	48
	16:45	1	19	10	0	1	0	0	1	0	0	0	0	1	0	33
	17:00	0	30	21	0	1	0	1	0	1	0	0	0	0	0	54
	17:15	0	26	20	0	0	0	0	0	1	0	0	0	0	0	47
	17:30	0	23	17	0	0	0	0	0	0	0	0	0	1	1	42
	17:45	2	26	13	0	0	0	0	1	2	0	0	0	0	0	44
	18:00	0	12	6	0	0	0	0	1	2	0	0	0	0	0	21
	18:15	1	21	8	0	1	0	0	0	0	0	0	0	0	0	31
	18:30	0	6	11	0	0	0	0	0	0	0	0	0	0	0	17
	18:45	0	6	4	0	0	0	0	0	1	0	0	0	0	0	11
	19:00	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
	19:15	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
	19:30	0	13	7	0	0	0	0	0	0	0	0	0	1	1	22
	19:45	0	7	6	0	0	0	0	0	0	0	0	0	0	0	13
	20:00	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	20:15	0	6	2	0	0	0	0	0	2	0	0	0	0	0	10
	20:30	0	4	1	0	0	0	0	0	1	0	0	0	0	0	6
	20:45	0	4	5	0	0	0	0	0	0	0	0	0	0	0	9
	21:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	21:15	0	7	4	0	0	0	0	0	1	0	0	0	0	0	12
	21:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	21:45	0	2	0	0	0	0	0	0	0	0	0	0	1	0	3
	22:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	22:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	22:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	23:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		4	409	235	1	4	0	1	4	22	0	0	0	8	3	691
Percent :		1%	59%	34%	0%	1%	0%	0%	1%	3%	0%	0%	0%	1%	0%	
Average :		0	12	7	0	0	0	0	0	1	0	0	0	0	0	20

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	04:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	3	1	0	0	0	0	0	1	0	0	0	0	0	5
	05:15	0	2	2	0	0	0	0	0	1	0	0	0	0	0	5
	05:30	0	9	4	0	0	0	0	0	1	0	0	0	0	0	14
	05:45	0	8	7	0	0	0	0	0	1	0	0	0	0	0	16
	06:00	0	6	5	0	0	0	0	0	0	0	0	1	0	0	12
	06:15	0	18	12	0	0	0	0	0	0	0	0	0	0	0	30
	06:30	0	39	27	0	0	0	0	0	0	0	0	0	0	0	66
	06:45	0	47	13	0	0	1	0	0	0	0	0	0	0	0	61
	07:00	0	50	14	0	0	0	0	2	0	0	0	0	0	1	67
	07:15	0	53	20	0	0	0	0	1	1	0	0	0	0	2	77
	07:30	0	63	43	0	0	0	0	2	0	0	0	0	2	3	113
	07:45	1	90	29	0	1	0	0	1	1	0	0	0	0	2	125
	08:00	0	35	20	0	0	0	0	1	1	0	0	0	1	1	59
	08:15	0	48	22	1	1	0	0	0	1	1	0	0	0	2	76
	08:30	1	34	20	0	1	0	0	0	0	0	0	0	1	1	58
	08:45	0	31	18	1	0	0	0	1	0	0	0	0	0	0	51
	09:00	0	19	6	0	1	0	0	0	0	0	0	0	0	0	26
	09:15	0	17	18	0	0	0	0	1	2	0	0	0	0	0	38
	09:30	0	24	14	0	0	0	0	0	2	0	0	0	0	2	42
	09:45	0	27	16	0	1	0	0	4	2	0	0	0	1	0	51
	10:00	0	20	13	0	2	0	0	0	1	1	0	0	1	0	38
	10:15	0	30	13	0	0	0	0	0	2	1	0	0	0	0	46
	10:30	0	17	18	0	1	2	0	0	1	0	0	0	0	0	39
	10:45	0	23	17	0	0	0	0	0	1	0	0	0	0	1	42
	11:00	0	15	11	0	0	0	0	0	2	0	0	0	0	0	28
	11:15	0	22	22	0	0	0	0	0	0	0	0	0	0	0	44
	11:30	0	17	11	0	0	0	0	1	0	0	0	0	0	0	29
	11:45	0	24	14	0	0	0	0	0	1	0	0	0	1	0	40
	12:00	0	10	20	0	0	0	0	0	0	0	0	0	0	0	30
	12:15	0	21	20	0	2	0	0	0	0	0	0	0	0	0	43

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	15	21	0	1	0	0	0	2	0	0	0	0	0	39
Tue	12:45	0	18	20	1	2	0	1	1	1	0	0	0	0	0	44
	13:00	1	19	19	0	3	0	0	0	1	0	1	0	1	0	45
	13:15	0	14	13	0	0	0	0	0	1	0	0	0	1	0	29
	13:30	0	14	14	0	0	0	0	2	1	2	0	0	1	0	34
	13:45	0	14	21	0	1	1	0	1	1	0	0	0	1	0	40
	14:00	0	18	13	0	1	1	0	1	1	0	0	1	1	0	37
	14:15	0	18	10	0	0	0	0	1	4	0	0	0	0	0	33
	14:30	0	17	20	2	2	1	0	1	3	0	0	0	0	1	47
	14:45	0	19	30	0	0	1	0	0	3	0	0	0	0	0	53
	15:00	0	12	22	0	1	1	0	1	2	1	0	0	0	1	41
	15:15	0	24	10	0	1	1	0	0	2	0	0	0	0	0	38
	15:30	0	20	15	0	0	0	0	0	3	0	0	0	1	0	39
	15:45	0	28	20	0	1	0	0	1	1	0	0	0	1	0	52
	16:00	1	28	25	0	0	0	0	1	0	0	0	0	1	0	56
	16:15	0	23	24	0	0	1	0	0	5	0	0	0	0	0	53
	16:30	0	24	27	1	0	0	0	1	4	2	0	0	0	0	59
	16:45	0	30	22	0	2	0	0	0	0	0	1	0	0	0	55
	17:00	1	22	28	0	0	0	0	0	1	2	0	0	0	0	54
	17:15	0	19	34	0	2	0	0	1	3	0	0	0	0	0	59
	17:30	0	25	26	0	0	0	0	0	2	0	0	0	0	0	53
	17:45	0	27	29	0	0	0	0	1	3	0	0	0	0	1	61
	18:00	0	8	11	0	1	0	0	0	1	0	0	0	0	0	21
	18:15	0	9	14	0	1	0	0	0	1	0	0	0	1	0	26
	18:30	0	19	13	0	2	0	0	0	2	0	0	0	0	0	36
	18:45	0	12	7	0	0	0	0	0	1	0	0	0	0	0	20
	19:00	0	12	10	0	0	0	0	0	1	0	0	0	0	0	23
	19:15	0	8	12	1	0	0	0	0	1	0	0	0	0	0	22
	19:30	0	6	8	0	0	0	0	0	1	0	0	0	0	0	15
	19:45	0	4	8	0	0	0	0	1	0	0	0	0	0	0	13
	20:00	0	9	3	0	0	0	0	0	1	0	0	0	0	0	13
	20:15	0	7	6	0	0	0	0	0	0	0	0	0	0	0	13
	20:30	0	2	2	0	0	0	0	0	1	0	0	0	0	0	5
	20:45	0	4	5	0	0	0	0	0	1	0	0	0	0	0	10
	21:00	0	6	6	0	0	0	0	1	1	0	0	0	0	0	14
	21:15	1	2	1	0	0	0	0	1	0	0	0	0	0	0	5
	21:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	2	2	0	1	0	0	0	0	0	0	0	0	0	5
	22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:15	0	4	4	0	0	0	0	0	0	0	0	0	0	0	8
	22:30	0	1	3	0	0	0	0	1	0	0	0	0	0	0	5
	22:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	1	4	0	0	0	0	1	0	0	0	0	0	0	6
Daily Total :		6	1403	1063	7	32	10	1	32	81	10	2	2	16	18	2683
Percent :		0%	52%	40%	0%	1%	0%	0%	1%	3%	0%	0%	0%	1%	1%	
Average :		0	15	11	0	0	0	0	0	1	0	0	0	0	0	27

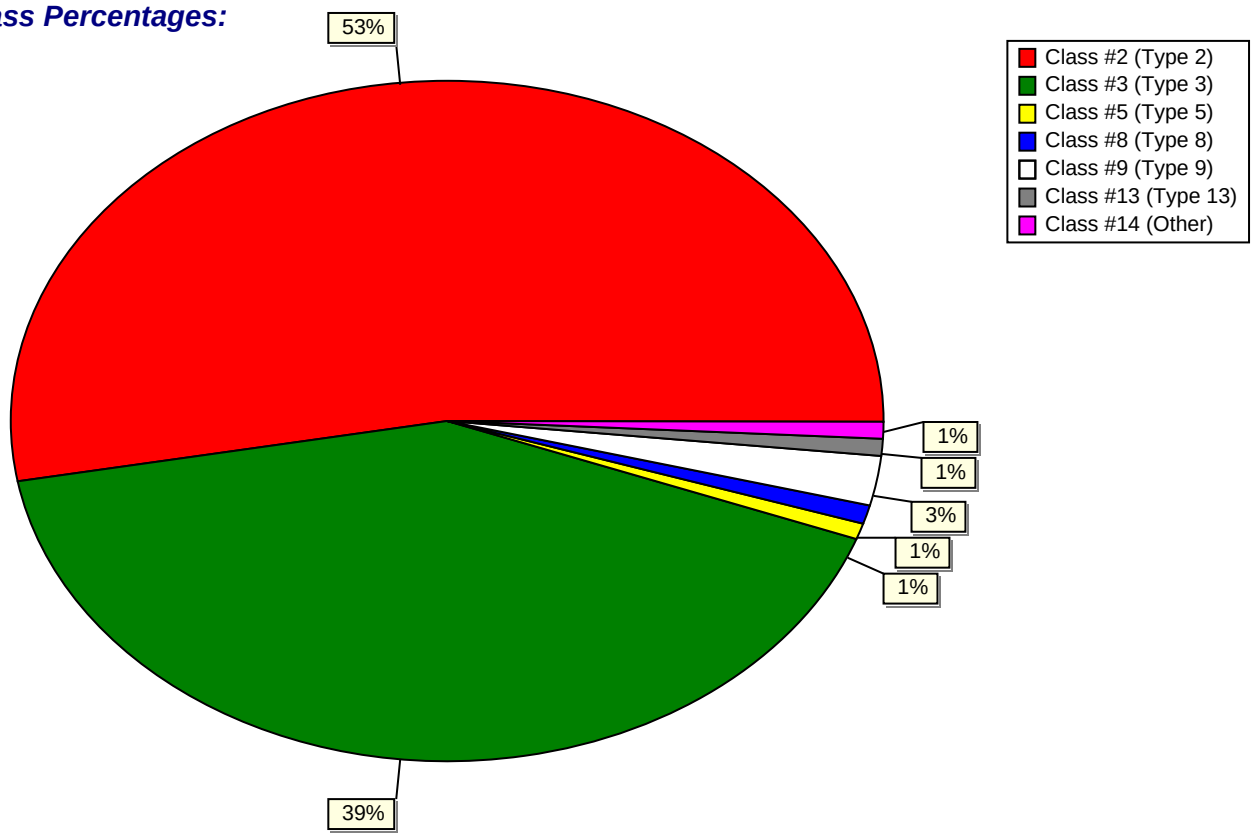
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	00:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	03:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	05:30	0	9	8	0	2	0	0	1	1	0	0	0	0	0	21
	05:45	1	6	6	0	0	0	0	0	0	0	0	0	0	1	14
	06:00	0	9	5	0	0	0	0	0	0	0	0	0	0	0	14
	06:15	0	20	8	0	0	0	0	0	1	0	0	0	0	1	30
	06:30	0	39	33	0	1	0	0	0	0	0	0	0	0	1	74
	06:45	0	31	25	0	1	0	0	0	1	0	0	0	0	1	59
	07:00	0	27	21	0	0	0	0	0	2	0	0	0	0	1	51
	07:15	0	55	41	1	2	0	0	0	1	0	0	0	1	0	101
	07:30	0	66	50	0	3	0	0	0	3	1	0	0	1	0	124
	07:45	1	63	51	0	0	0	0	1	2	0	0	0	2	2	122
	08:00	1	34	39	0	1	0	0	0	2	0	0	0	0	0	77
	08:15	0	23	15	1	1	0	0	1	2	0	0	0	0	0	43
	08:30	0	33	23	0	0	0	0	1	3	0	0	0	0	1	61
	08:45	0	5	15	0	0	0	0	0	0	0	0	0	3	0	23
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Daily Total :		3	428	356	2	11	0	0	4	22	1	0	0	7	8	842
	Percent :	0%	51%	42%	0%	1%	0%	0%	0%	3%	0%	0%	0%	1%	1%	
	Average :	0	11	9	0	0	0	0	0	1	0	0	0	0	0	21

Basic Axle Class Summary: 2P3331456

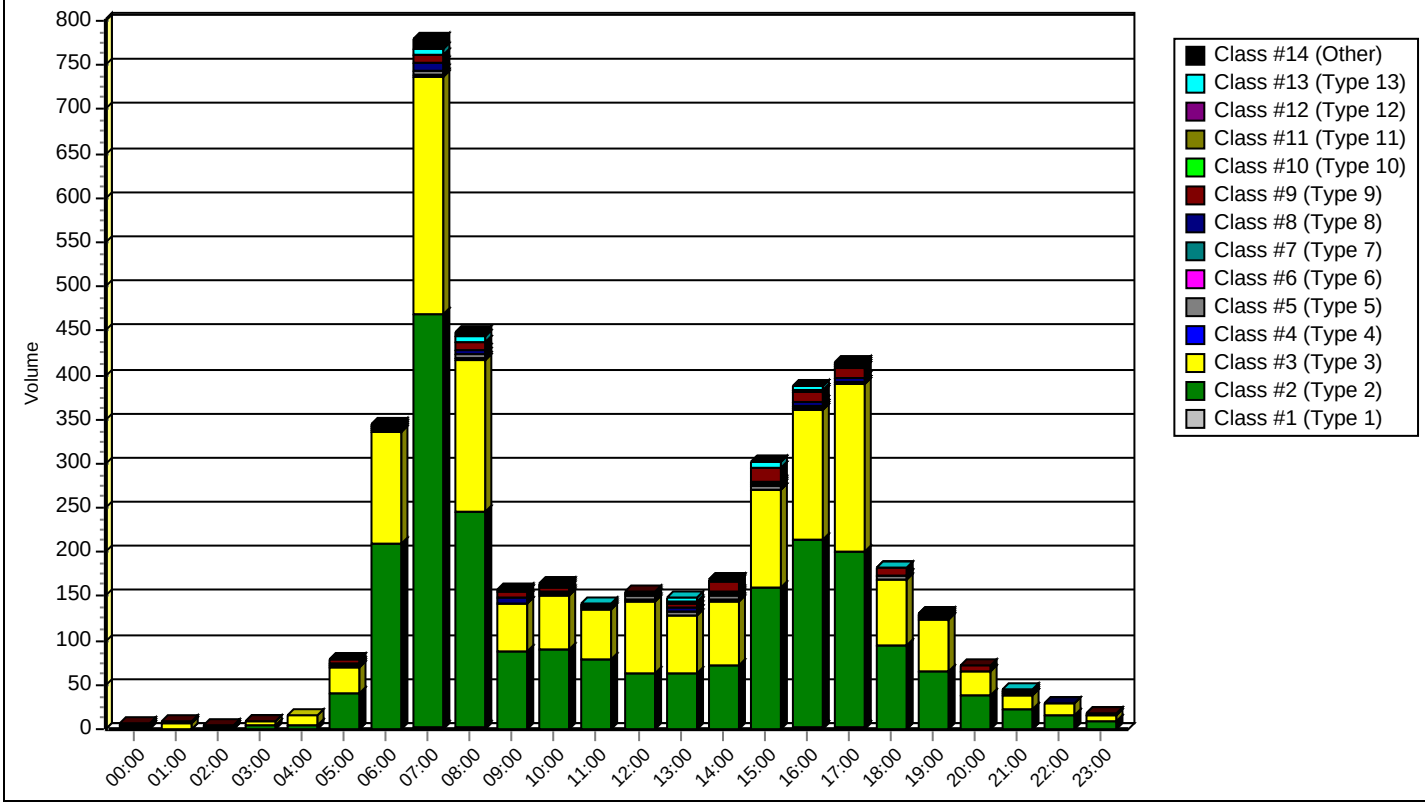
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	13	2240	1654	10	47	10	2	40	125	11	2	2	31	29	4216
		13	2240	1654	10	47	10	2	40	125	11	2	2	31	29	4216
Percents :	#1.	0%	53%	39%	0%	1%	0%	0%	1%	3%	0%	0%	0%	1%	1%	100%
		0%	53%	39%	0%	1%	0%	0%	1%	3%	0%	0%	0%	1%	1%	
Average :	#1.	0	13	10	0	0	0	0	0	1	0	0	0	0	0	24
		0	13	10	0	0	0	0	0	1	0	0	0	0	0	24
Days & ADT :	#1.	1.7	2394													
		1.7	2394													

2P3331456 Axle Class Charts For Data From: 15:15 - 04/11/2011 To: 09:44 - 04/13/2011

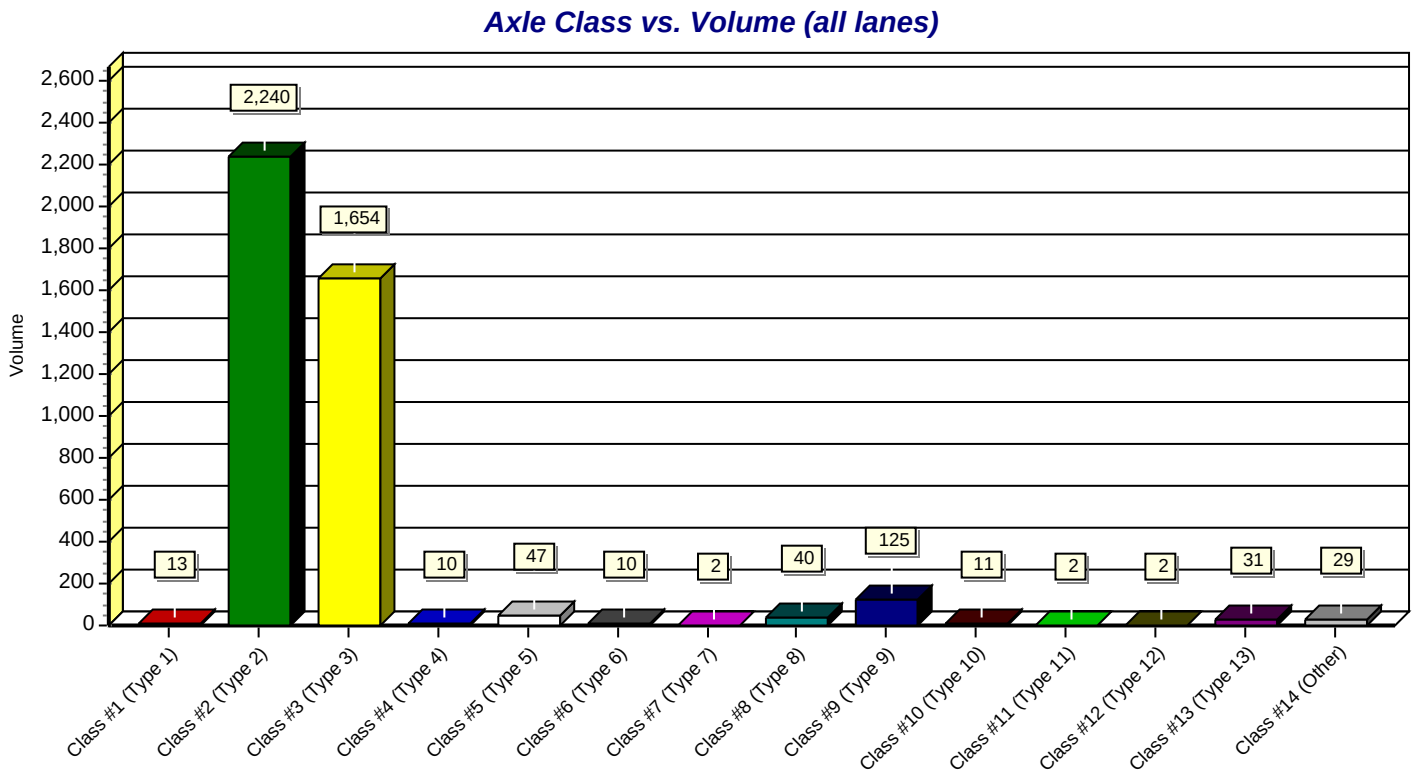
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P3331456 Axle Class Charts For Data From: 15:15 - 04/11/2011 To: 09:44 - 04/13/2011



Basic Speed Classification Report: 2P3331456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 15:15 - 04/11/2011 To: 09:44 - 04/13/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	15:15	0	0	0	0	0	0	0	3	9	17	20	3	1	0	0	0	53
Mon	15:30	0	0	0	0	0	0	0	0	0	15	15	8	3	0	0	0	41
	15:45	0	0	0	0	0	0	0	0	0	7	14	9	7	1	0	0	38
	16:00	0	0	0	0	0	0	0	0	0	5	34	13	2	0	0	0	54
	16:15	0	0	0	0	0	0	0	0	0	1	14	13	2	0	0	0	30
	16:30	0	0	0	0	0	0	0	0	1	7	22	15	1	1	1	0	48
	16:45	0	0	0	0	0	0	0	0	0	4	18	9	2	0	0	0	33
	17:00	0	0	0	0	0	0	0	0	0	9	30	12	3	0	0	0	54
	17:15	0	0	0	0	0	0	0	0	0	3	23	18	3	0	0	0	47
	17:30	0	0	0	0	0	0	0	0	0	3	17	18	4	0	0	0	42
	17:45	0	0	0	0	0	0	0	0	1	2	22	16	2	1	0	0	44
	18:00	0	0	0	0	0	0	0	0	0	1	10	6	4	0	0	0	21
	18:15	0	0	0	0	0	0	0	0	0	0	10	13	6	2	0	0	31
	18:30	0	0	0	0	0	0	0	0	0	1	10	3	3	0	0	0	17
	18:45	0	0	0	0	0	0	0	0	0	1	5	2	2	1	0	0	11
	19:00	0	0	0	0	0	0	0	0	0	0	2	3	3	1	1	0	10
	19:15	0	0	0	0	0	0	0	0	0	1	6	3	3	0	0	0	13
	19:30	0	0	0	0	0	0	0	0	0	3	10	6	3	0	0	0	22
	19:45	0	0	0	0	0	0	0	0	0	2	1	6	3	0	1	0	13
	20:00	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	6
	20:15	0	0	0	0	0	0	0	0	0	2	5	3	0	0	0	0	10
	20:30	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	6
	20:45	0	0	0	0	0	0	0	0	0	0	5	4	0	0	0	0	9
	21:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	21:15	0	0	0	0	0	0	0	0	0	1	7	3	1	0	0	0	12
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	21:45	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	22:00	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
	22:30	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	22:45	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	4
	23:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Daily Total :		0	0	0	0	0	0	0	3	11	88	322	192	64	8	3	0	691
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	2%	13%	47%	28%	9%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	3	9	5	2	0	0	0	24

Speeds - Average: 69.3 50% : 68.8 67% : 71.3 85% : 74.1 10mph Pace: 65.0 - 74.9 (74.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
	04:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	0	5
	05:15	0	0	0	0	0	0	0	0	0	1	1	0	3	0	0	0	5
	05:30	0	0	0	0	0	0	0	0	0	1	8	4	0	1	0	0	14
	05:45	0	0	0	0	0	0	0	0	1	2	7	5	0	1	0	0	16
	06:00	0	0	0	0	0	0	0	0	0	1	7	1	1	2	0	0	12
	06:15	0	0	0	0	0	0	0	0	0	1	15	13	1	0	0	0	30
	06:30	0	0	0	0	0	0	0	0	0	0	24	37	5	0	0	0	66
	06:45	0	0	0	0	0	0	0	0	0	5	19	26	8	2	1	0	61
	07:00	0	0	0	0	0	0	0	0	0	2	33	27	4	1	0	0	67
	07:15	0	0	0	0	0	0	0	0	0	7	41	25	4	0	0	0	77
	07:30	0	0	0	0	0	0	0	0	2	6	48	48	8	1	0	0	113
	07:45	0	0	0	0	0	0	0	0	0	5	46	58	14	2	0	0	125
	08:00	0	0	0	0	0	0	0	0	0	3	28	24	4	0	0	0	59
	08:15	0	0	0	0	0	0	0	0	2	13	41	15	4	1	0	0	76
	08:30	1	0	0	0	0	0	0	0	3	5	36	10	2	1	0	0	58
	08:45	0	0	0	0	0	0	0	0	0	3	25	18	4	1	0	0	51
	09:00	0	0	0	0	0	0	0	0	0	10	12	4	0	0	0	0	26
	09:15	0	0	0	0	0	0	0	0	1	7	21	4	4	1	0	0	38
	09:30	0	0	0	0	0	0	0	0	0	12	16	13	1	0	0	0	42
	09:45	0	0	0	0	0	0	0	0	1	11	27	11	0	1	0	0	51
	10:00	0	1	0	0	0	0	0	0	1	8	18	9	1	0	0	0	38
	10:15	0	0	0	0	0	0	0	0	0	3	26	12	5	0	0	0	46
	10:30	0	0	0	0	0	0	0	0	0	4	14	16	5	0	0	0	39
	10:45	0	0	0	0	0	0	0	0	2	6	19	10	3	2	0	0	42
	11:00	0	0	0	0	0	0	0	0	0	1	18	6	1	2	0	0	28
	11:15	0	0	0	0	0	0	0	0	0	1	20	18	5	0	0	0	44
	11:30	0	0	0	0	0	0	0	0	1	5	17	3	3	0	0	0	29
	11:45	0	0	0	0	0	0	0	0	1	2	8	15	11	3	0	0	40
	12:00	0	0	0	0	0	0	0	0	0	1	4	15	8	2	0	0	30
	12:15	0	0	0	0	0	0	0	0	0	1	9	19	11	3	0	0	43

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	0	7	21	7	4	0	0	39
Tue	12:45	0	0	0	0	0	0	0	1	0	0	7	27	7	2	0	0	44
	13:00	0	0	0	0	0	0	2	0	1	5	11	22	4	0	0	0	45
	13:15	0	0	0	0	0	0	0	0	0	0	13	6	9	1	0	0	29
	13:30	0	0	0	0	0	0	0	0	0	1	14	7	8	3	1	0	34
	13:45	0	0	0	0	0	0	0	0	0	3	15	11	10	1	0	0	40
	14:00	0	0	0	0	0	0	0	0	0	0	14	14	8	1	0	0	37
	14:15	0	0	0	0	0	0	0	0	0	0	8	11	9	5	0	0	33
	14:30	0	0	0	0	0	0	0	0	1	3	15	16	9	2	1	0	47
	14:45	0	0	0	0	0	0	0	0	0	0	12	24	15	2	0	0	53
	15:00	0	0	0	0	0	0	0	0	0	0	13	18	8	2	0	0	41
	15:15	0	0	0	0	0	0	1	0	0	1	8	20	6	1	1	0	38
	15:30	0	0	0	0	0	0	0	0	1	5	13	13	7	0	0	0	39
	15:45	0	0	0	0	0	0	0	0	0	3	13	21	7	8	0	0	52
	16:00	1	0	0	0	0	0	0	0	0	2	18	20	11	4	0	0	56
	16:15	0	0	0	0	0	0	0	0	0	0	19	19	9	6	0	0	53
	16:30	0	0	0	0	0	0	0	0	0	1	10	32	8	8	0	0	59
	16:45	0	0	0	0	0	0	0	0	0	0	6	27	19	1	2	0	55
	17:00	0	0	0	0	0	0	0	0	2	3	9	24	10	6	0	0	54
	17:15	0	0	0	0	0	0	0	0	2	0	10	23	21	2	1	0	59
	17:30	0	0	0	0	0	0	0	0	0	0	5	27	17	3	1	0	53
	17:45	0	0	0	0	0	0	0	0	0	0	19	24	11	5	2	0	61
	18:00	0	0	0	0	0	0	0	0	0	0	2	13	5	1	0	0	21
	18:15	0	0	0	0	0	0	0	0	0	0	3	15	4	3	1	0	26
	18:30	0	0	0	0	0	0	0	0	0	1	5	14	10	5	1	0	36
	18:45	0	0	0	0	0	0	0	0	0	0	2	6	9	3	0	0	20
	19:00	0	0	0	0	0	0	0	0	0	0	3	7	7	5	1	0	23
	19:15	0	0	0	0	0	0	0	0	0	1	4	11	3	2	1	0	22
	19:30	0	0	0	0	0	0	0	0	0	0	0	7	6	2	0	0	15
	19:45	0	0	0	0	0	0	0	0	0	0	1	4	6	2	0	0	13
	20:00	0	0	0	0	0	0	0	0	0	0	2	6	2	2	1	0	13
	20:15	0	0	0	0	0	0	0	0	0	0	2	9	1	1	0	0	13
	20:30	0	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	5
	20:45	0	0	0	0	0	0	0	0	0	0	4	3	3	0	0	0	10
	21:00	0	0	0	0	0	0	0	0	0	1	2	7	3	1	0	0	14
	21:15	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	5
	21:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	21:45	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	5
	22:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	22:15	0	0	0	0	0	0	0	0	0	0	2	3	3	0	0	0	8
	22:30	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	5
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	6

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	1	0	0	0	0	3	2	22	159	915	1024	415	123	17	0	2683
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	34%	38%	15%	5%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	2	10	11	4	1	0	0	19

Speeds - Average: 71.5 50% : 71.3 67% : 73.4 85% : 77.0 10mph Pace: 65.0 - 74.9 (72.3%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	03:30	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	3	1	0	1	0	0	5
	04:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	05:30	0	0	0	0	0	0	0	0	0	0	1	9	7	4	0	0	21
	05:45	0	0	0	0	0	0	0	0	0	0	2	4	3	3	2	0	14
	06:00	0	0	0	0	0	0	0	0	0	0	2	9	2	0	1	0	14
	06:15	0	0	0	0	0	0	0	0	0	0	3	18	7	1	1	0	30
	06:30	0	0	0	0	0	0	0	0	0	0	9	35	22	6	2	0	74
	06:45	0	0	0	0	0	0	0	1	0	4	7	20	23	2	2	0	59
	07:00	0	0	0	0	0	0	0	0	0	0	5	30	14	2	0	0	51
	07:15	0	0	0	0	0	0	0	0	0	2	23	45	28	3	0	0	101
	07:30	0	0	0	0	0	0	0	0	0	0	22	62	29	11	0	0	124
	07:45	0	0	0	0	0	0	0	0	0	0	18	60	32	10	2	0	122
	08:00	0	0	0	0	0	0	0	0	0	4	20	31	16	5	1	0	77
	08:15	0	0	0	0	0	0	0	0	0	1	10	19	11	2	0	0	43
	08:30	0	0	0	0	0	0	0	0	0	4	23	20	12	2	0	0	61
	08:45	2	0	0	0	0	0	1	0	1	1	7	8	3	0	0	0	23
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		3	0	0	0	0	0	1	1	1	16	163	380	212	53	12	0	842
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	19%	45%	25%	6%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	4	10	6	1	0	0	28

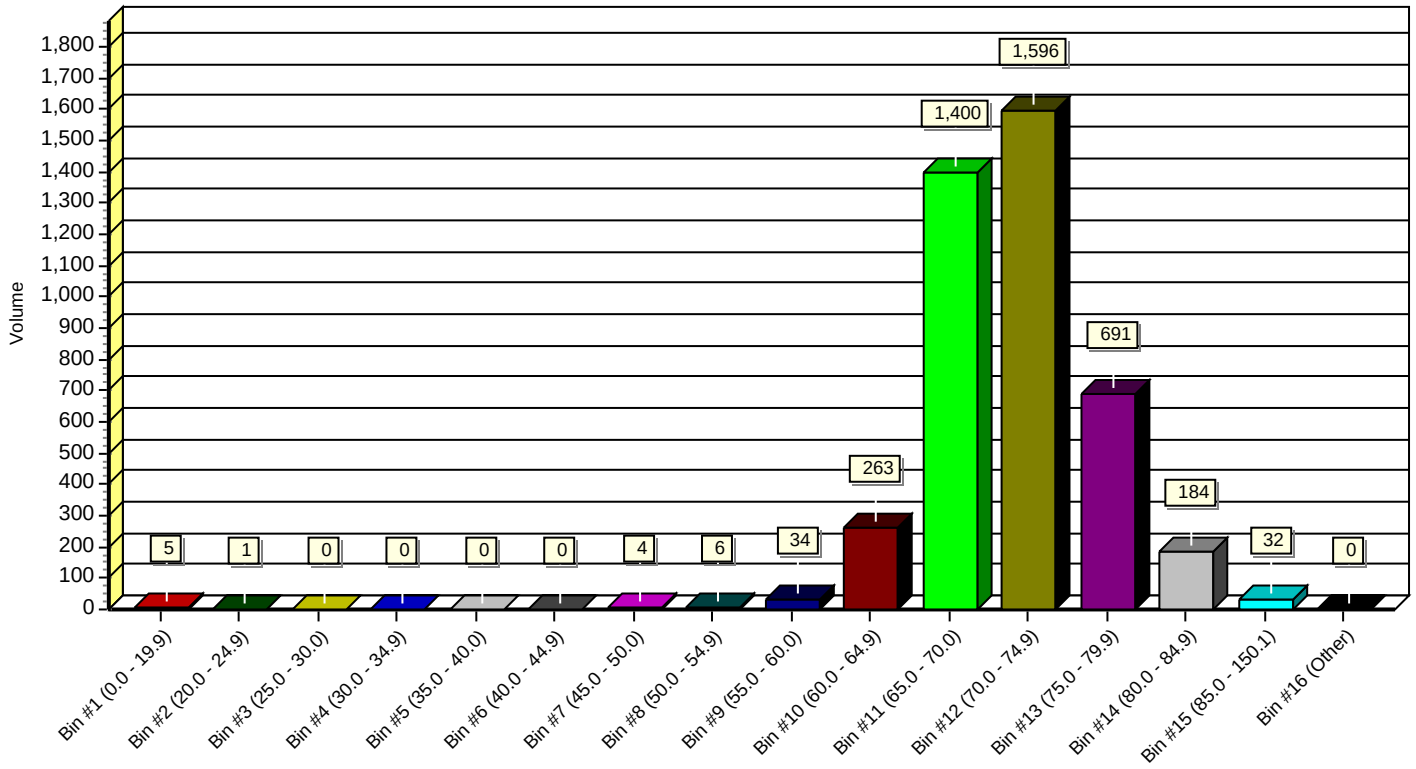
Speeds - Average: 73.6 50% : 73.1 67% : 75.0 85% : 78.5 10mph Pace: 70.0 - 79.9 (70.5%)

Basic Speed Class Summary: 2P3331456

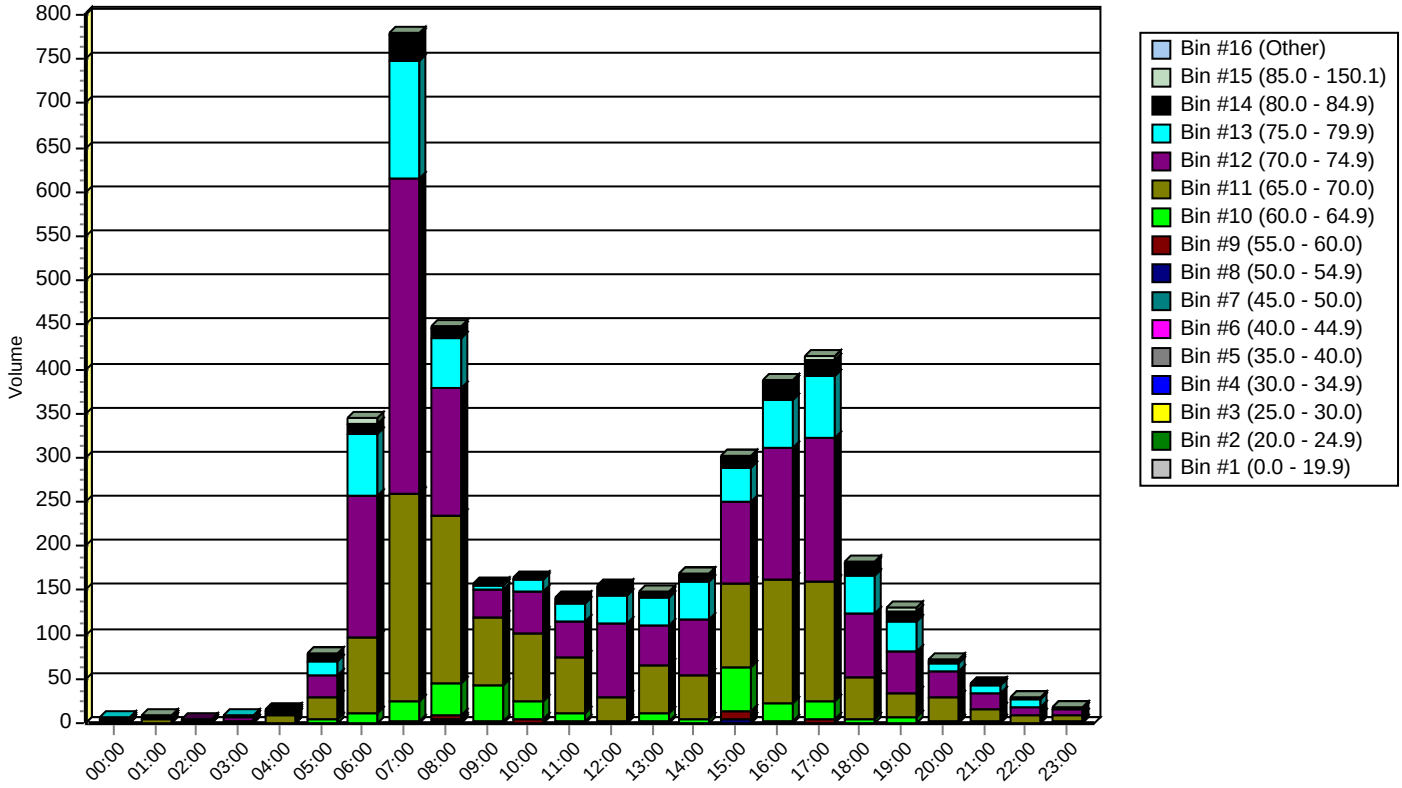
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	5	1	0	0	0	0	4	6	34	263	1400	1596	691	184	32	0	4216
		5	1	0	0	0	0	4	6	34	263	1400	1596	691	184	32	0	4216
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	33%	38%	16%	4%	1%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	33%	38%	16%	4%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	2	8	9	4	1	0	0	24
		0	0	0	0	0	0	0	0	0	2	8	9	4	1	0	0	24
Days & ADT :	#1.	1.7	2394															
		1.7	2394															
Avg,50,67,85%:	#1.	71.5	71.3	73.5	77.1	65.0	- 74.9	71%										
		71.5	71.3	73.5	77.1	65.0	- 74.9	71%										

2P3331456 Speed Class Charts For Data From: 15:15 - 04/11/2011 To: 09:44 - 04/13/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D3331456

Station ID : 4D3331456
Info Line 1 : WB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 4D3331456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11455
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 15:30 - 04/11/2011 To: 09:44 - 04/13/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	15:30	1	103	51	0	2	0	0	3	6	0	0	1	3	1	171
Mon	15:45	0	93	54	1	0	1	0	3	7	0	2	0	0	0	161
	16:00	0	124	68	0	1	1	0	1	8	0	0	0	4	0	207
	16:15	4	108	45	1	2	2	0	1	11	2	0	0	1	0	177
	16:30	1	131	66	2	1	1	0	0	5	1	0	0	0	0	208
	16:45	1	112	62	1	1	0	0	0	12	0	0	0	1	1	191
	17:00	1	133	79	0	1	2	0	4	6	0	0	0	0	2	228
	17:15	3	169	66	0	2	3	0	3	5	0	0	0	0	3	254
	17:30	0	148	74	0	0	0	0	1	9	0	0	0	1	2	235
	17:45	0	109	56	0	1	5	0	1	4	3	0	0	1	0	180
	18:00	2	100	42	0	0	0	0	0	4	0	0	0	2	1	151
	18:15	2	97	33	1	0	0	0	3	5	0	0	1	0	0	142
	18:30	1	69	40	1	0	0	0	1	3	0	1	0	0	0	116
	18:45	2	64	34	0	1	0	0	1	8	0	0	0	0	0	110
	19:00	4	72	27	0	1	0	0	0	7	0	0	0	1	0	112
	19:15	0	57	29	0	2	0	0	1	4	0	0	1	2	0	96
	19:30	1	71	26	0	1	0	0	0	8	0	0	0	1	0	108
	19:45	0	58	28	0	2	0	0	0	1	0	0	0	4	0	93
	20:00	0	49	33	0	0	0	0	1	6	0	1	0	1	0	91
	20:15	0	51	21	0	0	0	0	1	7	1	0	2	0	0	83
	20:30	0	55	15	1	1	0	0	2	3	0	1	1	1	1	81
	20:45	1	50	9	0	1	0	0	0	0	0	1	4	3	0	69
	21:00	0	42	28	1	0	0	0	1	1	1	0	2	2	0	78
	21:15	0	54	17	0	1	0	0	1	6	0	0	1	2	0	82
	21:30	0	39	12	0	0	0	0	0	4	0	0	1	0	1	57
	21:45	0	35	10	1	1	0	0	2	3	0	1	3	1	0	57
	22:00	0	22	5	0	0	0	0	2	4	0	0	0	1	0	34
	22:15	1	27	8	1	0	0	0	1	3	1	0	0	0	1	43
	22:30	0	32	6	0	0	0	0	0	2	0	1	1	0	0	42
	22:45	0	15	9	0	0	0	0	0	1	0	0	0	1	0	26
	23:00	1	15	6	0	0	0	0	1	2	0	0	0	2	0	27
	23:15	0	23	5	0	1	0	0	0	1	0	0	0	1	0	31
	23:30	0	23	5	1	0	0	0	0	2	1	0	0	0	0	32
	23:45	0	13	6	0	0	0	1	1	2	0	0	0	1	0	24

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
Daily Total :		26	2363	1075	12	23	15	1	36	160	10	8	18	37	13	3797
Percent :		1%	62%	28%	0%	1%	0%	0%	1%	4%	0%	0%	0%	1%	0%	
Average :		1	70	32	0	1	0	0	1	5	0	0	1	1	0	112

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	6	8	0	0	0	0	0	5	0	0	0	0	0	19
Tue	00:15	1	5	6	0	1	1	0	0	2	0	0	1	3	0	20
	00:30	0	13	1	0	0	0	0	0	1	1	0	0	2	0	18
	00:45	0	10	6	0	2	0	0	0	2	1	0	0	3	0	24
	01:00	0	9	2	0	1	0	0	0	4	0	0	0	0	0	16
	01:15	0	3	1	0	0	0	0	0	1	1	0	0	1	0	7
	01:30	0	5	1	0	1	0	0	1	5	0	0	0	1	0	14
	01:45	0	5	6	0	0	0	0	0	2	0	0	0	0	0	13
	02:00	0	6	3	1	0	0	0	1	3	0	0	2	2	0	18
	02:15	0	2	3	0	0	0	0	1	3	0	0	0	0	0	9
	02:30	0	4	0	1	0	0	0	0	0	0	0	1	3	0	9
	02:45	0	7	2	1	0	0	0	0	2	0	0	0	1	0	13
	03:00	0	4	0	0	0	0	0	2	1	0	0	0	0	0	7
	03:15	0	3	3	0	0	0	0	0	3	0	0	0	0	0	9
	03:30	0	5	0	0	0	0	0	0	1	0	0	0	1	0	7
	03:45	0	5	1	1	0	0	0	0	1	0	0	0	1	0	9
	04:00	0	10	6	0	0	0	0	0	2	0	0	0	2	0	20
	04:15	0	6	4	0	0	0	0	1	0	0	0	0	1	1	13
	04:30	0	8	9	2	1	0	0	0	6	0	0	0	2	0	28
	04:45	0	5	7	4	0	0	0	1	3	0	0	0	0	0	20
	05:00	0	17	7	1	1	0	0	1	0	0	0	0	2	0	29
	05:15	0	15	19	1	0	0	0	0	4	0	0	0	2	0	41
	05:30	0	24	15	2	1	2	0	1	0	0	0	0	5	0	50
	05:45	0	32	16	0	0	0	0	1	3	1	0	0	1	0	54
	06:00	0	28	23	1	0	1	0	0	5	0	0	0	2	0	60
	06:15	0	39	30	2	0	0	1	0	6	0	0	0	1	0	79
	06:30	0	53	56	1	1	0	0	0	5	1	0	0	1	0	118
	06:45	0	55	41	2	8	2	0	3	6	2	0	0	1	2	122
	07:00	0	61	41	2	5	1	0	2	7	0	0	0	2	2	123
	07:15	1	73	52	3	2	0	0	2	7	0	0	0	0	0	140
	07:30	2	98	69	2	2	3	0	1	7	2	0	0	3	1	190
	07:45	1	124	68	3	1	2	0	2	14	6	0	0	1	2	224
	08:00	0	66	58	4	5	2	0	2	5	3	0	0	3	1	149
	08:15	1	65	52	0	2	2	0	5	14	0	0	0	3	1	145
	08:30	0	63	69	2	3	2	0	2	4	1	0	0	1	1	148
	08:45	1	63	58	1	4	1	0	0	11	3	0	0	5	2	149
	09:00	2	42	52	1	4	2	0	1	11	3	0	0	4	0	122
	09:15	0	41	34	1	3	1	0	4	16	1	0	0	3	2	106
	09:30	0	60	53	1	3	1	0	2	7	2	0	0	2	0	131
	09:45	1	54	47	1	3	2	1	2	9	1	0	0	3	0	124
	10:00	0	46	47	0	5	1	0	4	9	0	0	0	2	0	114
	10:15	0	44	45	3	1	2	1	1	5	3	0	0	1	0	106
	10:30	0	43	50	0	0	2	0	2	17	0	0	0	3	0	117
	10:45	0	50	33	0	3	5	0	0	8	3	0	0	2	0	104
	11:00	0	55	54	0	4	1	0	4	12	1	0	0	1	1	133
	11:15	0	53	53	0	3	5	0	1	11	0	0	0	1	0	127
	11:30	0	54	31	1	4	4	0	2	12	0	0	0	2	1	111
	11:45	0	64	42	0	0	4	0	3	10	1	0	0	2	1	127
	12:00	0	59	50	0	0	3	0	0	8	0	0	0	2	2	124
	12:15	1	52	47	2	6	2	0	0	4	2	0	0	0	0	116

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	61	53	0	3	3	0	4	8	1	0	0	2	1	136
Tue	12:45	0	63	43	0	2	0	0	3	12	0	0	0	6	0	129
	13:00	1	56	53	1	1	0	0	2	12	2	0	0	2	0	130
	13:15	0	59	54	1	4	3	0	5	10	1	0	0	0	0	137
	13:30	1	71	39	0	4	6	0	2	11	0	0	0	1	2	137
	13:45	2	65	55	1	3	3	0	2	8	0	0	0	3	0	142
	14:00	0	53	59	2	3	6	0	3	7	2	0	0	3	0	138
	14:15	0	69	47	1	8	1	0	2	9	0	0	0	1	1	139
	14:30	0	67	50	3	2	1	0	6	15	0	0	1	2	0	147
	14:45	0	60	47	3	3	5	0	0	7	2	0	0	1	1	129
	15:00	0	86	49	2	2	2	0	2	10	2	1	0	2	0	158
	15:15	0	80	52	2	1	1	0	2	13	1	0	0	1	0	153
	15:30	1	92	46	0	3	0	0	2	10	4	0	0	0	0	158
	15:45	0	91	60	1	2	1	0	2	9	0	0	0	0	0	166
	16:00	0	105	64	1	3	3	0	2	4	4	0	0	0	0	186
	16:15	0	115	57	1	2	1	0	1	8	1	0	0	1	0	187
	16:30	0	123	81	0	0	0	0	0	7	1	0	1	2	1	216
	16:45	1	135	65	1	0	2	1	1	12	2	0	2	2	0	224
	17:00	1	160	76	0	1	2	0	4	7	1	0	0	1	0	253
	17:15	0	166	67	0	3	1	0	2	9	1	0	0	2	0	251
	17:30	0	128	72	0	2	1	1	0	8	2	0	0	2	0	216
	17:45	0	92	63	2	3	2	0	0	6	2	0	0	2	0	172
	18:00	0	111	55	0	1	0	0	1	5	1	0	0	0	0	174
	18:15	1	62	39	0	1	0	0	3	7	0	1	0	3	0	117
	18:30	0	77	33	0	1	0	0	0	7	2	0	0	1	1	122
	18:45	0	85	54	1	1	1	0	0	5	1	0	0	0	0	148
	19:00	0	76	42	0	2	2	0	0	5	0	0	0	1	1	129
	19:15	0	61	36	0	0	0	0	1	6	1	0	0	3	0	108
	19:30	0	48	40	1	0	0	0	1	3	1	0	0	4	0	98
	19:45	0	55	40	0	2	0	0	0	4	2	1	0	4	0	108
	20:00	0	47	30	0	0	0	0	2	6	0	0	1	3	1	90
	20:15	1	68	21	3	0	0	1	2	6	1	0	0	2	0	105
	20:30	0	46	18	1	2	0	0	3	6	0	0	1	3	0	80
	20:45	1	39	33	0	1	0	0	0	5	0	2	0	5	0	86
	21:00	0	42	31	1	1	0	0	1	1	0	1	1	1	0	80
	21:15	0	50	17	0	3	0	0	0	3	1	0	0	1	0	75
	21:30	0	32	17	0	0	0	0	1	2	1	0	1	1	0	55
	21:45	0	22	7	0	0	0	0	0	1	0	1	0	2	0	33
	22:00	0	27	15	0	1	0	0	2	3	1	0	0	1	0	50
	22:15	0	19	12	1	1	0	0	0	5	0	0	0	1	0	39
	22:30	0	26	12	0	1	0	0	1	0	0	0	0	2	0	42
	22:45	0	11	7	0	3	0	0	0	2	2	0	0	4	1	30
	23:00	0	24	8	0	0	0	0	0	2	0	0	0	0	0	34
	23:15	0	22	9	0	2	0	0	0	1	0	0	0	0	0	34
	23:30	0	8	6	0	0	0	0	0	4	0	0	1	0	0	19
	23:45	0	14	4	1	1	0	0	0	1	0	0	0	1	0	22
Daily Total :		21	4783	3219	78	159	101	6	120	576	82	7	13	163	30	9358
	Percent :	0%	51%	34%	1%	2%	1%	0%	1%	6%	1%	0%	0%	2%	0%	
	Average :	0	50	34	1	2	1	0	1	6	1	0	0	2	0	98

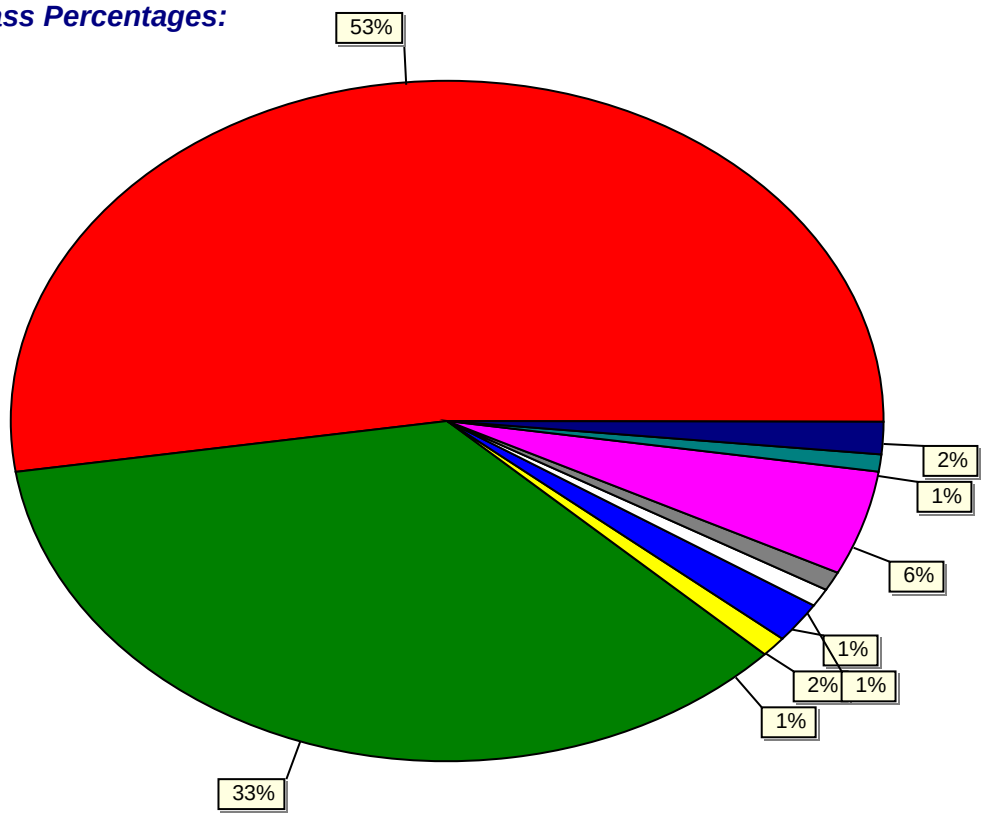
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	13	5	0	0	0	0	0	0	3	0	0	0	0	21
Wed	00:15	0	9	11	1	0	0	0	1	2	1	0	1	0	1	27
	00:30	0	8	9	0	1	0	0	1	2	1	1	1	1	0	25
	00:45	0	15	2	0	1	0	0	0	0	0	0	0	0	0	18
	01:00	0	2	4	0	0	1	0	0	1	1	0	0	1	0	10
	01:15	0	4	5	0	0	0	0	0	1	1	0	0	0	0	11
	01:30	0	5	3	0	0	0	0	0	2	0	0	0	3	0	13
	01:45	0	5	2	1	0	0	0	1	1	0	0	0	1	0	11
	02:00	0	3	3	0	0	0	0	0	5	0	0	0	1	0	12
	02:15	0	4	3	0	0	0	0	1	2	1	0	0	2	0	13
	02:30	0	1	0	0	1	0	0	0	4	0	0	0	1	0	7
	02:45	0	2	0	1	0	0	0	1	1	0	0	0	1	0	6
	03:00	0	2	0	0	0	0	0	0	0	2	0	0	1	0	5
	03:15	0	0	1	0	0	0	0	1	4	1	0	0	1	1	9
	03:30	0	2	3	0	1	0	0	2	3	0	0	0	1	1	13
	03:45	0	3	4	1	0	0	0	0	5	1	0	0	2	0	16
	04:00	0	10	7	1	0	0	0	2	2	1	0	0	1	0	24
	04:15	0	6	4	1	2	0	0	2	0	0	0	0	0	1	16
	04:30	0	15	6	1	1	0	0	0	2	0	0	0	1	0	26
	04:45	0	10	11	3	1	1	1	2	1	0	0	0	1	0	31
	05:00	1	12	8	1	1	0	0	1	4	1	0	0	1	0	30
	05:15	0	19	14	0	2	4	0	1	3	1	0	0	2	1	47
	05:30	0	23	14	2	7	0	0	3	5	0	0	0	0	0	54
	05:45	0	25	24	1	3	0	0	0	2	0	0	0	2	1	58
	06:00	0	30	27	1	4	2	0	2	3	0	0	0	4	0	73
	06:15	0	47	45	2	1	2	1	0	2	1	0	0	2	0	103
	06:30	0	58	51	2	1	2	0	1	2	0	0	0	2	0	119
	06:45	1	59	49	2	2	1	0	0	5	1	0	0	3	2	125
	07:00	1	51	56	2	6	0	0	0	5	0	0	0	3	1	125
	07:15	0	80	56	2	4	2	0	2	5	3	0	1	2	0	157
	07:30	1	86	64	2	5	2	0	3	8	2	0	0	0	0	173
	07:45	0	105	68	2	4	2	0	2	8	2	0	0	1	2	196
	08:00	0	65	45	2	3	0	0	4	8	2	0	0	4	3	136
	08:15	1	69	66	1	2	2	0	2	14	0	0	0	3	2	162
	08:30	0	63	77	5	4	1	0	1	11	4	0	1	5	1	173
	08:45	0	60	62	2	5	2	0	2	13	5	0	0	2	2	155
	09:00	2	49	58	0	2	2	0	1	10	2	0	1	4	2	133
	09:15	1	69	66	2	0	5	0	1	12	2	0	0	4	3	165
Daily Total :		8	1089	933	41	64	31	2	40	158	39	1	5	63	24	2498
	Percent :	0%	44%	37%	2%	3%	1%	0%	2%	6%	2%	0%	0%	3%	1%	
	Average :	0	29	25	1	2	1	0	1	4	1	0	0	2	1	67

Basic Axle Class Summary: 4D3331456

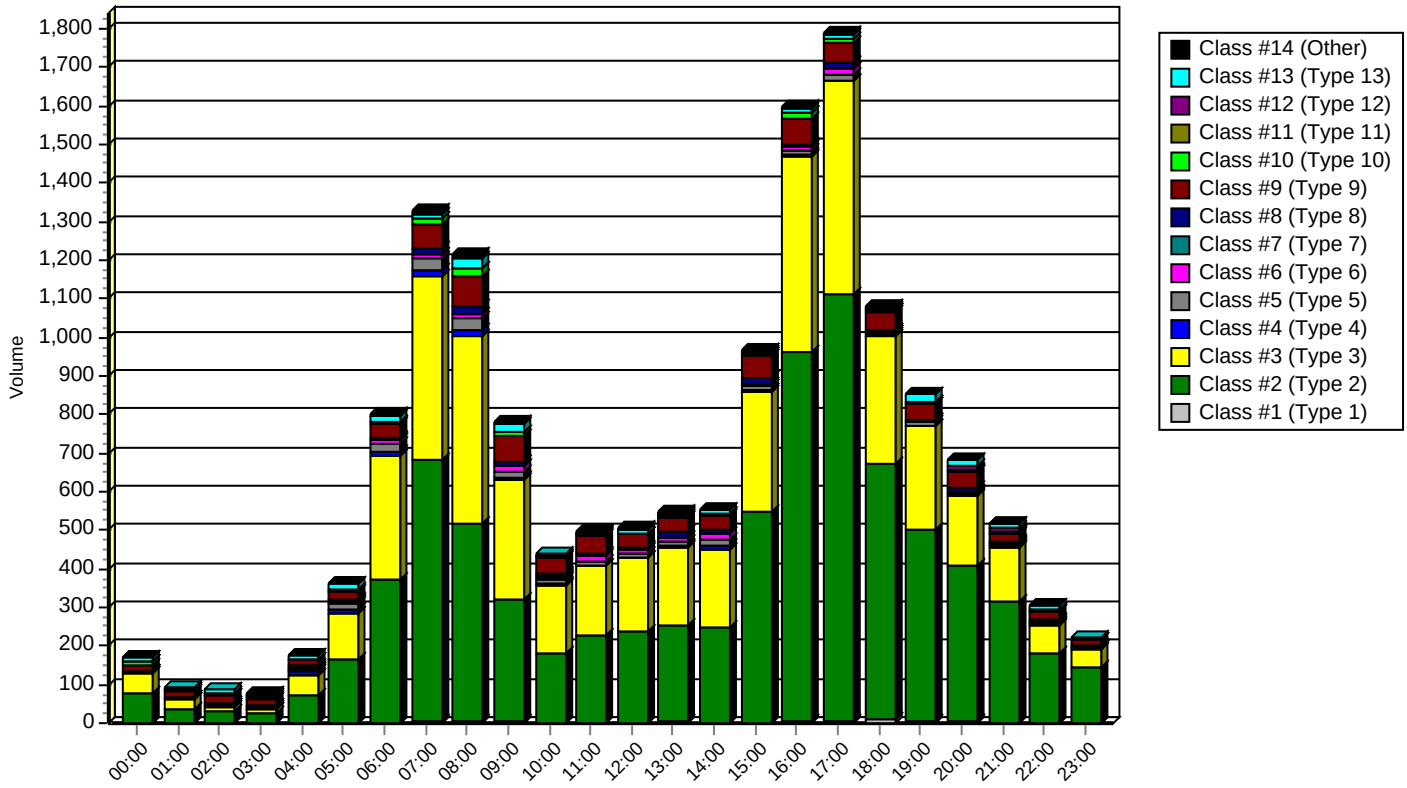
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	55	8235	5227	131	246	147	9	196	894	131	16	36	263	67	15653
		55	8235	5227	131	246	147	9	196	894	131	16	36	263	67	15653
Percents :	#1.	0%	53%	33%	1%	2%	1%	0%	1%	6%	1%	0%	0%	2%	0%	100%
		0%	53%	33%	1%	2%	1%	0%	1%	6%	1%	0%	0%	2%	0%	
Average :	#1.	0	49	31	1	1	1	0	1	5	1	0	0	2	0	92
		0	49	31	1	1	1	0	1	5	1	0	0	2	0	92
Days & ADT :	#1.	1.7	8944													
		1.7	8944													

4D3331456 Axle Class Charts For Data From: 15:30 - 04/11/2011 To: 09:44 - 04/13/2011

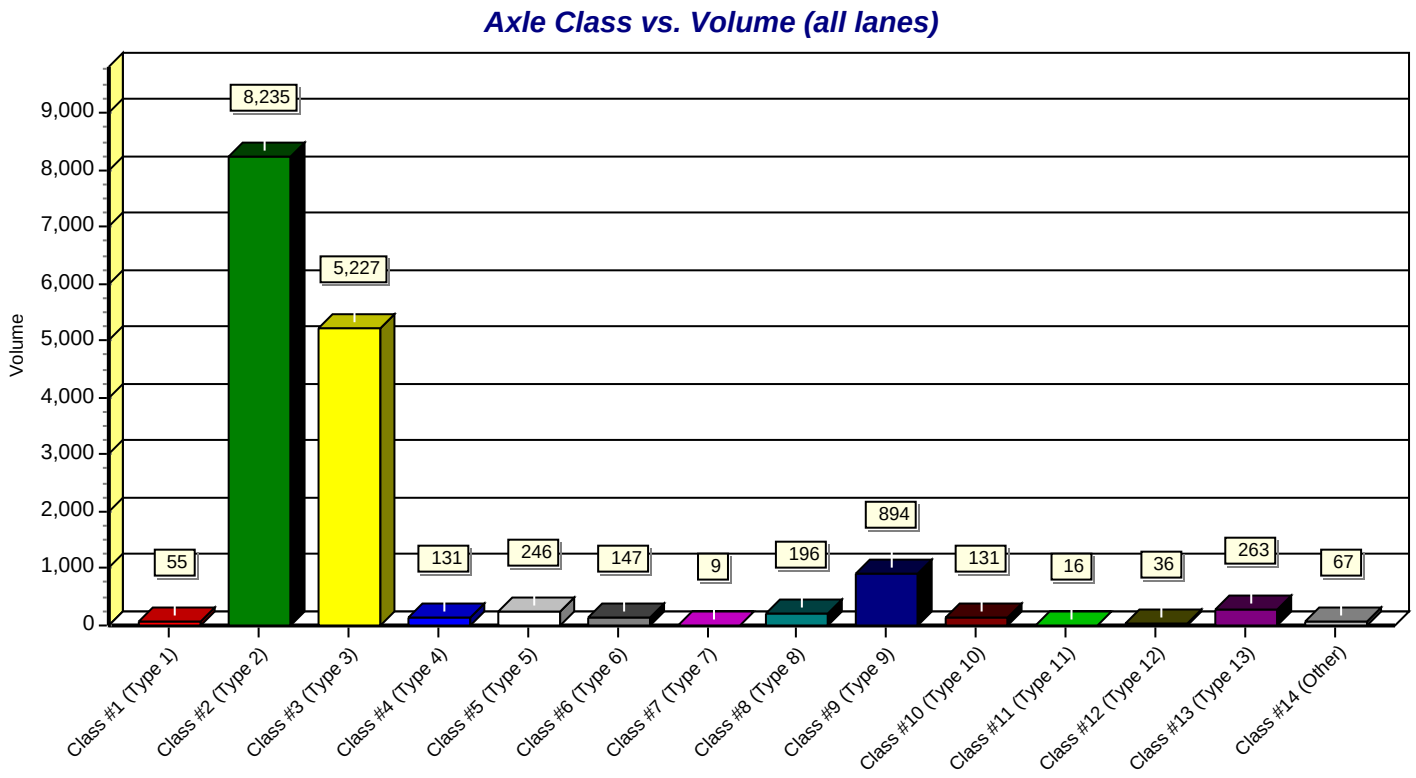
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D3331456 Axle Class Charts For Data From: 15:30 - 04/11/2011 To: 09:44 - 04/13/2011



Basic Speed Classification Report: 4D3331456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 15:30 - 04/11/2011 To: 09:44 - 04/13/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	15:30	1	0	0	0	0	0	0	0	10	73	76	8	3	0	0	0	171
Mon	15:45	0	0	0	0	0	0	1	0	9	70	73	8	0	0	0	0	161
	16:00	0	0	0	0	0	0	1	2	18	101	73	11	1	0	0	0	207
	16:15	0	0	0	0	0	0	3	6	56	96	16	0	0	0	0	0	177
	16:30	0	0	0	0	0	0	0	1	35	128	39	5	0	0	0	0	208
	16:45	1	0	0	0	0	0	0	1	27	110	46	6	0	0	0	0	191
	17:00	0	0	0	0	0	0	0	2	30	129	61	5	1	0	0	0	228
	17:15	1	0	0	0	0	0	1	1	28	148	71	4	0	0	0	0	254
	17:30	0	0	0	0	0	0	0	8	36	135	55	1	0	0	0	0	235
	17:45	0	0	0	0	0	0	2	3	34	80	49	12	0	0	0	0	180
	18:00	2	0	0	0	0	0	0	0	9	64	68	7	1	0	0	0	151
	18:15	0	0	0	0	0	0	1	0	10	57	56	18	0	0	0	0	142
	18:30	0	0	0	0	0	0	0	1	7	55	47	6	0	0	0	0	116
	18:45	0	0	0	0	0	0	2	1	5	55	44	3	0	0	0	0	110
	19:00	0	0	0	0	0	0	0	1	17	50	31	10	2	1	0	0	112
	19:15	1	0	0	0	0	0	0	0	5	60	25	5	0	0	0	0	96
	19:30	0	0	0	0	0	0	0	0	10	48	39	10	0	1	0	0	108
	19:45	0	0	0	0	0	0	0	1	10	42	34	6	0	0	0	0	93
	20:00	0	0	0	0	0	0	0	0	11	40	35	4	1	0	0	0	91
	20:15	0	0	0	0	0	0	0	4	10	44	21	4	0	0	0	0	83
	20:30	1	0	0	0	0	0	0	3	9	42	25	1	0	0	0	0	81
	20:45	0	0	0	0	0	0	0	1	8	33	24	3	0	0	0	0	69
	21:00	0	0	0	0	0	0	0	0	21	24	31	2	0	0	0	0	78
	21:15	0	0	0	0	0	0	1	2	13	40	22	4	0	0	0	0	82
	21:30	0	0	0	0	0	0	1	0	10	30	15	0	1	0	0	0	57
	21:45	0	0	0	0	0	0	0	1	9	25	19	3	0	0	0	0	57
	22:00	0	0	0	0	0	0	0	0	3	16	12	2	1	0	0	0	34
	22:15	0	0	0	0	0	0	0	1	4	25	12	1	0	0	0	0	43
	22:30	0	0	0	0	0	0	0	0	3	20	19	0	0	0	0	0	42
	22:45	0	0	0	0	0	0	0	1	2	11	12	0	0	0	0	0	26
	23:00	0	0	0	0	0	0	0	0	3	16	7	1	0	0	0	0	27
	23:15	0	0	0	0	0	0	0	0	4	10	15	1	1	0	0	0	31
	23:30	0	0	0	0	0	0	0	0	1	17	13	0	1	0	0	0	32
	23:45	0	0	0	0	0	0	0	0	6	12	6	0	0	0	0	0	24
Daily Total :		7	0	0	0	0	0	13	41	473	1906	1191	151	13	2	0	0	3797
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	12%	50%	31%	4%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	14	56	35	4	0	0	0	0	92

Speeds - Average: 63.6 50% : 63.6 67% : 65.5 85% : 68.4 10mph Pace: 60.1 - 70.0 (81.6%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	14	5	0	0	0	0	0	19
Tue	00:15	0	0	0	0	0	0	0	1	0	12	6	1	0	0	0	0	20
	00:30	0	0	0	0	0	0	0	0	3	13	2	0	0	0	0	0	18
	00:45	0	0	0	0	0	0	0	1	3	13	7	0	0	0	0	0	24
	01:00	0	0	0	0	0	0	0	0	1	11	4	0	0	0	0	0	16
	01:15	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	7
	01:30	0	0	0	0	0	0	0	0	3	9	0	2	0	0	0	0	14
	01:45	0	0	0	0	0	0	0	0	2	8	2	0	1	0	0	0	13
	02:00	0	0	0	0	0	0	0	1	3	9	3	0	2	0	0	0	18
	02:15	0	0	0	0	0	0	0	2	0	4	3	0	0	0	0	0	9
	02:30	0	0	0	0	0	0	0	0	1	5	3	0	0	0	0	0	9
	02:45	0	0	0	0	0	0	0	0	1	6	6	0	0	0	0	0	13
	03:00	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	7
	03:15	0	0	0	0	0	0	0	0	1	6	1	1	0	0	0	0	9
	03:30	0	0	0	0	0	0	0	0	3	3	1	0	0	0	0	0	7
	03:45	0	0	0	0	0	0	0	0	1	5	3	0	0	0	0	0	9
	04:00	0	0	0	0	0	0	0	1	2	6	10	1	0	0	0	0	20
	04:15	0	0	0	0	0	0	0	0	1	6	5	1	0	0	0	0	13
	04:30	0	0	0	0	0	0	0	0	7	8	13	0	0	0	0	0	28
	04:45	0	0	0	0	0	0	0	0	0	9	9	1	1	0	0	0	20
	05:00	0	0	0	0	0	0	0	0	1	10	12	3	1	1	1	0	29
	05:15	0	0	0	0	0	0	0	1	2	19	15	4	0	0	0	0	41
	05:30	0	0	0	0	0	0	0	0	6	12	24	8	0	0	0	0	50
	05:45	0	0	0	0	0	0	0	2	3	13	27	9	0	0	0	0	54
	06:00	0	0	0	0	0	0	0	2	3	23	25	7	0	0	0	0	60
	06:15	0	0	0	0	0	0	0	0	4	25	43	6	1	0	0	0	79
	06:30	0	0	0	0	0	0	0	1	4	38	61	13	1	0	0	0	118
	06:45	0	0	0	0	0	0	0	2	3	40	57	17	2	0	1	0	122
	07:00	0	0	0	0	0	0	0	1	3	28	64	26	1	0	0	0	123
	07:15	0	0	0	0	0	0	0	0	11	46	66	14	3	0	0	0	140
	07:30	1	0	0	0	0	0	0	0	6	61	102	15	3	0	2	0	190
	07:45	0	0	1	2	1	0	1	0	7	61	111	32	6	0	2	0	224
	08:00	0	0	0	0	0	0	0	1	5	55	59	25	4	0	0	0	149
	08:15	0	0	0	0	0	0	0	0	10	51	72	12	0	0	0	0	145
	08:30	0	0	0	0	0	0	0	1	7	47	80	12	1	0	0	0	148
	08:45	0	0	0	0	0	0	0	1	8	53	76	10	1	0	0	0	149
	09:00	1	0	0	0	0	0	0	2	3	40	52	23	1	0	0	0	122
	09:15	1	0	0	0	0	0	0	0	2	42	43	16	2	0	0	0	106
	09:30	0	0	0	0	0	0	0	1	5	32	75	18	0	0	0	0	131
	09:45	0	0	0	0	0	0	0	2	5	42	62	8	5	0	0	0	124
	10:00	0	0	0	0	0	0	0	1	10	41	47	11	2	2	0	0	114
	10:15	1	0	0	0	0	0	0	0	8	37	52	7	1	0	0	0	106
	10:30	0	0	0	0	0	0	0	0	5	40	59	12	1	0	0	0	117
	10:45	0	0	0	0	0	0	0	1	5	34	48	12	4	0	0	0	104
	11:00	0	0	0	0	0	0	0	0	6	43	74	9	1	0	0	0	133
	11:15	0	0	0	0	0	0	0	0	6	40	57	17	5	2	0	0	127
	11:30	0	0	0	0	0	3	1	0	5	28	51	18	5	0	0	0	111
	11:45	0	0	0	0	0	0	0	2	9	29	71	13	2	1	0	0	127
	12:00	0	0	0	0	0	0	1	0	9	30	63	19	2	0	0	0	124
	12:15	0	0	0	0	0	0	0	0	3	30	55	21	5	2	0	0	116

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	9	42	58	23	3	1	0	0	136
Tue	12:45	0	0	0	0	0	0	0	0	5	41	65	15	3	0	0	0	129
	13:00	0	0	0	0	0	0	0	0	4	26	79	19	0	2	0	0	130
	13:15	0	0	0	0	0	0	0	1	4	33	74	20	3	2	0	0	137
	13:30	0	0	0	0	0	0	0	0	5	43	69	19	1	0	0	0	137
	13:45	0	0	0	0	0	0	0	1	3	31	85	19	3	0	0	0	142
	14:00	0	0	0	0	0	0	0	0	12	43	65	16	2	0	0	0	138
	14:15	0	0	0	0	0	0	0	1	6	40	68	16	7	1	0	0	139
	14:30	0	0	0	0	0	0	0	1	17	42	72	13	1	1	0	0	147
	14:45	0	0	0	0	0	0	0	1	2	36	75	13	2	0	0	0	129
	15:00	0	0	0	0	0	0	0	0	12	52	73	18	3	0	0	0	158
	15:15	0	0	0	0	0	0	0	2	7	77	52	11	4	0	0	0	153
	15:30	0	0	0	0	0	0	0	3	9	44	81	18	3	0	0	0	158
	15:45	0	0	0	0	0	0	0	2	19	50	76	16	3	0	0	0	166
	16:00	0	0	0	0	0	0	0	0	5	43	111	21	5	1	0	0	186
	16:15	0	0	0	0	0	0	0	0	7	56	103	20	0	1	0	0	187
	16:30	0	0	0	0	0	0	0	0	8	58	108	38	4	0	0	0	216
	16:45	1	0	0	0	0	0	0	0	8	53	121	36	4	0	1	0	224
	17:00	0	0	0	0	0	0	0	7	15	63	127	36	3	2	0	0	253
	17:15	0	0	0	0	0	0	0	0	9	66	136	38	2	0	0	0	251
	17:30	1	0	0	0	0	0	0	0	12	41	101	52	7	2	0	0	216
	17:45	0	0	0	0	0	0	0	0	5	37	83	38	9	0	0	0	172
	18:00	0	0	0	0	0	0	0	1	3	52	90	24	3	1	0	0	174
	18:15	1	0	0	0	0	0	0	0	7	40	52	14	3	0	0	0	117
	18:30	0	0	0	0	0	0	0	0	2	29	59	24	7	1	0	0	122
	18:45	0	0	0	0	0	0	0	0	1	44	81	21	1	0	0	0	148
	19:00	0	0	0	0	0	0	0	1	3	27	77	18	3	0	0	0	129
	19:15	0	0	0	0	0	0	0	1	1	31	58	13	3	0	1	0	108
	19:30	0	0	0	0	0	0	0	0	5	18	42	24	7	2	0	0	98
	19:45	0	0	0	0	0	0	0	0	6	19	59	21	3	0	0	0	108
	20:00	0	0	0	0	0	0	0	1	0	23	48	17	0	0	1	0	90
	20:15	0	0	0	0	0	0	0	1	2	31	57	11	2	1	0	0	105
	20:30	0	0	0	0	0	0	1	2	8	22	37	9	1	0	0	0	80
	20:45	0	0	0	0	0	0	0	2	6	25	38	14	1	0	0	0	86
	21:00	0	0	0	0	0	0	0	0	5	18	43	10	3	1	0	0	80
	21:15	0	0	0	0	0	0	0	0	3	18	36	16	1	1	0	0	75
	21:30	0	0	0	0	0	0	0	0	1	14	33	6	0	1	0	0	55
	21:45	0	0	0	0	0	0	0	1	3	7	13	6	3	0	0	0	33
	22:00	0	0	0	0	0	0	0	0	0	11	29	10	0	0	0	0	50
	22:15	0	0	0	0	0	0	0	1	2	13	11	8	3	1	0	0	39
	22:30	0	0	0	0	0	0	0	1	3	12	17	8	1	0	0	0	42
	22:45	0	0	0	0	0	0	0	0	3	9	12	5	0	1	0	0	30
	23:00	0	0	0	0	0	1	0	0	5	6	17	4	0	1	0	0	34
	23:15	0	0	0	0	0	0	0	0	4	10	16	3	1	0	0	0	34
	23:30	0	0	0	0	0	0	0	0	1	3	13	1	1	0	0	0	19
	23:45	0	0	0	0	0	0	0	1	1	5	12	1	2	0	0	0	22

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		7	0	1	2	1	4	4	59	456	2748	4622	1228	185	32	9	0	9358
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	5%	29%	49%	13%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	5	29	48	13	2	0	0	0	110

Speeds - Average: 66.3 50% : 66.5 67% : 68.3 85% : 70.3 10mph Pace: 60.1 - 70.0 (78.8%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	3	15	3	0	0	0	0	21
Wed	00:15	0	0	0	0	0	0	0	0	0	7	15	5	0	0	0	0	27
	00:30	0	0	0	0	0	0	0	1	1	7	13	2	0	0	1	0	25
	00:45	0	0	0	0	0	0	0	0	1	3	13	0	1	0	0	0	18
	01:00	0	0	0	0	0	0	0	0	1	1	5	2	1	0	0	0	10
	01:15	0	0	0	0	0	0	0	0	0	2	6	3	0	0	0	0	11
	01:30	0	0	0	0	0	0	0	0	0	2	8	3	0	0	0	0	13
	01:45	0	0	0	0	0	0	0	0	1	4	4	1	1	0	0	0	11
	02:00	0	0	0	0	0	0	1	0	1	3	6	1	0	0	0	0	12
	02:15	0	0	0	0	0	0	0	0	2	1	9	1	0	0	0	0	13
	02:30	0	0	0	0	0	0	0	0	2	1	3	0	1	0	0	0	7
	02:45	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5
	03:15	0	0	0	0	0	0	0	1	2	3	3	0	0	0	0	0	9
	03:30	0	0	0	0	0	0	0	0	2	3	6	2	0	0	0	0	13
	03:45	0	0	0	0	0	0	0	0	2	2	10	2	0	0	0	0	16
	04:00	0	0	0	0	0	0	0	0	0	4	18	2	0	0	0	0	24
	04:15	0	0	0	0	0	0	0	0	0	5	10	1	0	0	0	0	16
	04:30	0	0	0	0	0	0	0	0	3	5	12	4	1	1	0	0	26
	04:45	0	0	0	0	0	0	0	0	0	9	18	3	0	1	0	0	31
	05:00	1	0	0	0	0	0	0	0	2	4	19	1	3	0	0	0	30
	05:15	0	0	0	0	0	0	0	2	2	9	20	10	3	1	0	0	47
	05:30	0	0	0	0	0	0	0	0	1	8	36	7	2	0	0	0	54
	05:45	0	0	0	0	0	0	0	0	1	22	30	5	0	0	0	0	58
	06:00	0	0	0	0	1	0	0	0	8	13	26	21	1	3	0	0	73
	06:15	0	0	0	0	0	0	0	0	6	19	47	23	7	1	0	0	103
	06:30	0	0	0	0	0	0	0	0	4	19	58	28	9	1	0	0	119
	06:45	0	0	0	0	0	0	0	0	4	11	53	43	10	4	0	0	125
	07:00	1	0	0	0	0	0	0	2	3	10	50	50	8	1	0	0	125
	07:15	0	0	0	0	0	0	0	0	10	23	61	42	20	1	0	0	157
	07:30	0	0	0	0	0	0	0	1	5	34	86	35	9	1	2	0	173
	07:45	0	0	0	0	0	0	0	0	5	25	98	57	10	1	0	0	196
	08:00	1	0	0	0	0	0	0	0	2	39	68	20	5	1	0	0	136
	08:15	0	0	0	0	0	0	2	17	29	38	59	14	2	1	0	0	162
	08:30	0	0	0	0	0	2	8	25	41	54	35	7	1	0	0	0	173
	08:45	0	0	0	0	0	4	25	33	36	29	19	9	0	0	0	0	155
	09:00	0	0	0	0	8	58	50	12	4	1	0	0	0	0	0	0	133
	09:15	0	0	0	0	10	66	77	10	2	0	0	0	0	0	0	0	165
Daily Total :		3	0	0	0	19	130	163	104	183	430	943	407	95	18	3	0	2498
Percent :		0%	0%	0%	0%	1%	5%	7%	4%	7%	17%	38%	16%	4%	1%	0%	0%	
Average :		0	0	0	0	1	3	4	3	5	11	25	11	3	0	0	0	98

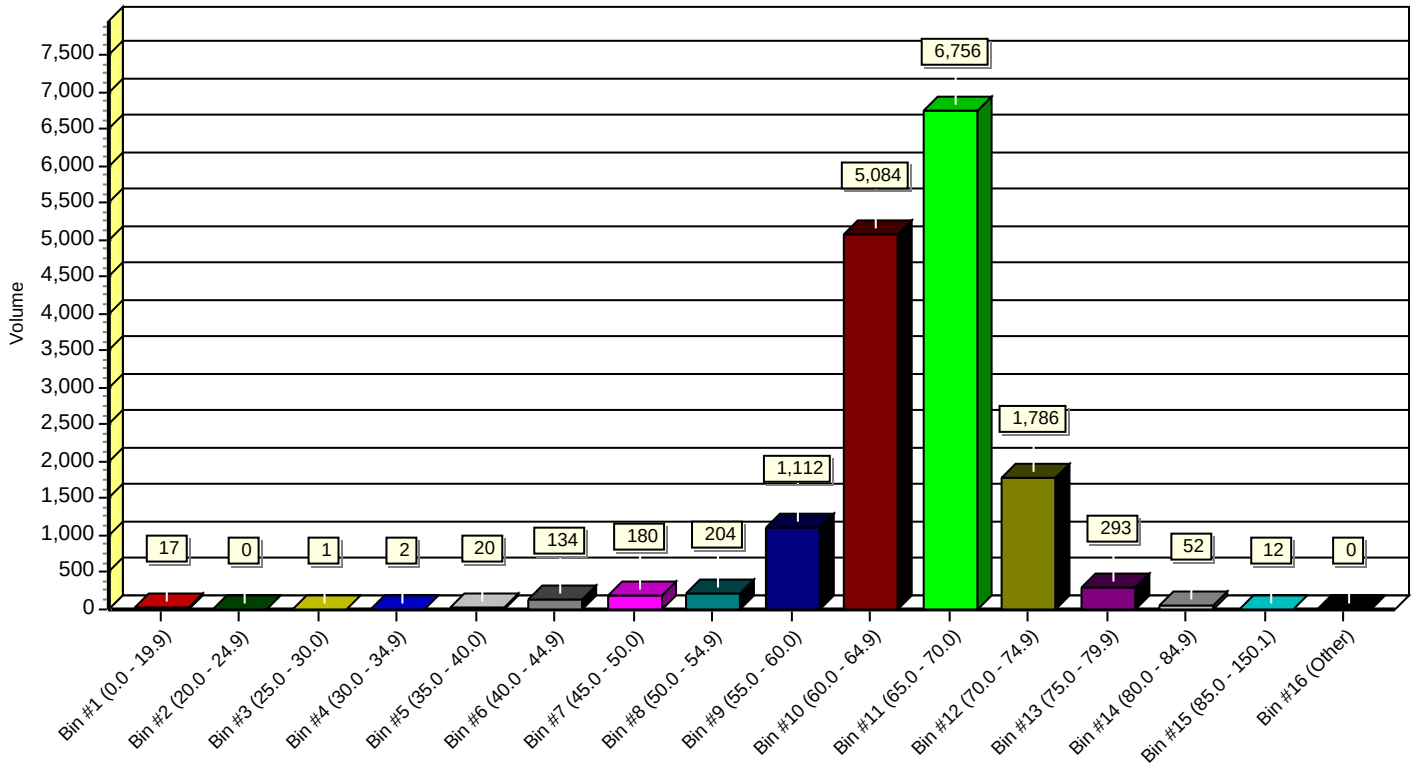
Speeds - Average: 63.7 50% : 66.2 67% : 68.4 85% : 72.0 10mph Pace: 61.5 - 71.4 (55.0%)

Basic Speed Class Summary: 4D3331456

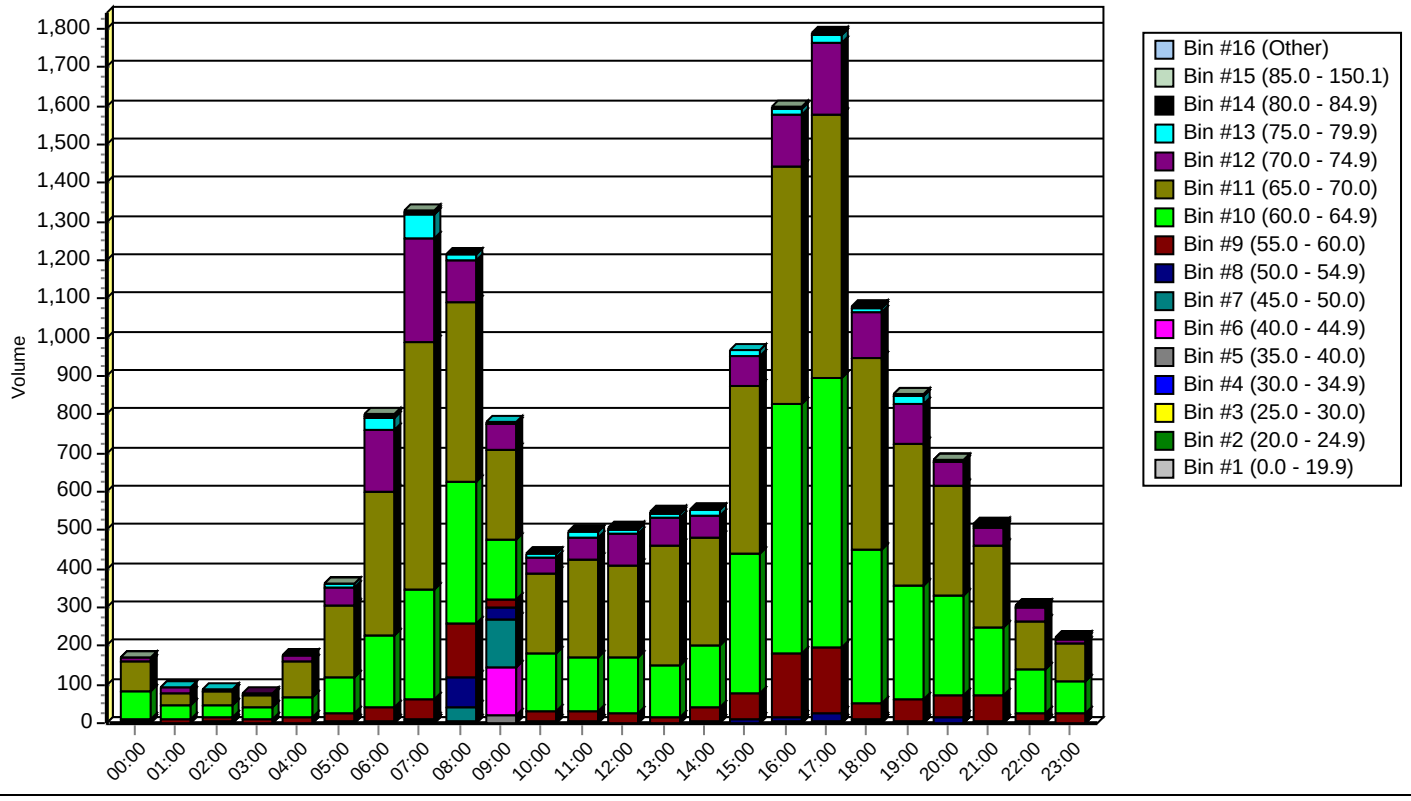
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	17	0	1	2	20	134	180	204	1112	5084	6756	1786	293	52	12	0	15653
		17	0	1	2	20	134	180	204	1112	5084	6756	1786	293	52	12	0	15653
Percents :	#1.	0%	0%	0%	0%	0%	1%	1%	1%	7%	32%	43%	11%	2%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	1%	1%	1%	7%	32%	43%	11%	2%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	1	1	1	7	30	40	11	2	0	0	0	93
		0	0	0	0	0	1	1	1	7	30	40	11	2	0	0	0	93
Days & ADT :	#1.	1.7	8944															
		1.7	8944															
Avg,50,67,85%:	#1.	65.2	65.8	67.8	69.9	60.1	- 70.0	76%										
		65.2	65.8	67.8	69.9	60.1	- 70.0	76%										

4D3331456 Speed Class Charts For Data From: 15:30 - 04/11/2011 To: 09:44 - 04/13/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P3331456

Station ID : 4P3331456
Info Line 1 : WB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 4P3331456.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 93937
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 15:30 - 04/11/2011 To: 09:44 - 04/13/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	15:30	0	38	18	0	0	1	0	1	0	0	0	0	0	0	58
Mon	15:45	1	38	10	0	0	0	0	0	1	0	0	0	2	0	52
	16:00	1	43	17	0	0	1	0	1	1	0	0	0	0	0	64
	16:15	1	48	12	0	0	0	0	1	1	0	0	0	0	0	63
	16:30	0	44	10	0	0	0	0	0	0	0	0	0	0	0	54
	16:45	1	53	19	0	0	1	0	0	0	0	0	0	0	0	74
	17:00	0	72	15	0	0	0	0	0	0	0	0	0	0	2	89
	17:15	0	90	20	0	0	0	0	2	1	0	0	0	0	2	115
	17:30	0	61	19	1	0	0	0	0	1	0	0	0	0	2	84
	17:45	0	37	14	0	0	0	0	0	0	0	0	0	0	1	52
	18:00	1	45	16	0	0	0	0	1	0	0	0	0	1	0	64
	18:15	1	19	19	0	0	0	0	2	1	0	0	0	0	0	42
	18:30	0	15	4	0	0	0	0	0	0	0	0	0	0	0	19
	18:45	0	23	5	0	0	0	0	0	0	0	0	0	0	0	28
	19:00	0	16	4	0	0	0	0	0	0	0	0	0	0	0	20
	19:15	0	20	2	0	0	0	0	0	0	0	0	0	0	0	22
	19:30	0	12	5	0	0	0	0	0	0	0	0	0	1	0	18
	19:45	0	12	4	0	0	0	0	0	0	0	0	0	0	0	16
	20:00	0	11	6	0	0	0	0	1	2	0	0	1	0	0	21
	20:15	0	12	8	0	0	0	0	0	1	0	0	0	0	0	21
	20:30	0	13	1	0	0	0	0	0	0	0	0	0	0	0	14
	20:45	0	10	1	0	0	1	0	1	0	0	1	0	0	0	14
	21:00	0	10	3	0	0	0	0	0	1	0	0	0	0	0	14
	21:15	0	12	3	0	0	0	0	0	1	0	0	0	1	0	17
	21:30	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	21:45	0	6	1	0	0	0	0	0	1	0	0	1	0	0	9
	22:00	0	1	2	0	0	0	0	1	1	0	0	0	0	0	5
	22:15	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
	22:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	4	0	0	0	0	0	0	1	0	0	0	0	0	5
	23:30	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	23:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
Daily Total :		6	782	247	1	0	4	0	11	14	0	1	2	5	7	1080
Percent :		1%	72%	23%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	1%	
Average :		0	23	7	0	0	0	0	0	0	0	0	0	0	0	30

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Tue	00:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	1	1	0	0	0	0	0	0	0	0	0	1	0	3
	04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	2	1	0	1	0	0	0	0	0	0	0	1	0	5
	05:30	0	3	2	0	0	1	0	0	0	0	0	0	0	0	6
	05:45	0	5	3	0	0	0	0	0	1	0	0	0	0	0	9
	06:00	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
	06:15	0	10	5	0	0	1	0	0	0	0	0	0	0	0	16
	06:30	0	20	9	0	0	0	0	0	0	0	0	0	0	0	29
	06:45	0	18	12	0	0	0	0	0	1	0	0	0	1	0	32
	07:00	0	18	6	0	0	0	0	0	0	0	0	0	0	0	24
	07:15	1	23	9	0	0	0	0	0	1	0	0	0	0	0	34
	07:30	0	22	11	1	0	0	0	0	0	0	0	0	0	1	35
	07:45	0	30	28	0	1	1	0	0	0	0	0	0	0	0	60
	08:00	0	11	9	0	1	0	0	0	2	0	0	0	0	0	23
	08:15	0	17	17	0	0	0	0	0	1	0	0	0	0	0	35
	08:30	0	18	14	0	0	0	0	0	1	0	0	0	0	0	33
	08:45	0	26	16	0	0	0	0	0	2	0	0	0	1	0	45
	09:00	0	14	14	0	0	1	0	0	0	0	0	1	0	1	31
	09:15	0	15	12	0	0	0	0	1	3	0	0	0	1	0	32
	09:30	0	10	4	0	1	0	0	0	0	0	0	0	1	0	16
	09:45	0	11	13	0	0	0	0	0	0	0	0	0	0	0	24
	10:00	0	10	9	0	0	0	0	0	0	0	0	0	0	0	19
	10:15	0	18	12	0	0	0	0	0	2	0	0	0	1	1	34
	10:30	0	9	4	0	0	0	0	1	2	1	0	0	2	0	19
	10:45	0	14	7	0	0	0	0	0	0	0	0	0	0	0	21
	11:00	0	14	9	0	0	0	0	0	0	0	0	0	0	0	23
	11:15	0	14	6	0	1	0	0	0	1	0	0	0	0	0	22
	11:30	0	14	5	0	0	1	0	0	2	0	0	0	0	0	22
	11:45	0	22	6	0	0	0	0	0	0	0	0	0	0	0	28
	12:00	0	14	16	0	0	0	0	0	1	0	0	0	0	0	31
	12:15	0	14	4	0	0	0	0	0	1	1	0	0	0	0	20

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	18	5	0	0	0	0	0	0	0	0	0	0	0	23
Tue	12:45	0	16	8	0	0	0	0	0	1	0	0	0	0	1	26
	13:00	0	18	10	0	0	1	0	0	0	1	0	0	0	0	30
	13:15	1	22	7	0	0	0	0	0	1	1	0	0	0	0	32
	13:30	0	19	10	0	0	0	0	0	1	0	0	0	0	0	30
	13:45	0	19	11	0	0	0	0	0	0	0	0	0	0	0	30
	14:00	0	28	12	0	1	0	0	0	2	0	0	0	0	1	44
	14:15	0	26	7	0	0	0	0	0	2	0	0	0	0	0	35
	14:30	0	36	11	0	0	0	0	0	1	0	0	0	1	0	49
	14:45	0	25	16	0	0	0	0	1	2	0	0	0	0	0	44
	15:00	2	34	11	0	0	1	0	0	1	0	0	0	0	0	49
	15:15	0	47	8	0	0	0	0	2	2	1	0	0	0	0	60
	15:30	0	38	15	0	0	1	0	0	1	0	0	0	0	0	55
	15:45	0	38	14	1	0	0	0	0	0	0	0	0	0	0	53
	16:00	0	42	13	0	1	0	0	1	2	0	0	0	0	0	59
	16:15	0	40	16	0	0	0	0	1	2	0	0	0	0	0	59
	16:30	0	53	17	0	0	0	0	0	0	0	0	0	0	0	70
	16:45	1	57	16	0	0	0	0	1	0	1	0	0	0	0	76
	17:00	0	69	34	0	0	0	0	1	0	0	0	0	0	2	106
	17:15	0	97	17	0	0	0	0	0	2	0	0	0	0	3	119
	17:30	0	58	19	0	0	0	0	0	1	0	0	0	0	0	78
	17:45	0	38	19	0	0	0	0	0	0	0	0	0	0	0	57
	18:00	0	38	9	0	0	0	0	0	3	0	0	0	0	0	50
	18:15	0	35	3	0	0	0	0	0	1	0	0	1	0	0	40
	18:30	0	23	11	0	0	0	0	0	0	0	0	0	0	0	34
	18:45	0	29	6	0	0	0	0	0	0	0	0	0	0	0	35
	19:00	0	15	7	0	0	0	0	0	0	0	0	0	0	0	22
	19:15	0	13	8	0	0	0	0	1	0	0	0	0	1	0	23
	19:30	0	16	4	0	0	0	0	0	0	0	0	0	0	0	20
	19:45	0	11	9	0	0	0	0	0	1	0	0	0	0	0	21
	20:00	0	16	4	0	0	0	0	0	1	0	0	0	0	0	21
	20:15	0	14	6	0	0	0	0	1	0	0	0	0	0	0	21
	20:30	0	13	8	0	0	0	0	0	2	0	0	0	1	0	24
	20:45	0	14	2	0	0	0	0	0	0	0	0	1	0	0	17
	21:00	0	9	1	0	0	0	0	0	1	0	0	0	0	0	11
	21:15	0	18	3	0	0	0	0	0	0	0	0	0	0	0	21
	21:30	0	7	3	0	0	0	0	0	0	0	0	1	0	0	11
	21:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	22:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:45	0	1	5	0	0	0	0	0	1	0	0	0	0	0	7
	23:00	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		5	1556	663	2	7	8	0	11	54	6	0	4	12	10	2338
Percent :		0%	67%	28%	0%	0%	0%	0%	0%	2%	0%	0%	0%	1%	0%	
Average :		0	16	7	0	0	0	0	0	1	0	0	0	0	0	24

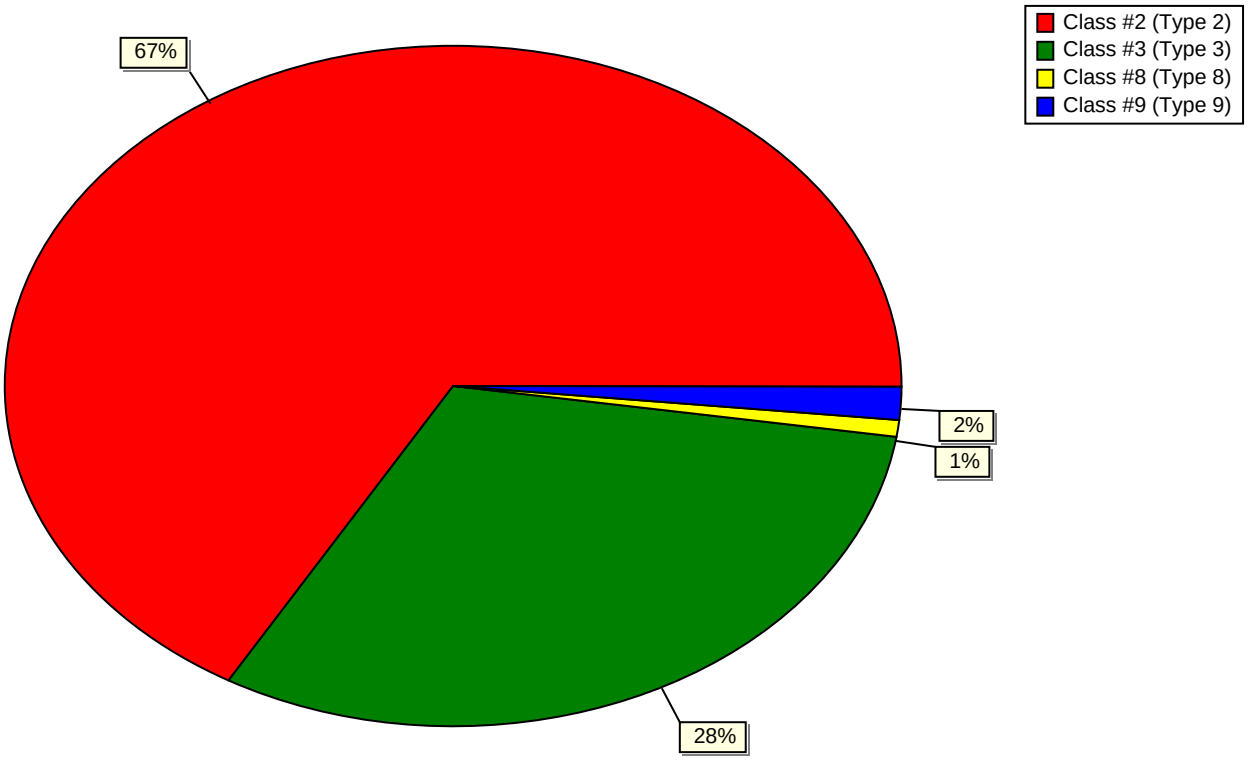
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	1	0	0	0	0	0	0	2	0	0	0	0	0	3
	04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	04:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	0	2	0	0	0	0	0	2	0	0	0	0	0	4
	05:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:30	0	7	2	0	0	0	0	0	0	0	0	0	1	0	10
	05:45	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
	06:00	0	5	7	0	0	0	0	1	1	0	0	0	0	0	14
	06:15	0	10	3	0	0	0	0	0	0	0	0	0	0	0	13
	06:30	0	21	16	0	0	0	0	0	0	0	0	0	0	0	37
	06:45	0	19	11	0	0	0	0	0	1	0	0	0	0	0	31
	07:00	0	18	8	0	0	0	0	0	0	0	0	0	0	0	26
	07:15	0	26	8	0	0	0	0	0	1	0	0	0	0	0	35
	07:30	0	35	8	0	0	0	0	0	1	0	0	0	0	0	44
	07:45	0	25	13	0	0	0	0	0	0	0	0	0	0	1	39
	08:00	0	15	12	1	0	0	0	0	0	0	0	0	0	0	28
	08:15	0	11	15	0	0	0	0	0	1	1	0	0	0	0	28
	08:30	0	12	12	0	0	0	0	0	0	0	0	0	0	0	24
	08:45	0	7	10	0	0	0	0	0	0	0	0	0	0	0	17
	09:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
	09:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		0	225	139	1	1	0	0	1	13	1	0	0	1	2	384
Percent :		0%	59%	36%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	1%	
Average :		0	6	4	0	0	0	0	0	0	0	0	0	0	0	10

Basic Axle Class Summary: 4P3331456

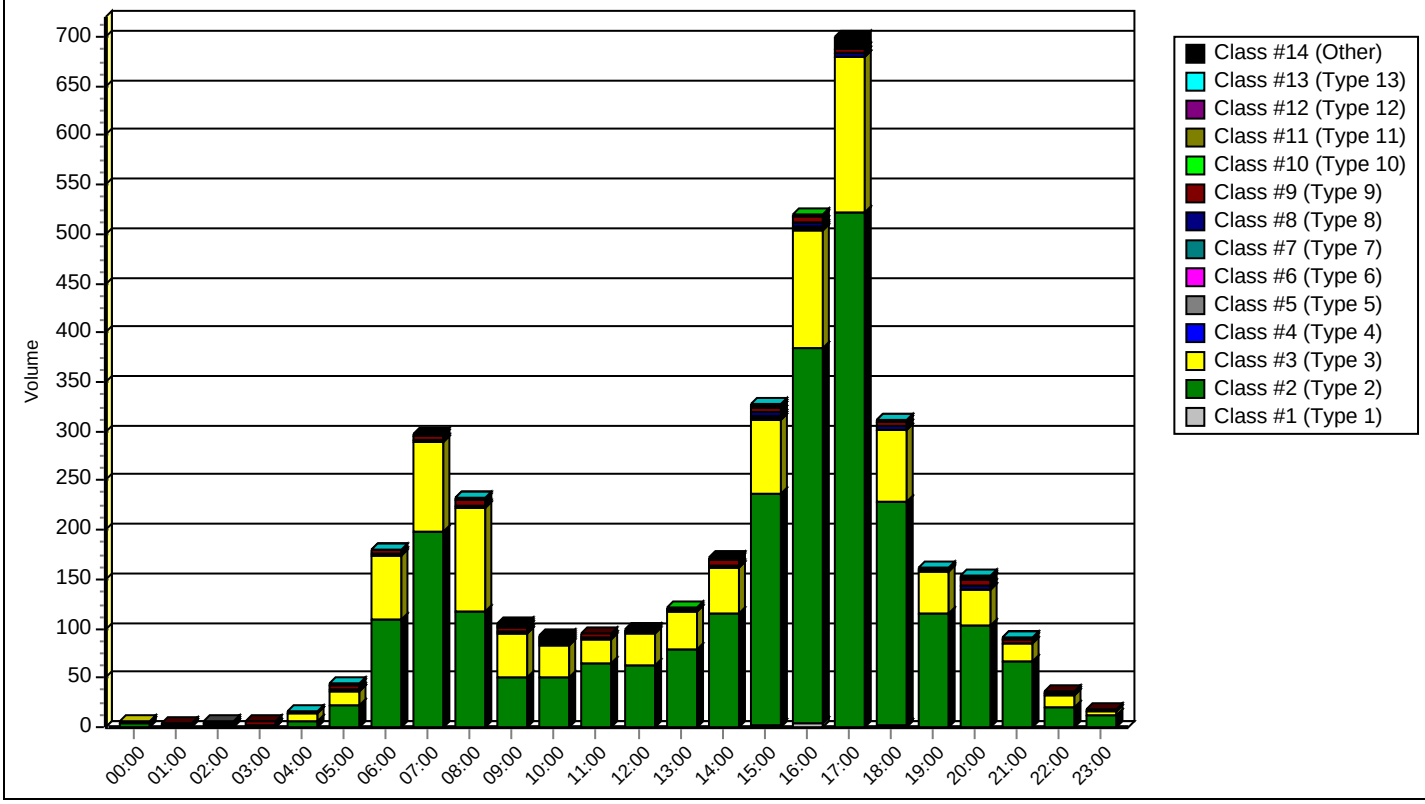
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	11	2563	1049	4	8	12	0	23	81	7	1	6	18	19	3802
		11	2563	1049	4	8	12	0	23	81	7	1	6	18	19	3802
Percents :	#1.	0%	67%	28%	0%	0%	0%	0%	1%	2%	0%	0%	0%	0%	0%	100%
		0%	67%	28%	0%	0%	0%	0%	1%	2%	0%	0%	0%	0%	0%	
Average :	#1.	0	15	6	0	0	0	0	0	0	0	0	0	0	0	21
		0	15	6	0	0	0	0	0	0	0	0	0	0	0	21
Days & ADT :	#1.	1.7	2172													
		1.7	2172													

4P3331456 Axle Class Charts For Data From: 15:30 - 04/11/2011 To: 09:44 - 04/13/2011

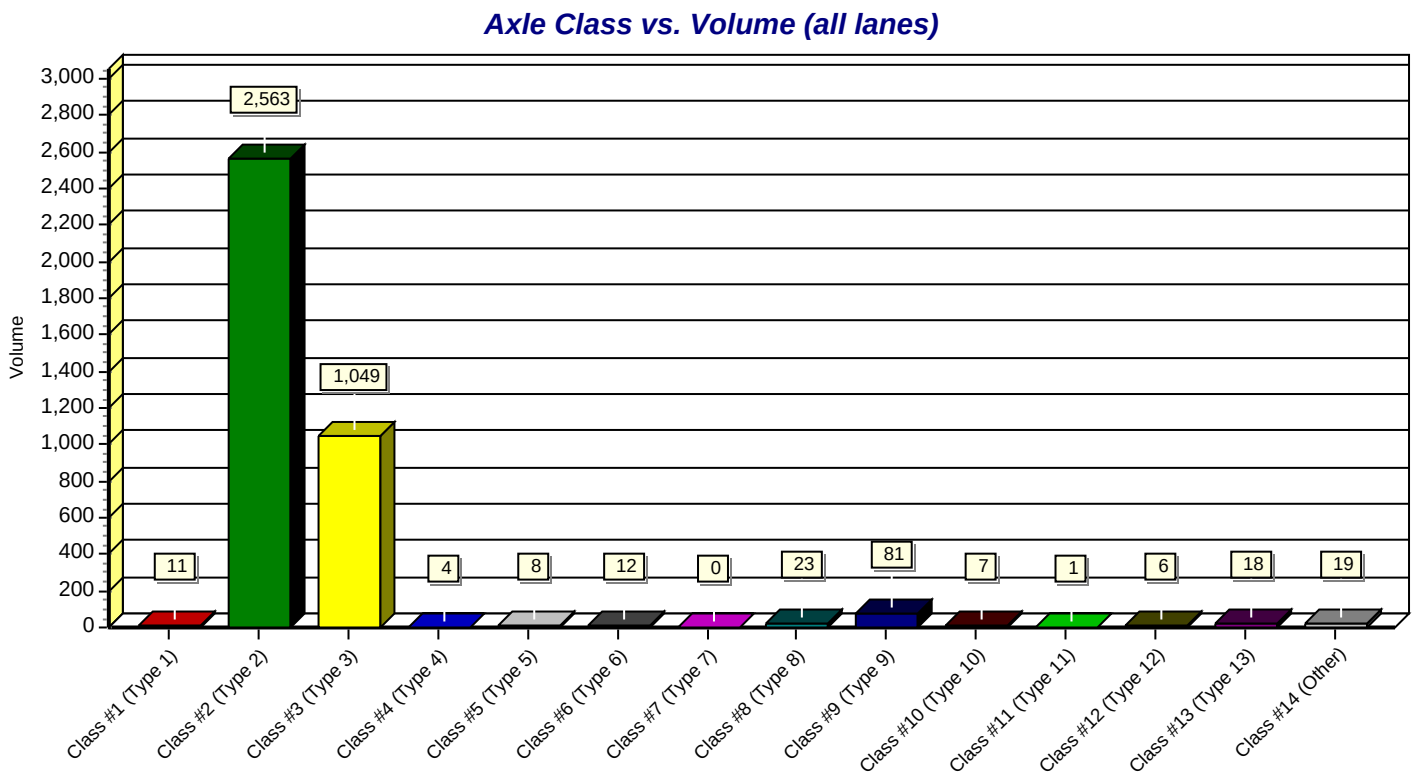
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P3331456 Axle Class Charts For Data From: 15:30 - 04/11/2011 To: 09:44 - 04/13/2011



Basic Speed Classification Report: 4P3331456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 15:30 - 04/11/2011 To: 09:44 - 04/13/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	15:30	1	0	0	0	0	0	0	0	0	11	34	11	1	0	0	0	58
Mon	15:45	0	0	0	0	0	0	0	0	0	13	27	12	0	0	0	0	52
	16:00	1	0	0	0	0	0	0	0	1	16	31	12	3	0	0	0	64
	16:15	0	0	0	0	0	0	0	0	5	42	16	0	0	0	0	0	63
	16:30	0	0	0	0	0	0	0	0	5	34	13	2	0	0	0	0	54
	16:45	0	0	0	0	0	0	0	0	2	37	32	3	0	0	0	0	74
	17:00	0	0	0	0	0	0	0	0	2	48	33	6	0	0	0	0	89
	17:15	0	0	0	0	0	0	0	0	2	63	44	6	0	0	0	0	115
	17:30	0	0	0	0	0	0	0	0	6	51	25	2	0	0	0	0	84
	17:45	0	0	0	0	0	0	0	0	0	28	16	8	0	0	0	0	52
	18:00	0	0	0	0	0	0	0	0	0	14	37	12	1	0	0	0	64
	18:15	0	0	0	0	0	0	0	0	0	10	24	7	1	0	0	0	42
	18:30	0	0	0	0	0	0	0	0	1	6	9	3	0	0	0	0	19
	18:45	0	0	0	0	0	0	0	0	0	9	15	3	0	1	0	0	28
	19:00	0	0	0	0	0	0	0	0	0	5	13	2	0	0	0	0	20
	19:15	0	0	0	0	0	0	0	0	0	8	10	3	0	1	0	0	22
	19:30	0	0	0	0	0	0	0	0	0	5	11	1	1	0	0	0	18
	19:45	0	0	0	0	0	0	0	0	0	6	8	2	0	0	0	0	16
	20:00	0	0	0	0	0	0	0	0	0	7	10	4	0	0	0	0	21
	20:15	0	0	0	0	0	0	0	0	0	12	7	1	1	0	0	0	21
	20:30	0	0	0	0	0	0	0	0	0	7	6	1	0	0	0	0	14
	20:45	0	0	0	0	0	0	0	0	0	7	6	1	0	0	0	0	14
	21:00	0	0	0	0	0	0	0	0	1	5	8	0	0	0	0	0	14
	21:15	0	0	0	0	0	0	0	0	1	5	8	3	0	0	0	0	17
	21:30	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	5
	21:45	0	0	0	0	0	0	0	0	0	4	5	0	0	0	0	0	9
	22:00	0	0	0	0	0	0	0	0	0	3	1	1	0	0	0	0	5
	22:15	0	0	0	0	0	0	0	0	1	4	1	1	0	0	0	0	7
	22:30	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
	22:45	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	5
	23:30	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	23:45	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
Daily Total :		2	0	0	0	0	0	0	0	27	473	458	109	9	2	0	0	1080
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	3%	44%	42%	10%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	1	14	13	3	0	0	0	0	21

Speeds - Average: 65.6 50% : 65.5 67% : 67.5 85% : 69.5 10mph Pace: 60.1 - 70.0 (86.2%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Tue	00:15	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
	04:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
	05:30	0	0	0	0	0	0	0	0	0	1	3	1	1	0	0	0	6
	05:45	0	0	0	0	0	0	0	0	0	4	4	0	1	0	0	0	9
	06:00	0	0	0	0	0	0	0	0	0	1	5	1	2	0	0	0	9
	06:15	0	0	0	0	0	0	0	0	0	3	9	4	0	0	0	0	16
	06:30	0	0	0	0	0	0	0	0	0	2	14	12	1	0	0	0	29
	06:45	0	0	0	0	0	0	0	0	0	2	14	12	3	1	0	0	32
	07:00	0	0	0	0	0	0	0	0	0	0	11	11	2	0	0	0	24
	07:15	0	0	0	0	0	0	0	0	0	2	18	12	2	0	0	0	34
	07:30	0	0	0	0	0	0	0	0	0	4	13	12	4	1	1	0	35
	07:45	0	0	0	0	1	0	3	1	0	4	20	23	6	0	2	0	60
	08:00	0	0	0	0	0	0	0	0	0	4	9	9	1	0	0	0	23
	08:15	0	0	0	0	0	0	0	0	0	2	18	13	2	0	0	0	35
	08:30	0	0	0	0	0	0	0	0	0	4	18	9	1	1	0	0	33
	08:45	1	0	0	0	0	0	0	0	0	7	23	10	4	0	0	0	45
	09:00	0	0	0	0	0	0	0	0	0	4	11	12	3	1	0	0	31
	09:15	0	0	0	0	0	0	0	0	0	3	19	10	0	0	0	0	32
	09:30	0	0	0	0	0	0	0	0	0	2	8	6	0	0	0	0	16
	09:45	0	0	0	0	0	0	0	0	0	2	12	8	1	1	0	0	24
	10:00	0	0	0	0	0	0	0	0	0	2	11	5	1	0	0	0	19
	10:15	0	0	0	0	0	0	0	0	4	13	16	1	0	0	0	0	34
	10:30	0	0	0	0	0	0	0	0	2	10	5	1	1	0	0	0	19
	10:45	0	0	0	0	0	0	0	0	0	4	13	4	0	0	0	0	21
	11:00	0	0	0	0	0	0	0	0	0	10	9	3	1	0	0	0	23
	11:15	0	0	0	0	0	0	0	0	1	7	11	3	0	0	0	0	22
	11:30	0	0	0	0	0	0	0	0	0	9	10	3	0	0	0	0	22
	11:45	0	0	0	0	0	0	0	0	1	6	17	3	1	0	0	0	28
	12:00	0	0	0	0	0	0	0	0	1	10	14	5	1	0	0	0	31
	12:15	0	0	0	0	0	0	0	0	0	9	8	2	1	0	0	0	20

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	8	8	7	0	0	0	0	23
Tue	12:45	0	0	0	0	0	0	0	0	0	10	10	6	0	0	0	0	26
	13:00	0	0	0	0	0	0	0	0	0	8	21	1	0	0	0	0	30
	13:15	0	0	0	0	0	0	0	0	0	11	12	7	1	0	1	0	32
	13:30	0	0	0	0	0	0	0	0	2	11	9	8	0	0	0	0	30
	13:45	0	0	0	0	0	0	0	0	1	9	15	5	0	0	0	0	30
	14:00	0	0	0	0	0	0	0	0	1	16	20	6	1	0	0	0	44
	14:15	0	0	0	0	0	0	0	0	0	10	18	6	0	1	0	0	35
	14:30	0	0	0	0	0	0	0	0	2	19	24	4	0	0	0	0	49
	14:45	0	0	0	0	0	0	0	0	1	18	20	4	0	1	0	0	44
	15:00	0	0	0	0	0	0	0	0	1	24	22	2	0	0	0	0	49
	15:15	0	0	0	0	0	0	0	0	1	26	27	5	1	0	0	0	60
	15:30	0	0	0	0	0	0	0	0	1	21	24	8	1	0	0	0	55
	15:45	0	0	0	0	0	0	0	1	2	26	21	3	0	0	0	0	53
	16:00	0	0	0	0	0	0	0	0	1	19	35	4	0	0	0	0	59
	16:15	0	0	0	0	0	0	0	1	1	22	30	4	0	0	1	0	59
	16:30	0	0	0	0	0	0	0	0	0	14	49	6	1	0	0	0	70
	16:45	0	0	0	0	0	0	0	0	0	21	43	12	0	0	0	0	76
	17:00	0	0	0	0	0	0	0	0	2	39	56	9	0	0	0	0	106
	17:15	0	0	0	0	0	0	0	0	2	28	71	18	0	0	0	0	119
	17:30	1	0	0	0	0	0	0	0	0	10	44	21	1	1	0	0	78
	17:45	0	0	0	0	0	0	0	0	0	17	35	4	0	1	0	0	57
	18:00	0	0	0	0	0	0	0	1	0	16	24	8	0	1	0	0	50
	18:15	0	0	0	0	0	0	0	0	4	22	13	0	1	0	0	0	40
	18:30	0	0	0	0	0	0	0	0	0	10	20	0	4	0	0	0	34
	18:45	0	0	0	0	0	0	0	0	3	12	19	1	0	0	0	0	35
	19:00	0	0	0	0	0	0	0	0	0	5	12	2	1	2	0	0	22
	19:15	0	0	0	0	0	0	0	0	0	9	12	2	0	0	0	0	23
	19:30	0	0	0	0	0	0	0	0	0	8	9	3	0	0	0	0	20
	19:45	0	0	0	0	0	0	0	0	0	11	9	1	0	0	0	0	21
	20:00	0	0	0	0	0	0	0	0	0	4	16	1	0	0	0	0	21
	20:15	0	0	0	0	0	0	0	0	0	10	8	2	1	0	0	0	21
	20:30	0	0	0	0	0	0	0	0	3	11	6	1	2	1	0	0	24
	20:45	0	0	0	0	0	0	0	0	0	6	9	2	0	0	0	0	17
	21:00	0	0	0	0	0	0	0	0	2	5	4	0	0	0	0	0	11
	21:15	0	0	0	0	0	0	0	0	0	8	5	6	2	0	0	0	21
	21:30	0	0	0	0	0	0	0	0	0	6	5	0	0	0	0	0	11
	21:45	0	0	0	0	0	0	0	0	0	1	2	0	0	1	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	22:30	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	4
	22:45	0	0	0	0	0	0	0	0	2	4	1	0	0	0	0	0	7
	23:00	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	0	0	1	0	3	4	43	687	1143	376	59	14	6	0	2338
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	2%	29%	49%	16%	3%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	7	12	4	1	0	0	0	31

Speeds - Average: 67.0 50% : 66.9 67% : 68.7 85% : 71.5 10mph Pace: 60.1 - 70.0 (78.3%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	05:15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
	05:30	0	0	0	0	0	0	0	0	0	3	6	0	1	0	0	0	10
	05:45	0	0	0	0	0	0	0	0	0	2	3	1	1	0	0	0	7
	06:00	0	0	0	0	0	0	0	0	0	8	2	3	1	0	0	0	14
	06:15	0	0	0	0	0	0	0	0	0	3	10	0	0	0	0	0	13
	06:30	0	0	0	0	0	0	0	0	0	4	19	10	4	0	0	0	37
	06:45	0	0	0	0	0	0	0	0	0	4	12	9	3	1	2	0	31
	07:00	0	0	0	0	0	0	0	0	0	6	15	3	0	2	0	0	26
	07:15	0	0	0	0	0	0	0	0	0	9	15	10	1	0	0	0	35
	07:30	0	0	0	0	0	0	0	0	0	3	28	9	4	0	0	0	44
	07:45	0	0	0	0	0	0	0	0	0	3	14	18	4	0	0	0	39
	08:00	0	0	0	0	0	0	0	0	0	8	14	5	1	0	0	0	28
	08:15	0	0	0	0	0	0	0	0	1	14	10	3	0	0	0	0	28
	08:30	0	0	0	0	0	0	0	0	5	13	6	0	0	0	0	0	24
	08:45	0	0	0	0	0	0	0	1	2	8	5	0	1	0	0	0	17
	09:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
	09:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		1	1	0	0	0	0	1	1	11	98	172	73	21	3	2	0	384
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	3%	26%	45%	19%	5%	1%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	3	5	2	1	0	0	0	24

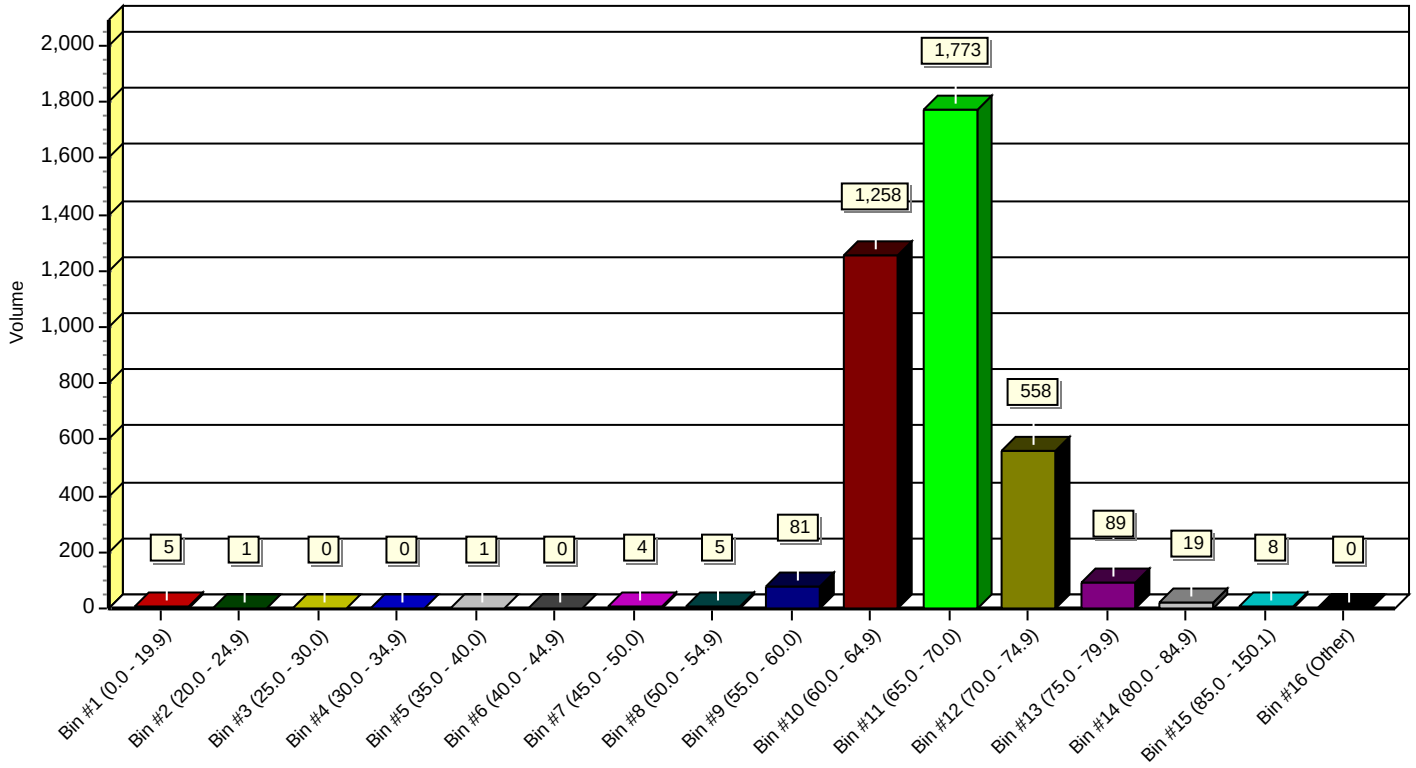
Speeds - Average: 67.4 50% : 67.4 67% : 69.2 85% : 72.8 10mph Pace: 60.1 - 70.0 (70.3%)

Basic Speed Class Summary: 4P3331456

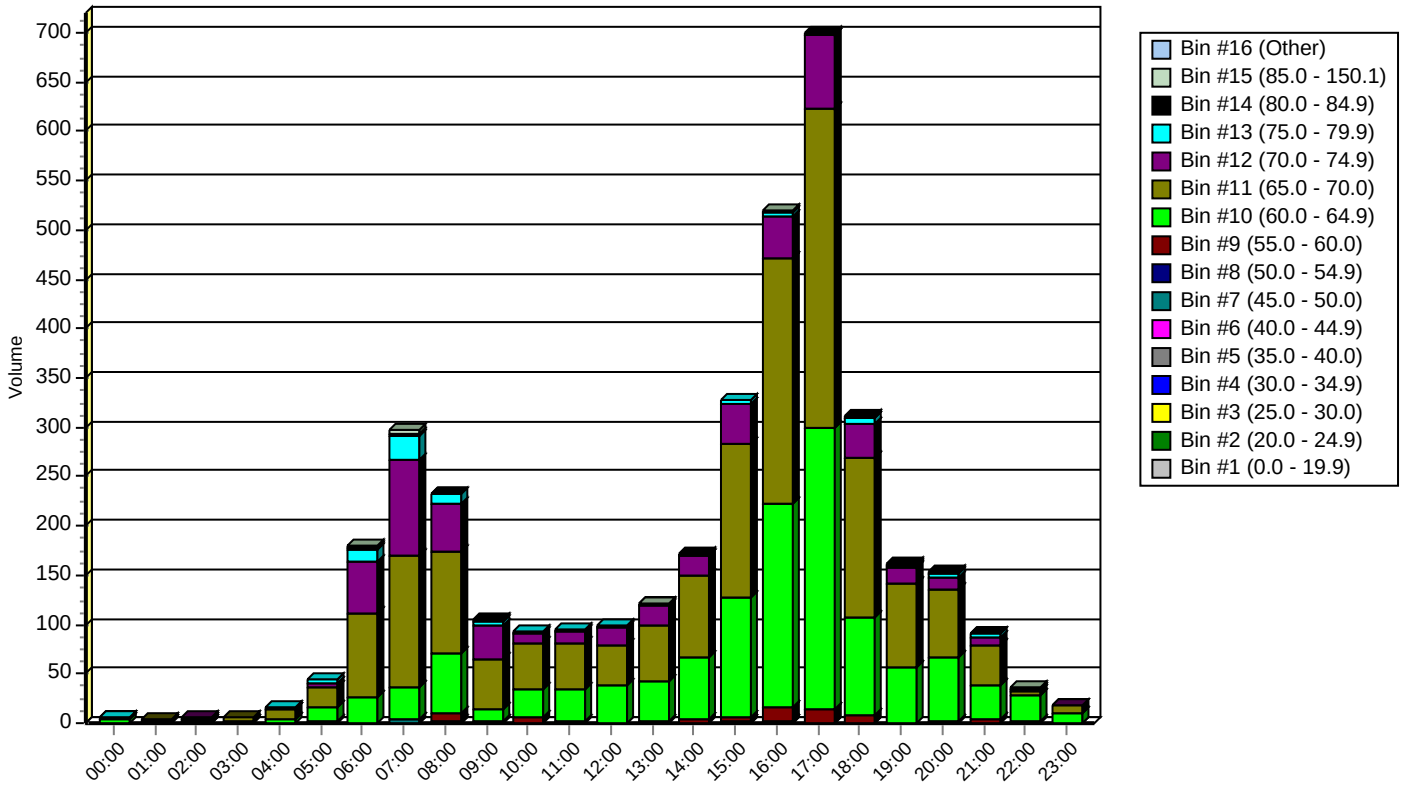
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	5	1	0	0	1	0	4	5	81	1258	1773	558	89	19	8	0	3802
		5	1	0	0	1	0	4	5	81	1258	1773	558	89	19	8	0	3802
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	2%	33%	47%	15%	2%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	2%	33%	47%	15%	2%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	7	11	3	1	0	0	0	22
		0	0	0	0	0	0	0	0	0	7	11	3	1	0	0	0	22
Days & ADT :	#1.	1.7	2172															
		1.7	2172															
Avg,50,67,85%:	#1.	66.6	66.6	68.4	71.0	60.1	- 70.0	80%										
		66.6	66.6	68.4	71.0	60.1	- 70.0	80%										

4P3331456 Speed Class Charts For Data From: 15:30 - 04/11/2011 To: 09:44 - 04/13/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0021456

Station ID : 2D0021456
Info Line 1 : EB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 2D0021456.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 91408
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 16:15 - 04/11/2011 To: 09:29 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	16:15	1	31	49	4	2	1	0	0	2	0	0	0	1	1	92
Mon	16:30	0	43	42	1	4	1	0	1	5	0	0	0	1	1	99
	16:45	0	36	56	1	5	0	0	0	4	1	0	0	2	0	105
	17:00	0	22	67	2	3	0	0	3	2	2	0	0	2	0	103
	17:15	0	30	52	0	4	0	0	3	2	0	0	0	0	0	91
	17:30	1	32	46	0	4	0	0	1	3	0	0	0	1	1	89
	17:45	2	34	36	0	3	0	0	3	7	0	0	0	4	1	90
	18:00	1	29	41	1	2	0	0	3	8	0	0	0	1	0	86
	18:15	1	24	38	0	2	0	0	0	7	0	0	0	2	1	75
	18:30	0	15	26	0	2	0	0	2	8	1	0	0	0	0	54
	18:45	0	19	28	3	1	0	0	3	5	0	1	0	0	1	61
	19:00	0	19	29	1	1	0	0	2	9	0	0	0	0	0	61
	19:15	0	12	25	1	1	0	0	0	5	1	0	0	3	0	48
	19:30	1	21	21	2	1	0	0	3	7	2	0	0	2	1	61
	19:45	1	12	39	0	1	0	0	0	5	0	0	0	1	0	59
	20:00	0	14	19	2	0	0	0	0	5	1	0	0	0	0	41
	20:15	2	9	25	1	3	0	0	0	5	0	0	0	1	0	46
	20:30	0	12	14	0	1	0	0	0	5	0	0	0	0	0	32
	20:45	0	11	21	2	1	0	0	1	10	0	0	0	0	0	46
	21:00	0	10	18	1	0	0	0	0	6	0	0	0	0	0	35
	21:15	0	12	24	1	1	0	0	0	7	0	0	0	2	0	47
	21:30	0	5	19	0	3	0	0	0	5	0	0	0	0	0	32
	21:45	0	7	10	0	1	0	0	0	2	1	0	0	1	0	22
	22:00	0	7	14	0	0	1	0	1	5	0	0	0	0	0	28
	22:15	0	6	11	1	3	0	0	0	2	2	0	0	1	0	26
	22:30	0	6	10	1	1	1	0	1	1	1	0	0	0	0	22
	22:45	0	5	9	0	0	0	0	0	3	0	0	0	0	0	17
	23:00	0	2	9	0	0	0	0	0	3	0	0	0	0	0	14
	23:15	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	23:30	0	7	5	0	1	0	0	0	4	0	0	0	0	0	17
	23:45	0	3	3	0	1	0	0	0	1	0	0	0	0	0	8

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
Daily Total :		10	498	806	25	52	4	0	27	144	12	1	0	25	7	1611
Percent :		1%	31%	50%	2%	3%	0%	0%	2%	9%	1%	0%	0%	2%	0%	
Average :		0	16	26	1	2	0	0	1	5	0	0	0	1	0	52

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	8	2	0	0	0	0	1	2	1	0	0	0	0	14
Tue	00:15	0	1	1	0	1	0	0	2	1	0	0	0	0	0	6
	00:30	0	5	3	0	0	0	0	1	2	0	0	0	0	2	13
	00:45	0	2	0	1	1	0	0	0	4	0	0	0	0	0	8
	01:00	0	2	4	0	3	0	0	0	5	0	0	0	0	0	14
	01:15	0	0	2	0	0	0	0	0	2	0	0	0	0	0	4
	01:30	0	6	2	0	0	0	0	0	1	0	0	0	0	0	9
	01:45	0	2	2	0	0	0	0	0	1	0	0	0	1	0	6
	02:00	0	0	2	0	0	0	0	0	2	0	0	0	0	0	4
	02:15	0	0	0	0	0	0	0	0	8	0	0	0	0	0	8
	02:30	0	0	3	0	1	0	0	1	1	0	0	0	0	0	6
	02:45	0	3	2	0	0	0	0	0	2	0	0	0	0	0	7
	03:00	0	0	2	0	0	0	0	1	2	1	0	0	0	0	6
	03:15	0	1	2	0	0	0	0	1	0	0	0	0	0	0	4
	03:30	0	4	4	0	1	0	0	1	1	0	0	2	2	0	15
	03:45	0	2	2	0	2	0	0	0	0	0	0	1	1	0	8
	04:00	0	2	6	0	0	0	0	0	4	0	0	0	1	0	13
	04:15	0	1	6	0	1	0	0	0	4	0	0	0	0	0	12
	04:30	0	8	9	0	0	0	0	0	4	0	0	0	2	0	23
	04:45	0	8	7	0	1	0	0	1	2	0	0	0	1	0	20
	05:00	0	4	13	0	2	0	0	0	1	1	0	0	0	0	21
	05:15	0	5	12	0	1	0	0	2	4	0	0	0	2	0	26
	05:30	0	12	24	0	3	0	0	1	6	1	0	0	1	0	48
	05:45	0	8	31	1	1	1	0	0	5	0	0	0	0	0	47
	06:00	0	14	22	0	6	0	0	0	4	0	0	1	0	0	47
	06:15	0	22	24	0	4	0	0	0	2	0	0	1	2	0	55
	06:30	0	19	59	0	2	0	0	1	4	0	0	0	0	1	86
	06:45	0	26	45	1	4	2	0	0	5	0	0	0	0	0	83
	07:00	0	18	45	0	2	0	0	0	8	0	0	0	5	0	78
	07:15	0	42	49	0	0	1	0	2	6	1	0	0	2	1	104
	07:30	0	29	58	0	4	1	0	4	7	0	1	1	1	0	106
	07:45	0	30	63	0	4	0	0	2	8	1	1	0	1	0	110
	08:00	0	21	38	1	9	0	0	1	4	0	0	0	2	1	77
	08:15	0	24	40	6	3	0	0	1	10	1	0	0	4	1	90
	08:30	0	17	54	1	2	1	1	5	8	5	0	0	4	2	100
	08:45	0	14	41	2	8	1	0	2	8	0	0	0	0	1	77
	09:00	0	9	43	1	4	1	0	1	4	0	0	0	1	1	65
	09:15	0	11	48	1	10	0	0	3	5	0	0	0	1	1	80
	09:30	0	5	47	0	2	0	0	0	17	0	0	0	3	1	75
	09:45	0	18	49	0	6	1	0	2	11	3	0	0	1	1	92
	10:00	1	25	40	0	4	1	0	4	11	1	0	0	0	1	88
	10:15	0	13	42	0	7	2	0	0	8	1	0	0	1	1	75
	10:30	0	17	39	0	2	3	0	0	12	2	0	0	3	0	78
	10:45	0	25	35	2	5	1	0	3	9	1	0	0	2	1	84
	11:00	0	14	43	0	2	2	0	2	8	0	0	0	3	3	77
	11:15	0	27	45	2	7	2	0	3	7	4	0	1	2	0	100
	11:30	2	21	33	0	1	1	0	0	14	4	0	0	1	0	77
	11:45	1	24	32	0	1	1	1	3	11	9	0	0	6	0	89
	12:00	0	30	32	1	1	1	0	2	9	2	0	0	3	0	81
	12:15	1	34	25	0	0	1	1	0	7	2	0	0	1	2	74

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	24	35	1	1	0	0	0	14	1	0	0	5	1	82
Tue	12:45	0	44	37	1	4	1	0	0	16	3	0	0	1	1	108
	13:00	0	29	31	3	2	0	0	1	13	2	1	0	2	0	84
	13:15	0	35	29	2	2	0	0	2	21	1	0	1	2	0	95
	13:30	0	30	38	0	2	2	0	1	13	1	0	0	1	1	89
	13:45	0	41	36	0	1	1	0	4	10	4	0	0	1	1	99
	14:00	0	33	26	2	1	2	1	6	9	3	0	0	4	0	87
	14:15	1	33	35	2	3	0	0	1	15	2	0	0	4	0	96
	14:30	0	29	31	2	0	1	0	2	13	2	0	0	3	0	83
	14:45	0	28	40	0	6	0	1	3	14	2	0	0	2	0	96
	15:00	0	26	38	2	4	2	1	1	15	1	0	0	3	0	93
	15:15	0	31	22	0	4	1	1	2	9	3	0	0	3	1	77
	15:30	0	52	41	2	2	0	0	1	16	1	0	0	3	1	119
	15:45	0	33	43	4	7	2	1	0	12	2	0	0	3	0	107
	16:00	1	31	40	4	2	1	0	1	10	3	0	0	1	1	95
	16:15	0	33	40	4	5	2	0	1	9	4	0	0	6	0	104
	16:30	0	36	40	1	4	0	0	4	16	0	0	0	2	0	103
	16:45	0	37	45	1	3	3	0	3	12	2	1	0	3	0	110
	17:00	0	41	51	0	1	0	0	3	10	2	0	0	0	1	109
	17:15	1	43	50	1	3	1	0	0	10	2	0	0	0	0	111
	17:30	0	45	44	0	1	1	0	0	9	0	0	0	1	0	101
	17:45	1	46	45	0	3	0	0	1	13	1	0	0	1	1	112
	18:00	0	34	29	0	0	0	0	0	11	2	0	0	1	0	77
	18:15	2	28	33	2	4	0	0	1	12	1	0	0	2	1	86
	18:30	0	25	28	0	3	0	0	1	15	2	0	0	3	1	78
	18:45	1	18	23	4	0	0	0	2	7	1	0	0	1	0	57
	19:00	0	17	26	0	1	2	0	2	6	2	0	0	2	0	58
	19:15	0	20	20	1	3	0	0	1	11	3	0	0	0	0	59
	19:30	1	12	20	2	0	1	0	1	9	2	0	0	2	0	50
	19:45	1	22	20	2	0	0	0	0	10	4	0	0	0	1	60
	20:00	0	16	18	0	2	0	0	1	8	0	0	0	2	0	47
	20:15	0	18	13	3	4	0	0	0	12	1	0	0	1	0	52
	20:30	0	12	16	0	2	0	0	1	6	1	0	0	0	0	38
	20:45	0	17	13	1	3	0	0	1	6	0	0	0	0	0	41
	21:00	0	14	16	0	1	0	0	0	9	1	0	0	1	0	42
	21:15	0	20	15	0	0	0	0	0	8	0	0	0	0	0	43
	21:30	0	10	12	0	1	0	0	0	8	0	0	0	1	0	32
	21:45	0	11	6	1	1	0	0	0	5	1	0	0	1	0	26
	22:00	0	10	7	0	1	0	0	1	5	1	0	0	0	0	25
	22:15	0	16	11	0	0	0	0	0	7	2	0	0	2	0	38
	22:30	0	9	15	0	0	0	0	0	2	0	0	0	0	0	26
	22:45	0	8	13	1	1	0	0	0	2	0	0	0	1	0	26
	23:00	0	13	3	0	0	0	0	0	3	0	0	1	0	0	20
	23:15	0	4	5	0	0	0	0	0	4	0	0	0	1	0	14
	23:30	0	8	4	0	0	0	0	0	6	0	0	0	0	0	18
	23:45	0	3	5	1	0	0	0	0	7	1	0	0	0	0	17
Daily Total :		14	1778	2440	70	206	47	8	102	729	108	4	9	132	33	5680
Percent :		0%	31%	43%	1%	4%	1%	0%	2%	13%	2%	0%	0%	2%	1%	
Average :		0	19	25	1	2	0	0	1	8	1	0	0	1	0	58

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	2	7	0	1	0	0	1	0	3	0	0	1	0	15
Wed	00:15	0	1	5	0	0	0	0	1	2	0	0	0	0	0	9
	00:30	0	1	2	1	0	0	0	1	1	1	0	0	1	0	8
	00:45	0	3	0	0	1	0	0	0	0	1	0	1	0	0	6
	01:00	0	0	1	0	0	0	0	0	4	1	0	0	0	0	6
	01:15	0	2	2	0	0	0	0	0	2	0	0	0	0	0	6
	01:30	0	3	4	0	0	1	0	0	4	0	0	0	1	0	13
	01:45	0	0	1	0	0	0	0	0	2	0	0	0	1	0	4
	02:00	0	1	0	0	0	0	0	1	2	1	0	0	0	0	5
	02:15	0	4	3	0	0	0	0	0	3	0	0	0	0	0	10
	02:30	0	4	0	0	0	0	0	0	0	1	0	0	0	0	5
	02:45	0	3	0	0	0	0	0	0	1	1	0	0	1	0	6
	03:00	0	1	0	0	0	0	0	0	3	2	0	1	0	1	8
	03:15	0	4	2	0	0	0	0	1	4	0	0	1	0	0	12
	03:30	0	7	3	0	0	0	0	0	5	2	0	0	1	0	18
	03:45	0	4	7	0	0	0	0	0	5	1	0	1	1	0	19
	04:00	0	5	1	0	0	0	0	0	2	0	0	0	0	0	8
	04:15	0	3	6	0	0	0	0	0	2	0	0	1	2	0	14
	04:30	0	8	11	0	0	0	0	1	4	0	0	0	1	0	25
	04:45	0	6	6	0	1	0	0	0	0	0	0	0	0	0	13
	05:00	0	10	6	0	1	1	0	0	1	0	0	0	0	0	19
	05:15	0	17	5	0	2	0	0	0	5	0	0	0	2	0	31
	05:30	0	17	24	0	1	0	0	0	2	1	0	1	1	0	47
	05:45	0	17	19	0	0	0	1	1	3	0	0	0	1	0	42
	06:00	0	17	26	0	0	0	0	0	5	0	0	0	0	0	48
	06:15	0	28	27	0	2	0	0	0	5	0	1	1	1	0	65
	06:30	0	45	41	0	0	1	0	1	7	1	0	0	1	0	97
	06:45	0	22	36	0	0	0	0	0	7	1	0	0	2	1	69
	07:00	0	37	32	1	3	1	0	1	8	0	0	0	0	2	85
	07:15	0	40	35	1	1	0	1	1	9	4	0	0	1	3	96
	07:30	0	60	41	1	4	0	1	1	13	3	0	0	1	2	127
	07:45	0	51	42	1	1	1	0	0	8	1	0	0	3	1	109
	08:00	2	34	39	2	6	1	0	0	10	1	0	0	1	3	99
	08:15	0	36	25	5	1	2	0	1	9	3	0	0	0	2	84
	08:30	0	37	33	0	1	0	0	3	6	3	0	0	4	2	89
	08:45	0	33	35	2	1	2	0	2	7	4	1	0	2	1	90
	09:00	0	30	44	1	4	1	0	2	14	0	0	0	2	0	98
	09:15	1	27	28	2	2	0	0	2	8	2	0	0	3	2	77
	09:30	0	28	28	1	3	1	0	4	18	2	0	0	3	0	88
	09:45	1	28	41	0	2	0	0	2	12	1	0	0	4	2	93
	10:00	0	31	34	0	1	0	0	2	7	3	0	0	4	1	83
	10:15	0	16	33	1	6	0	0	0	10	2	0	0	6	0	74
	10:30	0	34	38	0	3	3	1	1	9	2	0	0	2	1	94
	10:45	0	30	49	2	4	1	1	1	8	3	0	0	0	0	99
	11:00	0	29	30	1	2	2	0	1	11	1	0	0	6	3	86
	11:15	0	23	35	1	1	1	0	1	10	3	0	0	1	1	77
	11:30	0	22	37	1	5	0	0	3	13	2	0	0	4	1	88
	11:45	0	24	37	1	1	1	0	3	20	2	0	0	0	1	90
	12:00	0	18	32	3	0	0	0	0	12	2	0	0	2	1	70
	12:15	0	19	28	1	4	1	1	2	13	1	0	1	3	1	75

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	21	44	0	3	1	0	3	8	1	0	0	6	0	87
Wed	12:45	0	26	35	0	2	0	0	0	13	1	0	0	2	2	81
	13:00	0	23	32	2	5	1	0	2	13	1	0	0	6	1	86
	13:15	1	31	24	1	2	3	0	2	16	1	0	0	3	0	84
	13:30	0	17	34	1	8	2	0	1	15	3	0	0	2	1	84
	13:45	0	16	37	2	7	0	0	2	10	3	0	0	7	0	84
	14:00	0	11	30	4	6	0	2	0	12	0	0	2	1	2	70
	14:15	0	21	37	1	8	3	0	3	15	3	0	0	5	1	97
	14:30	0	22	35	5	1	2	0	3	12	6	0	0	2	1	89
	14:45	0	20	35	0	7	1	2	2	10	4	0	0	5	3	89
	15:00	0	27	37	1	7	0	1	2	14	7	0	0	6	0	102
	15:15	0	27	40	1	3	0	0	2	9	5	0	0	3	1	91
	15:30	0	29	29	0	5	1	0	2	10	3	0	0	3	1	83
	15:45	0	26	42	6	2	1	0	6	9	2	0	0	6	0	100
	16:00	0	22	56	6	9	0	0	5	13	1	0	0	5	0	117
	16:15	1	30	50	6	4	0	0	2	9	1	0	0	4	2	109
	16:30	0	29	50	1	4	0	0	2	13	0	0	0	3	1	103
	16:45	0	29	54	3	3	0	1	3	14	3	0	0	0	0	110
	17:00	1	38	51	0	1	0	0	1	8	2	0	0	3	0	105
	17:15	0	42	48	0	3	1	0	3	10	1	0	0	0	1	109
	17:30	0	53	48	0	2	0	0	2	16	2	0	0	2	2	127
	17:45	0	38	38	0	3	1	0	4	12	0	0	0	5	5	106
	18:00	1	23	38	1	3	0	0	3	10	0	0	0	3	1	83
	18:15	0	28	34	0	3	0	0	2	4	1	1	0	2	1	76
	18:30	0	27	33	2	2	0	0	1	6	1	0	0	3	1	76
	18:45	0	18	25	2	3	0	0	1	11	1	0	0	4	0	65
	19:00	0	12	26	0	0	1	0	1	8	1	0	0	0	0	49
	19:15	0	9	19	2	0	0	0	2	11	2	0	0	0	1	46
	19:30	0	12	14	1	2	1	0	1	5	0	0	0	3	0	39
	19:45	1	17	20	1	3	0	0	0	6	1	0	0	1	1	51
	20:00	0	17	25	0	1	0	0	0	9	1	0	0	0	0	53
	20:15	0	19	13	2	2	0	0	1	9	0	0	0	2	0	48
	20:30	0	13	18	0	0	0	0	0	5	0	0	0	2	1	39
	20:45	0	18	17	0	0	0	0	1	6	0	0	0	0	0	42
	21:00	1	12	17	1	1	0	0	0	5	2	0	0	0	0	39
	21:15	0	12	22	0	1	0	0	1	4	1	0	0	0	0	41
	21:30	0	15	11	0	1	0	0	2	7	0	0	0	0	1	37
	21:45	0	9	8	0	0	0	0	2	8	0	0	0	1	2	30
	22:00	0	12	9	0	1	0	0	1	5	2	0	0	0	0	30
	22:15	0	9	7	0	0	0	0	0	4	0	0	0	0	1	21
	22:30	0	5	13	0	1	0	0	1	3	1	0	0	0	1	25
	22:45	0	5	6	0	0	0	0	1	3	0	0	0	0	0	15
	23:00	0	10	8	0	0	0	0	1	2	0	0	0	1	1	23
	23:15	0	4	9	1	0	0	0	0	4	3	0	0	0	0	21
	23:30	0	2	10	0	0	0	0	0	3	2	0	0	0	1	18
	23:45	0	3	3	0	0	0	0	0	4	0	0	0	0	0	10
Daily Total :		10	1831	2312	82	184	40	12	115	719	131	3	10	171	69	5689
	Percent :	0%	32%	41%	1%	3%	1%	0%	2%	13%	2%	0%	0%	3%	1%	
	Average :	0	19	24	1	2	0	0	1	7	1	0	0	2	1	58

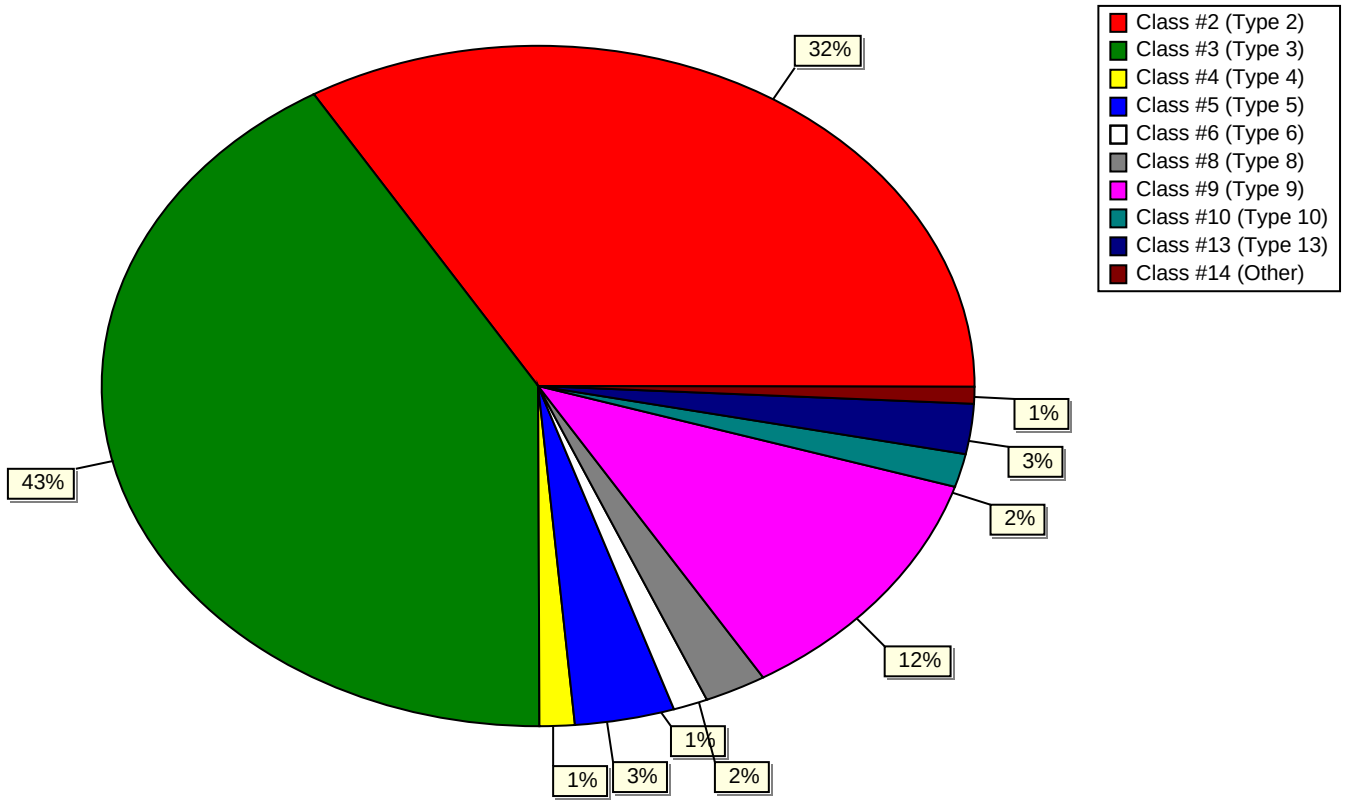
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	3	3	1	0	0	0	0	2	1	0	0	0	0	10
Thu	00:15	0	3	3	0	0	0	0	0	5	0	0	0	0	0	11
	00:30	0	3	3	0	0	0	0	1	1	0	0	0	0	0	8
	00:45	0	1	1	0	0	0	0	0	2	0	0	0	0	0	4
	01:00	0	1	4	1	0	0	0	1	1	0	0	0	0	0	8
	01:15	0	1	1	0	1	0	0	1	1	0	0	0	0	1	6
	01:30	0	2	4	0	0	0	0	0	1	0	0	0	0	2	9
	01:45	0	2	2	0	0	0	0	0	1	0	0	0	0	0	5
	02:00	0	0	2	0	1	0	0	0	0	1	0	0	0	1	5
	02:15	0	0	1	0	1	0	0	1	3	2	0	0	2	0	10
	02:30	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	02:45	0	0	0	0	1	0	0	1	3	1	0	0	0	0	6
	03:00	0	1	2	0	0	0	0	0	3	1	0	1	0	0	8
	03:15	0	3	3	0	0	0	0	0	1	0	0	0	1	0	8
	03:30	0	9	5	0	1	0	0	0	2	3	0	0	2	0	22
	03:45	0	1	3	0	0	0	0	0	1	1	0	1	0	1	8
	04:00	0	2	2	0	2	0	0	0	1	1	0	0	1	0	9
	04:15	0	4	7	0	0	0	0	1	4	1	0	0	1	0	18
	04:30	0	12	11	0	0	0	0	0	2	1	0	0	2	0	28
	04:45	0	9	4	0	0	0	0	0	0	1	0	0	0	0	14
	05:00	0	11	3	0	0	0	0	0	5	1	0	0	0	2	22
	05:15	0	13	15	0	0	0	0	0	3	2	0	0	2	0	35
	05:30	0	19	24	0	0	0	0	0	2	1	0	0	2	1	49
	05:45	0	8	26	0	4	1	0	0	2	0	0	1	0	1	43
	06:00	0	15	19	0	0	0	0	3	5	2	0	0	1	0	45
	06:15	0	21	24	0	3	0	0	1	6	0	0	0	1	1	57
	06:30	0	30	49	0	3	0	0	0	1	1	0	0	1	1	86
	06:45	0	26	26	0	0	1	0	2	4	0	2	1	2	0	64
	07:00	0	27	29	0	4	1	2	1	4	1	0	0	2	1	72
	07:15	0	34	45	1	4	1	0	2	2	2	0	0	5	3	99
	07:30	0	26	55	1	3	0	0	0	6	0	0	0	3	2	96
	07:45	0	20	58	1	2	1	1	0	3	3	1	0	2	2	94
	08:00	1	18	41	4	5	1	0	5	8	1	0	0	1	0	85
	08:15	0	29	37	4	2	2	0	2	4	5	1	0	5	3	94
	08:30	0	22	36	1	2	0	0	0	8	1	0	0	4	2	76
	08:45	0	19	33	1	6	0	0	3	9	2	0	0	2	0	75
	09:00	0	25	35	1	5	1	0	0	5	2	0	0	0	1	75
Daily Total :		1	423	618	16	50	9	3	25	111	38	4	4	42	25	1369
	Percent :	0%	31%	45%	1%	4%	1%	0%	2%	8%	3%	0%	0%	3%	2%	
	Average :	0	11	17	0	1	0	0	1	3	1	0	0	1	1	36

Basic Axle Class Summary: 2D0021456

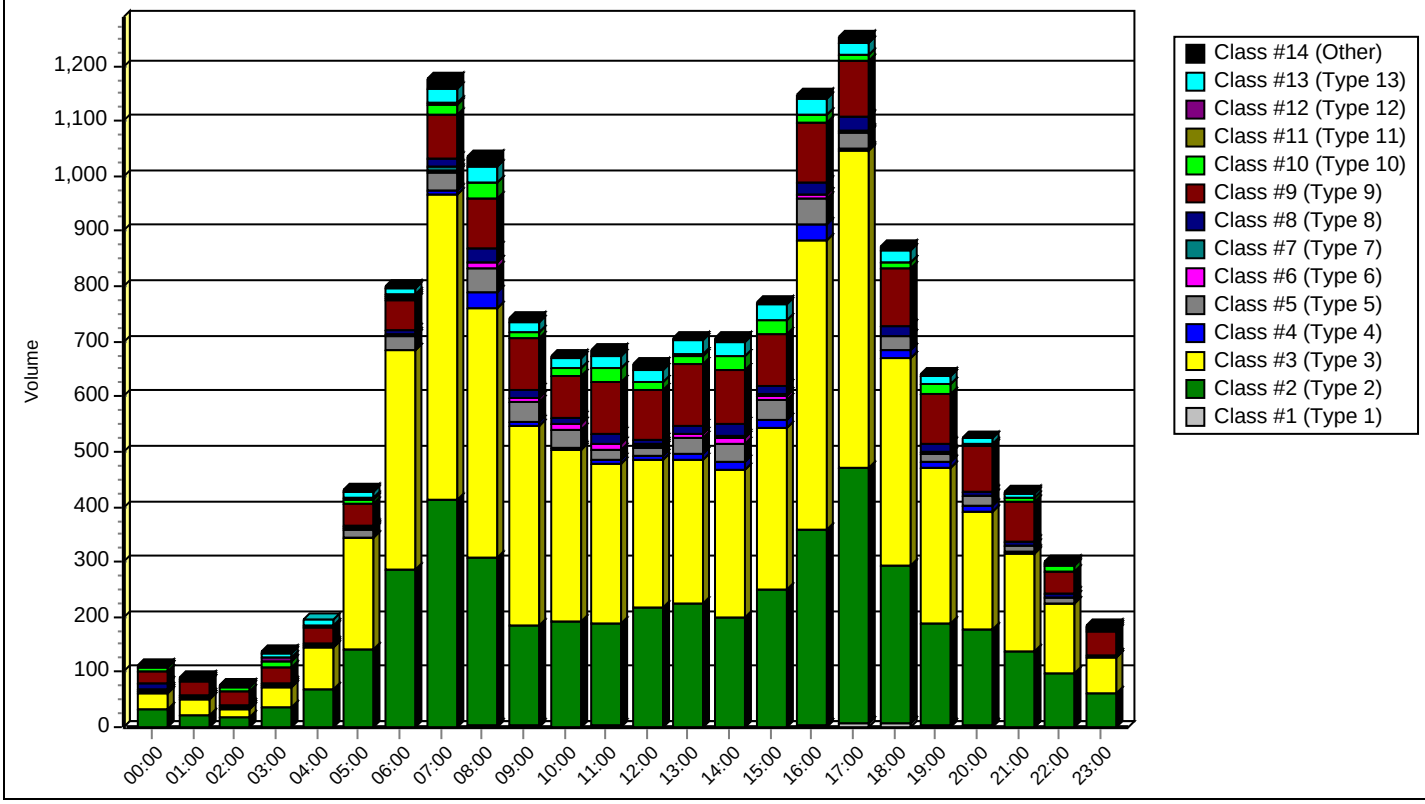
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	35	4530	6176	193	492	100	23	269	1703	289	12	23	370	134	14349
		35	4530	6176	193	492	100	23	269	1703	289	12	23	370	134	14349
Percents :	#1.	0%	32%	43%	1%	3%	1%	0%	2%	12%	2%	0%	0%	3%	1%	100%
		0%	32%	43%	1%	3%	1%	0%	2%	12%	2%	0%	0%	3%	1%	
Average :	#1.	0	17	24	1	2	0	0	1	7	1	0	0	1	1	55
		0	17	24	1	2	0	0	1	7	1	0	0	1	1	55
Days & ADT :	#1.	2.7	5298													
		2.7	5298													

2D0021456 Axle Class Charts For Data From: 16:15 - 04/11/2011 To: 09:29 - 04/14/2011

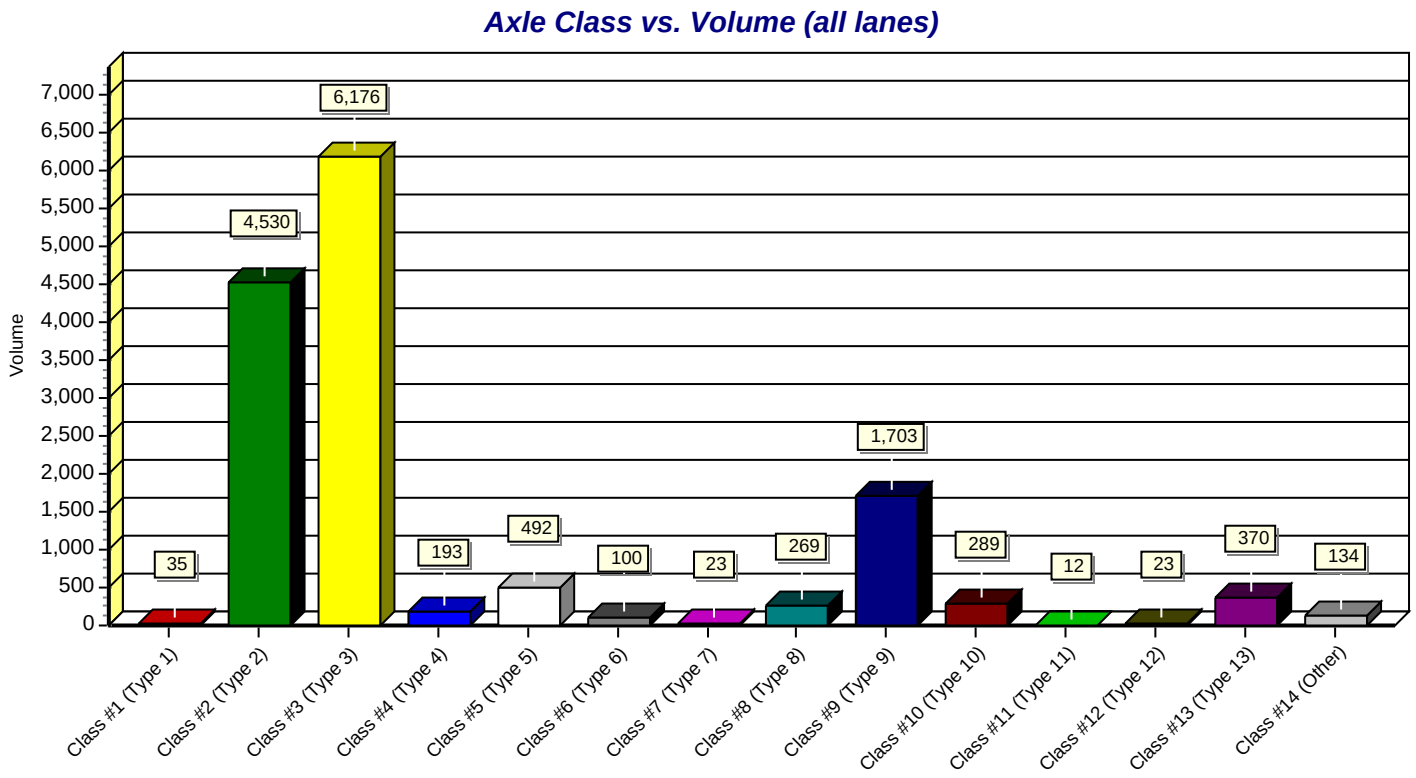
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0021456 Axle Class Charts For Data From: 16:15 - 04/11/2011 To: 09:29 - 04/14/2011



Basic Speed Classification Report: 2D0021456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 16:15 - 04/11/2011 To: 09:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	16:15	0	0	0	0	0	0	0	0	3	10	38	30	7	4	0	0	92
Mon	16:30	0	0	0	0	0	0	0	0	0	11	34	45	6	2	1	0	99
	16:45	0	0	0	0	0	0	0	0	0	4	40	49	10	2	0	0	105
	17:00	0	0	0	0	0	0	0	0	2	4	24	49	24	0	0	0	103
	17:15	0	0	0	0	0	0	0	1	2	4	30	44	9	1	0	0	91
	17:30	1	0	0	0	0	0	0	0	0	13	34	28	11	2	0	0	89
	17:45	0	0	0	0	0	0	0	1	1	9	35	40	4	0	0	0	90
	18:00	0	0	0	0	0	0	0	0	0	8	27	32	17	2	0	0	86
	18:15	0	0	0	0	0	0	0	0	1	3	22	40	6	2	1	0	75
	18:30	0	0	0	0	0	0	0	0	0	1	19	26	5	2	1	0	54
	18:45	0	0	0	0	0	0	0	0	0	2	15	27	13	3	1	0	61
	19:00	0	0	0	0	0	0	0	0	1	2	19	27	10	2	0	0	61
	19:15	0	0	0	0	0	0	0	0	0	2	14	22	6	4	0	0	48
	19:30	0	0	0	0	0	0	0	0	0	4	17	19	21	0	0	0	61
	19:45	0	0	0	0	0	0	0	0	0	3	13	29	10	2	2	0	59
	20:00	0	0	0	0	0	0	0	0	0	3	15	17	5	1	0	0	41
	20:15	0	0	0	0	0	0	0	1	0	7	14	16	5	3	0	0	46
	20:30	0	0	0	0	0	0	0	0	0	2	17	10	2	1	0	0	32
	20:45	0	0	0	0	0	0	0	1	2	3	19	19	2	0	0	0	46
	21:00	0	0	0	0	0	0	0	0	2	7	13	10	2	1	0	0	35
	21:15	0	0	0	0	0	0	0	0	1	5	24	14	0	3	0	0	47
	21:30	0	0	0	0	0	0	0	0	0	4	8	12	8	0	0	0	32
	21:45	0	0	0	0	0	0	0	0	0	1	3	11	6	1	0	0	22
	22:00	0	0	0	0	0	0	0	2	0	4	6	12	4	0	0	0	28
	22:15	0	0	0	0	0	0	0	0	0	1	2	16	4	1	2	0	26
	22:30	0	0	0	0	0	0	0	0	0	0	5	13	3	1	0	0	22
	22:45	0	0	0	0	0	0	0	1	0	1	2	12	1	0	0	0	17
	23:00	0	0	0	0	0	0	0	1	1	1	4	6	1	0	0	0	14
	23:15	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4
	23:30	0	0	0	0	0	0	0	0	0	2	3	10	2	0	0	0	17
	23:45	0	0	0	0	0	0	0	0	0	1	1	4	2	0	0	0	8
Daily Total :		1	0	0	0	0	0	0	8	16	122	517	693	206	40	8	0	1611
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	8%	32%	43%	13%	2%	0%	0%	
Average :		0	0	0	0	0	0	0	0	1	4	17	22	7	1	0	0	55

Speeds - Average: 71.0 50% : 71.1 67% : 73.1 85% : 75.4 10mph Pace: 65.0 - 74.9 (75.1%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	2	6	6	0	0	0	0	14
Tue	00:15	0	0	0	0	0	0	0	0	0	1	2	2	0	1	0	0	6
	00:30	0	0	0	0	0	0	0	0	1	2	3	5	1	1	0	0	13
	00:45	0	0	0	0	0	0	0	0	1	0	1	5	1	0	0	0	8
	01:00	0	0	0	0	0	0	0	0	0	1	4	6	2	1	0	0	14
	01:15	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	4
	01:30	0	0	0	0	0	0	0	0	0	0	2	4	2	1	0	0	9
	01:45	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	6
	02:00	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	4
	02:15	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	8
	02:30	0	0	0	0	0	0	0	0	0	1	0	2	3	0	0	0	6
	02:45	0	0	0	0	0	0	0	0	0	2	3	2	0	0	0	0	7
	03:00	0	0	0	0	0	0	0	0	0	1	0	5	0	0	0	0	6
	03:15	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	03:30	0	0	0	0	0	0	0	0	0	0	3	8	3	0	1	0	15
	03:45	0	0	0	0	0	0	0	0	0	0	1	5	2	0	0	0	8
	04:00	0	0	0	0	0	0	0	0	0	2	4	5	1	1	0	0	13
	04:15	0	0	0	0	0	0	0	0	1	1	4	4	2	0	0	0	12
	04:30	0	0	0	0	0	0	0	0	0	2	6	12	1	0	2	0	23
	04:45	0	0	0	0	0	0	0	0	2	2	3	8	4	1	0	0	20
	05:00	0	0	0	0	0	0	0	0	0	2	1	6	8	4	0	0	21
	05:15	0	0	0	0	0	0	0	0	0	1	1	13	10	1	0	0	26
	05:30	0	0	0	0	0	0	0	0	0	3	9	25	11	0	0	0	48
	05:45	0	0	0	0	0	1	0	0	0	2	12	20	12	0	0	0	47
	06:00	0	0	0	0	0	0	0	0	0	1	12	27	6	1	0	0	47
	06:15	0	0	0	0	0	0	0	0	0	5	8	31	7	2	2	0	55
	06:30	0	0	0	0	0	0	0	0	0	3	26	44	10	2	1	0	86
	06:45	0	0	0	0	0	0	0	0	0	1	9	43	21	7	2	0	83
	07:00	0	0	0	0	0	0	0	0	1	1	18	35	21	1	1	0	78
	07:15	0	0	0	0	0	0	0	0	0	7	26	52	17	2	0	0	104
	07:30	0	0	0	0	0	0	0	0	1	8	28	52	15	1	1	0	106
	07:45	0	0	0	0	0	0	0	0	0	2	36	49	19	3	1	0	110
	08:00	0	0	0	0	0	0	0	0	2	12	19	29	11	3	1	0	77
	08:15	0	0	0	0	0	0	0	4	6	5	25	36	14	0	0	0	90
	08:30	0	0	0	0	0	0	0	0	1	7	38	39	11	3	1	0	100
	08:45	0	0	1	0	0	0	0	0	1	9	25	30	9	2	0	0	77
	09:00	0	0	0	0	0	0	0	0	0	3	10	30	20	2	0	0	65
	09:15	0	0	0	0	0	0	1	1	0	4	28	28	17	1	0	0	80
	09:30	0	0	0	0	0	0	0	0	0	3	20	36	16	0	0	0	75
	09:45	0	0	0	0	0	0	0	1	3	6	27	42	9	3	1	0	92
	10:00	1	0	0	0	0	0	0	0	1	4	31	40	10	1	0	0	88
	10:15	0	0	0	0	0	0	0	0	2	4	30	32	4	3	0	0	75
	10:30	0	0	0	0	0	0	0	1	0	9	22	29	14	3	0	0	78
	10:45	0	0	0	0	0	0	0	0	2	6	23	40	10	3	0	0	84
	11:00	0	0	0	0	0	0	1	0	1	4	21	39	8	2	1	0	77
	11:15	0	0	0	0	0	0	0	1	2	18	46	25	7	0	1	0	100
	11:30	0	0	0	0	0	0	0	1	6	27	27	11	5	0	0	0	77
	11:45	0	0	0	0	0	0	0	0	6	26	42	15	0	0	0	0	89
	12:00	0	0	0	0	0	0	0	0	2	17	43	17	2	0	0	0	81
	12:15	2	0	0	0	0	0	0	0	6	12	38	14	1	1	0	0	74

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	1	5	24	39	11	2	0	0	0	82
Tue	12:45	0	0	0	0	0	0	0	1	5	35	51	13	3	0	0	0	108
	13:00	0	0	0	0	0	0	0	5	6	24	37	11	1	0	0	0	84
	13:15	0	0	0	0	0	0	0	3	1	32	48	7	4	0	0	0	95
	13:30	0	0	0	0	0	0	1	2	5	18	45	15	3	0	0	0	89
	13:45	0	0	0	0	0	0	0	0	11	27	50	9	2	0	0	0	99
	14:00	0	0	0	0	0	0	0	1	1	15	45	22	3	0	0	0	87
	14:15	0	0	0	0	0	0	0	3	5	14	53	16	1	4	0	0	96
	14:30	0	0	0	0	0	1	0	0	7	26	30	15	4	0	0	0	83
	14:45	0	0	0	0	0	0	0	3	7	21	42	22	1	0	0	0	96
	15:00	1	0	0	0	0	0	0	3	3	20	44	19	3	0	0	0	93
	15:15	0	0	0	0	0	0	1	0	7	23	33	13	0	0	0	0	77
	15:30	0	0	0	0	0	0	1	2	6	23	62	21	4	0	0	0	119
	15:45	0	0	0	0	0	0	0	1	4	21	46	31	3	1	0	0	107
	16:00	0	0	0	0	0	0	0	4	8	23	36	21	3	0	0	0	95
	16:15	0	0	0	0	0	0	0	0	3	27	52	21	1	0	0	0	104
	16:30	0	0	0	0	0	0	0	0	3	18	54	26	1	0	1	0	103
	16:45	0	0	0	0	0	0	0	0	3	10	57	31	9	0	0	0	110
	17:00	0	0	0	0	0	1	0	0	0	15	48	42	3	0	0	0	109
	17:15	0	0	0	0	0	0	1	0	3	12	59	26	9	1	0	0	111
	17:30	0	0	0	0	0	0	0	1	1	16	41	32	9	0	1	0	101
	17:45	0	0	0	0	0	0	0	1	0	12	44	42	11	2	0	0	112
	18:00	0	0	0	0	0	0	0	0	0	8	33	29	7	0	0	0	77
	18:15	0	0	0	0	0	0	0	0	0	15	40	23	7	1	0	0	86
	18:30	0	0	0	0	0	0	0	1	2	9	34	27	5	0	0	0	78
	18:45	0	0	0	0	0	0	0	0	0	4	28	17	7	1	0	0	57
	19:00	0	0	0	0	0	0	0	0	2	6	20	25	1	2	2	0	58
	19:15	0	0	0	0	0	0	0	0	2	6	26	18	4	0	3	0	59
	19:30	0	0	0	0	0	0	0	0	1	12	20	14	2	0	1	0	50
	19:45	1	0	0	0	0	0	0	0	2	9	23	23	2	0	0	0	60
	20:00	0	0	0	0	0	0	0	0	1	4	27	15	0	0	0	0	47
	20:15	0	0	0	0	0	0	0	0	3	4	25	18	2	0	0	0	52
	20:30	0	0	0	0	0	0	0	1	3	6	17	10	1	0	0	0	38
	20:45	0	0	0	0	0	0	0	0	1	6	21	11	2	0	0	0	41
	21:00	0	0	0	0	0	0	0	0	2	6	20	13	0	1	0	0	42
	21:15	0	0	0	0	0	0	0	0	2	10	16	12	3	0	0	0	43
	21:30	0	0	0	0	0	0	0	0	0	4	19	6	3	0	0	0	32
	21:45	0	0	0	0	0	0	0	0	0	2	12	9	3	0	0	0	26
	22:00	0	0	0	0	0	0	2	0	3	2	9	8	0	1	0	0	25
	22:15	0	0	0	0	0	0	0	0	3	8	15	11	1	0	0	0	38
	22:30	0	0	0	0	0	0	0	0	1	3	13	5	2	2	0	0	26
	22:45	0	0	0	0	0	0	0	0	0	1	10	15	0	0	0	0	26
	23:00	0	0	0	0	0	0	0	0	2	4	10	2	1	1	0	0	20
	23:15	0	0	0	0	0	0	0	1	3	3	5	2	0	0	0	0	14
	23:30	0	0	0	0	0	0	0	0	1	5	5	6	0	1	0	0	18
	23:45	0	0	0	0	0	0	0	0	1	3	10	3	0	0	0	0	17

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		5	0	1	0	0	3	8	43	178	826	2226	1807	483	76	24	0	5680
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	3%	15%	39%	32%	9%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	2	9	23	19	5	1	0	0	52

Speeds - Average: 69.1 50% : 69.0 67% : 71.5 85% : 74.3 10mph Pace: 65.0 - 74.9 (71.0%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	1	2	6	4	1	0	1	0	15
Wed	00:15	0	0	0	0	0	0	0	0	1	1	4	3	0	0	0	0	9
	00:30	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0	0	8
	00:45	0	0	0	0	0	0	0	0	0	3	1	2	0	0	0	0	6
	01:00	0	0	0	0	0	0	0	1	0	0	4	1	0	0	0	0	6
	01:15	0	0	0	0	0	0	0	0	0	1	2	2	0	0	1	0	6
	01:30	0	0	0	0	0	0	0	0	1	2	3	6	1	0	0	0	13
	01:45	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	4
	02:00	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
	02:15	0	0	0	0	0	0	0	1	0	2	5	1	0	1	0	0	10
	02:30	0	0	0	0	0	0	0	0	1	0	3	0	1	0	0	0	5
	02:45	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	0	0	5	3	0	0	0	0	8
	03:15	0	0	0	0	0	0	0	0	1	0	8	2	1	0	0	0	12
	03:30	0	0	0	0	0	0	0	0	0	4	9	4	1	0	0	0	18
	03:45	0	0	0	0	0	0	0	0	1	4	7	6	1	0	0	0	19
	04:00	0	0	0	0	0	0	0	0	1	3	2	2	0	0	0	0	8
	04:15	0	0	0	0	0	0	0	0	0	2	6	6	0	0	0	0	14
	04:30	0	0	0	0	0	0	0	1	2	3	5	10	2	0	2	0	25
	04:45	0	0	0	0	0	0	0	0	1	0	2	7	2	1	0	0	13
	05:00	0	0	0	0	0	0	0	0	0	0	12	7	0	0	0	0	19
	05:15	0	0	0	0	0	0	0	0	0	9	8	10	1	1	2	0	31
	05:30	0	0	0	0	0	0	0	0	1	5	17	21	3	0	0	0	47
	05:45	0	0	0	0	0	0	0	0	0	5	25	7	1	3	1	0	42
	06:00	0	0	0	0	0	0	0	0	2	6	21	16	2	1	0	0	48
	06:15	0	0	0	0	0	0	0	0	1	4	34	25	1	0	0	0	65
	06:30	0	0	0	0	0	0	0	0	2	8	40	37	7	3	0	0	97
	06:45	0	0	0	0	0	0	0	0	1	4	39	22	2	1	0	0	69
	07:00	0	0	0	0	0	0	0	0	1	15	37	24	8	0	0	0	85
	07:15	0	0	1	0	0	0	0	0	5	23	45	21	0	1	0	0	96
	07:30	1	0	0	0	0	0	0	0	4	26	70	24	1	1	0	0	127
	07:45	0	0	0	0	0	0	0	0	2	22	52	27	6	0	0	0	109
	08:00	0	0	0	0	0	0	0	1	12	22	47	16	1	0	0	0	99
	08:15	0	0	0	0	0	0	0	1	6	19	36	18	3	1	0	0	84
	08:30	0	0	0	0	0	0	0	1	3	19	47	16	1	1	1	0	89
	08:45	0	0	0	0	0	0	0	1	7	30	32	18	2	0	0	0	90
	09:00	0	0	0	0	0	0	1	1	13	28	37	14	4	0	0	0	98
	09:15	0	0	0	0	0	0	0	1	11	27	29	7	2	0	0	0	77
	09:30	0	0	0	0	0	0	0	0	9	31	32	14	2	0	0	0	88
	09:45	1	0	0	0	0	0	2	4	5	25	44	11	1	0	0	0	93
	10:00	1	0	0	0	0	0	0	1	6	12	35	25	3	0	0	0	83
	10:15	0	0	0	0	0	0	0	1	9	16	31	11	5	0	1	0	74
	10:30	0	0	0	0	0	0	0	0	8	30	37	15	4	0	0	0	94
	10:45	0	0	0	0	0	0	0	0	8	21	41	23	4	1	1	0	99
	11:00	0	0	0	0	0	0	0	3	10	29	34	7	3	0	0	0	86
	11:15	0	0	0	0	0	0	0	0	4	23	32	14	4	0	0	0	77
	11:30	0	0	0	0	0	0	0	0	7	24	44	11	2	0	0	0	88
	11:45	0	0	0	0	0	0	0	5	9	15	36	23	2	0	0	0	90
	12:00	0	0	0	0	0	0	1	3	1	9	41	13	2	0	0	0	70
	12:15	0	0	0	0	0	0	0	1	5	20	32	14	3	0	0	0	75

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	3	30	32	20	2	0	0	0	87
Wed	12:45	0	0	0	0	0	0	0	0	8	18	32	17	6	0	0	0	81
	13:00	0	0	0	0	0	0	0	0	3	19	44	17	3	0	0	0	86
	13:15	0	0	0	0	0	0	0	0	4	25	38	13	3	1	0	0	84
	13:30	0	0	0	0	0	0	1	1	5	17	39	20	1	0	0	0	84
	13:45	0	0	0	0	0	0	0	0	5	17	34	25	2	1	0	0	84
	14:00	0	0	0	0	0	0	1	2	3	16	31	15	2	0	0	0	70
	14:15	0	0	0	0	0	0	0	0	7	27	35	24	2	2	0	0	97
	14:30	0	0	0	0	0	0	0	1	2	18	40	21	6	0	1	0	89
	14:45	1	0	0	0	0	0	0	1	7	21	33	23	3	0	0	0	89
	15:00	0	0	0	0	0	0	0	5	6	38	30	17	6	0	0	0	102
	15:15	0	0	0	0	0	0	0	0	1	27	36	23	4	0	0	0	91
	15:30	0	0	0	0	0	0	0	0	6	16	36	22	3	0	0	0	83
	15:45	0	0	0	0	0	0	0	0	4	21	41	28	4	2	0	0	100
	16:00	0	0	0	0	0	0	0	3	5	19	46	38	5	1	0	0	117
	16:15	0	0	0	1	0	0	1	0	4	21	37	35	8	2	0	0	109
	16:30	0	0	0	0	0	1	0	1	2	16	36	38	9	0	0	0	103
	16:45	0	0	0	0	0	0	0	2	3	14	43	40	8	0	0	0	110
	17:00	0	0	0	0	0	0	0	2	6	17	42	31	6	1	0	0	105
	17:15	0	0	0	0	0	0	0	0	6	29	35	33	5	1	0	0	109
	17:30	0	0	0	0	0	0	0	0	6	29	51	35	5	1	0	0	127
	17:45	0	0	0	0	0	0	0	0	4	18	44	35	5	0	0	0	106
	18:00	0	0	0	0	0	1	0	0	1	14	43	19	4	0	1	0	83
	18:15	0	0	0	0	0	0	0	1	1	9	32	28	5	0	0	0	76
	18:30	0	0	0	0	0	0	0	0	5	9	30	22	8	2	0	0	76
	18:45	0	0	0	0	0	0	0	0	2	8	25	24	6	0	0	0	65
	19:00	0	0	0	0	0	0	0	0	1	13	13	19	3	0	0	0	49
	19:15	0	0	0	0	0	0	0	1	2	4	18	16	3	2	0	0	46
	19:30	0	0	0	0	0	0	1	1	1	6	11	13	4	2	0	0	39
	19:45	0	0	0	0	0	0	0	1	2	5	20	17	5	0	1	0	51
	20:00	0	0	0	0	0	0	0	0	6	6	22	14	3	2	0	0	53
	20:15	0	0	0	0	0	0	0	0	1	10	26	9	1	1	0	0	48
	20:30	0	0	0	0	0	0	0	2	1	8	14	11	3	0	0	0	39
	20:45	0	0	0	0	0	0	0	0	1	11	17	11	1	0	1	0	42
	21:00	0	0	0	0	0	1	0	0	4	9	13	9	2	1	0	0	39
	21:15	0	0	0	0	0	0	0	0	5	10	13	13	0	0	0	0	41
	21:30	0	0	0	0	0	0	0	0	1	5	19	12	0	0	0	0	37
	21:45	0	0	0	0	0	0	0	0	1	6	15	7	1	0	0	0	30
	22:00	0	0	0	0	0	0	0	0	2	7	13	8	0	0	0	0	30
	22:15	0	0	0	0	0	0	0	0	1	1	8	10	1	0	0	0	21
	22:30	0	0	0	0	0	0	0	0	1	2	7	13	1	1	0	0	25
	22:45	0	0	0	0	0	1	0	1	1	1	3	7	1	0	0	0	15
	23:00	0	0	0	0	0	0	0	0	0	1	8	8	6	0	0	0	23
	23:15	0	0	0	0	0	0	0	0	2	1	9	5	4	0	0	0	21
	23:30	0	0	0	0	0	0	0	0	1	1	5	10	1	0	0	0	18
	23:45	0	0	0	0	0	0	0	0	0	0	4	5	1	0	0	0	10

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	0	1	1	0	4	8	52	306	1179	2375	1454	252	39	14	0	5689
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	5%	21%	42%	26%	4%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	3	12	25	15	3	0	0	0	59

Speeds - Average: 67.6 50% : 67.7 67% : 69.8 85% : 73.1 10mph Pace: 65.0 - 74.9 (67.3%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	1	0	3	4	2	0	0	0	10
Thu	00:15	0	0	0	0	0	0	0	0	2	1	4	3	1	0	0	0	11
	00:30	0	0	0	0	0	0	0	0	0	1	2	3	2	0	0	0	8
	00:45	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	01:00	0	0	0	0	0	0	0	0	0	0	5	3	0	0	0	0	8
	01:15	0	0	0	0	0	0	0	0	1	2	1	2	0	0	0	0	6
	01:30	0	0	0	0	0	0	0	0	1	1	3	4	0	0	0	0	9
	01:45	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	5
	02:00	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	5
	02:15	0	0	0	0	0	0	2	2	1	2	2	0	0	1	0	0	10
	02:30	0	0	0	0	0	0	0	0	0	0	3	1	0	1	0	0	5
	02:45	0	0	0	0	0	0	0	0	1	1	3	0	1	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	1	1	5	1	0	0	0	0	8
	03:15	0	0	0	0	0	0	0	0	0	1	6	1	0	0	0	0	8
	03:30	0	0	0	0	0	0	0	1	2	4	3	10	2	0	0	0	22
	03:45	0	0	0	0	0	0	0	0	1	0	4	2	1	0	0	0	8
	04:00	0	0	0	0	0	0	0	0	2	1	3	3	0	0	0	0	9
	04:15	0	0	0	0	0	0	0	0	1	4	6	5	1	1	0	0	18
	04:30	0	0	0	0	0	0	0	0	1	5	6	13	2	0	1	0	28
	04:45	0	0	0	0	0	0	0	0	1	3	5	3	1	0	1	0	14
	05:00	0	0	0	0	0	0	0	2	1	4	9	5	0	1	0	0	22
	05:15	0	0	0	0	0	0	0	0	1	4	11	17	1	0	1	0	35
	05:30	0	0	0	0	0	0	0	0	0	6	22	20	1	0	0	0	49
	05:45	0	0	0	0	0	0	0	1	1	4	18	13	6	0	0	0	43
	06:00	0	0	0	0	0	0	0	0	3	7	16	16	2	1	0	0	45
	06:15	0	0	0	0	0	0	0	0	1	4	23	25	4	0	0	0	57
	06:30	0	0	0	0	0	0	0	0	0	3	22	34	23	3	1	0	86
	06:45	0	0	0	0	0	0	0	0	0	6	23	18	13	3	1	0	64
	07:00	0	0	0	0	0	0	0	0	0	3	22	33	11	3	0	0	72
	07:15	0	0	0	0	0	0	0	0	1	9	29	44	14	1	1	0	99
	07:30	0	0	0	0	0	0	0	0	0	0	16	45	27	8	0	0	96
	07:45	0	0	0	0	0	0	0	1	0	6	19	39	21	8	0	0	94
	08:00	0	0	0	0	0	0	0	0	2	10	18	33	20	0	2	0	85
	08:15	0	0	1	0	0	0	0	0	0	10	22	49	10	1	1	0	94
	08:30	0	0	0	0	0	0	0	0	0	8	33	27	8	0	0	0	76
	08:45	1	0	0	0	0	0	0	1	1	8	30	21	7	6	0	0	75
	09:00	0	0	0	0	0	0	0	1	5	4	35	28	2	0	0	0	75
Daily Total :		1	0	1	0	0	0	2	9	32	124	438	530	184	39	9	0	1369
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	2%	9%	32%	39%	13%	3%	1%	0%	
Average :		0	0	0	0	0	0	0	0	1	3	12	14	5	1	0	0	59

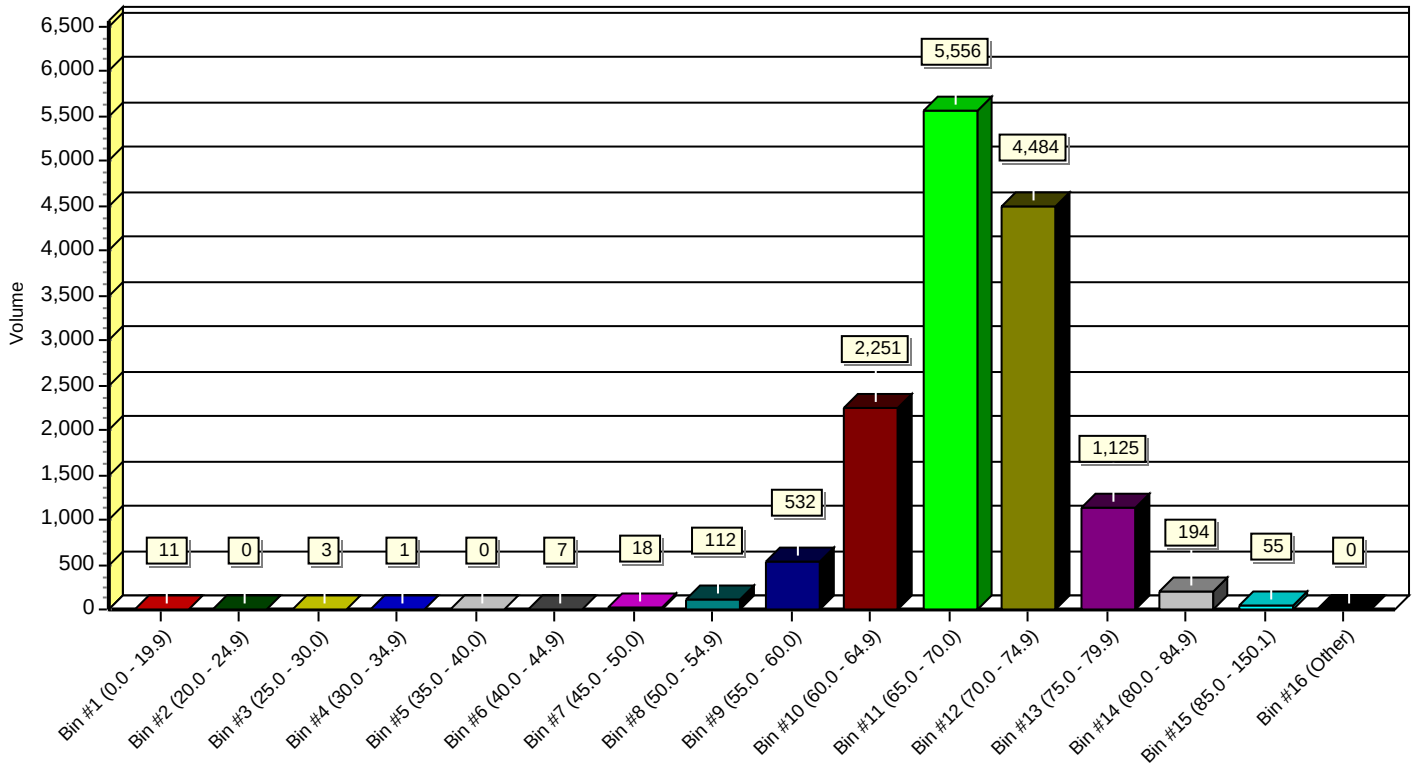
Speeds - Average: 70.6 50% : 70.9 67% : 72.9 85% : 75.9 10mph Pace: 65.0 - 74.9 (70.7%)

Basic Speed Class Summary: 2D0021456

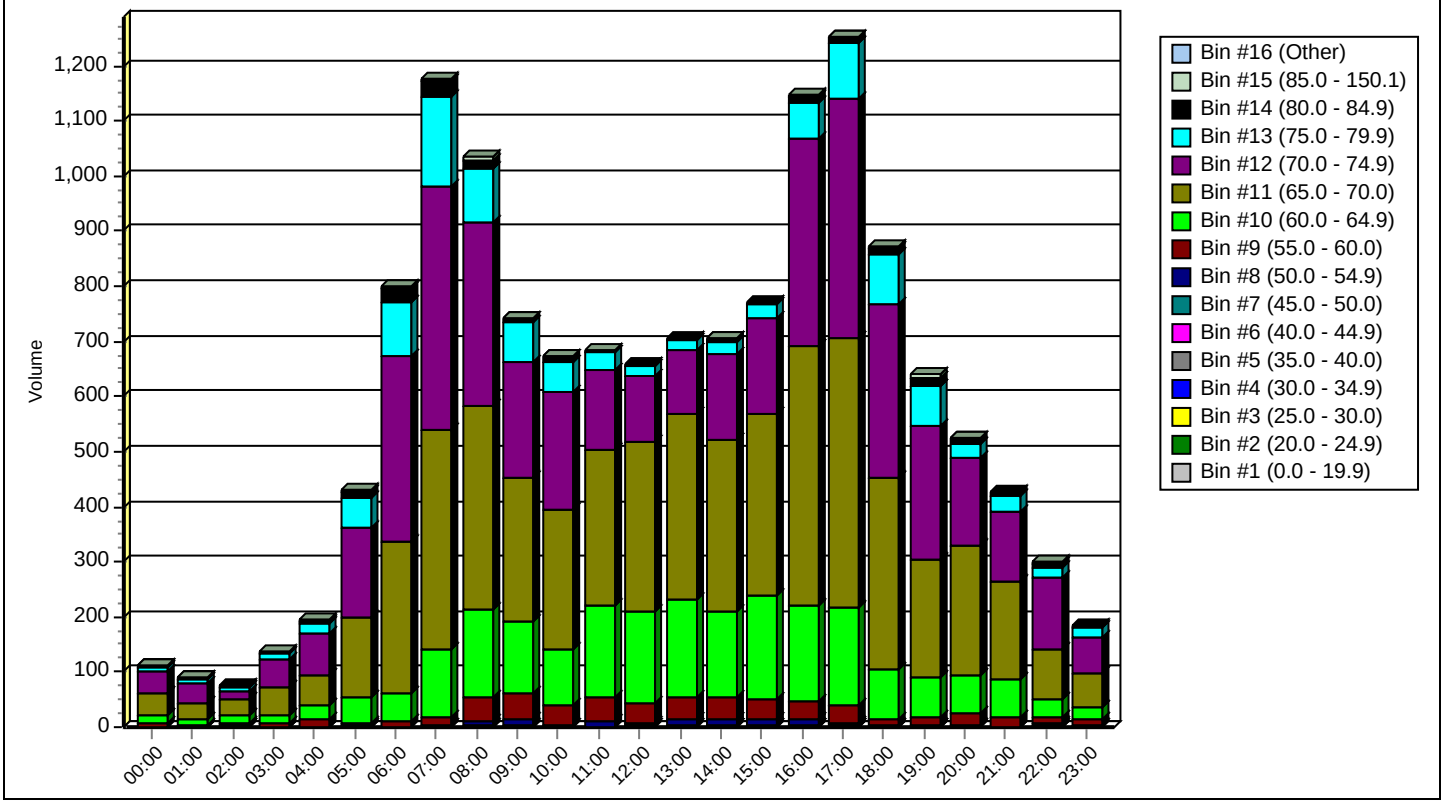
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	11	0	3	1	0	7	18	112	532	2251	5556	4484	1125	194	55	0	14349
		11	0	3	1	0	7	18	112	532	2251	5556	4484	1125	194	55	0	14349
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	4%	16%	39%	31%	8%	1%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	4%	16%	39%	31%	8%	1%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	2	9	21	17	4	1	0	0	54
		0	0	0	0	0	0	0	0	2	9	21	17	4	1	0	0	54
Days & ADT :	#1.	2.7	5298															
		2.7	5298															
Avg,50,67,85%:	#1.	68.8	68.8	71.3	74.2	65.0	- 74.9	70%										
		68.8	68.8	71.3	74.2	65.0	- 74.9	70%										

2D0021456 Speed Class Charts For Data From: 16:15 - 04/11/2011 To: 09:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0021456

Station ID : 2P0021456
Info Line 1 : EB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 2P0021456.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 97838
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 16:15 - 04/11/2011 To: 09:44 - 04/14/2011

Date	Time	#1 Cycle	#2 Cars	#3 2A-4T	#4 Buses	#5 2A-SU	#6 3A-SU	#7 4A-SU	#8 4A-ST	#9 5A-ST	#10 6A-ST	#11 5A-MT	#12 6A-MT	#13 Other	Total
4/11/201	16:15	0	12	10	0	0	0	0	0	1	0	0	0	0	23
Mon	16:30	0	20	9	0	0	0	0	1	1	0	0	0	0	31
	16:45	0	16	10	0	1	0	0	0	0	0	0	0	0	27
	17:00	0	12	22	0	1	0	1	0	0	1	0	0	0	37
	17:15	1	16	18	0	2	0	0	0	2	0	0	0	0	39
	17:30	0	23	12	0	0	0	0	1	1	0	0	0	1	38
	17:45	0	19	11	0	0	0	0	0	1	0	0	0	0	31
	18:00	0	8	7	0	0	0	0	1	0	0	0	0	0	16
	18:15	1	11	8	0	0	0	0	0	0	0	0	0	0	20
	18:30	0	3	2	0	0	0	0	0	0	0	0	0	0	5
	18:45	1	3	4	0	0	0	0	0	0	0	0	0	0	8
	19:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
	19:15	0	5	3	0	0	0	0	0	0	0	0	0	0	8
	19:30	0	9	4	0	0	0	0	0	2	1	0	0	1	17
	19:45	0	5	3	0	0	0	0	0	0	0	0	0	0	8
	20:00	0	1	3	0	0	0	0	0	0	0	0	0	0	4
	20:15	0	7	1	0	0	0	0	0	0	0	0	0	1	9
	20:30	0	4	3	0	0	0	0	0	0	0	0	0	0	7
	20:45	1	6	2	0	0	0	0	0	1	0	0	0	0	10
	21:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	21:15	0	1	2	0	1	0	0	0	0	0	0	0	0	4
	21:30	0	1	1	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	2	2	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	1	2	0	0	0	0	0	0	0	0	0	0	3
	22:30	0	0	2	0	0	0	0	0	0	0	0	0	0	2
	22:45	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	1	1	0	1	0	0	0	2	0	0	0	0	5
	23:45	1	1	1	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		5	197	147	0	6	0	1	3	11	2	0	0	3	375
	Percent :	1%	53%	39%	0%	2%	0%	0%	1%	3%	1%	0%	0%	1%	
	Average :	0	6	5	0	0	0	0	0	0	0	0	0	0	11

(DEFAULTB) Date	Time	#1 Cycle	#2 Cars	#3 2A-4T	#4 Buses	#5 2A-SU	#6 3A-SU	#7 4A-SU	#8 4A-ST	#9 5A-ST	#10 6A-ST	#11 5A-MT	#12 6A-MT	#13 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	1	1	0	0	0	0	0	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	1	0	0	0	0	0	1	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	2	0	0	0	0	0	1	0	0	0	0	4
	04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	3	0	0	0	0	0	0	0	0	0	0	3
	05:30	0	5	0	0	0	0	0	0	1	1	0	0	0	7
	05:45	0	4	3	0	0	0	0	1	0	0	0	0	0	8
	06:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
	06:15	0	12	10	0	0	0	0	0	1	0	0	0	0	23
	06:30	0	23	14	0	1	0	0	0	0	0	0	0	0	38
	06:45	0	19	7	0	0	0	0	1	0	0	0	1	0	28
	07:00	0	22	9	0	0	0	0	2	0	1	0	0	0	34
	07:15	0	23	16	0	1	0	0	1	0	2	0	0	0	43
	07:30	0	39	14	0	2	0	0	0	3	0	0	0	1	59
	07:45	0	36	19	0	0	0	0	1	0	0	0	0	0	56
	08:00	0	17	2	0	0	0	0	0	0	0	0	0	0	19
	08:15	0	20	11	0	1	0	0	1	0	1	0	2	0	36
	08:30	0	20	17	0	1	0	1	1	0	0	0	0	1	41
	08:45	1	8	19	1	0	0	0	1	2	0	0	0	1	33
	09:00	0	5	7	0	2	0	0	0	3	1	0	0	0	18
	09:15	1	11	8	0	0	0	0	1	6	1	0	0	0	28
	09:30	0	10	7	0	0	0	0	1	1	1	0	0	0	20
	09:45	0	11	8	0	0	0	0	1	1	0	0	0	1	22
	10:00	0	19	13	0	0	0	0	1	1	0	0	0	0	34
	10:15	0	12	7	0	0	0	0	1	3	0	0	0	0	23
	10:30	0	12	6	0	0	1	0	1	1	0	0	0	0	21
	10:45	0	7	12	0	0	0	0	1	2	0	0	0	0	22
	11:00	0	8	9	0	0	0	0	1	0	0	0	0	1	19
	11:15	0	7	12	0	1	0	1	1	1	0	1	0	0	24
	11:30	0	10	1	0	1	0	0	0	1	0	0	0	0	13
	11:45	0	15	5	0	0	0	0	0	2	0	0	0	2	24
	12:00	0	4	4	0	0	0	0	0	0	0	0	0	0	8
	12:15	0	7	8	0	0	0	0	1	3	0	0	0	1	20
	12:30	0	8	13	0	1	0	0	0	1	0	0	0	0	23

(DEFAULTB) Date	Time	#1 Cycle	#2 Cars	#3 2A-4T	#4 Buses	#5 2A-SU	#6 3A-SU	#7 4A-SU	#8 4A-ST	#9 5A-ST	#10 6A-ST	#11 5A-MT	#12 6A-MT	#13 Other	Total
4/12/201	12:45	1	9	11	0	0	0	0	0	2	0	0	0	0	23
Tue	13:00	0	6	13	0	1	0	0	0	1	0	1	0	0	22
	13:15	0	7	9	0	1	0	0	0	2	1	0	0	1	21
	13:30	0	8	4	0	0	0	0	0	1	2	1	0	1	17
	13:45	0	11	12	0	2	0	0	1	3	0	0	0	2	31
	14:00	0	11	7	1	0	1	0	2	2	0	0	0	1	25
	14:15	0	6	8	0	0	0	0	1	3	0	0	0	0	18
	14:30	0	18	15	0	0	1	0	1	1	0	0	0	0	36
	14:45	0	15	14	0	0	2	0	1	1	0	0	0	1	34
	15:00	0	8	15	0	0	0	0	1	0	0	0	0	0	24
	15:15	0	14	8	0	0	1	0	0	0	0	0	1	0	24
	15:30	0	12	4	0	2	0	0	0	4	0	0	0	1	23
	15:45	0	12	14	0	0	0	0	0	1	1	1	0	2	31
	16:00	0	15	13	0	0	1	0	0	1	0	0	0	1	31
	16:15	0	19	9	0	0	0	0	0	4	1	0	0	0	33
	16:30	0	17	14	0	0	0	0	0	1	1	0	0	1	34
	16:45	0	17	22	0	1	0	0	0	1	0	0	0	0	41
	17:00	1	21	10	0	0	0	0	1	1	1	0	0	0	35
	17:15	0	17	25	0	1	0	0	1	1	0	0	0	0	45
	17:30	0	12	11	0	1	1	0	0	2	0	0	0	0	27
	17:45	0	18	12	0	2	0	0	1	1	0	0	0	0	34
	18:00	1	10	3	0	1	0	0	1	0	0	0	0	0	16
	18:15	0	9	4	0	0	0	0	0	1	0	0	0	1	15
	18:30	0	13	7	0	1	0	0	0	2	0	0	0	0	23
	18:45	0	7	3	0	1	0	0	0	2	0	0	0	0	13
	19:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
	19:15	0	3	9	0	0	0	0	0	0	1	0	0	0	13
	19:30	0	4	3	0	0	0	0	0	1	0	0	0	0	8
	19:45	0	4	4	0	0	0	0	0	0	0	0	0	0	8
	20:00	0	2	0	0	0	0	0	0	2	1	0	0	0	5
	20:15	1	1	1	0	0	0	0	0	0	0	0	0	0	3
	20:30	0	4	2	0	0	0	0	0	0	0	0	0	0	6
	20:45	0	5	3	1	0	0	0	1	1	0	0	0	0	11
	21:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
	21:15	0	2	0	0	0	0	0	1	0	0	0	0	0	3
	21:30	0	0	2	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	2	1	0	0	0	0	0	0	0	0	0	0	3
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:15	0	4	0	0	0	0	1	0	0	0	0	0	0	5
	22:30	0	3	0	0	0	0	0	0	1	0	0	0	0	4
	22:45	0	2	1	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	1	1	0	0	0	0	0	1	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	1	3	0	0	0	0	0	0	0	0	0	0	4
Daily Total :		6	759	572	3	25	8	3	32	79	17	4	5	20	1533
Percent :		0%	50%	37%	0%	2%	1%	0%	2%	5%	1%	0%	0%	1%	
Average :		0	8	6	0	0	0	0	0	1	0	0	0	0	15

(DEFAULTB) Date	Time	#1 Cycle	#2 Cars	#3 2A-4T	#4 Buses	#5 2A-SU	#6 3A-SU	#7 4A-SU	#8 4A-ST	#9 5A-ST	#10 6A-ST	#11 5A-MT	#12 6A-MT	#13 Other	Total
4/13/201	00:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Wed	00:15	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	2	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	0	3	0	0	0	0	0	2	0	0	0	1	6
	04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	0	1	0	0	1	0	0	0	0	0	0	0	2
	05:15	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:30	0	4	6	0	0	0	0	0	0	0	0	0	0	10
	05:45	1	2	1	0	0	0	0	0	0	0	0	0	0	4
	06:00	0	5	2	0	0	0	0	1	0	0	0	0	0	8
	06:15	0	11	5	0	0	0	0	0	0	0	0	0	0	16
	06:30	0	20	12	0	1	0	0	0	0	0	0	1	0	34
	06:45	0	23	15	0	1	0	0	0	0	0	0	0	2	41
	07:00	0	18	13	0	1	0	0	0	1	0	0	0	0	33
	07:15	0	27	12	0	1	0	0	0	5	0	0	0	1	46
	07:30	0	44	16	0	1	0	0	1	4	2	0	0	1	69
	07:45	0	32	27	0	1	0	0	1	0	0	0	0	0	61
	08:00	0	18	14	0	0	0	0	1	1	0	0	1	0	35
	08:15	0	9	6	0	0	0	0	1	1	0	0	0	1	18
	08:30	0	18	13	0	1	0	0	0	1	0	0	0	0	33
	08:45	0	16	8	0	0	0	0	0	0	1	0	0	0	25
	09:00	0	12	12	0	0	0	0	2	2	1	0	0	1	30
	09:15	0	13	11	0	0	0	0	1	1	0	0	0	1	27
	09:30	0	16	16	0	0	0	0	0	2	0	0	0	1	35
	09:45	0	11	11	0	1	0	0	0	6	0	0	0	1	30
	10:00	0	9	12	0	0	0	0	0	3	0	0	0	1	25
	10:15	0	9	10	0	1	0	0	1	1	0	0	0	0	22
	10:30	0	13	14	0	1	0	0	0	1	0	0	0	1	30
	10:45	0	15	17	0	0	0	0	0	4	1	0	0	1	38
	11:00	0	14	12	0	0	0	0	0	3	0	0	0	0	29
	11:15	0	16	8	1	2	0	0	0	5	0	0	0	0	32
	11:30	0	14	19	0	0	0	0	0	8	1	0	0	0	42
	11:45	0	15	8	0	0	0	0	0	1	0	0	0	0	24
	12:00	0	6	8	0	0	0	0	0	1	0	0	0	0	15
	12:15	0	12	14	0	2	0	0	0	1	1	0	0	0	30
	12:30	0	4	4	0	2	0	0	0	2	1	0	1	2	16

(DEFAULTB) Date	Time	#1 Cycle	#2 Cars	#3 2A-4T	#4 Buses	#5 2A-SU	#6 3A-SU	#7 4A-SU	#8 4A-ST	#9 5A-ST	#10 6A-ST	#11 5A-MT	#12 6A-MT	#13 Other	Total
4/13/201	12:45	0	9	7	0	1	0	0	1	3	0	0	0	0	21
Wed	13:00	0	11	12	1	0	0	0	0	2	1	0	0	1	28
	13:15	0	9	10	0	0	0	1	0	2	2	0	0	0	24
	13:30	0	12	10	0	0	0	0	0	0	1	1	0	0	24
	13:45	0	15	6	0	0	0	0	0	4	0	0	0	1	26
	14:00	0	8	3	1	0	0	0	1	1	0	0	0	0	14
	14:15	0	13	4	0	0	2	0	0	3	0	0	0	0	22
	14:30	0	10	11	0	0	0	0	1	2	0	0	0	0	24
	14:45	0	15	12	0	0	0	0	0	4	0	0	1	0	32
	15:00	0	12	17	0	0	0	0	0	6	0	0	0	0	35
	15:15	0	10	11	0	0	0	0	0	3	1	0	0	0	25
	15:30	0	10	4	0	1	1	0	2	1	1	0	0	1	21
	15:45	0	11	13	0	1	0	0	0	2	0	0	0	1	28
	16:00	0	19	19	0	1	0	0	1	0	0	0	0	0	40
	16:15	0	18	22	0	1	0	1	3	1	1	0	0	1	48
	16:30	0	16	14	0	0	0	0	1	2	1	0	0	0	34
	16:45	0	16	8	0	0	0	0	0	0	0	0	0	0	24
	17:00	0	22	13	0	1	0	0	0	3	0	0	0	1	40
	17:15	0	18	27	0	0	0	0	2	1	0	1	0	1	50
	17:30	0	20	16	0	0	0	0	3	2	0	0	0	0	41
	17:45	0	11	12	0	0	0	0	2	2	0	0	0	0	27
	18:00	1	11	13	0	0	0	0	0	1	0	0	0	0	26
	18:15	0	6	7	0	2	0	0	0	0	0	0	0	2	17
	18:30	0	7	7	0	0	0	0	0	2	0	0	0	0	16
	18:45	0	6	4	0	0	0	0	0	2	0	0	0	0	12
	19:00	0	3	3	0	1	0	0	0	1	0	0	0	0	8
	19:15	0	3	3	0	0	0	0	0	0	0	0	0	0	6
	19:30	0	4	3	0	1	0	0	0	0	1	0	0	0	9
	19:45	0	3	3	0	0	0	0	0	0	0	0	0	0	6
	20:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
	20:15	0	3	1	0	0	1	0	0	0	1	0	0	0	6
	20:30	0	0	3	0	0	0	0	0	1	0	0	0	0	4
	20:45	0	2	3	1	0	0	0	0	0	0	0	0	0	6
	21:00	0	6	3	0	0	0	0	0	0	0	1	0	0	10
	21:15	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	21:30	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	21:45	0	2	2	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	3	0	0	0	0	0	0	0	1	0	0	0	4
	22:15	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:30	0	0	2	0	0	0	0	0	0	0	0	0	0	2
	22:45	0	1	1	0	0	0	0	0	0	0	0	0	0	2
	23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	1	0	0	0	0	0	0	1	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		2	786	644	4	26	5	2	26	109	19	3	5	24	1655
Percent :		0%	47%	39%	0%	2%	0%	0%	2%	7%	1%	0%	0%	1%	
Average :		0	8	7	0	0	0	0	0	1	0	0	0	0	16

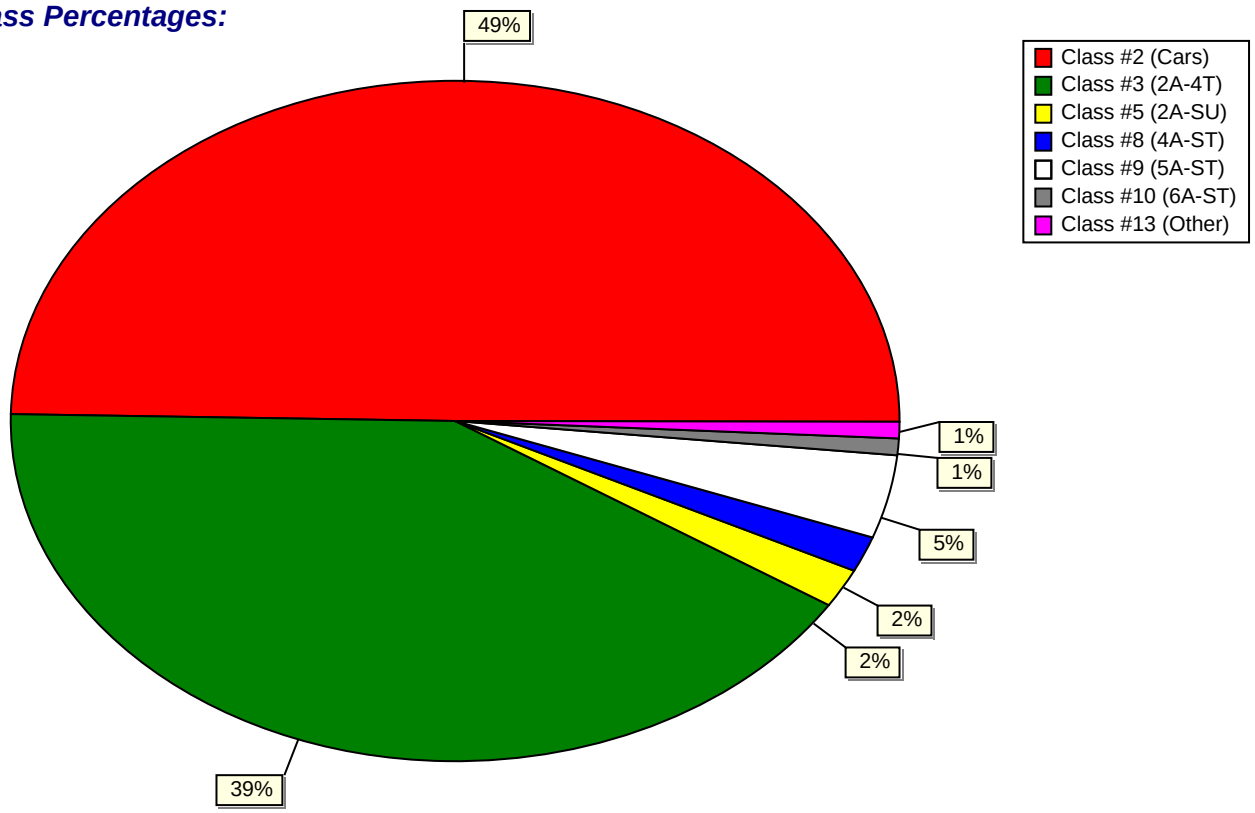
Date	(DEFAULTB) Time	#1 Cycle	#2 Cars	#3 2A-4T	#4 Buses	#5 2A-SU	#6 3A-SU	#7 4A-SU	#8 4A-ST	#9 5A-ST	#10 6A-ST	#11 5A-MT	#12 6A-MT	#13 Other	Total
4/14/201	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	1	1	0	0	0	0	0	0	0	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	1	1	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	2	1	0	0	0	0	0	0	0	0	0	0	3
	04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
	05:15	0	4	0	0	0	0	0	0	0	0	0	0	0	4
	05:30	0	4	5	0	0	0	0	0	0	0	0	0	0	9
	05:45	0	5	0	0	1	0	0	0	0	0	0	0	0	6
	06:00	0	5	4	0	0	0	1	0	1	0	0	0	1	12
	06:15	0	9	9	0	0	0	0	0	0	0	0	0	0	18
	06:30	0	15	14	0	1	0	0	0	0	0	0	0	0	30
	06:45	0	13	12	0	1	0	0	0	0	0	0	0	0	26
	07:00	0	15	10	0	0	0	0	0	1	0	0	0	0	26
	07:15	0	33	13	0	2	0	0	0	0	0	0	0	0	48
	07:30	0	20	35	0	2	0	0	0	0	0	0	0	1	58
	07:45	0	15	32	0	0	0	0	0	0	0	0	0	0	47
	08:00	0	13	13	0	0	0	0	1	5	0	0	0	1	33
	08:15	0	14	13	0	0	1	0	0	0	1	0	0	0	29
	08:30	0	11	5	0	0	0	0	0	1	0	0	0	0	17
	08:45	0	13	13	0	2	0	0	0	3	0	0	0	1	32
	09:00	0	11	6	0	0	0	0	0	1	0	0	0	0	18
	09:15	0	10	20	0	4	1	0	2	5	2	0	0	1	45
Daily Total :		0	220	212	0	13	2	1	3	17	3	0	0	5	476
	Percent :	0%	46%	45%	0%	3%	0%	0%	1%	4%	1%	0%	0%	1%	
	Average :	0	6	6	0	0	0	0	0	0	0	0	0	0	12

Basic Axle Class Summary: 2P0021456

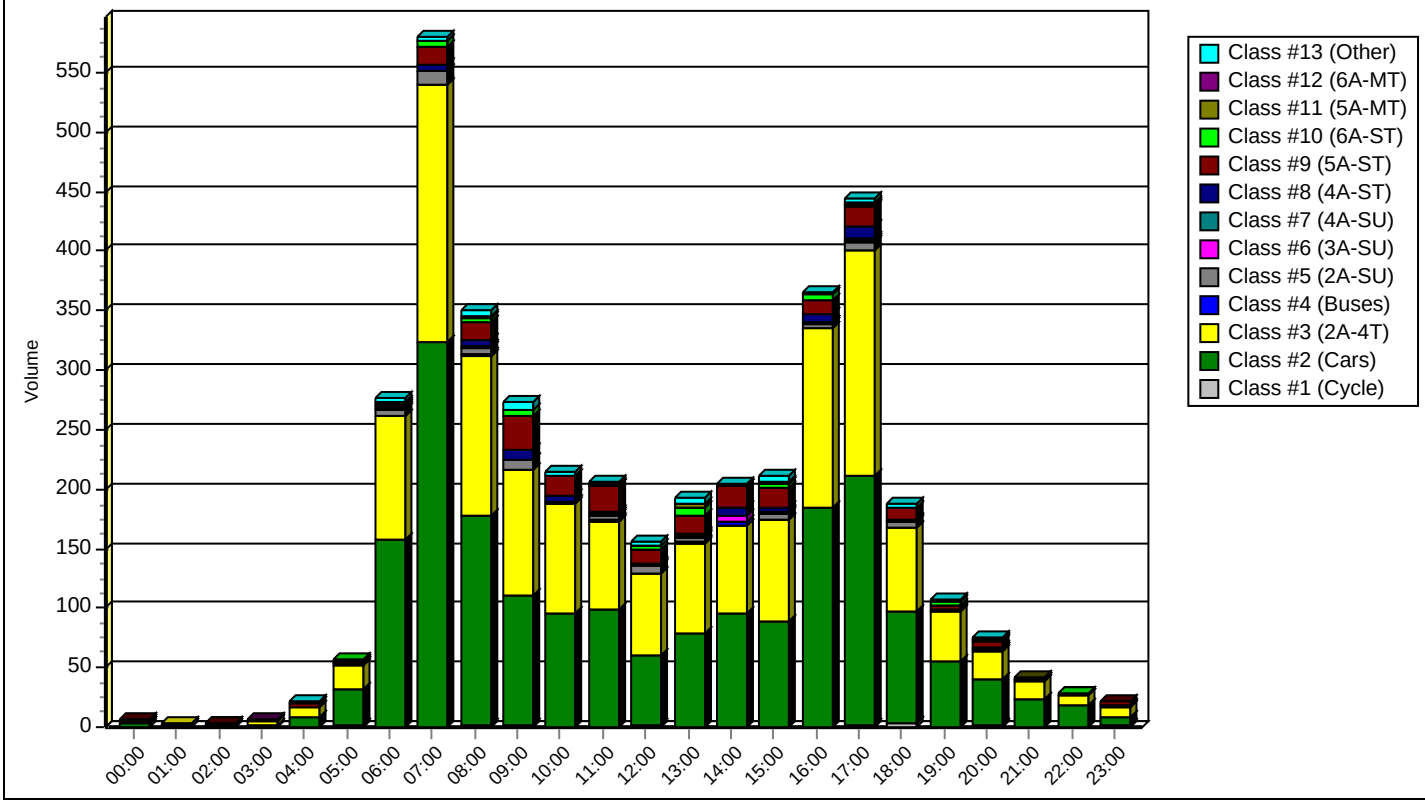
(DEFAULTB) Description	Lane	#1 Cycle	#2 Cars	#3 2A-4T	#4 Buses	#5 2A-SU	#6 3A-SU	#7 4A-SU	#8 4A-ST	#9 5A-ST	#10 6A-ST	#11 5A-MT	#12 6A-MT	#13 Other	Total
TOTAL COUNT :	#1.	13	1962	1575	7	70	15	7	64	216	41	7	10	52	4039
		13	1962	1575	7	70	15	7	64	216	41	7	10	52	4039
Percents :	#1.	0%	49%	39%	0%	2%	0%	0%	2%	5%	1%	0%	0%	1%	100%
		0%	49%	39%	0%	2%	0%	0%	2%	5%	1%	0%	0%	1%	
Average :	#1.	0	8	6	0	0	0	0	0	1	0	0	0	0	15
		0	8	6	0	0	0	0	0	1	0	0	0	0	15
Days & ADT :	#1.	2.7	1485												
		2.7	1485												

2P0021456 Axle Class Charts For Data From: 16:15 - 04/11/2011 To: 09:44 - 04/14/2011

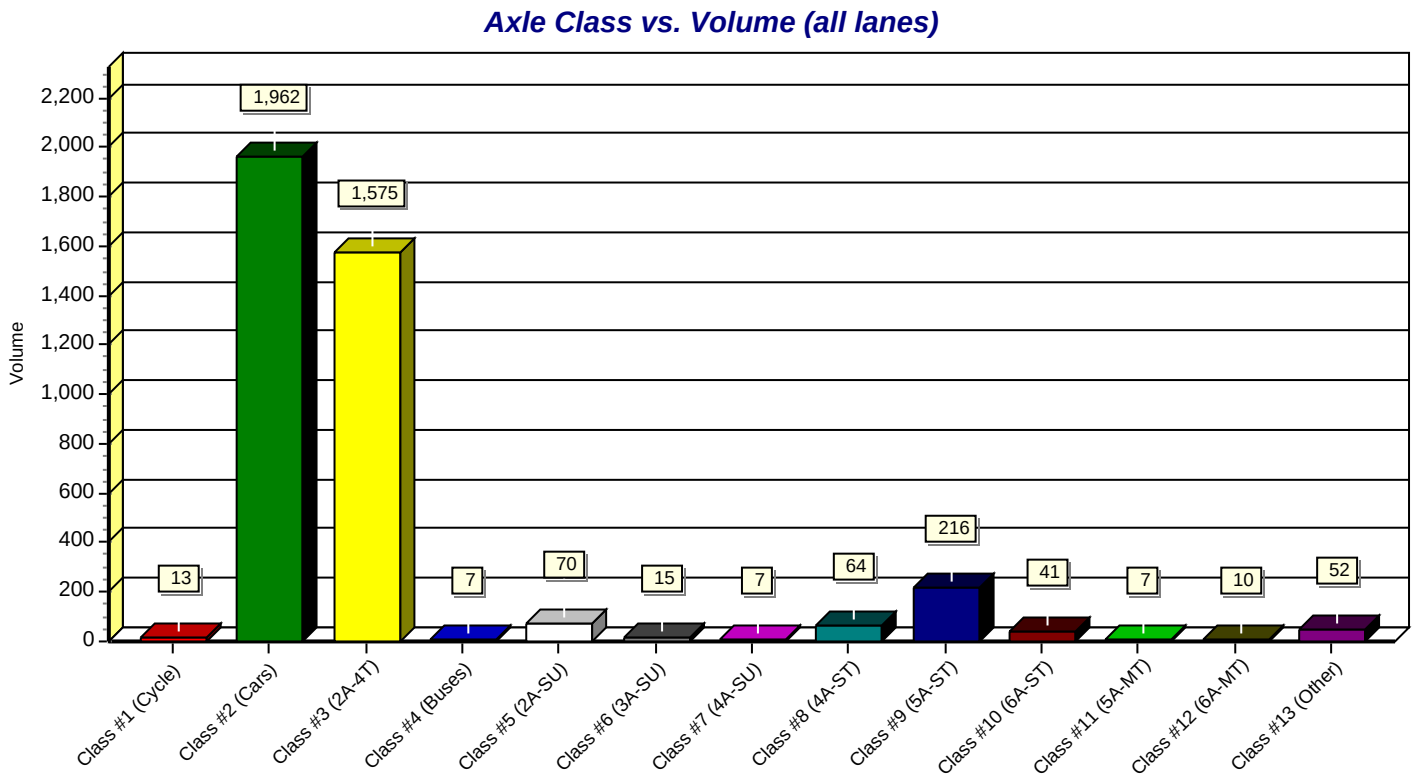
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0021456 Axle Class Charts For Data From: 16:15 - 04/11/2011 To: 09:44 - 04/14/2011



Basic Speed Classification Report: 2P0021456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 16:15 - 04/11/2011 To: 09:44 - 04/14/2011

(DEFAULTX)		#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 29.9	#4 30.0 - 34.9	#5 35.0 - 39.9	#6 40.0 - 44.9	#7 45.0 - 49.9	#8 50.0 - 54.9	#9 55.0 - 59.9	#10 60.0 - 64.9	#11 65.0 - 69.9	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 89.9	#16 Other	Total
Date	Time																	
4/11/201	16:15	0	0	0	0	0	0	0	0	0	0	8	13	2	0	0	0	23
Mon	16:30	0	0	0	0	0	0	0	0	0	1	8	15	6	1	0	0	31
	16:45	0	0	0	0	0	0	0	0	2	0	6	14	5	0	0	0	27
	17:00	0	0	0	0	0	0	0	0	0	0	4	21	9	2	0	1	37
	17:15	0	0	0	0	0	0	0	0	0	1	9	21	7	1	0	0	39
	17:30	0	0	0	0	0	0	0	0	1	0	12	20	4	1	0	0	38
	17:45	0	0	0	0	0	0	0	0	0	0	8	18	5	0	0	0	31
	18:00	0	0	0	0	0	0	0	0	0	0	4	9	3	0	0	0	16
	18:15	0	0	0	0	0	0	0	0	0	0	5	7	4	2	2	0	20
	18:30	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	5
	18:45	0	1	0	0	0	0	0	0	0	0	1	4	2	0	0	0	8
	19:00	0	0	0	0	0	0	0	0	0	0	1	1	3	1	1	1	8
	19:15	0	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	8
	19:30	0	0	0	0	0	0	0	0	0	0	4	6	7	0	0	0	17
	19:45	0	0	0	0	0	0	0	0	0	0	2	3	1	1	0	1	8
	20:00	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4
	20:15	0	0	0	0	0	0	0	0	0	0	5	3	0	1	0	0	9
	20:30	0	0	0	0	0	0	0	0	0	0	4	2	0	1	0	0	7
	20:45	1	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	10
	21:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	21:15	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
	21:30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	21:45	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	22:15	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	3
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
	22:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	5
	23:45	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3
Daily Total :		2	1	0	0	0	0	0	0	3	2	92	189	67	13	3	3	375
Percent :		1%	0%	0%	0%	0%	0%	0%	0%	1%	1%	25%	50%	18%	3%	1%	1%	
Average :		0	0	0	0	0	0	0	0	0	0	3	6	2	0	0	0	15

Speeds - Average: 71.3 50% : 72.3 67% : 73.8 85% : 77.2 10mph Pace: 65.1 - 75.0 (74.9%)

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	4
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	0	0	4	1	2	0	0	7
	05:45	0	0	0	0	0	0	0	0	0	1	0	2	3	1	1	0	8
	06:00	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
	06:15	0	0	0	0	0	0	0	0	0	0	3	13	5	2	0	0	23
	06:30	0	0	0	0	0	0	0	0	0	0	4	21	12	1	0	0	38
	06:45	0	0	0	0	0	0	0	0	0	0	1	14	9	1	2	1	28
	07:00	0	0	0	0	0	0	0	0	0	0	4	9	19	2	0	0	34
	07:15	0	0	0	0	0	0	0	0	0	0	8	26	8	1	0	0	43
	07:30	0	0	0	0	0	0	0	0	0	2	19	29	8	1	0	0	59
	07:45	0	0	0	0	0	0	0	0	0	0	8	33	13	1	1	0	56
	08:00	0	0	0	0	0	0	0	0	0	1	4	13	1	0	0	0	19
	08:15	0	0	0	0	0	0	0	0	1	3	9	19	4	0	0	0	36
	08:30	0	0	0	0	0	0	1	0	0	1	15	15	5	4	0	0	41
	08:45	1	0	0	0	0	0	0	0	0	1	7	16	6	2	0	0	33
	09:00	0	0	0	0	0	0	0	0	0	0	2	12	4	0	0	0	18
	09:15	1	0	0	0	0	0	0	0	0	1	5	13	4	3	1	0	28
	09:30	0	0	0	0	0	0	0	0	0	0	4	12	4	0	0	0	20
	09:45	0	0	0	0	0	0	0	0	0	0	5	10	5	2	0	0	22
	10:00	0	0	0	0	0	0	0	0	0	0	9	15	9	1	0	0	34
	10:15	0	0	0	0	0	0	0	0	0	0	7	11	5	0	0	0	23
	10:30	0	0	0	0	0	0	0	0	0	1	6	7	5	1	1	0	21
	10:45	0	0	0	0	0	0	0	0	0	1	7	10	3	0	1	0	22
	11:00	0	0	0	0	0	1	0	0	0	1	4	10	3	0	0	0	19
	11:15	0	0	0	0	0	0	0	0	0	0	8	12	4	0	0	0	24
	11:30	0	0	0	0	0	0	0	0	0	0	5	4	2	2	0	0	13
	11:45	0	0	0	0	0	0	0	0	0	0	5	10	9	0	0	0	24
	12:00	0	0	0	0	0	0	0	0	0	0	3	3	2	0	0	0	8
	12:15	0	0	0	0	0	0	0	0	0	1	11	6	2	0	0	0	20

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	1	3	10	6	3	0	0	23
Tue	12:45	0	0	0	0	0	0	0	0	0	0	7	14	2	0	0	0	23
	13:00	0	0	0	0	0	0	0	0	0	0	10	9	3	0	0	0	22
	13:15	0	0	0	0	0	0	0	0	0	1	10	10	0	0	0	0	21
	13:30	0	0	0	0	0	0	0	0	0	3	5	5	2	2	0	0	17
	13:45	0	0	0	0	0	0	0	0	0	1	9	18	3	0	0	0	31
	14:00	0	0	0	0	0	0	0	0	0	2	5	13	4	0	1	0	25
	14:15	0	0	0	0	0	0	0	0	0	1	3	9	3	1	1	0	18
	14:30	0	0	0	0	0	0	0	0	1	1	13	16	4	1	0	0	36
	14:45	0	0	0	0	0	0	0	0	0	2	6	18	6	1	0	1	34
	15:00	0	0	0	0	0	0	0	0	0	1	6	12	5	0	0	0	24
	15:15	0	0	0	0	0	0	0	0	0	2	8	12	2	0	0	0	24
	15:30	0	0	0	0	0	0	0	0	0	0	5	12	3	3	0	0	23
	15:45	0	0	0	0	0	0	0	0	0	0	6	16	6	2	0	1	31
	16:00	1	1	0	0	0	0	0	0	0	0	6	17	6	0	0	0	31
	16:15	0	0	0	0	0	0	0	0	0	0	6	18	5	3	1	0	33
	16:30	0	0	0	0	0	0	0	0	0	0	2	24	7	1	0	0	34
	16:45	0	0	0	0	0	0	0	0	0	1	5	25	8	2	0	0	41
	17:00	0	0	0	0	0	0	0	0	0	1	11	18	5	0	0	0	35
	17:15	0	0	0	0	0	0	0	0	0	1	10	22	9	2	1	0	45
	17:30	0	0	0	0	0	0	0	0	0	0	1	17	7	2	0	0	27
	17:45	0	0	0	0	0	0	0	0	0	0	8	14	9	3	0	0	34
	18:00	0	0	0	0	0	0	0	0	0	0	4	8	4	0	0	0	16
	18:15	0	0	0	0	0	0	0	0	0	0	4	7	3	1	0	0	15
	18:30	0	0	0	0	0	0	0	0	0	1	5	12	3	2	0	0	23
	18:45	0	0	0	0	0	0	0	0	0	1	3	5	3	1	0	0	13
	19:00	0	0	0	0	0	0	0	0	0	0	0	4	2	2	0	0	8
	19:15	0	0	0	0	0	0	0	0	0	0	0	8	5	0	0	0	13
	19:30	0	0	0	0	0	0	0	1	0	0	2	4	1	0	0	0	8
	19:45	0	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0	8
	20:00	0	0	0	0	0	0	0	0	0	0	3	1	0	0	1	0	5
	20:15	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	3
	20:30	0	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	6
	20:45	0	0	0	0	0	0	0	0	0	0	2	6	2	1	0	0	11
	21:00	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	5
	21:15	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	21:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	21:45	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:15	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	5
	22:30	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	4

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
Daily Total :		3	1	0	0	0	1	1	1	2	36	343	772	294	64	12	3	1533
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	22%	50%	19%	4%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	4	8	3	1	0	0	11

Speeds - Average: 72.2 50% : 72.5 67% : 74.1 85% : 77.5 10mph Pace: 65.1 - 75.0 (72.7%)

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	6
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:30	0	0	0	0	0	0	0	0	0	0	1	3	4	2	0	0	10
	05:45	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	4
	06:00	0	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	8
	06:15	0	0	0	0	0	0	0	0	0	0	1	10	3	2	0	0	16
	06:30	0	0	0	0	0	0	0	0	0	0	3	17	10	2	2	0	34
	06:45	0	0	0	0	0	0	0	0	0	0	5	17	18	0	1	0	41
	07:00	0	0	0	0	0	0	0	0	0	0	3	16	13	1	0	0	33
	07:15	0	0	0	0	0	0	0	0	0	0	11	25	10	0	0	0	46
	07:30	0	0	0	0	0	0	0	0	0	0	8	44	16	1	0	0	69
	07:45	0	0	0	0	0	0	0	0	0	3	8	36	12	2	0	0	61
	08:00	0	0	0	0	0	0	0	0	0	0	8	23	4	0	0	0	35
	08:15	0	0	0	0	0	0	0	0	0	0	2	14	2	0	0	0	18
	08:30	0	0	0	0	0	0	0	0	0	0	5	17	10	0	1	0	33
	08:45	0	0	0	0	0	0	0	0	0	0	4	11	9	1	0	0	25
	09:00	0	0	0	0	0	0	0	0	0	7	8	9	5	1	0	0	30
	09:15	0	0	0	0	0	0	0	0	0	2	11	11	2	1	0	0	27
	09:30	0	0	0	0	0	0	0	0	0	3	12	17	3	0	0	0	35
	09:45	0	0	0	0	0	0	0	1	1	5	7	14	1	1	0	0	30
	10:00	0	0	0	0	0	0	0	1	0	1	11	12	0	0	0	0	25
	10:15	0	0	0	0	0	0	0	0	0	2	7	6	7	0	0	0	22
	10:30	0	0	0	0	0	0	0	0	1	2	13	13	0	1	0	0	30
	10:45	0	0	0	0	0	0	0	0	0	0	16	19	3	0	0	0	38
	11:00	0	0	0	0	0	0	0	0	2	1	11	10	4	1	0	0	29
	11:15	0	0	0	0	0	0	0	0	0	1	15	13	3	0	0	0	32
	11:30	0	0	0	0	0	0	0	0	0	4	18	15	5	0	0	0	42
	11:45	0	0	0	0	0	0	0	0	0	2	12	9	0	0	1	0	24
	12:00	0	0	0	0	0	0	0	0	1	1	6	4	3	0	0	0	15
	12:15	0	0	0	0	0	0	0	0	0	0	12	13	4	1	0	0	30

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	0	0	8	5	3	0	0	0	16
Wed	12:45	0	0	0	0	0	0	0	0	0	2	14	4	1	0	0	0	21
	13:00	0	0	0	0	0	0	0	0	0	0	11	13	3	0	1	0	28
	13:15	0	0	0	0	0	0	0	0	0	1	14	8	1	0	0	0	24
	13:30	0	0	0	0	0	0	0	0	0	2	9	10	2	1	0	0	24
	13:45	0	0	0	0	0	0	0	0	0	2	10	11	3	0	0	0	26
	14:00	0	0	0	0	0	0	0	0	0	2	4	7	1	0	0	0	14
	14:15	0	0	0	0	0	0	0	0	0	0	12	7	3	0	0	0	22
	14:30	0	0	0	0	0	0	0	0	0	0	7	12	5	0	0	0	24
	14:45	0	0	0	0	0	0	0	0	1	3	10	12	6	0	0	0	32
	15:00	0	0	0	0	0	0	0	1	0	2	17	14	1	0	0	0	35
	15:15	0	0	0	0	0	0	0	0	0	3	11	4	7	0	0	0	25
	15:30	0	0	0	0	0	0	0	0	0	1	5	10	5	0	0	0	21
	15:45	0	0	0	0	0	0	0	0	0	3	8	10	5	2	0	0	28
	16:00	0	0	0	0	0	0	0	0	0	2	10	20	7	1	0	0	40
	16:15	0	0	0	0	0	0	0	0	1	2	18	22	1	3	0	1	48
	16:30	0	0	0	0	0	0	0	0	0	1	9	20	4	0	0	0	34
	16:45	0	0	0	0	0	0	0	0	0	0	5	12	6	1	0	0	24
	17:00	0	0	0	0	0	0	0	0	0	3	17	15	5	0	0	0	40
	17:15	0	0	0	0	0	0	0	0	0	2	17	25	4	2	0	0	50
	17:30	0	0	0	0	0	0	0	0	0	0	16	16	6	2	1	0	41
	17:45	0	0	0	0	0	0	0	0	0	0	9	13	5	0	0	0	27
	18:00	0	0	0	0	0	0	0	0	0	1	5	15	4	1	0	0	26
	18:15	0	0	0	0	0	0	0	0	0	0	7	5	5	0	0	0	17
	18:30	0	0	0	0	0	0	0	0	0	0	2	9	4	1	0	0	16
	18:45	0	0	0	0	0	0	0	0	0	0	2	10	0	0	0	0	12
	19:00	0	0	0	0	0	0	0	0	0	0	4	2	1	0	1	0	8
	19:15	0	0	0	0	0	0	0	0	0	1	1	3	1	0	0	0	6
	19:30	0	0	0	0	0	0	0	0	0	2	6	1	0	0	0	0	9
	19:45	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	6
	20:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	20:15	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	6
	20:30	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	20:45	0	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	6
	21:00	0	0	0	0	0	0	0	0	1	2	5	2	0	0	0	0	10
	21:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	21:30	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	21:45	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4
	22:00	0	1	0	0	0	0	0	0	1	0	2	0	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
	22:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
		0.0 -	20.0 -	25.0 -	30.0 -	35.0 -	40.0 -	45.0 -	50.0 -	55.0 -	60.0 -	65.0 -	70.0 -	75.0 -	80.0 -	85.0 -		
Date	Time	19.9	24.9	29.9	34.9	39.9	44.9	49.9	54.9	59.9	64.9	69.9	74.9	79.9	84.9	89.9	Other	Total
Daily Total :		0	1	0	0	0	0	0	3	9	74	513	754	258	32	9	2	1655
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	1%	4%	31%	46%	16%	2%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	1	5	8	3	0	0	0	16

Speeds - Average: 71.3 50% : 71.6 67% : 73.3 85% : 76.2 10mph Pace: 65.1 - 75.0 (76.6%)

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
	05:15	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4
	05:30	0	0	0	0	0	0	0	0	0	0	1	3	3	2	0	0	9
	05:45	0	0	0	0	0	0	0	0	0	0	1	2	1	2	0	0	6
	06:00	0	0	0	0	0	0	0	0	0	1	4	4	3	0	0	0	12
	06:15	0	0	0	0	0	0	0	0	0	0	1	11	5	1	0	0	18
	06:30	0	0	0	0	0	0	0	0	0	0	0	16	13	0	1	0	30
	06:45	0	0	0	0	0	0	0	0	0	0	2	12	10	1	1	0	26
	07:00	0	0	0	0	0	0	0	0	0	0	3	12	8	3	0	0	26
	07:15	0	0	0	0	0	0	0	0	0	0	4	30	13	1	0	0	48
	07:30	0	0	0	0	0	0	0	0	0	0	2	14	30	11	1	0	58
	07:45	0	0	0	0	0	0	0	0	0	0	3	12	24	8	0	0	47
	08:00	0	0	0	0	0	0	0	0	0	1	3	18	8	0	1	2	33
	08:15	0	0	0	0	0	0	0	0	0	0	2	17	7	1	1	1	29
	08:30	0	0	0	0	0	0	0	0	0	0	1	12	4	0	0	0	17
	08:45	0	0	0	0	0	0	0	0	0	0	10	10	9	2	1	0	32
	09:00	0	0	0	0	0	0	0	0	0	1	6	8	0	3	0	0	18
	09:15	0	0	0	0	0	0	0	0	0	7	17	16	4	1	0	0	45
Daily Total :		0	0	0	0	0	0	0	0	0	11	61	211	145	38	7	3	476
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	13%	44%	30%	8%	1%	1%	
Average :		0	0	0	0	0	0	0	0	0	0	2	6	4	1	0	0	17

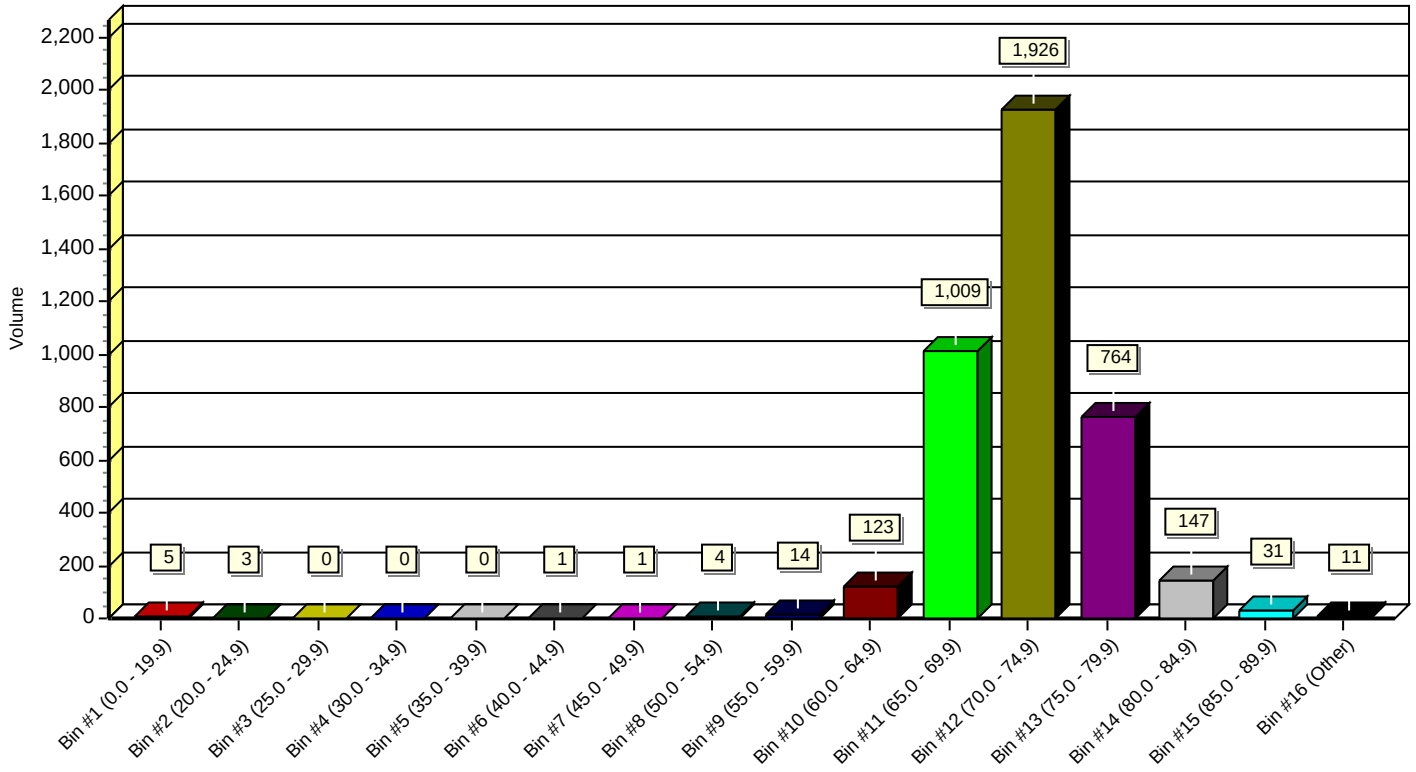
Speeds - Average: 73.6 50% : 73.8 67% : 76.4 85% : 79.0 10mph Pace: 70.0 - 79.9 (74.8%)

Basic Speed Class Summary: 2P0021456

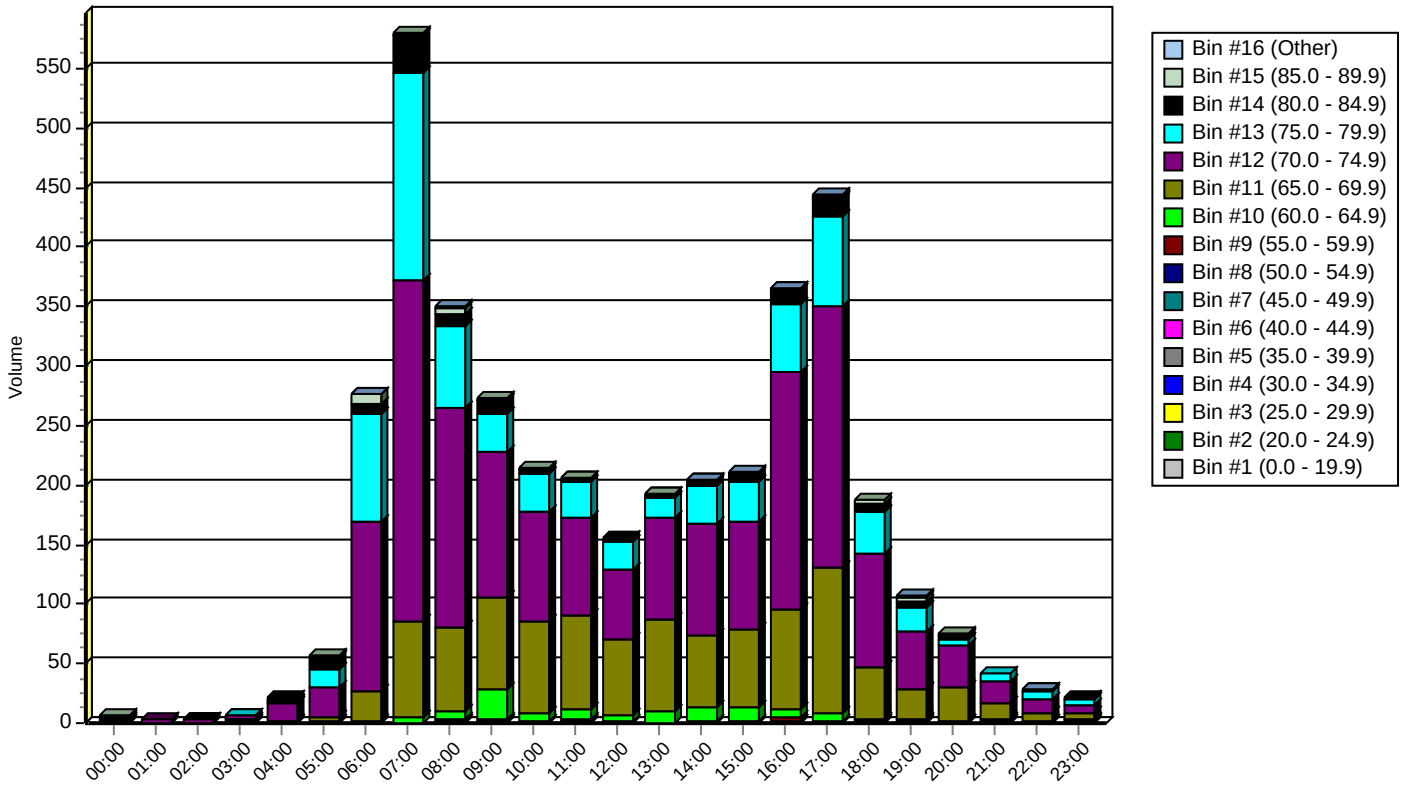
(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Description	Lane	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
TOTAL COUNT :	#1.	5	3	0	0	0	1	1	4	14	123	1009	1926	764	147	31	11	4039
		5	3	0	0	0	1	1	4	14	123	1009	1926	764	147	31	11	4039
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	25%	48%	19%	4%	1%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	25%	48%	19%	4%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	0	4	7	3	1	0	0	15
		0	0	0	0	0	0	0	0	0	0	4	7	3	1	0	0	15
Days & ADT :	#1.	2.7	1485															
		2.7	1485															
Avg,50,67,85%:	#1.	71.9	72.3	74.0	77.3	65.1	- 75.0	73%										
		71.9	72.3	74.0	77.3	65.1	- 75.0	73%										

2P0021456 Speed Class Charts For Data From: 16:15 - 04/11/2011 To: 09:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0021456

Station ID : 4D0021456
Info Line 1 : WB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 4D0021456.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 97825
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 16:00 - 04/11/2011 To: 09:44 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	16:00	0	47	50	0	3	1	0	1	7	1	0	0	3	0	113
Mon	16:15	3	35	38	1	2	2	0	2	8	2	0	0	0	0	93
	16:30	0	41	36	2	2	1	0	1	7	1	0	0	0	0	91
	16:45	0	47	48	1	2	0	0	0	8	0	0	0	0	0	106
	17:00	1	63	43	1	1	1	0	2	3	0	0	0	0	0	115
	17:15	0	60	35	2	3	1	0	1	9	0	0	0	2	0	113
	17:30	0	53	61	0	0	1	0	0	7	0	0	0	0	0	122
	17:45	0	33	42	0	0	4	0	0	4	4	0	0	0	0	87
	18:00	1	38	30	0	2	0	0	2	5	0	0	0	0	0	78
	18:15	0	39	30	0	2	0	0	1	3	0	0	1	0	0	76
	18:30	0	18	32	1	4	0	0	1	3	0	1	0	0	0	60
	18:45	2	24	28	0	1	0	0	1	8	0	0	0	0	0	64
	19:00	2	22	21	0	3	0	0	0	6	0	0	0	1	0	55
	19:15	0	26	21	0	2	0	0	0	4	1	0	1	2	0	57
	19:30	1	25	19	0	3	0	0	1	4	0	0	0	0	0	53
	19:45	0	20	17	0	3	0	0	0	2	0	0	0	2	1	45
	20:00	0	20	25	0	1	0	0	1	8	0	0	1	1	0	57
	20:15	0	17	18	0	0	0	0	0	7	1	0	2	0	0	45
	20:30	0	23	14	0	1	0	0	1	3	0	0	0	2	0	44
	20:45	1	15	16	0	0	0	0	0	0	0	1	0	0	0	33
	21:00	0	11	17	0	0	0	0	0	4	1	0	1	0	0	34
	21:15	0	16	11	0	1	0	0	1	5	0	0	0	1	0	35
	21:30	0	16	7	0	1	0	0	0	3	0	0	1	0	0	28
	21:45	0	15	4	1	2	0	0	1	6	0	0	2	0	0	31
	22:00	0	8	6	0	0	0	0	1	8	0	0	0	0	0	23
	22:15	1	11	9	0	0	0	0	0	3	1	0	0	0	0	25
	22:30	0	10	9	0	1	0	0	0	1	0	0	0	0	0	21
	22:45	0	6	4	0	1	0	0	0	1	0	0	0	0	0	12
	23:00	0	6	5	0	1	0	0	0	3	0	0	0	1	0	16
	23:15	0	8	4	0	3	0	0	0	2	1	0	0	0	0	18
	23:30	1	7	8	1	1	0	0	0	2	0	0	0	0	0	20
	23:45	0	6	4	0	0	0	0	2	3	0	0	0	0	0	15

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
Daily Total :		13	786	712	10	46	11	0	20	147	13	2	9	15	1	1785
Percent :		1%	44%	40%	1%	3%	1%	0%	1%	8%	1%	0%	1%	1%	0%	
Average :		0	25	22	0	1	0	0	1	5	0	0	0	0	0	54

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	3	7	0	1	0	0	1	5	0	0	0	0	0	17
Tue	00:15	0	2	7	1	0	1	0	0	1	0	0	1	2	0	15
	00:30	0	3	3	0	0	0	0	0	1	2	0	0	1	0	10
	00:45	0	5	3	0	0	0	0	0	4	0	0	0	1	0	13
	01:00	0	3	3	0	0	0	0	0	3	0	0	0	0	0	9
	01:15	0	2	1	0	0	0	0	0	1	1	0	0	0	0	5
	01:30	0	4	1	0	1	0	0	1	3	0	0	0	0	0	10
	01:45	0	3	3	0	1	0	0	0	2	0	0	0	0	0	9
	02:00	0	2	4	0	0	0	0	0	2	0	0	0	1	0	9
	02:15	0	2	6	0	0	0	0	0	2	0	0	0	0	0	10
	02:30	0	2	0	0	0	0	0	0	0	0	0	0	1	0	3
	02:45	0	2	1	1	1	0	0	0	2	0	0	0	1	0	8
	03:00	0	2	1	0	0	0	0	1	2	0	0	0	0	0	6
	03:15	0	4	1	0	0	0	0	0	2	0	0	0	0	0	7
	03:30	0	0	1	0	0	0	0	0	1	0	0	0	1	0	3
	03:45	0	1	1	1	0	0	0	0	2	0	0	0	1	0	6
	04:00	0	9	6	0	0	0	0	0	2	0	0	0	1	0	18
	04:15	0	3	9	0	0	0	0	0	2	1	0	0	1	0	16
	04:30	0	4	6	3	0	0	0	0	3	0	0	0	3	0	19
	04:45	0	2	4	3	0	0	0	0	3	0	0	0	0	0	12
	05:00	0	7	10	0	1	0	0	0	2	0	0	0	2	0	22
	05:15	0	7	11	0	1	1	0	0	4	0	0	0	3	0	27
	05:30	0	11	12	2	0	2	0	1	1	0	0	0	4	1	34
	05:45	0	15	18	1	0	0	0	1	3	1	0	0	1	0	40
	06:00	0	13	20	1	0	0	0	0	5	0	0	0	2	0	41
	06:15	0	26	23	1	0	1	0	0	3	0	0	0	0	0	54
	06:30	1	17	39	1	1	0	0	1	6	1	0	0	1	0	68
	06:45	0	19	22	2	7	2	0	1	6	2	0	0	2	1	64
	07:00	0	22	32	2	4	0	0	1	5	0	0	0	1	1	68
	07:15	0	25	44	3	6	0	1	2	5	0	0	0	0	0	86
	07:30	2	44	40	1	2	2	0	3	4	4	0	0	3	0	105
	07:45	0	41	48	4	1	1	0	0	14	1	0	0	1	0	111
	08:00	0	25	33	1	9	1	0	1	7	2	0	0	2	0	81
	08:15	0	21	41	0	4	1	0	0	10	0	0	0	3	1	81
	08:30	0	19	39	1	3	0	0	1	5	0	0	0	0	0	68
	08:45	1	22	43	1	1	2	0	0	10	2	0	0	3	0	85
	09:00	1	16	38	1	1	3	1	2	15	1	0	1	3	1	84
	09:15	0	17	21	0	2	1	0	1	13	2	0	0	4	0	61
	09:30	0	22	34	2	3	1	0	0	8	2	0	0	2	0	74
	09:45	0	17	38	0	0	1	0	0	11	0	0	0	4	0	71
	10:00	0	18	35	0	3	0	0	2	7	0	0	0	2	0	67
	10:15	0	27	29	3	1	3	1	1	4	3	0	0	1	0	73
	10:30	0	13	36	0	3	2	0	2	18	0	0	0	3	0	77
	10:45	0	29	28	0	1	3	0	0	8	4	0	0	1	0	74
	11:00	0	24	36	0	5	2	0	1	13	0	0	0	1	0	82
	11:15	1	20	28	1	4	3	0	2	11	0	0	0	2	0	72
	11:30	0	31	21	0	3	3	0	0	13	2	0	0	3	0	76
	11:45	0	32	23	0	1	3	0	1	10	1	0	0	2	1	74
	12:00	0	26	29	0	1	3	1	1	6	1	0	0	2	2	72
	12:15	0	30	29	1	4	1	0	0	5	1	0	0	0	0	71

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	23	29	0	4	2	0	3	10	2	0	0	3	0	76
Tue	12:45	0	22	25	0	3	0	0	3	12	0	0	0	4	0	69
	13:00	0	33	38	2	0	1	0	0	11	2	0	0	1	0	88
	13:15	0	28	33	0	2	2	0	0	13	2	0	0	1	1	82
	13:30	1	31	30	1	1	1	0	1	8	0	0	0	1	0	75
	13:45	1	32	39	1	2	1	0	0	10	0	0	0	4	0	90
	14:00	0	18	35	5	4	3	0	0	7	2	0	0	1	0	75
	14:15	0	34	23	0	5	1	0	0	14	0	0	0	3	0	80
	14:30	0	31	29	2	2	1	0	1	14	0	0	0	2	0	82
	14:45	0	27	36	4	1	4	0	0	6	2	0	0	1	0	81
	15:00	1	28	32	3	0	0	0	0	10	4	1	0	2	0	81
	15:15	0	37	24	0	1	0	1	2	8	0	0	0	2	0	75
	15:30	0	40	36	0	1	0	0	2	11	3	0	0	0	0	93
	15:45	0	44	31	1	1	1	0	0	8	0	0	0	0	0	86
	16:00	0	51	31	2	3	3	0	1	7	3	0	0	0	0	101
	16:15	0	50	28	2	1	0	0	1	10	0	0	0	1	0	93
	16:30	1	49	42	1	1	0	0	0	4	1	0	0	4	0	103
	16:45	0	60	31	1	0	1	1	0	8	1	0	0	3	1	107
	17:00	0	60	44	0	2	1	0	1	10	0	0	0	1	0	119
	17:15	0	68	34	0	0	0	1	1	8	0	0	0	2	0	114
	17:30	0	59	46	1	3	0	1	0	5	2	0	0	0	0	117
	17:45	0	35	43	1	2	2	0	0	4	1	0	0	2	0	90
	18:00	1	40	37	0	1	0	0	1	8	1	0	0	0	0	89
	18:15	1	31	20	0	1	0	0	1	12	0	1	0	2	0	69
	18:30	1	32	25	0	1	0	0	0	5	2	0	0	2	0	68
	18:45	0	44	31	0	1	1	0	0	4	1	0	0	0	0	82
	19:00	0	37	27	0	0	2	0	0	6	1	0	0	0	0	73
	19:15	0	25	16	0	1	0	0	2	7	0	0	0	1	0	52
	19:30	0	22	19	0	0	0	1	0	3	1	1	0	4	0	51
	19:45	0	21	22	0	2	0	0	0	7	0	0	0	4	1	57
	20:00	0	22	14	1	0	0	0	2	6	0	0	0	1	1	47
	20:15	0	28	16	2	0	0	0	0	6	0	0	0	1	0	53
	20:30	0	17	9	1	0	0	0	1	6	0	0	0	2	0	36
	20:45	1	19	19	1	0	0	0	0	3	0	0	1	1	0	45
	21:00	0	14	15	1	0	0	0	1	3	0	1	0	0	0	35
	21:15	0	15	11	0	0	0	0	0	6	1	0	0	0	0	33
	21:30	0	12	14	0	0	0	0	0	1	1	0	2	1	0	31
	21:45	0	13	2	0	0	0	0	0	1	0	0	0	0	0	16
	22:00	0	15	6	0	0	0	0	0	7	0	0	0	1	0	29
	22:15	0	14	9	1	0	0	0	1	5	0	0	0	0	0	30
	22:30	0	12	7	0	1	0	0	0	3	0	0	0	0	0	23
	22:45	0	8	8	0	1	0	0	0	5	0	0	0	2	0	24
	23:00	0	11	7	0	0	0	0	0	3	0	0	0	0	0	21
	23:15	1	9	4	0	0	0	0	0	3	0	0	0	0	0	17
	23:30	0	4	5	0	0	0	0	0	4	0	0	0	0	0	13
	23:45	0	7	4	1	0	0	0	0	1	0	0	0	1	0	14
Daily Total :		15	2046	2054	73	124	70	9	53	588	67	4	5	133	12	5253
Percent :		0%	39%	39%	1%	2%	1%	0%	1%	11%	1%	0%	0%	3%	0%	
Average :		0	21	21	1	1	1	0	1	6	1	0	0	1	0	54

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	6	1	0	0	0	0	0	0	3	0	0	0	0	10
Wed	00:15	0	4	8	1	0	0	0	0	3	1	0	1	0	0	18
	00:30	0	4	8	0	0	0	0	0	3	1	0	1	0	1	18
	00:45	0	5	1	0	0	0	0	0	1	0	0	0	0	0	7
	01:00	0	1	3	0	0	1	0	0	1	1	0	0	0	0	7
	01:15	0	3	2	0	0	0	0	0	1	1	0	0	0	0	7
	01:30	0	3	2	0	0	0	0	0	2	0	0	0	1	0	8
	01:45	0	4	1	0	0	0	0	1	2	0	0	0	0	0	8
	02:00	0	0	3	0	0	1	0	0	4	0	0	0	1	0	9
	02:15	0	1	2	0	0	0	0	0	1	1	0	0	0	0	5
	02:30	0	1	0	0	0	0	0	0	4	0	0	0	1	0	6
	02:45	0	1	0	1	0	0	0	0	1	0	0	0	1	0	4
	03:00	0	2	1	0	0	0	0	0	2	0	0	0	1	0	6
	03:15	0	0	1	0	0	0	0	0	5	0	0	0	2	0	8
	03:30	0	1	3	0	0	0	0	0	6	1	0	0	1	0	12
	03:45	0	4	1	2	0	0	0	0	3	0	0	0	1	1	12
	04:00	0	6	4	0	1	0	0	1	3	0	0	0	2	0	17
	04:15	0	3	3	2	0	0	0	0	3	0	0	0	0	0	11
	04:30	0	6	4	1	1	0	0	0	4	0	0	0	1	0	17
	04:45	0	9	8	4	0	0	0	1	3	0	0	0	1	0	26
	05:00	0	7	6	0	0	0	0	0	7	0	0	0	1	0	21
	05:15	0	8	9	0	2	2	0	0	2	2	1	0	1	0	27
	05:30	1	13	6	0	1	0	0	1	11	1	0	0	1	0	35
	05:45	1	18	14	2	1	1	0	0	4	0	0	0	1	0	42
	06:00	0	16	19	1	1	0	0	0	5	1	0	0	3	0	46
	06:15	0	28	27	2	0	0	0	0	3	0	0	0	2	0	62
	06:30	0	29	36	2	1	1	0	0	4	1	0	0	1	0	75
	06:45	0	28	22	2	2	2	0	0	4	0	0	1	3	0	64
	07:00	0	35	29	2	3	0	0	1	10	0	0	0	2	1	83
	07:15	0	40	40	1	2	1	0	0	8	1	0	0	0	0	93
	07:30	1	54	39	2	2	3	0	1	9	0	0	0	1	0	112
	07:45	0	44	45	4	0	1	0	0	9	1	0	0	0	0	104
	08:00	0	28	28	1	1	0	0	1	10	0	0	0	5	0	74
	08:15	1	30	34	1	3	1	0	1	13	0	0	0	2	1	87
	08:30	0	22	35	3	4	0	0	0	7	4	0	1	3	1	80
	08:45	0	22	30	3	3	1	0	2	11	2	0	0	2	0	76
	09:00	1	17	31	1	3	0	0	1	13	2	0	0	3	0	72
	09:15	0	23	32	3	3	2	1	1	8	2	0	0	5	0	80
	09:30	0	29	21	0	2	2	0	1	18	0	0	1	2	0	76
	09:45	1	16	27	0	6	1	0	1	16	4	0	0	3	0	75
	10:00	0	23	31	1	3	0	0	2	10	0	0	0	3	0	73
	10:15	1	23	32	2	0	4	0	2	14	2	0	0	4	0	84
	10:30	0	19	32	3	2	0	0	3	12	4	0	0	5	2	82
	10:45	0	18	35	2	2	2	0	0	9	0	0	0	1	1	70
	11:00	0	21	39	2	0	2	0	1	12	1	0	0	0	0	78
	11:15	1	13	24	2	0	2	0	1	8	2	0	0	2	0	55
	11:30	0	20	30	2	0	1	0	2	15	3	0	0	3	0	76
	11:45	0	33	29	1	1	1	0	0	19	3	0	0	0	0	87
	12:00	1	32	35	1	0	0	0	1	6	2	0	0	4	1	83
	12:15	0	27	27	1	3	0	0	0	16	2	0	0	4	1	81

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	1	29	25	1	3	1	0	0	14	0	0	0	0	1	75
Wed	12:45	3	29	32	2	3	0	0	1	13	3	0	0	2	0	88
	13:00	0	30	33	3	3	0	0	2	12	1	0	0	5	0	89
	13:15	0	34	33	2	5	0	0	0	10	1	0	0	7	0	92
	13:30	0	30	37	1	0	2	0	1	10	5	0	0	3	0	89
	13:45	0	35	36	5	3	2	0	0	9	2	0	0	1	0	93
	14:00	0	27	42	4	4	0	0	1	12	1	0	0	1	0	92
	14:15	0	35	38	2	3	2	0	0	6	4	0	0	5	0	95
	14:30	0	35	41	2	4	2	0	1	8	4	0	0	3	0	100
	14:45	0	42	32	2	3	3	0	3	10	1	0	0	1	0	97
	15:00	0	36	30	3	1	2	0	0	12	1	0	0	2	0	87
	15:15	1	49	47	2	2	2	0	0	3	2	0	0	3	1	112
	15:30	0	35	53	1	0	1	0	0	14	3	0	0	2	0	109
	15:45	1	46	34	2	2	0	0	3	12	3	0	0	0	0	103
	16:00	0	58	44	1	1	0	1	0	3	1	0	0	1	1	111
	16:15	0	35	33	1	4	2	0	0	10	7	0	0	1	1	94
	16:30	0	46	41	0	3	0	0	0	7	0	0	0	1	0	98
	16:45	0	41	41	2	1	0	0	0	10	0	1	0	2	0	98
	17:00	0	49	38	1	1	0	0	1	10	0	0	0	2	0	102
	17:15	0	71	49	0	1	0	0	1	10	1	0	0	1	0	134
	17:30	0	56	44	0	0	2	0	0	11	2	0	0	4	0	119
	17:45	0	45	47	0	1	0	0	4	7	0	0	0	0	0	104
	18:00	0	41	38	0	0	0	1	0	7	0	0	1	1	0	89
	18:15	0	27	31	1	1	1	0	0	9	0	0	0	0	0	70
	18:30	0	32	25	0	0	0	0	0	10	0	0	0	1	1	69
	18:45	0	44	30	0	0	1	0	0	11	1	0	1	0	0	88
	19:00	0	31	31	0	1	0	0	0	6	0	0	1	0	1	71
	19:15	0	20	17	0	1	0	0	0	3	0	0	0	1	2	44
	19:30	0	24	27	0	2	0	0	0	7	4	0	1	2	2	69
	19:45	0	35	21	0	1	0	1	0	5	1	0	0	2	0	66
	20:00	0	26	21	0	0	1	0	0	9	2	1	0	1	0	61
	20:15	0	23	19	0	0	0	0	0	5	0	0	0	1	0	48
	20:30	0	16	14	1	0	0	0	1	9	0	0	0	1	1	43
	20:45	0	16	13	0	0	0	0	0	9	0	1	1	0	0	40
	21:00	0	21	15	1	0	0	0	1	3	3	0	0	0	0	44
	21:15	0	15	15	0	0	0	0	0	4	0	0	0	1	0	35
	21:30	0	11	13	0	1	0	0	1	4	0	0	3	1	0	34
	21:45	0	14	6	0	0	0	0	0	3	1	0	0	0	0	24
	22:00	0	10	7	0	0	0	0	0	5	0	0	1	2	0	25
	22:15	0	7	4	0	0	0	0	0	6	0	0	0	1	0	18
	22:30	0	13	8	0	1	0	0	0	1	2	0	0	1	0	26
	22:45	0	7	3	0	0	0	0	0	3	0	0	0	0	0	13
	23:00	0	4	4	0	0	0	0	0	4	0	0	0	1	0	13
	23:15	0	11	1	0	0	0	0	0	2	0	0	0	0	0	14
	23:30	0	7	7	1	0	0	0	1	2	0	0	0	0	0	18
	23:45	0	6	8	0	0	0	0	0	2	1	0	0	2	0	19
Daily Total :		15	2154	2128	99	109	56	4	48	687	106	4	14	146	21	5591
Percent :		0%	39%	38%	2%	2%	1%	0%	1%	12%	2%	0%	0%	3%	0%	
Average :		0	22	22	1	1	1	0	1	7	1	0	0	2	0	58

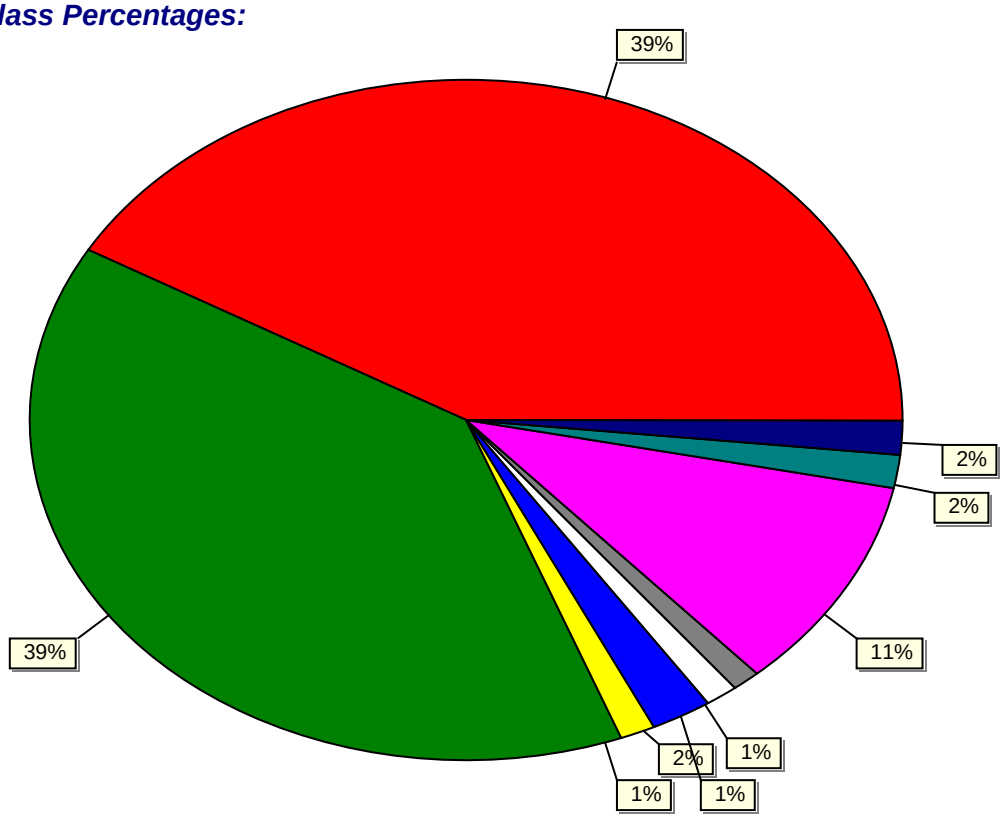
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	5	3	0	0	1	0	0	3	2	0	1	0	0	15
Thu	00:15	0	7	0	0	1	0	0	0	2	1	0	0	2	1	14
	00:30	0	5	1	0	0	0	0	0	2	0	0	0	0	2	10
	00:45	1	6	2	0	0	0	0	0	3	0	0	1	1	1	15
	01:00	0	5	4	0	0	0	0	0	1	0	0	0	0	0	10
	01:15	0	4	1	0	0	0	0	0	0	0	0	0	0	1	6
	01:30	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	01:45	0	2	3	0	0	0	0	0	4	0	0	0	0	0	9
	02:00	0	4	3	0	0	0	0	1	1	0	0	0	0	0	9
	02:15	0	0	1	0	0	0	0	0	2	1	0	0	0	1	5
	02:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	02:45	0	1	3	1	0	0	0	1	1	0	0	0	0	0	7
	03:00	0	3	2	0	0	0	0	0	1	0	0	0	2	0	8
	03:15	0	1	4	0	0	0	0	1	3	0	0	0	0	0	9
	03:30	0	1	0	0	0	0	0	0	3	0	0	0	0	0	4
	03:45	0	1	7	1	1	0	0	0	1	0	0	0	0	2	13
	04:00	0	6	5	0	1	0	0	0	1	0	0	0	1	1	15
	04:15	0	1	1	1	1	0	0	0	4	0	0	0	1	0	9
	04:30	0	8	3	2	0	0	0	0	1	0	0	0	2	1	17
	04:45	0	12	5	2	0	0	0	1	2	1	0	0	1	0	24
	05:00	0	8	6	0	0	0	0	0	3	0	0	0	2	2	21
	05:15	0	8	14	0	1	3	0	0	7	0	0	0	0	0	33
	05:30	0	11	9	1	1	1	1	1	5	2	0	0	1	0	33
	05:45	0	14	8	0	2	0	0	0	9	2	0	0	2	1	38
	06:00	0	20	15	2	0	0	0	1	4	2	0	0	0	1	45
	06:15	0	24	19	1	1	1	0	0	4	0	0	0	1	0	51
	06:30	0	33	33	1	1	1	0	1	8	3	0	0	2	0	83
	06:45	0	33	29	1	3	1	0	2	5	2	0	0	0	0	76
	07:00	0	35	20	3	0	0	0	0	6	1	0	0	1	3	69
	07:15	0	34	22	1	2	0	0	1	7	1	0	0	0	1	69
	07:30	1	57	36	1	1	4	1	2	5	1	0	0	2	1	112
	07:45	0	50	48	2	2	0	0	0	7	5	0	0	2	1	117
	08:00	0	31	39	0	0	1	0	0	10	3	0	0	1	1	86
	08:15	1	18	47	0	4	0	0	0	6	2	0	0	1	3	82
	08:30	0	26	24	4	1	0	0	0	12	0	0	0	3	0	70
	08:45	0	16	22	1	2	4	0	1	12	2	0	0	4	0	64
	09:00	0	22	27	0	2	0	0	1	10	4	0	0	5	1	72
	09:15	0	31	41	0	1	0	0	0	7	2	0	0	1	3	86
Daily Total :		3	546	513	25	28	17	2	14	162	37	0	2	38	28	1415
Percent :		0%	39%	36%	2%	2%	1%	0%	1%	11%	3%	0%	0%	3%	2%	
Average :		0	14	14	1	1	0	0	0	4	1	0	0	1	1	37

Basic Axle Class Summary: 4D0021456

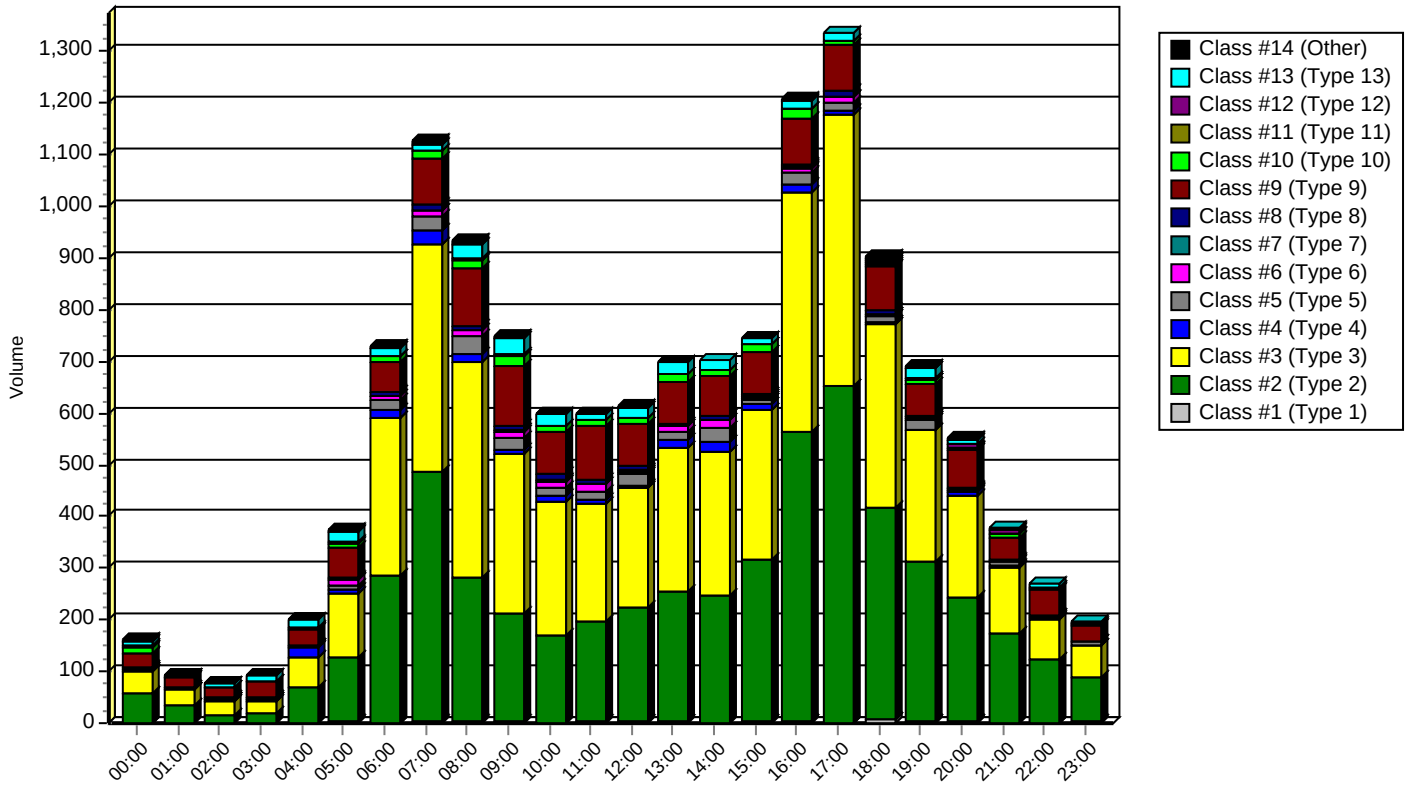
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	46	5532	5407	207	307	154	15	135	1584	223	10	30	332	62	14044
		46	5532	5407	207	307	154	15	135	1584	223	10	30	332	62	14044
Percents :	#1.	0%	39%	39%	1%	2%	1%	0%	1%	11%	2%	0%	0%	2%	0%	100%
		0%	39%	39%	1%	2%	1%	0%	1%	11%	2%	0%	0%	2%	0%	
Average :	#1.	0	21	21	1	1	1	0	1	6	1	0	0	1	0	54
		0	21	21	1	1	1	0	1	6	1	0	0	1	0	54
Days & ADT :	#1.	2.7	5145													
		2.7	5145													

4D0021456 Axle Class Charts For Data From: 16:00 - 04/11/2011 To: 09:44 - 04/14/2011

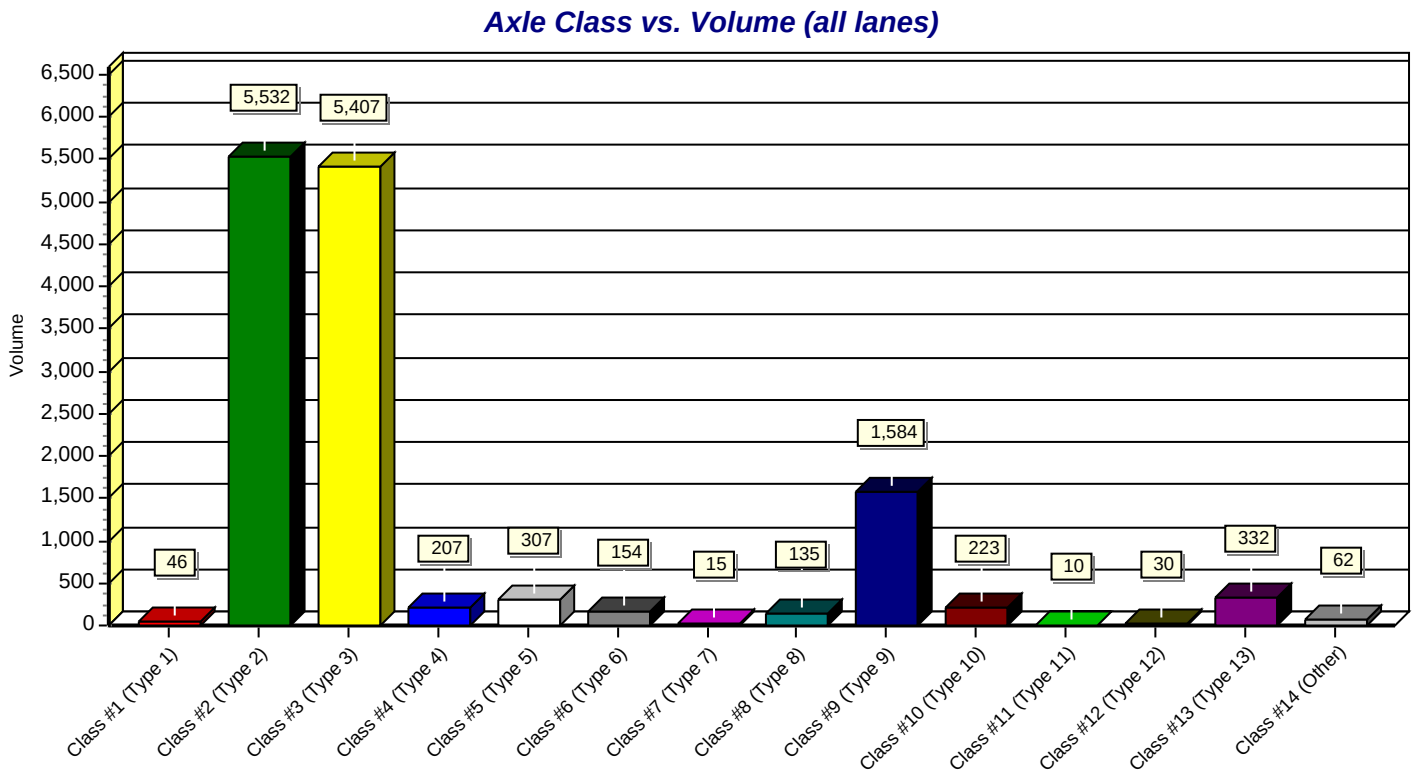
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0021456 Axle Class Charts For Data From: 16:00 - 04/11/2011 To: 09:44 - 04/14/2011



Basic Speed Classification Report: 4D0021456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 16:00 - 04/11/2011 To: 09:44 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	16:00	0	0	0	0	0	1	3	1	1	12	49	39	6	1	0	0	113
Mon	16:15	0	0	0	0	0	0	0	1	3	11	44	29	5	0	0	0	93
	16:30	0	0	0	0	0	0	0	0	4	15	40	29	3	0	0	0	91
	16:45	0	0	0	0	0	0	0	0	3	17	42	38	5	0	1	0	106
	17:00	0	0	0	0	0	0	0	1	3	17	60	32	2	0	0	0	115
	17:15	0	0	0	0	0	1	0	0	2	18	43	47	2	0	0	0	113
	17:30	0	0	0	0	0	0	0	1	3	15	53	43	5	2	0	0	122
	17:45	0	0	0	0	0	0	0	0	4	9	39	31	3	1	0	0	87
	18:00	0	0	0	0	0	0	0	0	3	10	29	29	6	1	0	0	78
	18:15	0	0	0	0	0	0	1	2	0	6	19	34	11	3	0	0	76
	18:30	1	0	0	0	0	0	0	0	2	3	27	20	6	1	0	0	60
	18:45	0	0	0	0	0	0	0	0	1	3	25	27	7	1	0	0	64
	19:00	0	0	0	0	0	0	0	0	4	12	13	17	8	1	0	0	55
	19:15	0	0	0	0	0	0	0	0	0	2	27	23	5	0	0	0	57
	19:30	0	0	0	0	0	0	0	1	1	12	16	18	4	1	0	0	53
	19:45	0	0	0	0	0	0	0	0	3	6	17	12	6	1	0	0	45
	20:00	0	0	0	0	0	0	0	0	1	13	24	14	4	1	0	0	57
	20:15	0	0	0	0	0	0	0	1	3	2	16	21	1	1	0	0	45
	20:30	0	0	0	0	0	0	0	1	2	6	15	16	4	0	0	0	44
	20:45	0	0	0	0	0	0	0	2	1	7	12	10	1	0	0	0	33
	21:00	0	0	0	0	0	0	0	0	3	7	8	14	2	0	0	0	34
	21:15	0	0	0	0	0	0	0	2	1	10	11	11	0	0	0	0	35
	21:30	0	0	0	0	0	0	0	0	0	6	10	10	1	1	0	0	28
	21:45	0	0	0	0	0	0	0	0	1	5	12	6	7	0	0	0	31
	22:00	0	0	0	0	0	0	0	0	2	2	8	9	1	0	1	0	23
	22:15	0	0	0	0	0	0	0	0	2	6	8	6	3	0	0	0	25
	22:30	0	0	0	0	0	0	0	0	1	3	7	10	0	0	0	0	21
	22:45	0	0	0	0	0	0	0	0	1	0	4	6	1	0	0	0	12
	23:00	0	0	0	0	0	0	0	0	0	3	4	9	0	0	0	0	16
	23:15	0	0	0	0	0	0	0	0	0	2	11	4	0	0	1	0	18
	23:30	1	0	0	0	0	0	0	0	1	5	7	6	0	0	0	0	20
	23:45	0	0	0	0	0	0	0	0	0	3	7	5	0	0	0	0	15
Daily Total :		2	0	0	0	0	2	4	13	56	248	707	625	109	16	3	0	1785
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	3%	14%	40%	35%	6%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	2	8	22	20	3	1	0	0	54

Speeds - Average: 68.8 50% : 69.0 67% : 71.4 85% : 73.9 10mph Pace: 65.0 - 74.9 (74.6%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	2	8	5	1	0	1	0	17
Tue	00:15	0	0	0	0	0	0	0	1	0	3	3	8	0	0	0	0	15
	00:30	0	0	0	0	0	0	0	0	0	1	5	4	0	0	0	0	10
	00:45	0	0	0	0	0	0	0	0	1	4	3	5	0	0	0	0	13
	01:00	0	0	0	0	0	0	0	0	0	1	6	2	0	0	0	0	9
	01:15	0	0	0	0	0	0	0	0	1	0	1	2	0	1	0	0	5
	01:30	0	0	0	0	0	0	0	0	1	2	4	1	2	0	0	0	10
	01:45	0	0	0	0	0	0	0	0	0	1	6	2	0	0	0	0	9
	02:00	0	0	0	0	0	0	0	0	1	1	4	3	0	0	0	0	9
	02:15	0	0	0	0	0	0	0	1	1	2	2	3	1	0	0	0	10
	02:30	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	3
	02:45	0	0	0	0	0	0	0	0	0	1	4	2	1	0	0	0	8
	03:00	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	6
	03:15	0	0	0	0	0	0	0	0	0	3	2	2	0	0	0	0	7
	03:30	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	3
	03:45	0	0	0	0	0	0	0	1	0	0	2	3	0	0	0	0	6
	04:00	0	0	0	0	0	0	0	0	0	2	6	8	1	1	0	0	18
	04:15	0	0	0	0	0	0	0	0	0	4	6	5	1	0	0	0	16
	04:30	0	0	0	0	0	0	0	1	2	7	7	1	0	1	0	0	19
	04:45	0	0	0	0	0	0	0	1	0	1	6	3	1	0	0	0	12
	05:00	0	0	0	0	0	0	0	0	2	2	8	5	4	0	1	0	22
	05:15	0	0	0	0	0	0	0	0	0	3	11	10	3	0	0	0	27
	05:30	0	0	0	0	0	0	0	0	1	1	12	14	6	0	0	0	34
	05:45	0	0	0	0	0	0	0	1	1	5	9	17	6	1	0	0	40
	06:00	0	0	0	0	0	0	0	1	1	3	19	13	4	0	0	0	41
	06:15	0	0	0	0	0	0	0	0	1	3	17	22	8	2	1	0	54
	06:30	0	0	0	0	0	0	0	0	3	4	22	26	10	3	0	0	68
	06:45	0	0	0	0	0	0	0	1	2	3	17	26	11	4	0	0	64
	07:00	0	0	0	0	0	0	0	0	5	4	12	32	12	3	0	0	68
	07:15	0	0	0	0	0	0	0	1	0	14	23	36	11	1	0	0	86
	07:30	0	0	1	0	0	0	0	0	3	13	32	43	12	1	0	0	105
	07:45	0	0	0	0	0	0	0	0	2	7	36	49	15	1	1	0	111
	08:00	0	0	0	0	0	0	0	1	4	5	34	31	6	0	0	0	81
	08:15	0	0	0	0	0	0	0	0	4	13	30	27	6	1	0	0	81
	08:30	0	0	0	0	0	0	0	1	2	7	24	24	9	1	0	0	68
	08:45	0	0	0	0	0	0	0	0	1	12	44	24	3	1	0	0	85
	09:00	0	0	0	0	0	0	0	0	4	16	32	25	6	1	0	0	84
	09:15	0	0	0	0	0	0	0	0	1	8	35	16	1	0	0	0	61
	09:30	0	0	0	0	0	0	0	1	1	8	29	30	5	0	0	0	74
	09:45	0	0	0	0	0	0	0	0	2	3	28	35	1	2	0	0	71
	10:00	0	0	0	0	0	0	0	0	4	8	25	25	4	1	0	0	67
	10:15	0	0	0	0	0	0	0	1	0	13	34	21	4	0	0	0	73
	10:30	0	0	0	0	0	0	0	0	4	7	33	26	6	1	0	0	77
	10:45	0	0	0	0	0	0	0	0	5	10	26	27	6	0	0	0	74
	11:00	0	0	0	0	0	0	0	0	3	14	45	19	1	0	0	0	82
	11:15	0	0	0	0	0	2	0	1	8	16	30	13	2	0	0	0	72
	11:30	0	0	0	0	0	0	0	0	3	14	31	26	2	0	0	0	76
	11:45	0	0	0	0	0	0	0	2	1	21	34	14	2	0	0	0	74
	12:00	0	0	0	0	0	0	1	0	3	10	30	19	5	3	1	0	72
	12:15	0	0	0	0	0	0	0	1	3	8	33	21	3	2	0	0	71

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	2	19	37	18	0	0	0	0	76
Tue	12:45	0	0	0	0	0	0	0	0	0	5	42	16	4	2	0	0	69
	13:00	0	0	0	0	0	0	0	0	5	20	43	15	5	0	0	0	88
	13:15	0	0	0	0	0	0	1	0	1	17	42	16	4	0	1	0	82
	13:30	0	0	0	0	0	0	0	0	8	15	33	17	2	0	0	0	75
	13:45	0	0	0	0	0	0	0	0	5	21	51	12	1	0	0	0	90
	14:00	0	0	0	0	0	0	0	1	5	18	45	6	0	0	0	0	75
	14:15	0	0	0	0	0	0	0	0	4	12	45	16	2	1	0	0	80
	14:30	0	0	0	0	0	0	0	0	10	16	41	13	2	0	0	0	82
	14:45	0	0	0	0	0	0	0	2	1	14	47	14	2	1	0	0	81
	15:00	0	0	0	0	0	0	0	0	7	19	42	11	2	0	0	0	81
	15:15	0	0	0	0	0	0	0	0	5	19	31	17	3	0	0	0	75
	15:30	0	0	0	0	0	0	0	1	3	19	50	20	0	0	0	0	93
	15:45	0	0	0	0	1	0	0	0	5	17	44	17	2	0	0	0	86
	16:00	0	0	0	0	0	0	0	0	6	33	42	18	2	0	0	0	101
	16:15	0	0	0	0	0	0	0	0	2	17	57	15	2	0	0	0	93
	16:30	0	0	0	0	0	0	0	1	5	23	43	27	4	0	0	0	103
	16:45	0	0	0	0	0	0	0	0	2	27	54	20	3	0	1	0	107
	17:00	0	0	0	0	0	0	0	5	6	22	63	22	1	0	0	0	119
	17:15	0	0	0	0	0	0	0	1	2	23	54	31	2	1	0	0	114
	17:30	0	0	0	0	0	0	0	0	3	21	50	36	6	1	0	0	117
	17:45	0	0	0	0	0	0	0	0	1	12	44	32	1	0	0	0	90
	18:00	0	0	0	0	0	0	0	1	0	13	41	29	5	0	0	0	89
	18:15	0	0	0	0	0	0	0	0	5	16	26	20	2	0	0	0	69
	18:30	0	0	0	0	0	0	0	0	3	14	32	10	9	0	0	0	68
	18:45	0	0	0	0	0	0	0	1	0	6	59	14	2	0	0	0	82
	19:00	0	0	0	0	0	0	0	1	3	4	39	19	6	1	0	0	73
	19:15	0	0	0	0	0	0	0	0	2	10	20	17	2	1	0	0	52
	19:30	0	0	0	0	0	0	0	0	1	14	22	14	0	0	0	0	51
	19:45	0	0	0	0	0	0	0	0	0	11	26	16	2	2	0	0	57
	20:00	0	0	0	0	0	0	0	0	1	8	23	14	1	0	0	0	47
	20:15	0	0	0	0	0	0	0	0	3	15	23	10	2	0	0	0	53
	20:30	0	0	0	0	0	0	0	3	7	9	10	7	0	0	0	0	36
	20:45	0	0	0	0	0	0	0	2	2	10	20	10	1	0	0	0	45
	21:00	0	0	0	0	0	0	0	0	2	6	18	9	0	0	0	0	35
	21:15	0	0	0	0	0	0	0	0	2	8	16	5	2	0	0	0	33
	21:30	0	0	0	0	0	0	0	0	1	9	16	5	0	0	0	0	31
	21:45	0	0	0	0	0	0	0	0	0	3	9	3	1	0	0	0	16
	22:00	0	0	0	0	0	0	0	0	1	5	20	3	0	0	0	0	29
	22:15	1	0	0	0	0	0	0	2	2	7	13	3	1	1	0	0	30
	22:30	0	0	0	0	0	0	0	1	1	5	13	3	0	0	0	0	23
	22:45	0	0	0	0	0	0	0	0	5	2	10	7	0	0	0	0	24
	23:00	0	0	0	0	0	0	0	1	1	3	11	5	0	0	0	0	21
	23:15	0	0	0	0	0	0	0	0	0	2	9	6	0	0	0	0	17
	23:30	0	0	0	0	0	0	0	1	1	3	8	0	0	0	0	0	13
	23:45	0	0	0	0	0	0	0	0	0	3	7	3	0	1	0	0	14

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	1	0	1	2	2	42	213	886	2366	1420	268	44	7	0	5253
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	17%	45%	27%	5%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	2	9	25	15	3	0	0	0	56

Speeds - Average: 68.1 50% : 68.2 67% : 70.2 85% : 73.4 10mph Pace: 65.0 - 74.9 (72.1%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	1	0	6	3	0	0	0	0	10
Wed	00:15	0	0	0	0	0	0	0	0	0	6	7	5	0	0	0	0	18
	00:30	0	0	0	0	0	0	0	0	0	6	7	5	0	0	0	0	18
	00:45	0	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	7
	01:00	0	0	0	0	0	0	0	0	0	1	3	2	1	0	0	0	7
	01:15	0	0	0	0	0	0	0	0	0	2	3	2	0	0	0	0	7
	01:30	0	0	0	0	0	0	0	0	0	0	6	1	1	0	0	0	8
	01:45	0	0	0	0	0	0	0	0	0	3	4	1	0	0	0	0	8
	02:00	0	0	0	0	0	0	0	0	2	0	2	4	1	0	0	0	9
	02:15	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	5
	02:30	0	0	0	0	0	0	0	0	1	0	5	0	0	0	0	0	6
	02:45	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	03:00	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	6
	03:15	0	0	0	0	0	0	0	1	1	2	3	1	0	0	0	0	8
	03:30	0	0	0	0	0	0	0	0	2	0	5	5	0	0	0	0	12
	03:45	0	0	0	0	0	0	0	1	0	2	8	1	0	0	0	0	12
	04:00	0	0	0	0	0	0	0	1	1	3	10	2	0	0	0	0	17
	04:15	0	0	0	0	0	0	0	0	0	3	7	1	0	0	0	0	11
	04:30	0	0	0	0	0	0	0	0	2	2	8	5	0	0	0	0	17
	04:45	0	0	0	0	0	0	0	1	0	8	11	6	0	0	0	0	26
	05:00	0	0	0	0	0	0	0	1	0	1	11	6	2	0	0	0	21
	05:15	0	0	0	0	0	0	1	0	1	2	13	10	0	0	0	0	27
	05:30	0	0	0	0	0	0	0	0	0	3	26	5	0	1	0	0	35
	05:45	0	0	0	0	0	0	0	0	0	6	25	9	2	0	0	0	42
	06:00	0	0	0	0	0	0	0	2	5	9	10	16	4	0	0	0	46
	06:15	0	0	0	0	0	0	0	1	1	11	26	18	5	0	0	0	62
	06:30	0	0	0	0	0	0	0	1	2	7	30	25	8	2	0	0	75
	06:45	0	0	0	0	0	0	0	1	2	7	15	29	6	4	0	0	64
	07:00	0	0	0	0	0	0	0	1	2	11	20	35	12	1	1	0	83
	07:15	1	0	0	0	0	0	0	0	2	6	30	41	8	5	0	0	93
	07:30	0	0	0	0	0	0	0	0	2	10	48	43	9	0	0	0	112
	07:45	0	0	0	0	0	0	0	0	1	13	39	43	8	0	0	0	104
	08:00	1	0	0	0	0	0	0	0	2	8	30	25	7	0	1	0	74
	08:15	1	0	0	0	0	0	0	0	3	18	42	17	5	1	0	0	87
	08:30	0	0	0	0	0	0	0	0	1	12	48	15	2	2	0	0	80
	08:45	0	0	0	0	0	0	0	0	8	10	34	23	1	0	0	0	76
	09:00	0	0	0	0	0	0	1	0	2	16	34	16	3	0	0	0	72
	09:15	0	0	0	0	0	1	0	0	4	19	37	18	0	1	0	0	80
	09:30	0	0	0	0	0	0	0	1	4	18	35	17	1	0	0	0	76
	09:45	0	0	0	0	0	0	0	0	1	10	42	21	1	0	0	0	75
	10:00	0	1	0	0	0	0	0	0	0	19	32	19	2	0	0	0	73
	10:15	0	0	0	0	0	1	0	0	1	28	37	15	2	0	0	0	84
	10:30	0	0	0	0	0	0	0	0	3	21	33	24	1	0	0	0	82
	10:45	0	0	0	0	0	0	0	0	2	15	34	15	4	0	0	0	70
	11:00	0	0	0	0	0	0	0	0	5	13	43	14	3	0	0	0	78
	11:15	1	0	0	0	0	0	0	1	2	12	25	12	2	0	0	0	55
	11:30	0	0	0	0	0	0	0	1	6	18	30	15	5	1	0	0	76
	11:45	0	0	0	0	0	0	0	0	3	17	49	18	0	0	0	0	87
	12:00	0	0	0	0	0	0	0	0	1	7	46	25	4	0	0	0	83
	12:15	0	0	0	0	0	0	0	1	1	11	40	24	4	0	0	0	81

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	1	0	0	0	0	0	0	0	2	15	35	18	3	1	0	0	75
Wed	12:45	0	0	0	0	0	0	0	2	3	19	50	10	4	0	0	0	88
	13:00	0	0	0	0	0	0	0	2	6	19	43	16	1	2	0	0	89
	13:15	0	0	0	0	0	0	0	0	2	17	45	22	5	1	0	0	92
	13:30	0	0	0	0	0	0	0	0	1	10	44	27	7	0	0	0	89
	13:45	0	0	0	0	0	0	0	0	5	10	45	31	1	1	0	0	93
	14:00	1	0	0	0	0	0	0	1	5	21	29	29	5	1	0	0	92
	14:15	0	0	0	0	0	0	0	0	0	18	41	28	8	0	0	0	95
	14:30	0	0	0	0	0	0	2	1	2	17	47	25	3	3	0	0	100
	14:45	0	0	0	0	0	0	0	0	6	23	43	24	1	0	0	0	97
	15:00	0	0	0	0	0	0	0	0	5	8	49	18	6	1	0	0	87
	15:15	0	0	0	0	0	0	0	0	6	19	52	33	1	1	0	0	112
	15:30	0	0	0	0	0	0	0	1	2	13	53	35	4	1	0	0	109
	15:45	0	0	0	0	0	0	1	0	6	20	46	28	2	0	0	0	103
	16:00	0	0	0	0	0	0	0	3	5	19	55	26	3	0	0	0	111
	16:15	0	0	0	0	0	0	0	0	5	28	39	18	3	1	0	0	94
	16:30	0	0	0	0	0	0	0	1	0	12	42	34	9	0	0	0	98
	16:45	0	0	0	0	0	0	0	0	4	12	49	26	6	1	0	0	98
	17:00	0	0	0	0	0	0	0	0	4	11	42	40	5	0	0	0	102
	17:15	0	0	0	0	0	0	0	0	0	14	59	48	12	1	0	0	134
	17:30	0	0	0	0	0	0	0	0	7	11	52	43	6	0	0	0	119
	17:45	0	0	0	0	0	0	0	0	5	13	47	33	5	0	1	0	104
	18:00	0	0	0	0	0	0	0	0	2	10	38	26	12	1	0	0	89
	18:15	0	0	0	0	0	0	0	0	3	14	32	17	4	0	0	0	70
	18:30	0	0	0	0	0	0	0	1	1	10	32	19	5	1	0	0	69
	18:45	0	0	0	0	0	0	0	0	4	11	46	18	7	1	1	0	88
	19:00	0	0	0	0	0	0	0	1	0	7	33	19	9	2	0	0	71
	19:15	0	0	0	0	0	0	0	0	0	2	27	13	2	0	0	0	44
	19:30	0	0	0	0	0	0	0	0	3	14	31	21	0	0	0	0	69
	19:45	0	0	0	0	0	0	0	0	0	15	32	13	6	0	0	0	66
	20:00	0	0	0	0	0	0	0	1	4	18	21	15	2	0	0	0	61
	20:15	0	0	0	0	0	0	0	0	0	9	28	11	0	0	0	0	48
	20:30	0	0	0	0	0	0	0	0	5	17	15	6	0	0	0	0	43
	20:45	0	0	0	0	0	0	0	0	4	12	16	8	0	0	0	0	40
	21:00	0	0	0	0	0	0	1	2	3	9	19	8	2	0	0	0	44
	21:15	0	0	0	0	0	0	0	1	2	3	19	8	2	0	0	0	35
	21:30	0	0	0	0	0	0	0	2	2	4	19	7	0	0	0	0	34
	21:45	0	0	0	0	0	0	0	0	2	4	16	2	0	0	0	0	24
	22:00	0	0	0	0	0	0	0	0	4	4	14	3	0	0	0	0	25
	22:15	0	0	0	0	0	0	1	1	0	5	8	3	0	0	0	0	18
	22:30	0	0	0	0	0	0	0	1	2	3	11	8	0	1	0	0	26
	22:45	0	0	0	0	0	0	0	0	2	3	6	1	1	0	0	0	13
	23:00	0	0	0	0	0	0	0	0	0	0	5	5	2	1	0	0	13
	23:15	0	0	0	0	0	0	0	0	1	3	5	4	1	0	0	0	14
	23:30	0	0	0	0	0	0	0	0	1	4	10	3	0	0	0	0	18
	23:45	0	0	0	0	0	0	0	0	2	3	9	5	0	0	0	0	19

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		6	1	0	0	0	2	7	36	205	935	2567	1518	270	40	4	0	5591
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	17%	46%	27%	5%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	2	10	27	16	3	0	0	0	54

Speeds - Average: 68.0 50% : 68.2 67% : 70.0 85% : 73.3 10mph Pace: 65.0 - 74.9 (73.1%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	1	4	8	1	1	0	0	0	15
Thu	00:15	0	0	0	0	0	0	0	1	1	2	7	3	0	0	0	0	14
	00:30	0	0	0	0	0	0	0	0	1	0	8	1	0	0	0	0	10
	00:45	0	0	0	0	0	0	0	1	4	6	3	1	0	0	0	0	15
	01:00	0	0	0	0	0	0	0	0	0	1	7	2	0	0	0	0	10
	01:15	0	0	0	0	0	0	0	0	1	2	3	0	0	0	0	0	6
	01:30	0	0	0	0	0	0	0	0	1	1	2	2	0	0	0	0	6
	01:45	0	0	0	0	0	0	0	0	1	1	7	0	0	0	0	0	9
	02:00	0	0	0	0	0	0	0	0	0	3	5	1	0	0	0	0	9
	02:15	0	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0	5
	02:30	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
	02:45	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	7
	03:00	0	0	0	0	0	0	0	1	0	3	2	2	0	0	0	0	8
	03:15	0	0	0	0	0	0	1	0	0	1	5	2	0	0	0	0	9
	03:30	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	03:45	0	0	0	0	0	0	2	1	0	4	5	1	0	0	0	0	13
	04:00	0	0	0	0	0	0	1	0	0	3	3	7	1	0	0	0	15
	04:15	0	0	0	0	0	0	0	0	0	2	4	3	0	0	0	0	9
	04:30	0	0	0	0	0	0	0	0	1	7	4	5	0	0	0	0	17
	04:45	0	0	0	0	0	0	0	1	1	5	9	7	0	0	1	0	24
	05:00	0	0	0	0	0	0	0	0	5	5	10	0	1	0	0	0	21
	05:15	0	0	0	0	0	0	0	1	7	6	9	7	3	0	0	0	33
	05:30	0	0	0	0	0	0	0	3	4	7	13	5	1	0	0	0	33
	05:45	0	0	0	0	0	0	0	1	3	11	17	6	0	0	0	0	38
	06:00	0	0	0	0	0	0	0	0	8	19	15	2	1	0	0	0	45
	06:15	0	0	0	0	0	0	0	1	4	13	16	17	0	0	0	0	51
	06:30	0	0	0	0	0	0	0	1	3	21	36	17	3	2	0	0	83
	06:45	0	0	0	0	0	0	0	4	8	5	39	16	3	1	0	0	76
	07:00	0	0	0	0	0	0	0	2	3	11	33	19	1	0	0	0	69
	07:15	0	0	0	0	0	0	0	0	4	13	32	20	0	0	0	0	69
	07:30	0	0	0	0	0	0	0	1	6	23	60	21	1	0	0	0	112
	07:45	0	0	0	0	0	0	0	2	2	28	44	36	4	1	0	0	117
	08:00	0	0	0	0	0	0	0	3	5	18	39	19	1	1	0	0	86
	08:15	1	0	0	0	0	1	0	3	9	22	33	12	1	0	0	0	82
	08:30	0	0	0	0	0	0	0	1	6	16	37	10	0	0	0	0	70
	08:45	0	0	0	0	0	0	2	3	10	19	27	3	0	0	0	0	64
	09:00	0	0	0	0	1	0	0	0	5	20	35	8	2	0	1	0	72
	09:15	0	0	0	0	0	0	1	2	7	25	41	10	0	0	0	0	86
Daily Total :		1	0	0	0	1	1	7	33	113	330	628	269	25	5	2	0	1415
	Percent :	0%	0%	0%	0%	0%	0%	0%	2%	8%	23%	44%	19%	2%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	1	3	9	17	7	1	0	0	0	58

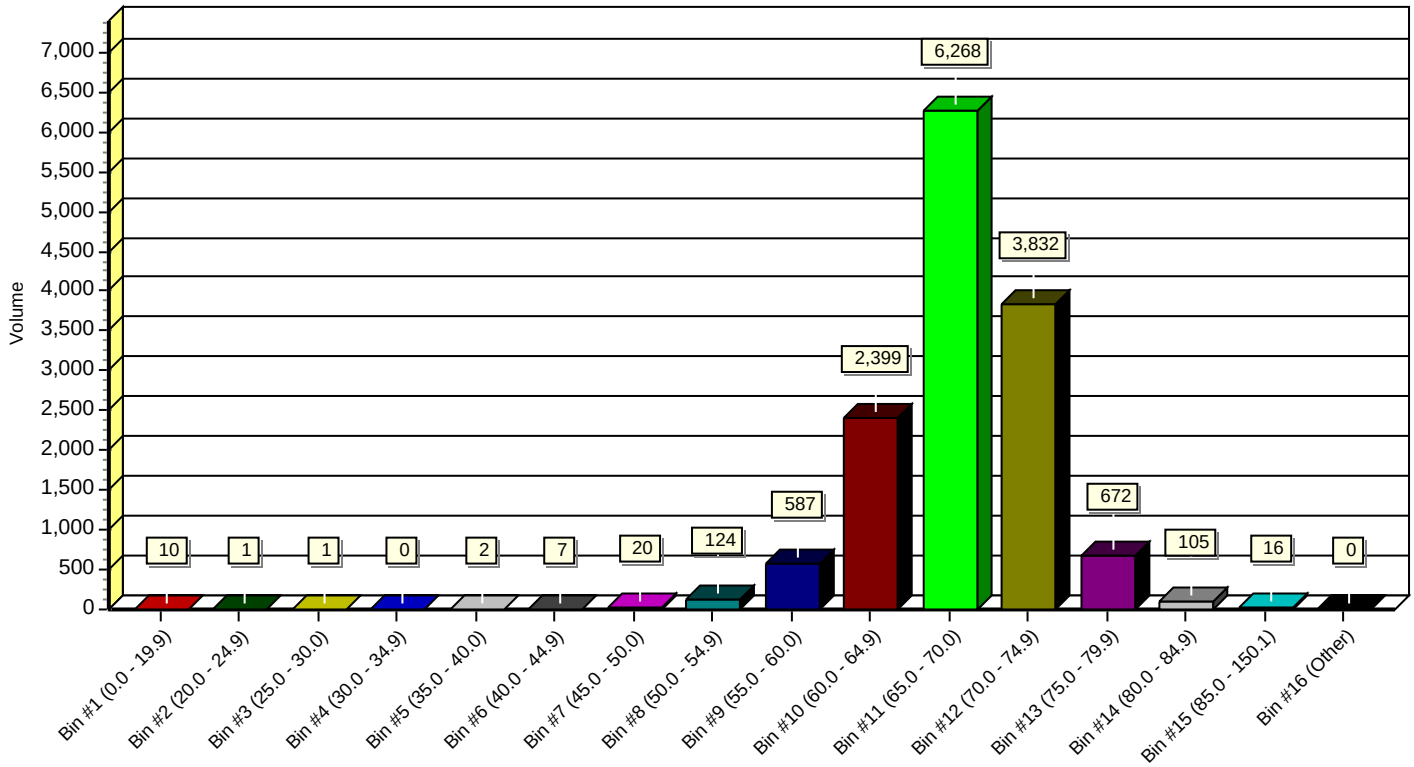
Speeds - Average: 66.2 50% : 66.8 67% : 68.7 85% : 71.8 10mph Pace: 60.1 - 70.0 (67.7%)

Basic Speed Class Summary: 4D0021456

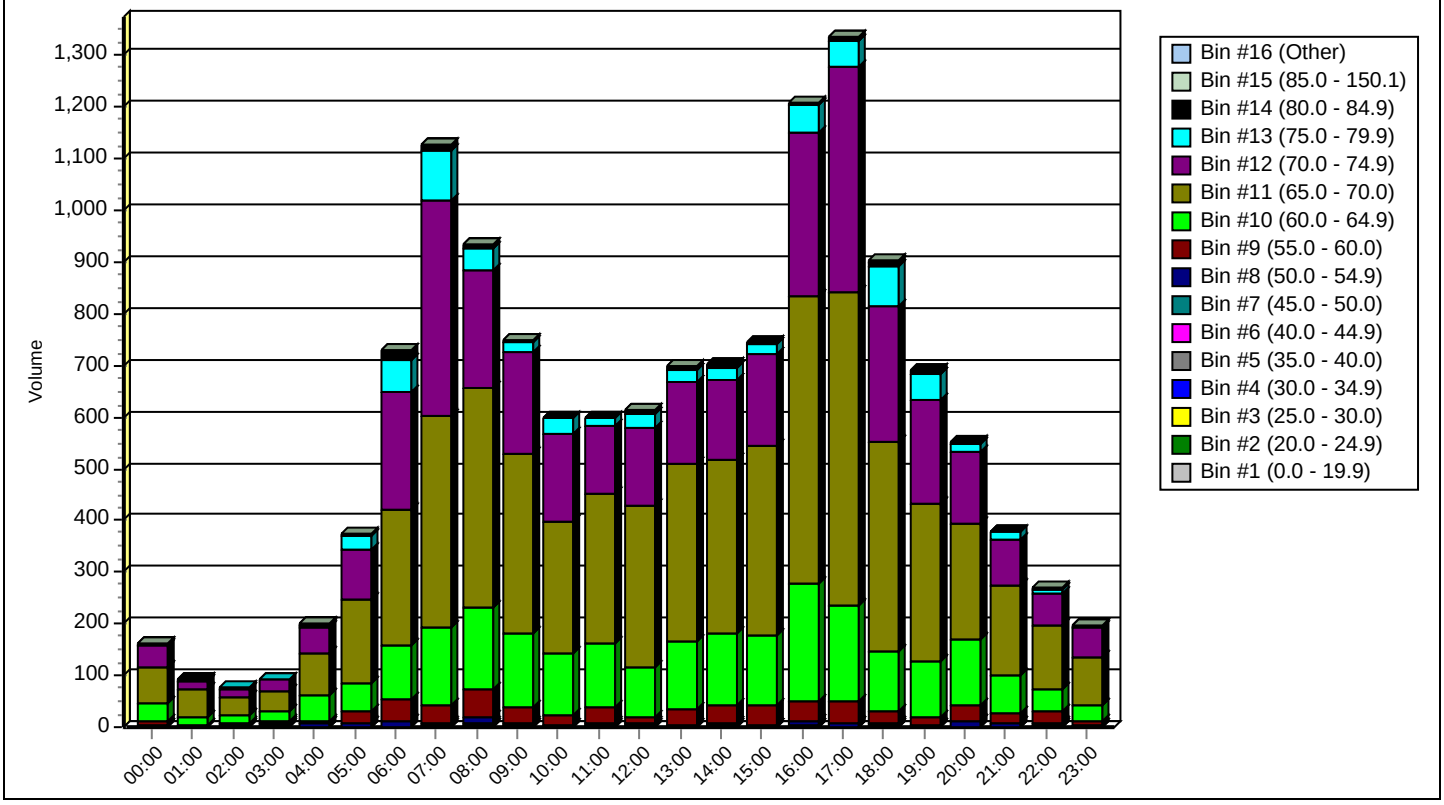
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	10	1	1	0	2	7	20	124	587	2399	6268	3832	672	105	16	0	14044
		10	1	1	0	2	7	20	124	587	2399	6268	3832	672	105	16	0	14044
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	4%	17%	45%	27%	5%	1%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	4%	17%	45%	27%	5%	1%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	2	9	24	15	3	0	0	0	53
		0	0	0	0	0	0	0	0	2	9	24	15	3	0	0	0	53
Days & ADT :	#1.	2.7	5145															
		2.7	5145															
Avg,50,67,85%:	#1.	68.0	68.1	70.0	73.3	65.0	- 74.9	72%										
		68.0	68.1	70.0	73.3	65.0	- 74.9	72%										

4D0021456 Speed Class Charts For Data From: 16:00 - 04/11/2011 To: 09:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0021456

Station ID : 4P0021456
Info Line 1 : WB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 4P0021456.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 91395
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 16:00 - 04/11/2011 To: 09:44 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	16:00	0	32	22	0	0	1	0	0	2	0	0	0	0	0	57
Mon	16:15	2	23	7	0	0	1	0	0	1	0	0	0	1	0	35
	16:30	1	35	14	0	0	1	0	0	1	0	0	0	0	1	53
	16:45	0	24	19	0	0	1	0	1	3	0	0	0	0	0	48
	17:00	0	38	27	0	0	0	0	0	1	0	0	0	0	0	66
	17:15	1	49	28	0	0	0	0	1	2	1	0	0	0	0	82
	17:30	0	43	29	1	0	0	0	0	1	0	0	0	0	1	75
	17:45	0	27	17	0	0	0	0	0	0	0	0	0	0	0	44
	18:00	1	24	15	0	0	0	0	0	0	0	0	0	2	0	42
	18:15	2	6	6	0	0	0	0	0	1	0	0	0	0	0	15
	18:30	0	6	7	0	0	0	0	0	0	0	0	0	0	0	13
	18:45	0	10	8	0	0	0	0	0	1	0	0	0	0	0	19
	19:00	0	9	5	0	0	0	0	0	1	0	0	0	0	0	15
	19:15	0	14	8	0	0	0	0	0	1	0	0	0	0	0	23
	19:30	0	8	6	0	0	0	0	0	2	0	0	0	1	0	17
	19:45	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
	20:00	0	4	6	0	0	0	0	0	1	0	0	1	0	0	12
	20:15	0	6	2	0	0	0	0	0	1	1	0	0	0	0	10
	20:30	1	11	5	0	0	0	0	0	0	0	1	0	0	0	18
	20:45	0	8	4	0	0	1	0	0	1	0	0	0	0	0	14
	21:00	0	4	1	1	0	0	0	0	1	0	0	0	0	0	7
	21:15	0	9	4	0	0	0	0	0	1	0	0	0	0	0	14
	21:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	21:45	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
	22:00	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	22:15	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	22:30	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
	22:45	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	23:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	23:30	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	23:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
Daily Total :		8	429	252	2	0	5	0	2	23	2	1	1	4	2	731
Percent :		1%	59%	34%	0%	0%	1%	0%	0%	3%	0%	0%	0%	1%	0%	
Average :		0	13	8	0	0	0	0	0	1	0	0	0	0	0	22

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Tue	00:15	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	1	3	0	1	0	0	0	0	0	0	0	0	0	5
	05:30	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	05:45	0	7	1	0	0	0	0	0	0	0	0	0	0	0	8
	06:00	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	06:15	0	9	6	0	0	0	0	0	1	0	0	0	1	0	17
	06:30	0	14	16	0	0	0	0	0	1	0	0	0	0	0	31
	06:45	0	14	17	0	1	0	0	0	1	0	0	0	0	0	33
	07:00	0	16	9	0	0	0	0	0	1	0	0	0	1	0	27
	07:15	0	22	14	0	0	0	0	1	0	0	0	0	0	0	37
	07:30	0	34	33	1	2	1	0	0	1	0	0	0	1	0	73
	07:45	1	40	19	0	1	0	0	0	2	0	0	0	0	0	63
	08:00	0	16	12	1	0	0	0	0	1	0	0	0	2	1	33
	08:15	1	17	17	0	0	0	0	1	4	0	0	0	0	0	40
	08:30	0	12	15	0	0	1	0	0	2	0	0	0	0	0	30
	08:45	2	26	13	0	1	0	0	0	0	0	0	0	2	0	44
	09:00	0	15	16	0	0	0	0	0	0	0	0	0	0	0	31
	09:15	0	10	6	0	0	0	0	1	3	0	0	0	0	0	20
	09:30	0	12	6	0	0	0	0	0	1	0	0	0	0	0	19
	09:45	0	8	13	0	2	0	0	0	1	0	0	0	0	0	24
	10:00	0	9	10	0	0	0	0	0	1	0	0	0	1	0	21
	10:15	0	9	10	0	0	0	0	0	1	0	0	0	1	0	21
	10:30	0	4	9	0	0	1	0	0	2	0	0	0	1	0	17
	10:45	0	8	6	0	0	0	0	0	0	0	0	0	0	0	14
	11:00	0	11	8	0	1	0	0	0	4	0	0	0	0	0	24
	11:15	0	6	12	0	1	0	0	0	3	0	0	0	0	1	23
	11:30	0	12	10	0	1	1	0	0	0	0	0	0	0	0	24
	11:45	0	13	7	0	0	1	0	0	0	0	0	0	0	0	21
	12:00	0	12	13	0	0	1	0	0	1	0	0	0	0	0	27
	12:15	0	14	7	0	0	0	0	0	1	1	0	0	0	0	23

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	17	6	0	0	0	0	0	0	0	0	0	0	0	23
Tue	12:45	0	15	7	0	0	0	0	0	0	0	0	0	0	0	22
	13:00	1	10	10	0	0	0	0	0	2	0	0	0	2	0	25
	13:15	0	15	8	0	1	0	0	0	1	0	0	0	0	0	25
	13:30	0	9	9	0	0	2	0	0	2	0	0	0	0	0	22
	13:45	0	17	6	0	0	1	0	0	1	0	0	0	0	0	25
	14:00	0	16	15	0	0	0	0	0	2	0	0	0	1	0	34
	14:15	0	15	16	0	1	0	0	0	2	0	0	0	0	0	34
	14:30	0	15	10	1	0	0	0	1	3	0	0	0	0	1	31
	14:45	0	17	6	0	0	2	0	1	1	0	0	0	0	0	27
	15:00	0	18	8	0	1	1	0	0	3	0	0	0	1	0	32
	15:15	0	17	14	0	0	0	0	1	2	1	0	0	1	0	36
	15:30	0	26	17	0	1	1	0	0	2	0	0	0	0	0	47
	15:45	0	19	15	0	0	0	0	0	2	0	0	0	0	0	36
	16:00	0	30	11	0	0	0	0	0	0	1	0	0	0	0	42
	16:15	0	26	12	0	0	0	0	0	1	1	0	0	0	0	40
	16:30	0	30	14	0	0	0	0	0	1	0	0	1	0	0	46
	16:45	0	42	14	0	0	0	0	0	3	0	0	0	0	0	59
	17:00	1	46	27	0	0	0	0	0	3	0	0	0	0	1	78
	17:15	0	49	29	0	0	0	0	0	7	1	0	0	0	0	86
	17:30	0	40	21	0	0	0	0	0	1	0	0	0	0	0	62
	17:45	0	21	13	0	0	0	0	0	0	0	0	0	0	0	34
	18:00	0	22	16	0	0	0	0	0	0	0	0	0	0	0	38
	18:15	0	18	5	0	0	0	0	0	1	0	0	0	0	0	24
	18:30	0	11	11	0	0	0	0	0	1	0	0	0	0	0	23
	18:45	0	16	6	0	0	0	0	0	0	0	0	0	0	0	22
	19:00	0	2	11	0	0	0	0	0	0	0	0	0	0	0	13
	19:15	0	12	8	0	0	0	0	0	0	0	0	0	1	0	21
	19:30	0	7	7	0	0	0	0	0	0	0	0	0	0	0	14
	19:45	0	9	6	0	0	0	0	0	2	0	0	0	0	0	17
	20:00	0	6	8	0	0	0	0	0	1	0	0	0	0	1	16
	20:15	0	7	4	0	0	0	0	1	0	0	0	0	0	0	12
	20:30	0	7	3	0	0	0	0	0	2	0	0	1	0	0	13
	20:45	0	6	0	0	0	0	0	0	2	0	0	1	0	0	9
	21:00	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
	21:15	0	12	3	0	0	0	0	0	0	0	0	0	0	0	15
	21:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	21:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	22:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	22:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:45	0	1	3	0	0	0	0	0	0	0	0	0	1	0	5
	23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	23:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	23:30	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	23:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Daily Total :		7	1058	712	3	15	13	0	7	83	5	0	3	18	5	1929
	Percent :	0%	55%	37%	0%	1%	1%	0%	0%	4%	0%	0%	0%	1%	0%	
	Average :	0	11	7	0	0	0	0	0	1	0	0	0	0	0	19

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	1	1	0	0	0	0	0	2	0	0	0	0	0	4
	05:15	0	5	1	0	0	1	0	0	0	0	0	0	0	0	7
	05:30	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	05:45	0	2	2	0	0	1	0	0	0	0	0	0	0	0	5
	06:00	0	7	6	0	0	0	0	0	1	0	0	0	1	0	15
	06:15	0	8	8	0	0	0	1	0	1	0	0	0	0	0	18
	06:30	0	15	16	0	0	0	0	0	0	0	0	0	0	0	31
	06:45	0	12	17	0	0	0	0	0	1	0	0	0	0	0	30
	07:00	0	16	16	1	1	0	0	0	0	0	0	0	1	0	35
	07:15	0	17	18	0	0	0	0	0	2	0	0	0	0	0	37
	07:30	0	30	23	0	0	0	0	0	0	2	0	0	1	0	56
	07:45	0	33	18	1	1	0	0	1	3	0	0	0	0	1	58
	08:00	0	18	14	0	0	0	0	0	2	0	0	0	0	0	34
	08:15	0	11	14	0	0	0	0	0	0	0	0	0	1	0	26
	08:30	0	12	9	0	1	0	0	0	0	0	0	0	1	0	23
	08:45	0	13	22	1	0	0	0	0	1	0	0	0	0	0	37
	09:00	0	15	9	0	0	0	0	0	3	0	0	0	0	0	27
	09:15	0	17	12	0	0	1	0	0	2	0	0	0	1	0	33
	09:30	1	5	7	0	0	0	0	0	0	0	0	0	0	0	13
	09:45	0	8	12	0	0	2	0	1	2	0	0	0	1	0	26
	10:00	0	11	11	0	0	0	0	0	0	2	0	0	0	0	24
	10:15	0	17	17	0	1	1	0	1	0	1	0	0	0	1	39
	10:30	0	8	13	0	0	0	0	0	1	0	0	0	0	0	22
	10:45	0	10	10	0	0	1	0	0	0	1	0	0	0	0	22
	11:00	0	10	12	0	0	0	0	0	2	0	0	0	0	0	24
	11:15	0	6	19	0	1	0	0	0	3	0	0	0	0	0	29
	11:30	0	10	7	0	0	0	0	0	1	1	0	0	0	0	19
	11:45	0	5	8	0	0	0	0	0	0	0	0	0	0	0	13
	12:00	0	12	6	1	0	0	0	0	1	0	0	0	0	0	20
	12:15	0	6	12	0	0	0	0	0	0	0	0	0	0	0	18

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	10	13	0	0	1	0	0	1	1	0	0	0	0	26
Wed	12:45	0	12	9	0	1	0	0	0	2	1	0	0	0	1	26
	13:00	0	13	8	0	1	1	0	0	1	0	0	0	0	0	24
	13:15	0	18	5	1	1	0	0	0	0	0	0	0	1	0	26
	13:30	0	15	11	0	1	0	0	1	0	0	0	0	0	0	28
	13:45	0	16	19	0	0	1	0	0	0	0	0	0	1	0	37
	14:00	0	18	18	0	0	0	0	1	1	1	0	0	1	0	40
	14:15	0	12	13	0	0	0	0	0	1	0	0	0	0	0	26
	14:30	0	24	17	0	1	1	0	0	1	0	0	0	1	0	45
	14:45	0	11	14	0	1	0	0	0	1	1	0	0	1	0	29
	15:00	0	20	12	0	0	0	0	0	3	0	0	0	0	0	35
	15:15	0	17	12	0	0	0	0	1	0	0	0	0	0	0	30
	15:30	0	23	14	0	0	0	0	2	2	0	0	0	1	0	42
	15:45	0	28	12	0	0	0	0	0	2	0	0	0	0	0	42
	16:00	0	36	25	1	0	0	0	0	1	0	0	0	1	1	65
	16:15	0	30	23	1	0	1	0	0	5	2	0	0	1	0	63
	16:30	0	37	23	0	0	0	0	0	3	1	0	0	0	0	64
	16:45	0	30	34	0	0	0	0	1	1	0	0	0	2	0	68
	17:00	1	44	28	0	0	1	0	0	0	1	0	0	0	0	75
	17:15	0	37	28	0	0	0	0	0	3	0	0	0	0	1	69
	17:30	0	33	25	1	0	0	0	0	3	0	0	0	0	0	62
	17:45	0	21	26	0	2	0	0	0	1	0	0	0	1	0	51
	18:00	0	24	15	0	1	0	0	1	2	0	0	0	0	0	43
	18:15	0	13	19	0	0	0	0	0	1	0	0	0	1	0	34
	18:30	0	17	12	0	0	0	0	0	0	0	0	0	0	0	29
	18:45	1	22	9	0	0	0	0	0	1	1	0	0	0	0	34
	19:00	0	14	6	0	0	0	0	0	2	0	0	0	0	0	22
	19:15	0	5	2	0	1	0	0	0	0	1	0	0	1	0	10
	19:30	0	11	7	0	0	0	0	0	0	0	0	0	0	0	18
	19:45	0	9	6	0	0	0	0	0	0	0	0	0	1	0	16
	20:00	0	6	6	0	0	0	0	0	0	0	0	0	0	0	12
	20:15	0	10	2	0	0	0	0	0	0	0	0	0	0	0	12
	20:30	0	8	6	0	0	0	0	0	1	0	0	0	0	0	15
	20:45	0	8	4	0	0	0	0	0	1	0	0	2	0	0	15
	21:00	0	4	4	0	0	0	0	0	1	0	0	0	0	0	9
	21:15	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
	21:30	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	21:45	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	22:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	22:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	22:30	0	2	5	0	0	0	0	0	0	0	0	0	0	0	7
	22:45	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		3	1037	851	8	16	13	1	10	70	17	0	2	21	5	2054
Percent :		0%	50%	41%	0%	1%	1%	0%	0%	3%	1%	0%	0%	1%	0%	
Average :		0	11	9	0	0	0	0	0	1	0	0	0	0	0	21

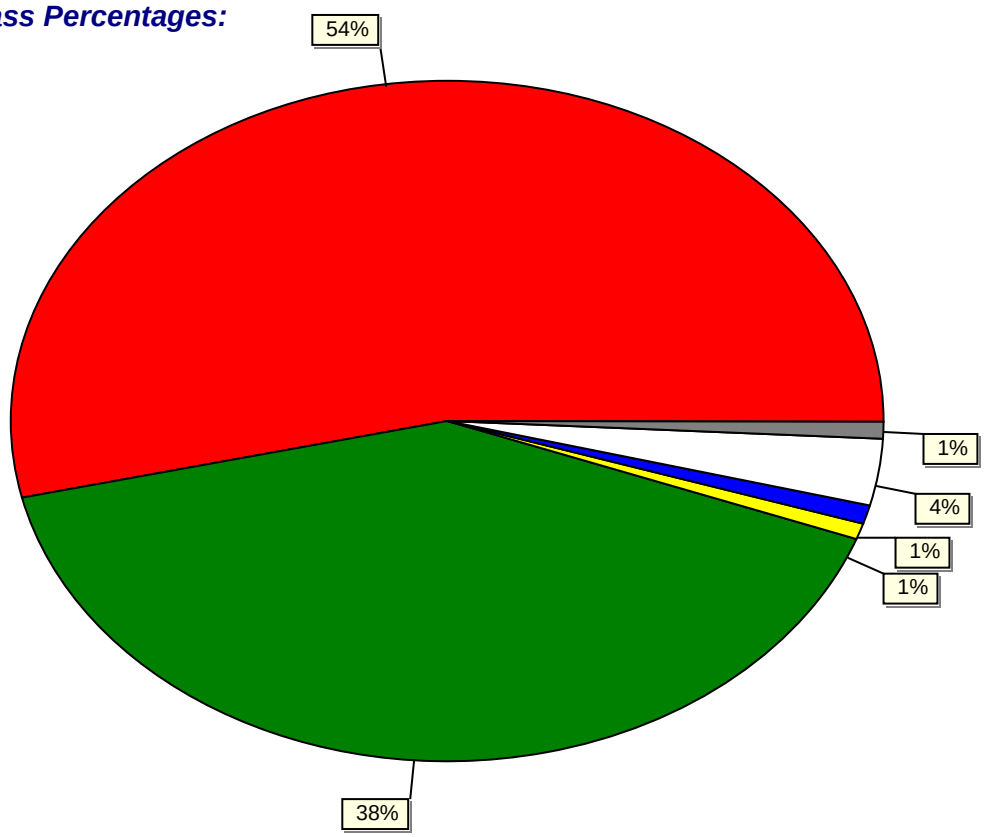
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	04:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	05:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:45	0	3	0	0	0	0	0	0	2	0	0	0	0	0	5
	06:00	0	4	3	0	0	0	0	0	1	0	0	0	0	0	8
	06:15	0	12	7	0	0	0	0	0	0	0	0	0	0	0	19
	06:30	0	16	14	1	0	0	0	0	1	0	0	0	0	0	32
	06:45	0	14	9	0	0	0	0	1	1	0	0	0	0	0	25
	07:00	0	13	6	0	0	0	0	0	1	0	0	0	0	0	20
	07:15	0	17	7	0	1	0	0	0	0	0	0	0	0	0	25
	07:30	0	27	14	0	0	0	0	1	0	0	0	0	0	1	43
	07:45	0	33	19	0	0	0	0	0	0	0	0	0	1	0	53
	08:00	0	15	12	0	0	1	0	0	1	1	0	0	1	2	33
	08:15	0	23	23	0	2	0	0	0	2	0	0	0	0	0	50
	08:30	0	16	14	1	0	0	0	0	0	0	0	0	0	0	31
	08:45	0	14	9	0	0	0	0	0	0	0	0	0	2	0	25
	09:00	0	10	12	1	0	0	0	0	3	0	0	0	0	0	26
	09:15	0	12	10	0	1	0	0	0	3	0	0	0	0	1	27
Daily Total :		0	243	168	3	5	1	0	2	15	1	0	0	5	4	447
Percent :		0%	54%	38%	1%	1%	0%	0%	0%	3%	0%	0%	0%	1%	1%	
Average :		0	6	4	0	0	0	0	0	0	0	0	0	0	0	10

Basic Axle Class Summary: 4P0021456

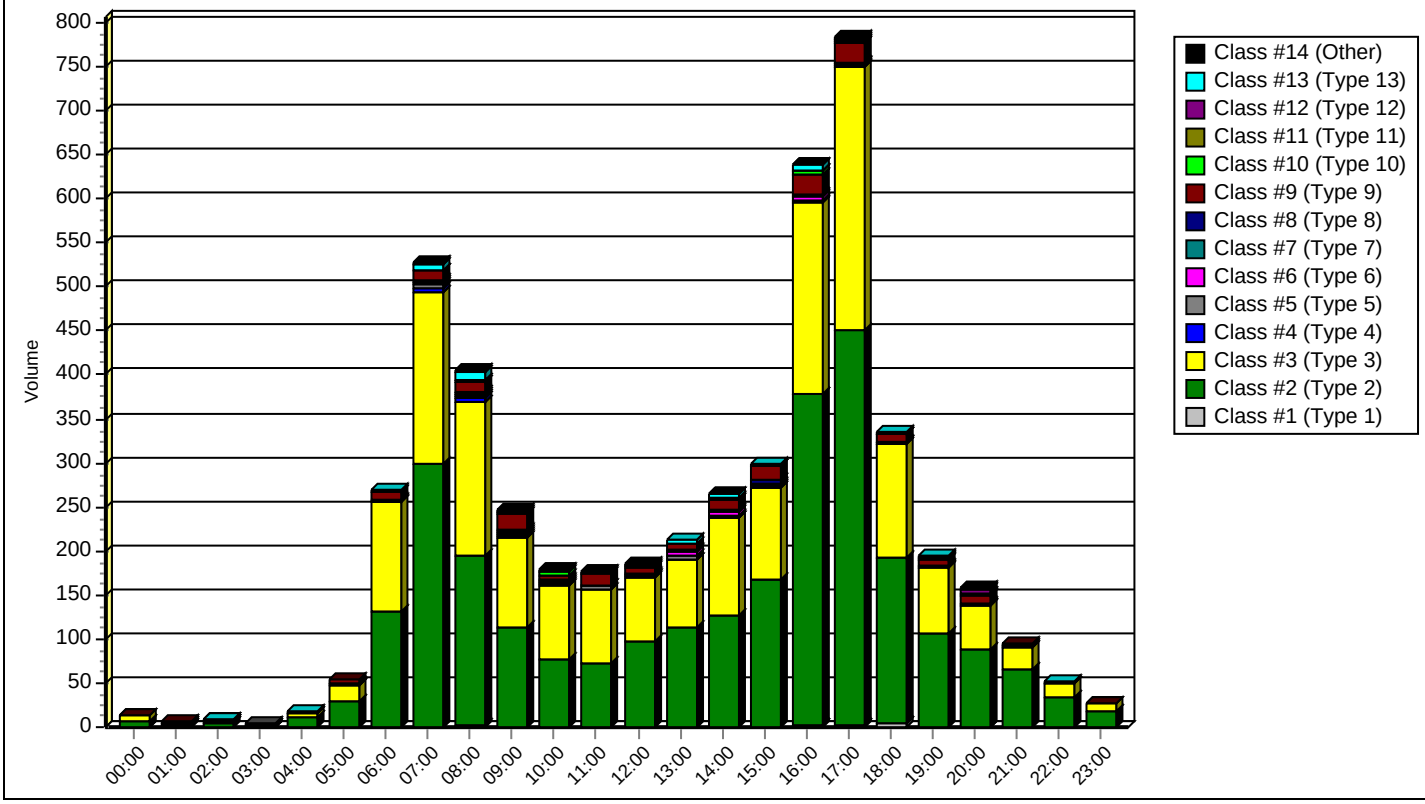
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	18	2767	1983	16	36	32	1	21	191	25	1	6	48	16	5161
		18	2767	1983	16	36	32	1	21	191	25	1	6	48	16	5161
Percents :	#1.	0%	54%	38%	0%	1%	1%	0%	0%	4%	0%	0%	0%	1%	0%	100%
		0%	54%	38%	0%	1%	1%	0%	0%	4%	0%	0%	0%	1%	0%	
Average :	#1.	0	11	8	0	0	0	0	0	1	0	0	0	0	0	20
		0	11	8	0	0	0	0	0	1	0	0	0	0	0	20
Days & ADT :	#1.	2.7	1891													
		2.7	1891													

4P0021456 Axle Class Charts For Data From: 16:00 - 04/11/2011 To: 09:44 - 04/14/2011

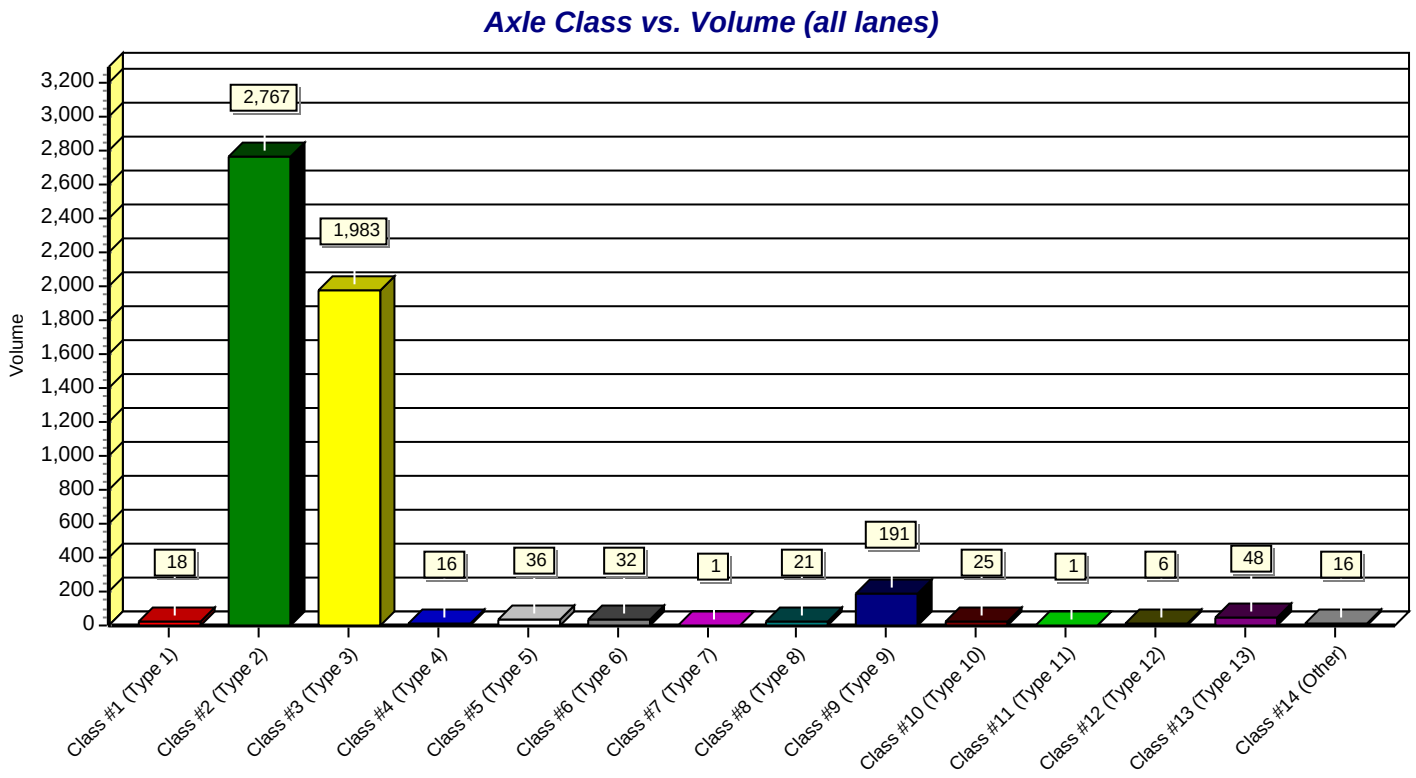
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0021456 Axle Class Charts For Data From: 16:00 - 04/11/2011 To: 09:44 - 04/14/2011



Basic Speed Classification Report: 4P0021456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 16:00 - 04/11/2011 To: 09:44 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	16:00	0	0	0	0	0	0	0	0	0	2	37	16	2	0	0	0	57
Mon	16:15	0	0	0	0	0	0	0	0	0	4	20	11	0	0	0	0	35
	16:30	2	0	0	0	0	0	0	0	2	3	29	15	2	0	0	0	53
	16:45	0	0	0	0	0	0	0	0	1	5	27	14	1	0	0	0	48
	17:00	0	0	0	0	0	0	0	0	0	9	36	15	6	0	0	0	66
	17:15	0	0	0	0	0	0	0	0	0	9	48	23	2	0	0	0	82
	17:30	1	0	0	0	0	0	0	0	0	10	48	15	1	0	0	0	75
	17:45	0	0	0	0	0	0	0	0	0	6	25	12	1	0	0	0	44
	18:00	0	0	0	0	0	0	0	0	0	1	19	17	5	0	0	0	42
	18:15	0	0	0	0	0	0	0	0	1	1	6	5	2	0	0	0	15
	18:30	0	0	0	0	0	0	0	0	0	0	6	6	1	0	0	0	13
	18:45	0	0	0	0	0	0	0	0	0	2	10	5	1	1	0	0	19
	19:00	0	0	0	0	0	0	0	0	0	1	9	5	0	0	0	0	15
	19:15	0	0	0	0	0	0	0	0	0	4	9	6	3	1	0	0	23
	19:30	0	0	0	0	0	0	0	0	0	0	9	8	0	0	0	0	17
	19:45	0	0	0	0	0	0	0	0	0	0	6	4	0	0	0	0	10
	20:00	0	0	0	0	0	0	0	0	0	1	8	3	0	0	0	0	12
	20:15	0	0	0	0	0	0	0	0	0	0	6	3	1	0	0	0	10
	20:30	1	0	0	0	0	0	0	0	1	4	8	4	0	0	0	0	18
	20:45	0	0	0	0	0	0	0	0	3	0	6	4	1	0	0	0	14
	21:00	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	7
	21:15	0	0	0	0	0	0	0	0	0	2	10	1	1	0	0	0	14
	21:30	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
	21:45	0	0	0	0	0	0	0	0	1	0	6	0	0	0	0	0	7
	22:00	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	22:15	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	7
	22:30	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	6
	22:45	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	23:15	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4
	23:30	0	0	0	0	0	0	0	0	1	0	3	1	0	0	0	0	5
	23:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Daily Total :		4	0	0	0	0	0	0	0	10	72	411	201	31	2	0	0	731
Percent :		1%	0%	0%	0%	0%	0%	0%	0%	1%	10%	56%	27%	4%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	2	13	6	1	0	0	0	20

Speeds - Average: 68.4 50% : 68.4 67% : 70.0 85% : 73.1 10mph Pace: 65.0 - 74.9 (83.7%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Tue	00:15	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	5
	05:30	0	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	6
	05:45	0	0	0	0	0	0	0	0	0	1	3	3	1	0	0	0	8
	06:00	0	0	0	0	0	0	0	0	0	0	3	6	1	1	0	0	11
	06:15	0	0	0	0	0	0	0	0	0	0	7	5	3	2	0	0	17
	06:30	0	0	0	0	0	0	0	0	1	0	6	13	11	0	0	0	31
	06:45	0	0	0	0	0	0	0	0	0	0	11	17	3	2	0	0	33
	07:00	0	0	0	0	0	0	0	0	0	1	4	11	8	3	0	0	27
	07:15	0	0	0	0	0	0	0	0	0	1	8	16	10	2	0	0	37
	07:30	0	0	0	0	0	0	0	0	0	1	19	34	17	1	1	0	73
	07:45	2	0	0	0	0	0	0	0	0	2	11	30	14	3	1	0	63
	08:00	0	0	0	0	0	0	0	0	0	2	12	13	5	1	0	0	33
	08:15	0	0	0	0	0	0	0	0	0	2	21	13	4	0	0	0	40
	08:30	0	0	0	0	0	0	0	0	1	3	17	8	1	0	0	0	30
	08:45	1	0	0	0	0	0	0	0	0	1	21	18	3	0	0	0	44
	09:00	0	0	0	0	0	0	0	0	0	1	13	12	5	0	0	0	31
	09:15	0	0	0	0	0	0	0	0	0	1	7	10	2	0	0	0	20
	09:30	0	0	0	0	0	0	0	0	0	0	7	11	1	0	0	0	19
	09:45	0	0	0	0	0	0	0	0	0	2	8	12	2	0	0	0	24
	10:00	0	0	0	0	0	0	0	0	1	1	5	9	5	0	0	0	21
	10:15	0	0	0	0	0	0	0	0	0	3	10	4	4	0	0	0	21
	10:30	0	0	0	0	0	0	0	0	1	1	11	3	1	0	0	0	17
	10:45	0	0	0	0	0	0	0	0	1	0	6	5	1	1	0	0	14
	11:00	0	0	0	0	0	0	0	0	0	1	14	9	0	0	0	0	24
	11:15	0	0	0	0	0	0	0	0	0	6	9	7	1	0	0	0	23
	11:30	0	0	0	0	0	0	0	0	0	4	7	11	1	1	0	0	24
	11:45	0	0	0	0	0	0	0	0	0	2	10	9	0	0	0	0	21
	12:00	0	0	0	0	0	0	0	0	0	0	8	15	3	1	0	0	27
	12:15	0	0	0	0	0	0	0	0	0	3	10	9	1	0	0	0	23

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	0	12	9	2	0	0	0	23
Tue	12:45	0	0	0	0	0	0	0	0	0	0	10	10	2	0	0	0	22
	13:00	0	0	0	0	0	0	0	0	0	3	13	7	2	0	0	0	25
	13:15	0	0	0	0	0	0	0	0	0	0	9	11	3	2	0	0	25
	13:30	0	0	0	0	0	0	0	0	0	2	12	5	2	1	0	0	22
	13:45	0	0	0	0	0	0	0	0	0	1	13	10	1	0	0	0	25
	14:00	0	0	0	0	0	0	0	0	0	5	16	9	4	0	0	0	34
	14:15	0	0	0	0	0	0	0	0	0	4	15	9	6	0	0	0	34
	14:30	0	0	0	0	0	0	0	0	1	2	15	12	1	0	0	0	31
	14:45	0	0	0	0	0	0	0	0	0	3	10	13	1	0	0	0	27
	15:00	0	0	0	0	0	0	0	0	0	4	19	8	1	0	0	0	32
	15:15	0	0	0	0	0	0	0	0	0	5	17	12	2	0	0	0	36
	15:30	0	0	0	0	0	0	0	0	0	2	24	17	3	1	0	0	47
	15:45	0	0	0	0	0	0	0	0	0	5	18	12	1	0	0	0	36
	16:00	0	0	0	0	0	0	0	0	0	5	30	6	1	0	0	0	42
	16:15	0	0	0	0	0	0	0	0	1	3	17	17	2	0	0	0	40
	16:30	0	0	0	0	0	0	0	0	0	6	22	16	2	0	0	0	46
	16:45	0	0	0	0	0	0	0	1	1	4	30	20	3	0	0	0	59
	17:00	0	0	0	0	0	0	0	0	1	3	39	31	3	1	0	0	78
	17:15	0	0	0	0	0	0	0	0	0	2	45	32	7	0	0	0	86
	17:30	0	0	0	0	0	0	0	0	0	0	19	35	6	2	0	0	62
	17:45	0	0	0	0	0	0	0	0	0	0	13	16	4	1	0	0	34
	18:00	0	0	0	0	0	0	0	0	0	0	15	22	1	0	0	0	38
	18:15	0	0	0	0	0	0	0	0	0	2	12	8	2	0	0	0	24
	18:30	0	0	0	0	0	0	0	0	0	1	9	10	3	0	0	0	23
	18:45	0	0	0	0	0	0	0	1	0	1	11	9	0	0	0	0	22
	19:00	0	0	0	0	0	0	0	0	0	2	3	8	0	0	0	0	13
	19:15	0	0	0	0	0	0	0	0	0	0	12	7	1	0	1	0	21
	19:30	0	0	0	0	0	0	0	0	0	0	3	8	3	0	0	0	14
	19:45	0	0	0	0	0	0	0	0	0	2	7	8	0	0	0	0	17
	20:00	0	0	0	0	0	0	0	0	0	1	4	11	0	0	0	0	16
	20:15	0	0	0	0	0	0	0	0	0	4	3	5	0	0	0	0	12
	20:30	0	0	0	0	0	0	0	2	0	2	5	4	0	0	0	0	13
	20:45	0	0	0	0	0	0	0	0	0	3	2	3	1	0	0	0	9
	21:00	0	0	0	0	0	0	0	0	0	1	7	4	1	0	0	0	13
	21:15	0	0	0	0	0	0	0	0	0	0	8	5	2	0	0	0	15
	21:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	21:45	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	3
	22:00	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
	22:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
	22:45	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	5
	23:00	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	23:15	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	4
	23:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	0	0	0	0	0	0	5	11	123	812	754	189	28	4	0	1929
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	42%	39%	10%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	8	8	2	0	0	0	22

Speeds - Average: 70.2 50% : 70.2 67% : 72.3 85% : 74.6 10mph Pace: 65.0 - 74.9 (81.2%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	05:15	0	0	0	0	0	0	0	0	0	0	3	3	1	0	0	0	7
	05:30	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
	05:45	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	0	5
	06:00	0	0	0	0	0	0	0	0	1	0	4	5	5	0	0	0	15
	06:15	0	0	0	0	0	0	0	0	0	0	7	7	4	0	0	0	18
	06:30	0	0	0	0	0	0	0	0	0	0	4	13	9	5	0	0	31
	06:45	0	0	0	0	0	0	0	0	0	1	1	16	12	0	0	0	30
	07:00	0	0	0	0	0	0	0	0	0	0	7	20	8	0	0	0	35
	07:15	0	0	0	0	0	0	0	0	1	1	6	17	12	0	0	0	37
	07:30	0	0	0	0	0	0	0	0	0	0	10	28	15	2	1	0	56
	07:45	0	0	0	0	0	0	0	0	0	0	14	31	10	3	0	0	58
	08:00	0	0	0	0	0	0	0	0	1	2	7	17	5	1	1	0	34
	08:15	0	0	0	0	0	0	0	0	0	1	9	12	3	1	0	0	26
	08:30	0	0	0	0	0	0	0	0	0	1	7	10	4	1	0	0	23
	08:45	0	0	0	0	0	0	0	0	0	0	11	20	5	1	0	0	37
	09:00	0	0	0	0	0	0	0	0	0	0	13	13	1	0	0	0	27
	09:15	0	0	0	0	0	0	0	0	2	1	17	12	1	0	0	0	33
	09:30	0	0	0	0	0	0	0	0	0	1	4	7	1	0	0	0	13
	09:45	0	0	0	0	0	0	0	0	0	2	11	11	2	0	0	0	26
	10:00	0	0	0	1	0	0	0	0	0	2	6	11	4	0	0	0	24
	10:15	0	0	0	0	0	0	0	0	0	2	15	18	3	1	0	0	39
	10:30	0	0	0	0	0	0	0	0	0	2	12	7	1	0	0	0	22
	10:45	0	0	0	0	0	0	0	0	1	3	9	8	1	0	0	0	22
	11:00	0	0	0	0	0	0	0	0	0	2	12	9	0	1	0	0	24
	11:15	1	0	0	0	0	0	0	0	1	1	12	13	0	1	0	0	29
	11:30	0	0	0	0	0	0	0	0	0	3	7	5	4	0	0	0	19
	11:45	0	0	0	0	0	0	0	0	0	0	6	5	2	0	0	0	13
	12:00	0	0	0	0	0	0	0	0	0	1	11	8	0	0	0	0	20
	12:15	0	0	0	0	0	0	0	0	0	2	7	8	1	0	0	0	18

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	0	0	15	10	1	0	0	0	26
Wed	12:45	0	0	0	0	0	0	0	0	0	1	8	11	5	1	0	0	26
	13:00	0	0	0	0	0	0	0	0	0	0	7	12	4	1	0	0	24
	13:15	0	0	0	0	0	0	0	0	0	0	12	9	3	2	0	0	26
	13:30	0	0	0	0	0	0	0	0	0	0	8	14	5	1	0	0	28
	13:45	0	0	0	0	0	0	0	0	0	2	10	18	7	0	0	0	37
	14:00	0	0	0	0	0	0	0	0	0	1	12	23	3	1	0	0	40
	14:15	0	0	0	0	0	0	0	0	0	0	7	16	2	1	0	0	26
	14:30	0	0	0	0	0	0	0	0	0	2	12	21	9	1	0	0	45
	14:45	0	0	0	0	0	0	0	0	0	3	12	13	1	0	0	0	29
	15:00	0	0	0	0	0	0	0	0	0	3	19	12	1	0	0	0	35
	15:15	0	0	0	0	0	0	0	0	0	0	18	10	2	0	0	0	30
	15:30	0	0	0	0	0	0	0	0	0	4	24	10	4	0	0	0	42
	15:45	0	0	0	0	0	0	0	0	0	2	18	20	2	0	0	0	42
	16:00	0	0	0	0	0	0	0	0	1	6	23	32	1	2	0	0	65
	16:15	0	0	0	0	0	0	0	0	2	10	23	17	10	1	0	0	63
	16:30	0	0	0	0	0	0	0	0	0	2	17	35	9	1	0	0	64
	16:45	0	0	0	0	0	0	0	0	1	4	20	32	9	2	0	0	68
	17:00	0	0	0	0	0	0	0	0	0	0	25	32	15	3	0	0	75
	17:15	0	0	0	0	0	0	0	0	1	2	18	33	13	2	0	0	69
	17:30	0	0	0	0	0	0	0	0	0	1	23	26	12	0	0	0	62
	17:45	0	0	0	0	0	0	0	0	0	0	14	29	7	1	0	0	51
	18:00	0	0	0	0	0	0	0	0	0	1	13	23	4	2	0	0	43
	18:15	0	0	0	0	0	0	0	0	0	0	9	12	13	0	0	0	34
	18:30	0	0	0	0	0	0	0	0	0	1	10	12	5	0	1	0	29
	18:45	1	0	0	0	0	0	0	0	0	2	10	16	2	1	2	0	34
	19:00	0	0	0	0	0	0	0	0	0	1	10	9	0	2	0	0	22
	19:15	0	0	0	0	0	0	0	0	0	0	5	3	2	0	0	0	10
	19:30	0	0	0	0	0	0	0	0	0	0	6	10	2	0	0	0	18
	19:45	0	0	0	0	0	0	0	0	0	1	7	7	1	0	0	0	16
	20:00	0	0	0	0	0	0	0	0	0	2	5	3	2	0	0	0	12
	20:15	0	0	0	0	0	0	0	0	0	0	8	3	0	1	0	0	12
	20:30	0	0	0	0	0	0	0	0	0	2	8	5	0	0	0	0	15
	20:45	0	0	0	0	0	0	0	0	0	0	10	3	2	0	0	0	15
	21:00	0	0	0	0	0	0	0	0	0	0	5	4	0	0	0	0	9
	21:15	0	0	0	0	0	0	0	0	0	0	6	5	1	0	0	0	12
	21:30	0	0	0	0	0	0	0	1	0	0	2	1	1	0	0	0	5
	21:45	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	6
	22:00	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	22:30	0	0	0	0	0	0	0	1	0	0	3	2	0	1	0	0	7
	22:45	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	4
	23:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	0	1	0	0	0	2	13	87	722	901	277	44	5	0	2054
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	4%	35%	44%	13%	2%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	8	9	3	0	0	0	19

Speeds - Average: 71.1 50% : 71.3 67% : 73.1 85% : 75.4 10mph Pace: 65.0 - 74.9 (79.0%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
	01:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	5
	05:30	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	05:45	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	0	5
	06:00	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	8
	06:15	0	0	0	0	0	0	0	0	0	2	10	7	0	0	0	0	19
	06:30	0	0	0	0	0	0	0	0	0	3	12	11	5	1	0	0	32
	06:45	0	0	0	0	0	0	0	0	0	1	11	10	3	0	0	0	25
	07:00	0	0	0	0	0	0	0	0	0	2	7	8	3	0	0	0	20
	07:15	0	0	0	0	0	0	0	0	0	0	17	8	0	0	0	0	25
	07:30	0	0	0	0	0	0	0	0	0	2	22	15	3	1	0	0	43
	07:45	0	0	0	0	0	0	0	0	0	6	25	18	4	0	0	0	53
	08:00	0	0	0	0	0	0	0	0	1	5	14	10	2	1	0	0	33
	08:15	0	0	0	0	0	1	0	1	1	8	26	11	1	1	0	0	50
	08:30	0	0	0	0	0	0	0	1	0	8	10	9	2	1	0	0	31
	08:45	0	0	0	0	0	0	0	0	0	4	12	7	2	0	0	0	25
	09:00	0	0	0	0	0	0	0	0	0	2	13	8	2	1	0	0	26
	09:15	0	0	0	0	0	0	0	0	2	4	10	11	0	0	0	0	27
Daily Total :		0	0	0	0	0	1	0	3	4	59	206	138	29	6	1	0	447
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	1%	13%	46%	31%	6%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	2	5	4	1	0	0	0	21

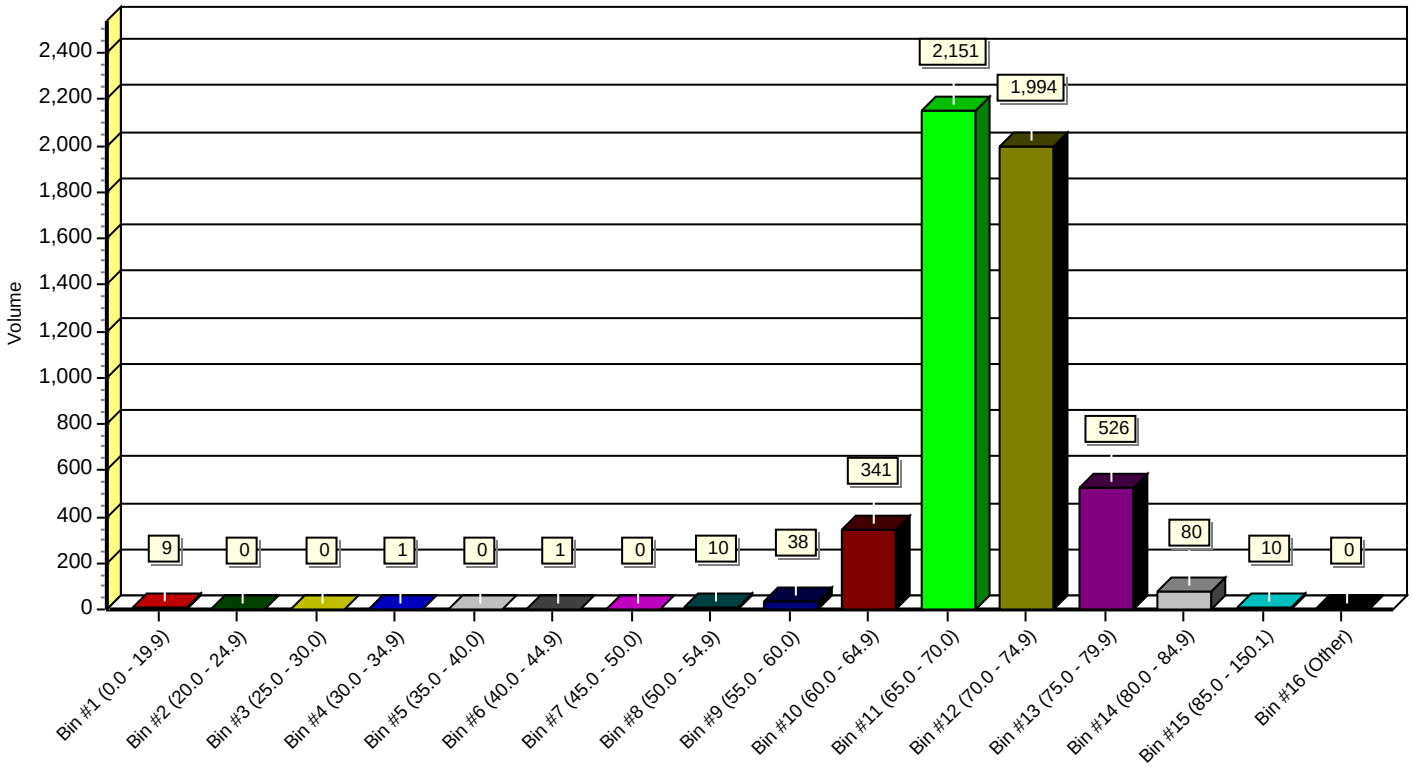
Speeds - Average: 69.1 50% : 68.7 67% : 71.2 85% : 73.7 10mph Pace: 65.0 - 74.9 (77.0%)

Basic Speed Class Summary: 4P0021456

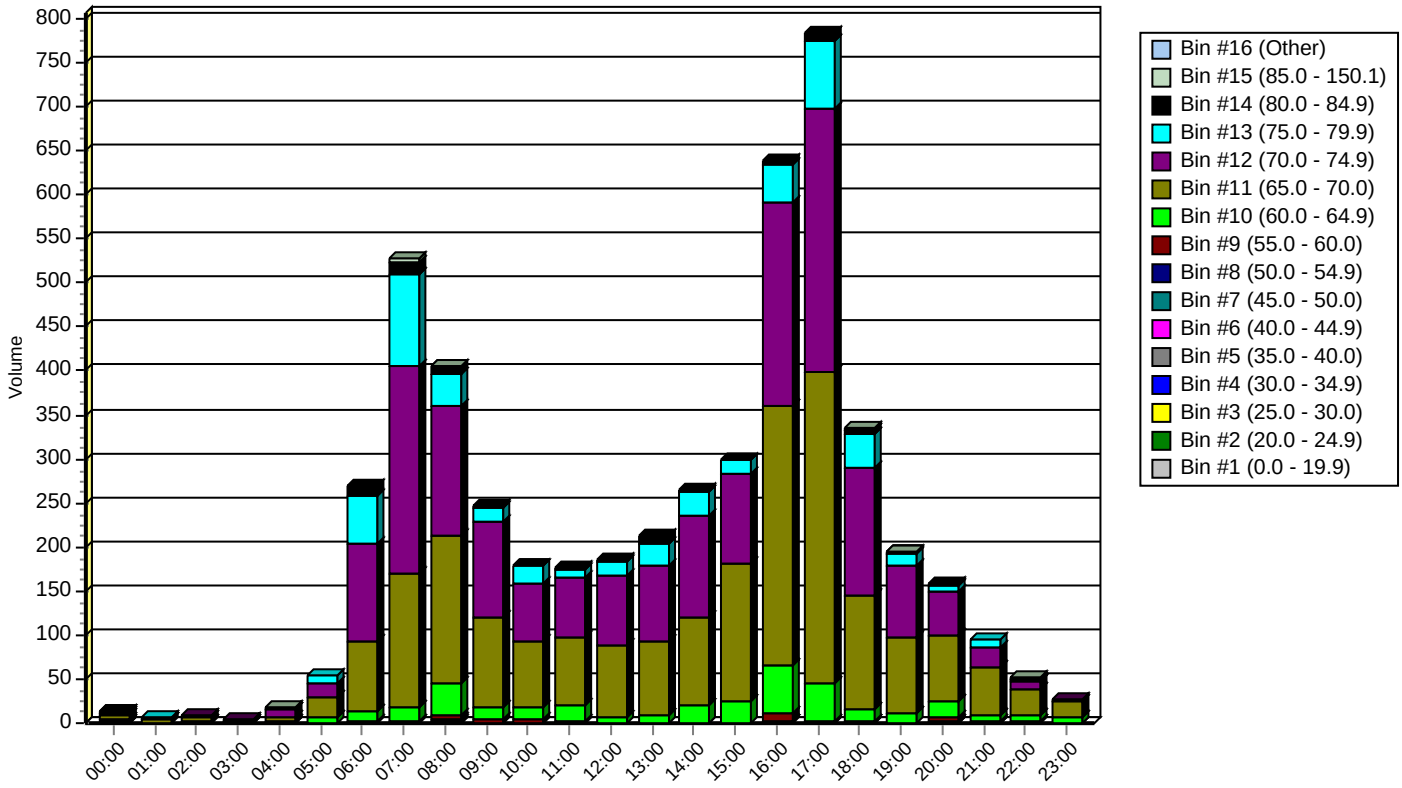
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	9	0	0	1	0	1	0	10	38	341	2151	1994	526	80	10	0	5161
		9	0	0	1	0	1	0	10	38	341	2151	1994	526	80	10	0	5161
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	1%	7%	42%	39%	10%	2%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	1%	7%	42%	39%	10%	2%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	1	8	8	2	0	0	0	19
		0	0	0	0	0	0	0	0	0	1	8	8	2	0	0	0	19
Days & ADT :	#1.	2.7	1891															
		2.7	1891															
Avg,50,67,85%:	#1.	70.2	70.2	72.3	74.6	65.0	- 74.9	80%										
		70.2	70.2	72.3	74.6	65.0	- 74.9	80%										

4P0021456 Speed Class Charts For Data From: 16:00 - 04/11/2011 To: 09:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0000456

Station ID : 2D0000456
Info Line 1 : EB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 2D0000456.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 98231
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 16:30 - 04/11/2011 To: 10:14 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	16:30	1	94	73	0	3	0	0	1	5	0	0	0	2	2	181
Mon	16:45	0	81	62	0	4	0	0	0	3	0	0	0	2	0	152
	17:00	0	76	101	1	3	1	0	2	9	2	0	0	1	0	196
	17:15	3	86	79	1	3	1	0	2	3	0	0	0	2	0	180
	17:30	1	97	50	0	3	0	0	0	3	0	0	0	1	1	156
	17:45	1	77	67	1	2	0	0	3	5	0	0	0	2	0	158
	18:00	0	68	44	1	2	0	0	4	9	0	0	0	1	0	129
	18:15	3	45	50	1	0	0	0	1	10	0	0	0	0	1	111
	18:30	1	42	38	1	1	0	0	4	3	1	0	0	2	0	93
	18:45	1	43	35	3	1	0	0	2	5	0	1	0	2	2	95
	19:00	0	49	34	1	1	0	0	0	8	0	0	0	1	1	95
	19:15	0	48	36	1	1	0	0	1	5	1	0	0	3	0	96
	19:30	0	45	32	1	2	0	0	1	9	2	0	0	2	0	94
	19:45	0	48	41	0	0	0	0	3	3	0	0	0	0	0	95
	20:00	0	35	33	2	0	0	0	0	4	1	0	0	1	0	76
	20:15	0	36	35	0	2	0	0	1	4	0	0	0	1	1	80
	20:30	0	39	22	0	0	0	0	0	4	0	0	0	0	0	65
	20:45	0	31	32	0	1	0	0	1	7	1	0	0	0	0	73
	21:00	0	36	24	2	0	0	0	0	2	0	0	0	2	0	66
	21:15	0	28	32	1	0	0	0	0	7	0	0	0	2	0	70
	21:30	0	35	16	0	0	0	0	1	6	0	0	0	0	0	58
	21:45	0	21	19	0	0	0	0	0	3	1	0	0	1	0	45
	22:00	0	21	11	0	3	0	0	0	4	0	0	0	1	0	40
	22:15	0	19	10	0	1	1	0	0	4	1	0	0	2	0	38
	22:30	0	18	13	1	1	1	0	0	2	1	0	0	1	0	38
	22:45	0	15	5	0	1	0	0	0	2	0	0	0	0	0	23
	23:00	0	15	13	0	0	0	0	0	4	0	0	0	1	0	33
	23:15	0	8	3	0	0	0	0	1	0	0	0	0	0	0	12
	23:30	0	7	13	0	1	0	0	0	5	0	0	1	0	0	27
	23:45	0	6	10	0	0	0	0	1	2	0	0	0	1	0	20
Daily Total :		11	1269	1033	18	36	4	0	29	140	11	1	1	34	8	2595
Percent :		0%	49%	40%	1%	1%	0%	0%	1%	5%	0%	0%	0%	1%	0%	
Average :		0	42	34	1	1	0	0	1	5	0	0	0	1	0	85

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	13	2	0	0	0	0	0	1	0	0	0	1	0	17
Tue	00:15	0	5	1	0	1	0	0	2	1	0	0	0	0	0	10
	00:30	0	2	5	0	0	0	0	1	2	0	0	0	1	2	13
	00:45	0	4	5	0	0	0	0	1	4	0	1	0	0	0	15
	01:00	0	4	3	0	2	0	0	2	4	0	0	0	1	0	16
	01:15	0	1	2	0	0	0	0	0	1	0	0	0	0	0	4
	01:30	0	4	1	0	0	0	0	0	2	0	0	0	0	0	7
	01:45	0	3	2	0	0	0	0	0	1	0	0	0	1	0	7
	02:00	0	4	1	0	0	0	0	0	1	0	0	0	0	0	6
	02:15	0	2	2	0	0	0	0	0	7	0	0	0	0	0	11
	02:30	0	1	4	0	1	0	0	0	1	0	0	0	1	0	8
	02:45	0	2	0	0	0	0	0	0	4	0	0	0	0	0	6
	03:00	0	3	1	0	0	0	0	0	1	1	0	0	0	0	6
	03:15	0	0	1	0	0	0	0	2	2	0	0	0	0	0	5
	03:30	0	6	3	0	0	0	0	1	3	0	0	1	2	0	16
	03:45	0	4	5	0	2	0	0	0	0	0	0	2	1	0	14
	04:00	0	2	6	0	0	0	0	1	7	0	0	0	1	0	17
	04:15	0	8	6	0	0	0	0	0	5	0	0	0	1	0	20
	04:30	0	17	10	0	1	0	0	0	6	0	0	0	0	0	34
	04:45	0	15	4	1	0	0	0	1	2	0	0	0	1	0	24
	05:00	0	13	10	0	0	0	0	0	3	0	0	0	0	0	26
	05:15	0	12	10	0	1	0	0	2	3	0	0	0	2	0	30
	05:30	0	15	21	1	1	2	0	1	5	2	0	0	1	0	49
	05:45	0	20	29	2	4	0	0	0	8	0	0	0	0	0	63
	06:00	0	29	22	0	4	2	0	0	7	0	0	1	0	0	65
	06:15	0	30	37	1	1	1	0	0	3	0	0	1	1	0	75
	06:30	0	46	58	2	2	0	0	1	6	0	0	0	1	0	116
	06:45	0	53	48	1	3	1	0	1	7	0	0	1	0	0	115
	07:00	0	43	55	0	1	0	0	1	9	2	0	0	3	0	114
	07:15	0	69	48	1	2	2	0	0	6	1	0	0	2	0	131
	07:30	0	63	56	1	2	3	0	4	7	0	1	1	0	1	139
	07:45	1	60	65	0	2	3	0	1	9	1	1	0	1	0	144
	08:00	0	39	44	1	4	1	1	1	8	0	0	0	1	0	100
	08:15	0	40	48	1	2	0	0	0	11	2	0	0	4	1	109
	08:30	0	44	55	2	4	2	1	4	12	3	0	0	6	3	136
	08:45	0	32	63	1	6	2	0	1	12	0	0	0	1	0	118
	09:00	0	37	46	0	4	2	0	2	9	1	0	0	1	0	102
	09:15	0	22	56	1	4	0	1	1	9	0	0	0	1	2	97
	09:30	0	34	54	1	3	1	0	1	18	0	0	0	1	1	114
	09:45	0	42	61	0	3	2	0	3	12	2	0	0	3	1	129
	10:00	1	28	40	0	2	0	0	3	9	0	0	0	1	0	84
	10:15	0	37	50	1	3	4	0	2	13	0	0	0	2	0	112
	10:30	0	29	69	0	9	3	0	0	11	2	0	0	1	0	124
	10:45	0	34	60	1	3	1	0	2	11	0	0	0	3	1	116
	11:00	0	42	45	0	2	1	0	1	11	0	0	0	4	1	107
	11:15	0	44	58	3	8	3	0	5	11	1	0	1	3	1	138
	11:30	1	47	50	1	2	0	0	2	15	3	0	0	2	0	123
	11:45	1	26	54	1	3	1	0	3	15	8	0	0	4	0	116
	12:00	0	44	44	0	4	0	0	8	11	2	0	0	3	0	116
	12:15	0	41	48	0	4	2	0	1	10	1	0	0	2	1	110

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	31	80	0	5	2	0	0	12	3	0	0	3	2	138
Tue	12:45	0	38	65	1	4	0	0	5	16	1	0	0	2	1	133
	13:00	0	42	61	2	5	1	0	1	14	0	1	0	5	2	134
	13:15	0	31	71	1	4	1	0	0	13	1	0	1	2	2	127
	13:30	0	51	64	2	5	2	0	5	9	1	0	0	1	1	141
	13:45	0	57	65	2	4	0	0	4	14	3	0	0	0	1	150
	14:00	0	49	59	2	1	1	0	7	9	4	1	0	4	0	137
	14:15	1	45	68	1	4	0	0	4	11	0	0	1	4	0	139
	14:30	0	50	68	1	5	1	0	2	14	2	0	0	4	0	147
	14:45	0	40	67	0	6	2	0	3	14	2	0	0	1	0	135
	15:00	0	62	70	3	5	2	1	2	12	1	0	0	3	1	162
	15:15	0	61	54	0	6	2	0	3	8	2	0	1	2	1	140
	15:30	0	65	65	1	2	1	0	3	13	2	0	0	3	0	155
	15:45	0	58	79	1	10	3	0	4	14	3	0	0	2	1	175
	16:00	1	54	65	0	4	0	0	0	8	3	0	0	1	3	139
	16:15	0	74	69	1	11	2	0	1	13	2	0	0	5	0	178
	16:30	0	66	64	2	8	0	0	5	15	1	0	0	1	1	163
	16:45	0	74	87	0	2	3	0	5	11	1	0	0	3	0	186
	17:00	0	68	89	0	5	1	0	1	11	0	0	0	1	3	179
	17:15	3	79	87	0	4	1	0	4	7	0	0	0	0	0	185
	17:30	0	67	79	0	1	0	0	2	13	1	0	0	0	1	164
	17:45	1	74	82	0	1	0	0	3	7	2	0	0	2	2	174
	18:00	1	63	65	0	6	0	0	0	8	0	0	0	2	1	146
	18:15	2	46	56	1	1	0	0	3	10	1	0	0	1	2	123
	18:30	1	39	34	1	2	0	0	1	13	3	0	0	3	0	97
	18:45	1	46	43	2	2	0	0	3	6	1	0	0	4	0	108
	19:00	1	42	49	0	2	1	0	0	7	0	0	0	1	0	103
	19:15	1	33	39	1	0	0	0	4	12	2	0	0	2	0	94
	19:30	1	30	46	2	1	1	0	1	5	2	0	0	2	0	91
	19:45	0	36	36	2	2	1	0	0	11	3	0	0	0	0	91
	20:00	0	37	40	0	2	0	0	1	10	0	0	0	0	3	93
	20:15	0	38	30	1	2	1	0	1	10	0	0	0	2	2	87
	20:30	1	32	25	0	1	0	0	0	8	1	0	1	0	0	69
	20:45	0	27	35	1	3	0	0	2	4	0	0	0	0	0	72
	21:00	0	20	26	0	0	0	0	3	6	0	0	0	2	1	58
	21:15	0	30	33	0	2	0	0	0	5	1	0	0	0	1	72
	21:30	0	29	22	0	2	0	0	0	5	0	0	0	1	0	59
	21:45	0	15	21	1	1	0	0	1	5	1	0	0	2	0	47
	22:00	0	12	12	0	2	0	0	1	7	0	0	0	1	0	35
	22:15	0	19	12	0	0	0	0	3	4	1	0	0	0	1	40
	22:30	0	15	19	0	0	0	0	2	5	1	0	0	0	0	42
	22:45	0	10	17	0	2	0	0	0	3	0	1	1	1	0	35
	23:00	0	17	7	0	0	0	0	0	3	0	0	0	0	0	27
	23:15	0	9	4	0	1	0	0	1	2	0	0	0	1	1	19
	23:30	0	10	5	0	2	0	0	2	3	0	0	1	0	0	23
	23:45	0	12	5	1	1	0	0	0	4	0	0	0	0	2	25
Daily Total :		19	3118	3707	57	239	68	4	155	750	84	6	14	139	51	8411
	Percent :	0%	37%	44%	1%	3%	1%	0%	2%	9%	1%	0%	0%	2%	1%	
	Average :	0	32	39	1	2	1	0	2	8	1	0	0	1	1	88

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	12	6	0	0	0	0	1	3	2	0	0	2	0	26
Wed	00:15	0	4	4	0	0	0	0	2	2	0	0	0	0	0	12
	00:30	0	5	5	0	0	0	0	2	2	0	0	0	1	0	15
	00:45	0	2	1	0	0	0	0	0	1	0	1	0	1	0	6
	01:00	0	2	1	0	1	0	0	1	1	0	0	1	0	0	7
	01:15	0	1	4	0	1	0	0	0	4	0	0	0	0	0	10
	01:30	0	4	1	0	0	0	0	0	4	0	0	0	1	0	10
	01:45	0	5	4	0	0	1	0	0	2	0	0	0	1	0	13
	02:00	0	3	0	0	0	0	0	0	3	0	0	0	0	0	6
	02:15	0	3	1	0	0	0	0	0	3	0	0	0	0	0	7
	02:30	0	5	1	0	0	0	0	0	3	0	0	0	0	1	10
	02:45	0	2	1	0	0	0	0	0	1	1	0	0	0	0	5
	03:00	0	3	0	0	0	1	0	0	7	1	0	1	3	0	16
	03:15	0	5	1	0	0	0	0	2	3	0	0	0	1	0	12
	03:30	0	6	3	0	0	0	0	1	5	1	0	1	0	1	18
	03:45	0	5	7	0	0	0	0	1	3	3	0	1	2	0	22
	04:00	0	4	7	0	1	0	0	0	4	1	0	1	0	0	18
	04:15	0	5	5	0	1	0	0	0	4	0	0	1	1	0	17
	04:30	0	13	15	0	0	0	0	1	6	0	0	0	2	0	37
	04:45	0	12	11	0	2	0	0	0	2	0	0	0	1	0	28
	05:00	0	8	15	1	1	2	0	0	2	0	0	0	0	0	29
	05:15	0	14	11	0	3	0	0	0	6	0	0	1	0	1	36
	05:30	0	12	24	1	1	0	0	1	2	1	0	1	0	0	43
	05:45	1	25	24	0	2	1	0	1	3	0	0	0	1	1	59
	06:00	0	25	34	0	4	0	0	1	4	1	1	0	1	0	71
	06:15	0	34	35	1	3	1	0	1	5	0	1	1	0	2	84
	06:30	0	47	53	1	2	1	0	4	6	1	0	0	2	1	118
	06:45	0	36	56	0	0	2	0	1	7	2	0	0	1	1	106
	07:00	1	60	42	1	3	1	0	2	7	1	0	0	1	1	120
	07:15	0	57	57	1	4	0	0	1	11	2	0	0	3	0	136
	07:30	0	61	56	2	2	1	0	1	17	2	0	0	3	1	146
	07:45	0	59	79	1	2	2	0	1	9	0	0	0	2	2	157
	08:00	0	43	62	1	6	2	0	2	10	1	0	0	2	2	131
	08:15	0	41	49	1	2	1	0	6	11	3	0	0	0	1	115
	08:30	0	45	57	0	3	0	0	5	7	2	0	0	3	1	123
	08:45	0	41	66	3	4	1	0	2	12	1	0	0	2	1	133
	09:00	0	43	73	2	2	2	0	3	15	1	0	0	2	0	143
	09:15	0	25	50	1	2	0	0	5	13	1	0	0	3	0	100
	09:30	0	32	49	1	4	1	0	4	14	1	0	0	4	0	110
	09:45	1	38	51	0	4	1	0	0	18	0	0	0	1	0	114
	10:00	1	43	55	0	3	1	0	3	11	1	0	0	3	1	122
	10:15	0	23	59	0	5	0	0	3	9	2	0	0	6	1	108
	10:30	0	40	63	2	5	0	0	3	13	2	0	0	0	1	129
	10:45	0	46	75	2	7	1	0	1	15	1	0	0	1	2	151
	11:00	0	44	57	0	1	3	0	3	11	4	0	0	3	1	127
	11:15	0	31	58	0	3	0	0	2	14	3	0	0	5	0	116
	11:30	0	45	69	2	5	2	0	5	17	2	0	0	2	1	150
	11:45	0	28	64	0	3	1	0	4	22	2	0	0	3	0	127
	12:00	0	36	61	2	0	1	0	1	11	1	0	0	2	1	116
	12:15	1	51	59	1	4	1	0	2	10	1	0	0	1	0	131

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	32	51	0	6	0	0	1	11	3	0	2	3	0	109
Wed	12:45	0	37	70	1	4	0	0	3	12	2	0	0	2	1	132
	13:00	0	53	58	4	6	1	0	3	11	3	0	0	3	0	142
	13:15	0	47	58	1	6	1	0	2	17	2	0	0	3	0	137
	13:30	0	52	58	2	3	2	0	1	17	0	0	0	0	3	138
	13:45	1	44	57	2	5	1	0	1	21	3	0	0	2	0	137
	14:00	0	29	67	3	3	0	0	2	7	1	0	2	0	1	115
	14:15	0	41	53	0	13	2	0	6	18	2	0	0	3	0	138
	14:30	0	51	62	2	5	2	0	2	14	2	0	0	6	1	147
	14:45	3	45	77	1	7	0	0	3	11	0	0	0	3	1	151
	15:00	0	51	58	1	6	2	0	2	15	2	0	0	5	2	144
	15:15	0	43	72	2	5	1	0	3	15	3	0	0	1	1	146
	15:30	2	70	67	1	2	1	0	4	10	2	0	0	4	0	163
	15:45	0	60	69	1	5	0	0	5	10	2	0	1	1	2	156
	16:00	0	60	85	2	5	0	0	4	10	2	0	0	4	0	172
	16:15	0	67	77	1	0	1	0	2	12	0	0	0	3	0	163
	16:30	4	69	79	1	7	0	0	1	7	1	0	0	2	0	171
	16:45	0	72	70	1	8	0	0	2	17	0	0	0	2	1	173
	17:00	3	76	75	2	6	0	0	4	9	2	0	0	2	0	179
	17:15	0	70	92	0	1	1	0	2	12	2	0	0	1	0	181
	17:30	0	70	84	0	4	0	0	2	15	0	0	0	1	0	176
	17:45	0	63	74	0	5	1	0	5	14	2	0	0	3	1	168
	18:00	0	49	71	1	4	0	0	3	10	0	0	0	3	0	141
	18:15	1	55	55	1	5	0	0	0	8	0	1	0	1	1	128
	18:30	0	45	45	2	4	0	0	1	9	0	0	0	1	1	108
	18:45	0	30	42	1	2	0	0	5	6	2	0	0	1	1	90
	19:00	0	36	46	0	1	1	0	1	10	1	0	0	0	1	97
	19:15	0	27	39	1	3	0	0	1	9	1	0	0	0	1	82
	19:30	0	33	38	1	2	1	0	1	5	2	0	0	1	0	84
	19:45	1	27	42	2	3	0	0	1	8	0	0	0	1	0	85
	20:00	0	35	43	1	2	0	0	2	7	0	0	0	1	0	91
	20:15	1	36	31	1	2	0	0	2	8	1	0	0	0	0	82
	20:30	0	29	39	0	1	0	0	2	6	1	0	0	2	0	80
	20:45	0	37	28	1	0	0	0	1	3	0	0	1	0	0	71
	21:00	1	29	26	0	1	0	0	1	5	1	0	0	0	1	65
	21:15	0	37	19	0	0	0	0	2	4	0	0	0	1	0	63
	21:30	0	29	13	0	1	1	0	1	6	0	0	0	2	0	53
	21:45	0	12	22	0	2	1	0	4	8	1	0	0	1	0	51
	22:00	0	17	14	0	1	0	0	1	7	2	0	0	2	1	45
	22:15	0	16	14	0	0	0	0	2	2	0	0	0	1	1	36
	22:30	0	13	14	0	0	1	0	2	1	0	0	0	0	0	31
	22:45	0	11	9	0	1	0	0	1	4	0	0	0	0	0	26
	23:00	0	12	7	0	0	0	0	2	3	0	0	0	0	0	24
	23:15	0	6	9	1	0	0	0	1	4	1	0	0	0	1	23
	23:30	0	5	9	0	1	0	0	2	4	0	0	1	1	0	23
	23:45	0	8	6	0	0	0	0	1	1	1	0	0	0	0	17
Daily Total :		22	3070	3835	68	244	52	0	179	798	98	4	16	146	48	8580
	Percent :	0%	36%	45%	1%	3%	1%	0%	2%	9%	1%	0%	0%	2%	1%	
	Average :	0	32	40	1	3	1	0	2	8	1	0	0	2	1	91

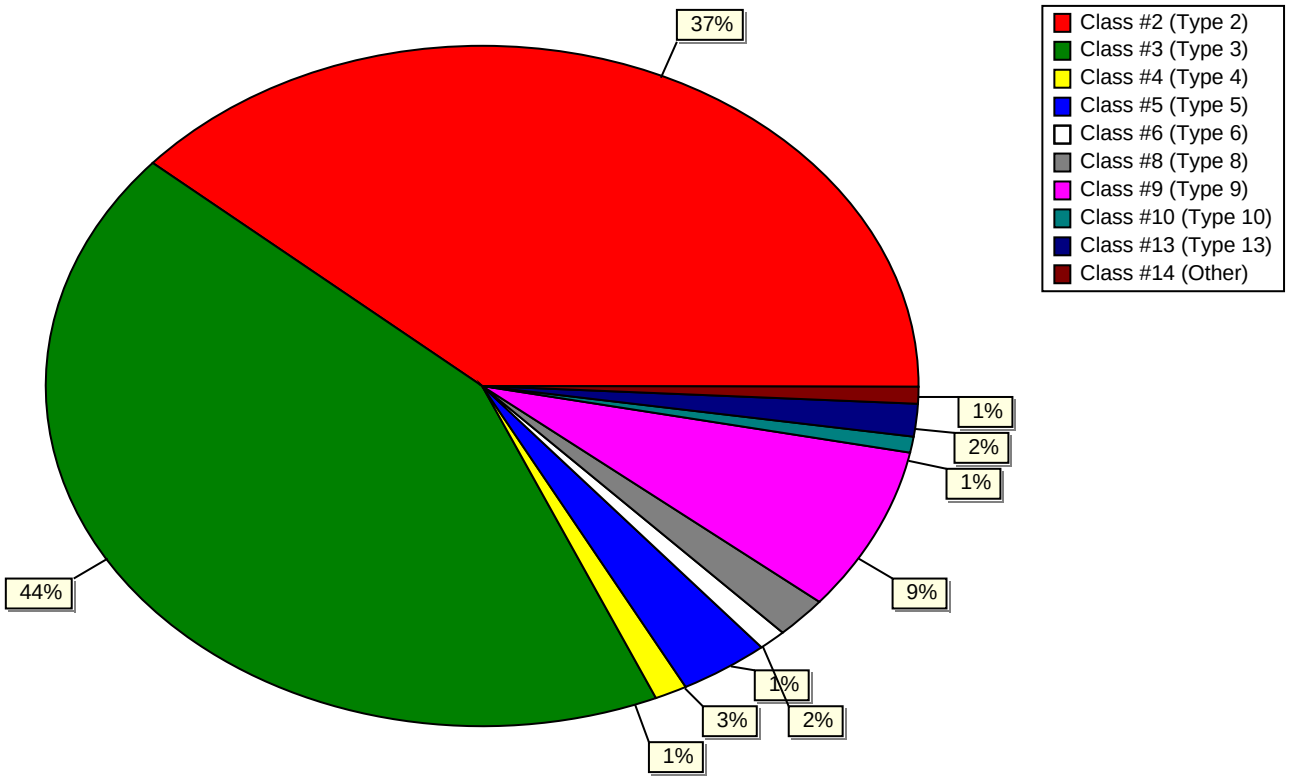
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	2	8	1	0	0	0	0	2	0	0	0	0	1	14
Thu	00:15	0	5	5	0	1	0	0	4	2	0	0	0	0	1	18
	00:30	0	4	4	0	0	0	0	1	3	0	0	0	0	0	12
	00:45	0	0	2	0	0	0	0	0	1	0	1	0	0	0	4
	01:00	0	0	5	0	0	0	0	2	0	0	0	1	1	1	10
	01:15	0	0	2	0	0	0	0	1	2	0	0	0	0	0	5
	01:30	0	2	2	0	0	0	0	2	2	0	0	0	0	0	8
	01:45	0	2	3	0	0	0	0	0	1	0	0	0	0	0	6
	02:00	0	2	0	0	0	0	0	0	1	0	0	0	1	0	4
	02:15	0	0	2	0	2	0	0	1	3	0	0	0	1	0	9
	02:30	0	3	4	0	0	1	0	0	1	0	0	0	1	0	10
	02:45	0	0	0	0	1	0	0	2	3	1	0	0	0	0	7
	03:00	0	3	2	0	0	0	0	0	3	0	0	1	0	0	9
	03:15	0	2	2	0	0	0	0	0	4	0	0	0	0	0	8
	03:30	0	9	5	0	0	0	0	1	5	0	0	1	1	0	22
	03:45	0	4	6	0	0	0	0	0	2	1	0	0	1	0	14
	04:00	0	3	5	0	1	0	0	0	7	0	0	0	0	0	16
	04:15	0	6	6	0	0	1	0	4	3	1	0	1	1	0	23
	04:30	0	18	17	1	0	0	0	0	3	0	0	0	0	1	40
	04:45	0	10	10	0	0	0	0	0	0	0	0	0	1	0	21
	05:00	0	12	10	0	3	0	0	2	4	1	0	0	1	0	33
	05:15	0	9	11	0	0	0	0	3	2	0	0	0	2	1	28
	05:30	0	14	26	0	2	0	1	3	3	0	0	0	1	0	50
	05:45	0	17	27	1	4	0	0	2	3	0	0	1	0	0	55
	06:00	0	20	26	1	1	0	0	3	7	0	1	0	0	1	60
	06:15	0	34	34	2	3	2	1	3	7	0	0	0	0	1	87
	06:30	0	35	54	0	5	0	0	2	4	0	0	0	1	1	102
	06:45	0	45	53	0	0	1	0	1	3	2	0	1	1	4	111
	07:00	0	40	47	0	6	4	2	2	1	1	0	0	3	0	106
	07:15	0	56	55	0	2	3	0	3	6	2	0	0	2	2	131
	07:30	0	37	73	1	3	2	0	1	10	0	0	0	4	1	132
	07:45	0	57	65	0	3	0	0	1	5	0	1	0	4	1	137
	08:00	0	43	57	2	0	2	0	5	12	5	0	0	1	0	127
	08:15	0	32	52	1	2	2	0	2	5	2	0	0	3	4	105
	08:30	0	42	59	3	5	1	0	3	6	1	0	0	1	2	123
	08:45	0	26	63	0	11	1	0	2	11	1	0	0	2	1	118
	09:00	0	25	47	0	3	1	0	3	10	0	0	0	1	1	91
	09:15	0	35	58	3	3	2	0	3	13	2	0	0	1	1	121
	09:30	0	27	59	1	0	1	0	5	13	0	0	0	1	0	107
	09:45	0	30	55	1	5	1	0	3	12	1	0	1	3	0	112
Daily Total :		0	711	1021	18	66	25	4	70	185	21	3	7	40	25	2196
	Percent :	0%	32%	46%	1%	3%	1%	0%	3%	8%	1%	0%	0%	2%	1%	
	Average :	0	18	26	0	2	1	0	2	5	1	0	0	1	1	57

Basic Axle Class Summary: 2D0000456

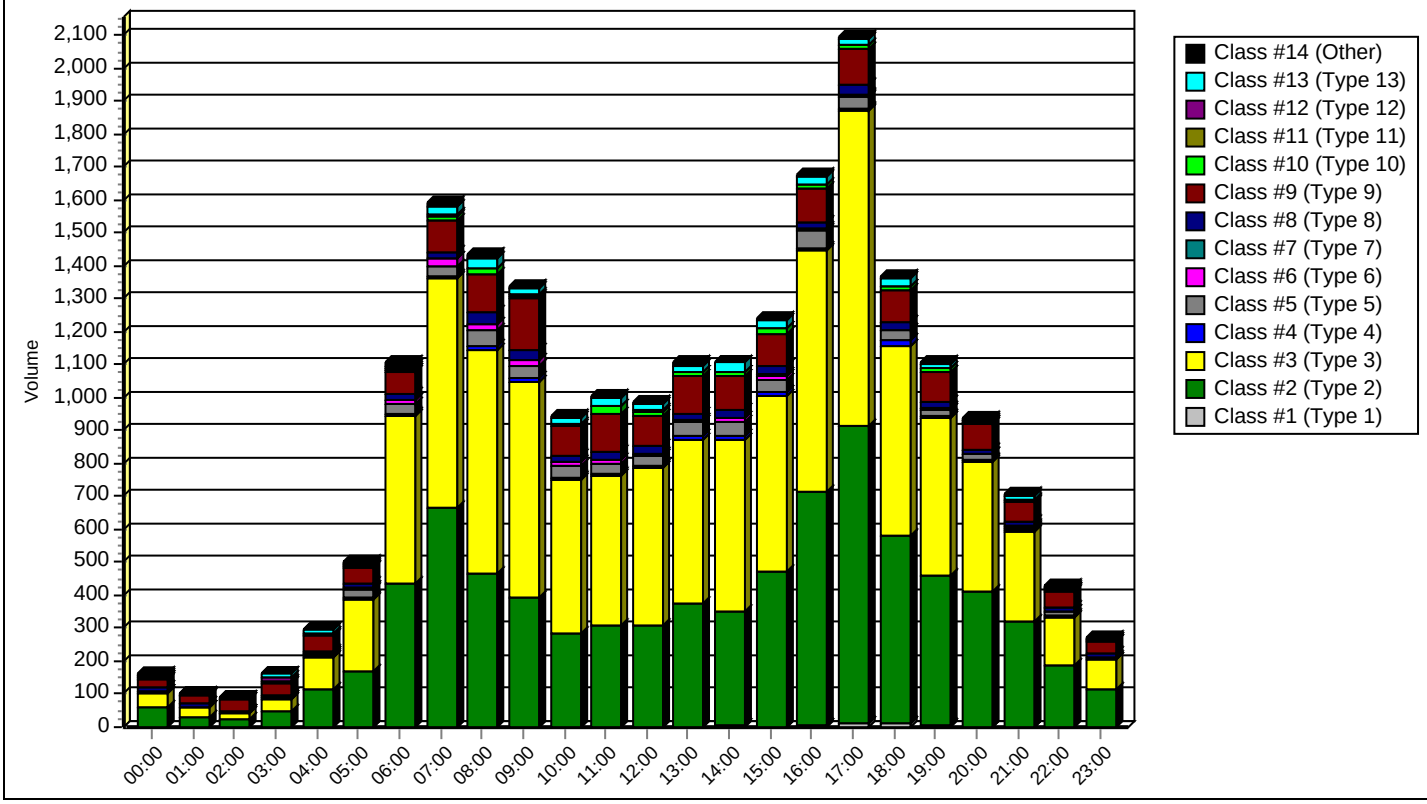
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	52	8168	9596	161	585	149	8	433	1873	214	14	38	359	132	21782
		52	8168	9596	161	585	149	8	433	1873	214	14	38	359	132	21782
Percents :	#1.	0%	37%	44%	1%	3%	1%	0%	2%	9%	1%	0%	0%	2%	1%	100%
		0%	37%	44%	1%	3%	1%	0%	2%	9%	1%	0%	0%	2%	1%	
Average :	#1.	0	31	37	1	2	1	0	2	7	1	0	0	1	1	84
		0	31	37	1	2	1	0	2	7	1	0	0	1	1	84
Days & ADT :	#1.	2.7	7981													
		2.7	7981													

2D0000456 Axle Class Charts For Data From: 16:30 - 04/11/2011 To: 10:14 - 04/14/2011

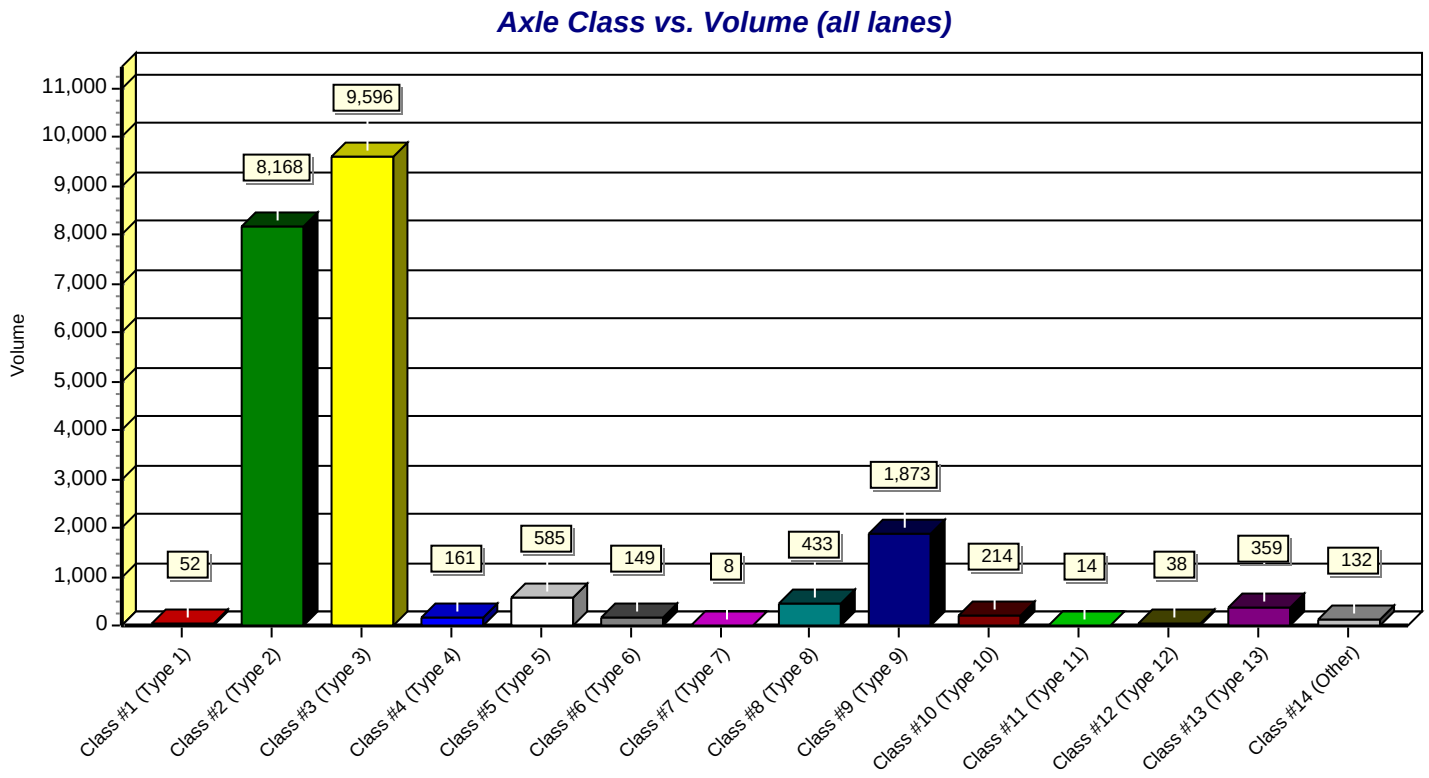
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0000456 Axle Class Charts For Data From: 16:30 - 04/11/2011 To: 10:14 - 04/14/2011



Basic Speed Classification Report: 2D0000456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 16:30 - 04/11/2011 To: 10:14 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	16:30	1	0	0	0	0	0	0	0	5	38	84	46	7	0	0	0	181
Mon	16:45	0	0	0	0	0	0	0	0	5	20	83	38	6	0	0	0	152
	17:00	0	0	0	0	0	0	0	1	7	25	113	44	6	0	0	0	196
	17:15	0	0	0	0	0	0	0	2	4	31	92	43	8	0	0	0	180
	17:30	1	0	0	0	0	0	0	0	8	18	74	46	9	0	0	0	156
	17:45	0	0	0	0	0	0	0	2	5	28	79	37	6	1	0	0	158
	18:00	0	0	0	0	0	0	0	1	1	29	57	35	5	1	0	0	129
	18:15	0	0	0	0	0	0	1	0	2	17	51	33	6	1	0	0	111
	18:30	1	0	0	0	0	0	0	0	3	6	41	34	6	2	0	0	93
	18:45	0	0	0	0	0	0	0	0	0	12	44	32	7	0	0	0	95
	19:00	0	0	0	0	0	0	0	0	3	10	44	33	5	0	0	0	95
	19:15	0	0	0	0	0	0	0	0	5	8	37	42	2	2	0	0	96
	19:30	0	0	0	0	0	0	0	0	1	17	42	29	5	0	0	0	94
	19:45	0	0	0	0	0	0	0	0	4	17	38	33	3	0	0	0	95
	20:00	0	0	0	0	0	0	0	0	2	14	38	17	5	0	0	0	76
	20:15	0	0	0	0	0	0	0	1	5	21	30	22	1	0	0	0	80
	20:30	0	0	0	0	0	0	0	0	7	18	27	11	2	0	0	0	65
	20:45	0	0	0	0	0	0	0	7	5	15	31	15	0	0	0	0	73
	21:00	0	0	0	0	0	0	0	0	6	11	34	14	1	0	0	0	66
	21:15	0	0	0	0	0	0	0	1	7	13	39	9	0	1	0	0	70
	21:30	0	0	0	0	0	0	0	0	7	14	22	15	0	0	0	0	58
	21:45	0	0	0	0	0	0	0	2	4	12	17	10	0	0	0	0	45
	22:00	0	0	0	0	0	0	0	1	5	15	11	7	1	0	0	0	40
	22:15	0	0	0	0	0	0	0	1	6	11	13	7	0	0	0	0	38
	22:30	0	0	0	0	0	0	0	0	3	8	19	7	1	0	0	0	38
	22:45	0	0	0	0	0	0	0	1	1	3	12	6	0	0	0	0	23
	23:00	0	0	0	0	0	0	0	1	5	8	13	6	0	0	0	0	33
	23:15	0	0	0	0	0	0	0	0	2	1	6	3	0	0	0	0	12
	23:30	0	0	0	0	0	0	0	0	1	5	15	6	0	0	0	0	27
	23:45	0	0	0	0	0	0	0	0	2	2	11	5	0	0	0	0	20
Daily Total :		3	0	0	0	0	0	1	21	121	447	1217	685	92	8	0	0	2595
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	5%	17%	47%	26%	4%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	4	15	41	23	3	0	0	0	84

Speeds - Average: 67.7 50% : 67.9 67% : 69.8 85% : 72.9 10mph Pace: 65.0 - 74.9 (73.3%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	1	3	6	6	1	0	0	0	0	17
Tue	00:15	0	0	0	0	0	0	0	0	0	5	4	1	0	0	0	0	10
	00:30	0	0	0	0	0	1	0	0	3	5	3	1	0	0	0	0	13
	00:45	0	0	0	0	0	0	0	1	0	2	8	4	0	0	0	0	15
	01:00	0	0	0	0	0	0	0	0	0	5	6	5	0	0	0	0	16
	01:15	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	4
	01:30	0	0	0	0	0	0	0	0	0	1	3	3	0	0	0	0	7
	01:45	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	7
	02:00	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	6
	02:15	0	0	0	0	0	0	0	1	1	3	5	1	0	0	0	0	11
	02:30	0	0	1	0	0	0	0	0	1	1	1	4	0	0	0	0	8
	02:45	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	1	1	3	1	0	0	0	0	6
	03:15	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
	03:30	0	0	0	0	0	0	0	0	1	3	7	4	1	0	0	0	16
	03:45	0	0	0	0	0	0	0	0	1	2	5	6	0	0	0	0	14
	04:00	0	0	0	0	0	0	0	0	0	3	11	3	0	0	0	0	17
	04:15	0	0	0	0	0	0	0	0	2	3	7	7	1	0	0	0	20
	04:30	0	0	0	0	0	0	0	1	2	5	16	6	3	0	1	0	34
	04:45	0	0	0	0	0	0	0	0	4	3	8	8	1	0	0	0	24
	05:00	0	0	0	0	0	0	0	0	1	6	10	7	2	0	0	0	26
	05:15	0	0	0	0	0	0	0	0	0	7	11	11	1	0	0	0	30
	05:30	0	0	0	0	0	0	0	0	3	6	13	23	3	1	0	0	49
	05:45	0	0	0	0	0	0	0	0	1	9	33	18	1	1	0	0	63
	06:00	0	1	0	0	0	0	0	2	1	11	31	17	2	0	0	0	65
	06:15	0	0	0	0	0	0	0	0	2	11	34	25	3	0	0	0	75
	06:30	0	0	0	0	0	0	0	1	1	15	56	40	3	0	0	0	116
	06:45	0	0	0	0	0	0	0	0	1	14	51	43	4	2	0	0	115
	07:00	1	0	0	0	0	0	0	1	4	14	51	40	3	0	0	0	114
	07:15	0	0	0	0	0	0	0	0	3	15	64	43	5	1	0	0	131
	07:30	0	0	0	0	0	0	0	0	10	29	65	33	2	0	0	0	139
	07:45	0	0	0	0	0	0	0	0	3	20	70	44	7	0	0	0	144
	08:00	0	0	0	0	0	0	0	1	2	20	42	32	3	0	0	0	100
	08:15	0	0	0	0	0	0	0	5	7	14	51	29	3	0	0	0	109
	08:30	0	0	0	0	0	0	0	0	4	23	73	33	3	0	0	0	136
	08:45	0	0	1	0	0	0	0	1	6	22	57	23	8	0	0	0	118
	09:00	0	0	0	1	0	0	0	1	5	18	50	24	1	1	1	0	102
	09:15	0	0	0	0	0	0	0	5	4	15	37	31	5	0	0	0	97
	09:30	0	0	0	0	0	0	1	1	8	18	42	39	5	0	0	0	114
	09:45	0	0	0	0	0	0	0	2	3	33	71	16	4	0	0	0	129
	10:00	2	0	0	0	0	0	0	3	2	19	33	23	2	0	0	0	84
	10:15	0	0	0	0	0	0	0	1	3	14	63	28	3	0	0	0	112
	10:30	0	0	0	0	0	0	0	2	2	17	59	37	7	0	0	0	124
	10:45	0	0	0	0	0	0	0	0	1	17	60	28	8	2	0	0	116
	11:00	0	0	0	0	0	0	0	0	5	18	41	36	7	0	0	0	107
	11:15	0	0	0	0	0	0	0	1	7	25	54	40	10	1	0	0	138
	11:30	0	0	0	0	0	0	0	1	9	27	51	30	5	0	0	0	123
	11:45	0	0	0	0	0	0	0	0	3	22	52	30	8	1	0	0	116
	12:00	0	0	0	0	0	0	1	0	1	16	63	34	1	0	0	0	116
	12:15	0	0	0	0	0	0	0	0	2	22	52	22	12	0	0	0	110

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	1	1	22	65	44	5	0	0	0	138
Tue	12:45	0	0	0	0	0	0	0	2	7	19	66	33	5	1	0	0	133
	13:00	0	0	0	0	0	0	0	2	3	21	59	43	6	0	0	0	134
	13:15	1	0	0	0	0	0	0	2	3	17	53	42	9	0	0	0	127
	13:30	0	0	0	0	0	0	0	2	3	18	62	42	9	5	0	0	141
	13:45	0	0	0	0	0	0	0	1	6	26	60	43	11	3	0	0	150
	14:00	0	0	0	0	0	0	0	0	1	31	67	32	6	0	0	0	137
	14:15	0	0	0	0	0	0	0	2	6	27	65	33	2	2	2	0	139
	14:30	0	0	0	0	0	0	3	1	7	17	70	41	8	0	0	0	147
	14:45	0	0	0	0	0	0	1	0	6	17	62	39	8	2	0	0	135
	15:00	0	0	0	0	0	0	2	4	6	28	60	51	6	4	1	0	162
	15:15	0	0	0	0	0	0	1	1	6	29	63	35	3	2	0	0	140
	15:30	0	0	0	0	0	1	0	0	5	29	65	46	8	1	0	0	155
	15:45	0	0	0	0	0	0	0	2	8	29	78	54	2	2	0	0	175
	16:00	0	0	0	0	0	0	0	3	10	25	59	35	7	0	0	0	139
	16:15	0	0	0	0	0	0	0	1	3	39	87	44	4	0	0	0	178
	16:30	0	0	0	0	0	0	0	0	9	21	78	51	3	1	0	0	163
	16:45	0	0	0	0	0	0	0	0	4	11	84	70	16	1	0	0	186
	17:00	0	0	0	0	0	1	0	0	3	17	75	65	17	1	0	0	179
	17:15	0	0	0	0	0	0	1	0	8	26	73	65	10	2	0	0	185
	17:30	0	0	0	0	0	0	0	0	3	18	65	67	11	0	0	0	164
	17:45	0	0	0	0	0	0	0	0	1	19	62	75	15	2	0	0	174
	18:00	0	0	0	0	0	0	0	1	5	5	55	72	7	1	0	0	146
	18:15	0	0	0	0	0	0	0	0	3	22	46	43	8	1	0	0	123
	18:30	0	0	0	0	0	0	0	0	4	13	41	30	7	1	1	0	97
	18:45	0	0	0	0	0	0	0	0	0	14	37	50	7	0	0	0	108
	19:00	0	0	0	0	0	0	0	1	0	11	38	42	11	0	0	0	103
	19:15	0	0	0	0	0	0	1	1	3	17	42	27	3	0	0	0	94
	19:30	0	0	0	0	0	0	0	0	3	20	39	28	1	0	0	0	91
	19:45	0	0	0	0	0	0	0	0	3	21	35	28	1	2	1	0	91
	20:00	0	0	0	0	0	0	0	0	3	13	48	23	5	1	0	0	93
	20:15	0	0	0	0	0	0	1	0	3	16	43	21	2	0	1	0	87
	20:30	1	0	0	0	0	0	0	1	13	13	31	7	3	0	0	0	69
	20:45	0	0	0	0	0	0	0	0	4	16	32	18	2	0	0	0	72
	21:00	0	0	0	0	0	0	0	0	2	11	28	17	0	0	0	0	58
	21:15	0	0	0	0	0	0	0	0	2	18	33	17	2	0	0	0	72
	21:30	0	0	0	0	0	0	0	1	5	12	24	13	4	0	0	0	59
	21:45	0	0	0	0	0	0	0	1	3	9	15	16	3	0	0	0	47
	22:00	0	0	0	0	0	0	0	1	0	5	17	11	1	0	0	0	35
	22:15	0	0	0	0	0	0	0	0	4	4	13	13	6	0	0	0	40
	22:30	0	0	0	0	0	0	0	0	5	6	14	15	1	1	0	0	42
	22:45	0	0	0	0	0	0	0	1	0	8	8	17	1	0	0	0	35
	23:00	0	0	0	0	0	0	0	0	0	6	8	12	1	0	0	0	27
	23:15	0	0	0	0	0	0	0	0	2	2	8	7	0	0	0	0	19
	23:30	0	0	0	0	0	0	0	0	1	7	7	8	0	0	0	0	23
	23:45	0	0	0	0	0	0	0	0	0	4	11	9	1	0	0	0	25

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		5	1	2	1	0	3	12	64	301	1351	3699	2532	386	46	8	0	8411
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	4%	16%	44%	30%	5%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	1	3	14	39	26	4	0	0	0	87

Speeds - Average: 68.2 50% : 68.4 67% : 70.5 85% : 73.4 10mph Pace: 65.0 - 74.9 (74.1%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	1	1	3	11	8	2	0	0	0	26
Wed	00:15	0	0	0	0	0	0	0	0	1	4	4	3	0	0	0	0	12
	00:30	0	0	0	0	0	0	0	0	1	2	6	6	0	0	0	0	15
	00:45	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	6
	01:00	0	0	0	0	0	0	0	0	1	1	2	3	0	0	0	0	7
	01:15	0	0	0	0	0	0	0	0	0	0	2	6	1	0	1	0	10
	01:30	0	0	0	0	0	0	0	0	0	2	6	1	1	0	0	0	10
	01:45	0	0	0	0	0	0	0	0	0	3	2	5	3	0	0	0	13
	02:00	0	0	0	0	0	0	0	0	0	1	3	1	1	0	0	0	6
	02:15	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	7
	02:30	0	0	0	0	0	0	0	0	2	2	5	0	1	0	0	0	10
	02:45	0	0	0	0	0	0	0	0	1	0	3	0	1	0	0	0	5
	03:00	0	0	0	0	0	0	0	0	0	2	9	5	0	0	0	0	16
	03:15	0	0	0	0	0	0	0	0	0	1	8	3	0	0	0	0	12
	03:30	0	0	0	0	0	0	0	1	0	1	7	8	1	0	0	0	18
	03:45	0	0	0	0	0	0	0	1	2	2	9	8	0	0	0	0	22
	04:00	0	0	0	0	0	0	0	0	3	2	8	4	1	0	0	0	18
	04:15	0	0	0	0	0	0	0	0	0	3	5	8	1	0	0	0	17
	04:30	0	0	0	0	0	0	0	0	1	4	12	18	2	0	0	0	37
	04:45	0	0	0	0	0	0	0	1	1	5	7	8	4	2	0	0	28
	05:00	0	0	0	0	0	0	0	0	1	3	13	10	2	0	0	0	29
	05:15	0	0	0	0	0	0	0	0	0	4	13	14	3	2	0	0	36
	05:30	0	0	0	0	0	0	0	0	2	3	16	16	6	0	0	0	43
	05:45	0	0	0	0	0	0	1	0	1	2	22	28	3	2	0	0	59
	06:00	0	0	0	0	0	0	0	0	3	13	27	23	5	0	0	0	71
	06:15	0	0	0	0	0	0	0	0	0	4	31	41	6	2	0	0	84
	06:30	1	0	0	0	0	0	0	0	1	8	47	49	10	1	1	0	118
	06:45	0	0	0	0	0	0	0	1	3	6	51	31	12	2	0	0	106
	07:00	0	0	0	0	0	0	0	1	1	11	55	45	7	0	0	0	120
	07:15	0	0	0	0	0	0	0	1	2	14	61	51	7	0	0	0	136
	07:30	0	0	0	0	0	0	0	3	3	22	59	52	5	2	0	0	146
	07:45	0	0	0	0	0	0	0	1	2	19	67	52	16	0	0	0	157
	08:00	0	0	0	0	0	0	0	0	1	23	56	42	9	0	0	0	131
	08:15	0	0	0	0	0	0	0	0	7	14	52	35	6	1	0	0	115
	08:30	0	0	0	0	0	0	0	0	0	18	44	52	7	1	1	0	123
	08:45	0	0	0	0	0	0	0	0	6	38	51	33	5	0	0	0	133
	09:00	0	0	0	0	0	0	0	1	5	28	70	38	1	0	0	0	143
	09:15	0	0	0	0	0	0	0	1	4	18	47	26	3	1	0	0	100
	09:30	1	0	0	0	0	0	0	1	3	29	48	24	4	0	0	0	110
	09:45	1	0	0	0	0	0	1	2	10	18	47	31	3	1	0	0	114
	10:00	0	0	0	0	0	0	0	0	2	11	66	37	5	1	0	0	122
	10:15	0	0	0	0	0	0	0	0	8	18	46	32	3	1	0	0	108
	10:30	0	0	0	0	0	0	0	1	3	37	49	34	4	1	0	0	129
	10:45	0	0	0	0	0	0	0	0	3	25	61	52	6	4	0	0	151
	11:00	2	0	0	0	0	0	0	1	8	26	52	30	8	0	0	0	127
	11:15	0	0	0	0	0	0	0	0	4	12	51	40	8	1	0	0	116
	11:30	0	0	0	0	0	1	0	0	4	25	69	46	5	0	0	0	150
	11:45	0	0	0	0	0	0	0	2	5	13	63	34	10	0	0	0	127
	12:00	0	0	0	0	0	0	1	2	1	11	55	39	6	1	0	0	116
	12:15	0	0	0	0	0	0	0	0	5	17	49	50	9	1	0	0	131

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	3	21	50	28	7	0	0	0	109
Wed	12:45	0	0	0	0	0	0	0	1	3	29	62	31	4	2	0	0	132
	13:00	0	0	0	0	0	0	0	0	10	28	62	36	6	0	0	0	142
	13:15	0	0	0	0	0	0	0	0	7	23	63	34	8	2	0	0	137
	13:30	0	0	0	0	0	0	1	0	2	18	63	47	7	0	0	0	138
	13:45	0	0	0	0	0	0	0	0	1	27	65	36	6	2	0	0	137
	14:00	1	0	0	0	0	0	1	2	12	15	37	36	11	0	0	0	115
	14:15	0	0	0	0	0	0	0	1	4	28	61	38	3	3	0	0	138
	14:30	0	0	0	0	0	1	0	1	2	28	68	40	5	1	1	0	147
	14:45	0	0	0	0	0	0	0	2	6	25	63	46	9	0	0	0	151
	15:00	0	0	0	0	0	0	0	0	11	24	64	35	10	0	0	0	144
	15:15	0	0	0	0	0	0	0	0	8	27	83	19	9	0	0	0	146
	15:30	0	0	0	0	0	0	0	0	5	34	73	42	9	0	0	0	163
	15:45	0	0	0	0	0	0	0	0	5	26	73	45	6	1	0	0	156
	16:00	0	0	0	0	0	0	0	2	8	37	90	32	3	0	0	0	172
	16:15	0	0	0	0	0	0	0	0	3	31	87	37	5	0	0	0	163
	16:30	0	0	0	0	0	1	0	1	11	19	75	56	8	0	0	0	171
	16:45	0	0	0	0	0	0	0	4	7	38	82	39	3	0	0	0	173
	17:00	0	0	0	0	0	1	0	0	4	28	87	49	9	1	0	0	179
	17:15	0	0	0	0	0	0	0	2	8	46	70	44	11	0	0	0	181
	17:30	0	0	0	0	0	0	0	3	8	34	77	46	8	0	0	0	176
	17:45	0	0	0	0	0	0	0	1	7	22	69	55	12	1	1	0	168
	18:00	0	0	0	0	0	1	0	2	1	20	63	46	8	0	0	0	141
	18:15	0	0	0	0	0	0	0	2	4	14	50	49	8	1	0	0	128
	18:30	0	0	0	0	0	0	0	0	3	15	40	43	7	0	0	0	108
	18:45	0	0	0	0	0	0	0	0	2	17	40	28	3	0	0	0	90
	19:00	0	0	0	0	0	0	0	0	6	14	42	30	5	0	0	0	97
	19:15	0	0	0	0	0	0	0	1	9	17	36	17	2	0	0	0	82
	19:30	0	0	0	0	0	0	1	3	3	14	35	28	0	0	0	0	84
	19:45	0	0	0	0	0	0	0	0	2	20	40	20	3	0	0	0	85
	20:00	0	0	0	0	0	0	0	1	7	11	39	29	3	1	0	0	91
	20:15	1	0	0	0	0	0	0	1	12	24	30	12	1	1	0	0	82
	20:30	0	0	0	0	0	0	1	1	8	21	34	13	2	0	0	0	80
	20:45	0	0	0	0	0	0	0	0	7	24	26	14	0	0	0	0	71
	21:00	0	0	0	0	0	0	0	0	5	23	26	10	1	0	0	0	65
	21:15	0	0	0	0	0	0	0	3	11	16	21	12	0	0	0	0	63
	21:30	0	0	0	0	0	0	0	1	5	19	19	9	0	0	0	0	53
	21:45	0	0	0	0	0	0	0	0	3	15	19	11	3	0	0	0	51
	22:00	0	0	0	0	0	0	0	1	3	13	17	10	0	0	1	0	45
	22:15	0	0	0	0	0	0	0	0	6	7	10	10	3	0	0	0	36
	22:30	0	0	0	0	0	0	0	0	1	7	14	8	1	0	0	0	31
	22:45	0	0	0	0	0	0	0	2	4	4	12	2	2	0	0	0	26
	23:00	0	0	0	0	0	0	0	1	1	4	12	5	1	0	0	0	24
	23:15	0	0	0	0	0	0	0	1	3	1	11	7	0	0	0	0	23
	23:30	0	0	0	0	0	0	0	0	5	6	5	7	0	0	0	0	23
	23:45	0	0	0	0	0	0	0	0	2	0	8	6	1	0	0	0	17

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		7	0	0	0	0	5	7	62	360	1464	3728	2482	416	43	6	0	8580
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	17%	43%	29%	5%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	4	15	39	26	4	0	0	0	87

Speeds - Average: 68.0 50% : 68.2 67% : 70.3 85% : 73.4 10mph Pace: 65.0 - 74.9 (72.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	1	1	4	7	1	0	0	0	14
Thu	00:15	0	0	0	0	0	0	0	1	1	3	7	6	0	0	0	0	18
	00:30	0	0	0	0	0	0	0	0	0	3	3	6	0	0	0	0	12
	00:45	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	01:00	0	0	0	0	0	0	0	1	1	0	5	3	0	0	0	0	10
	01:15	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5
	01:30	0	0	0	0	0	0	0	0	1	1	4	2	0	0	0	0	8
	01:45	0	0	0	0	0	0	0	0	1	0	4	1	0	0	0	0	6
	02:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	02:15	0	0	0	0	0	0	0	4	1	1	2	0	1	0	0	0	9
	02:30	0	0	0	0	0	0	0	0	1	1	3	2	0	3	0	0	10
	02:45	0	0	0	0	0	0	0	0	0	3	2	1	1	0	0	0	7
	03:00	0	0	0	0	0	0	0	1	0	0	5	3	0	0	0	0	9
	03:15	0	0	0	0	0	0	0	0	1	2	5	0	0	0	0	0	8
	03:30	0	0	0	0	0	0	0	1	0	4	8	8	1	0	0	0	22
	03:45	0	0	0	0	0	0	0	0	1	3	6	4	0	0	0	0	14
	04:00	0	0	0	0	0	0	0	0	1	4	6	3	1	1	0	0	16
	04:15	0	0	0	0	0	0	0	0	1	4	11	5	2	0	0	0	23
	04:30	0	0	0	0	0	0	0	0	4	4	15	14	3	0	0	0	40
	04:45	0	0	0	0	0	0	0	0	3	1	8	7	1	1	0	0	21
	05:00	0	0	0	0	0	0	0	1	1	5	17	7	2	0	0	0	33
	05:15	0	0	0	0	0	0	0	0	0	6	11	7	4	0	0	0	28
	05:30	0	0	0	0	0	0	1	0	1	5	17	22	4	0	0	0	50
	05:45	0	0	0	0	0	0	0	1	2	7	17	23	5	0	0	0	55
	06:00	0	0	0	0	0	0	0	1	1	7	23	22	5	1	0	0	60
	06:15	0	0	0	0	0	0	0	0	2	11	27	40	6	1	0	0	87
	06:30	0	0	0	0	0	0	0	0	0	5	37	47	11	2	0	0	102
	06:45	0	0	0	0	0	0	0	0	2	4	40	36	24	5	0	0	111
	07:00	0	0	0	0	0	0	0	1	1	2	31	57	13	1	0	0	106
	07:15	0	0	0	0	0	0	0	0	0	9	41	66	13	2	0	0	131
	07:30	0	0	0	0	0	0	0	3	0	8	38	67	16	0	0	0	132
	07:45	0	0	0	0	0	0	0	1	4	8	48	58	17	1	0	0	137
	08:00	1	0	0	0	0	0	0	1	5	20	35	51	13	0	1	0	127
	08:15	0	0	0	0	0	0	1	2	5	11	35	41	9	1	0	0	105
	08:30	0	0	0	0	0	0	0	0	2	20	52	44	3	2	0	0	123
	08:45	0	0	0	0	1	0	0	0	1	19	47	38	8	4	0	0	118
	09:00	0	0	0	0	0	0	0	0	3	10	38	36	4	0	0	0	91
	09:15	0	0	0	0	0	0	0	2	3	24	37	45	9	1	0	0	121
	09:30	0	0	0	0	0	0	1	0	2	15	42	42	4	1	0	0	107
	09:45	0	0	0	0	0	0	0	0	7	25	49	25	6	0	0	0	112
Daily Total :		1	0	0	0	1	0	3	21	60	258	787	849	188	27	1	0	2196
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	3%	12%	36%	39%	9%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	2	6	20	21	5	1	0	0	89

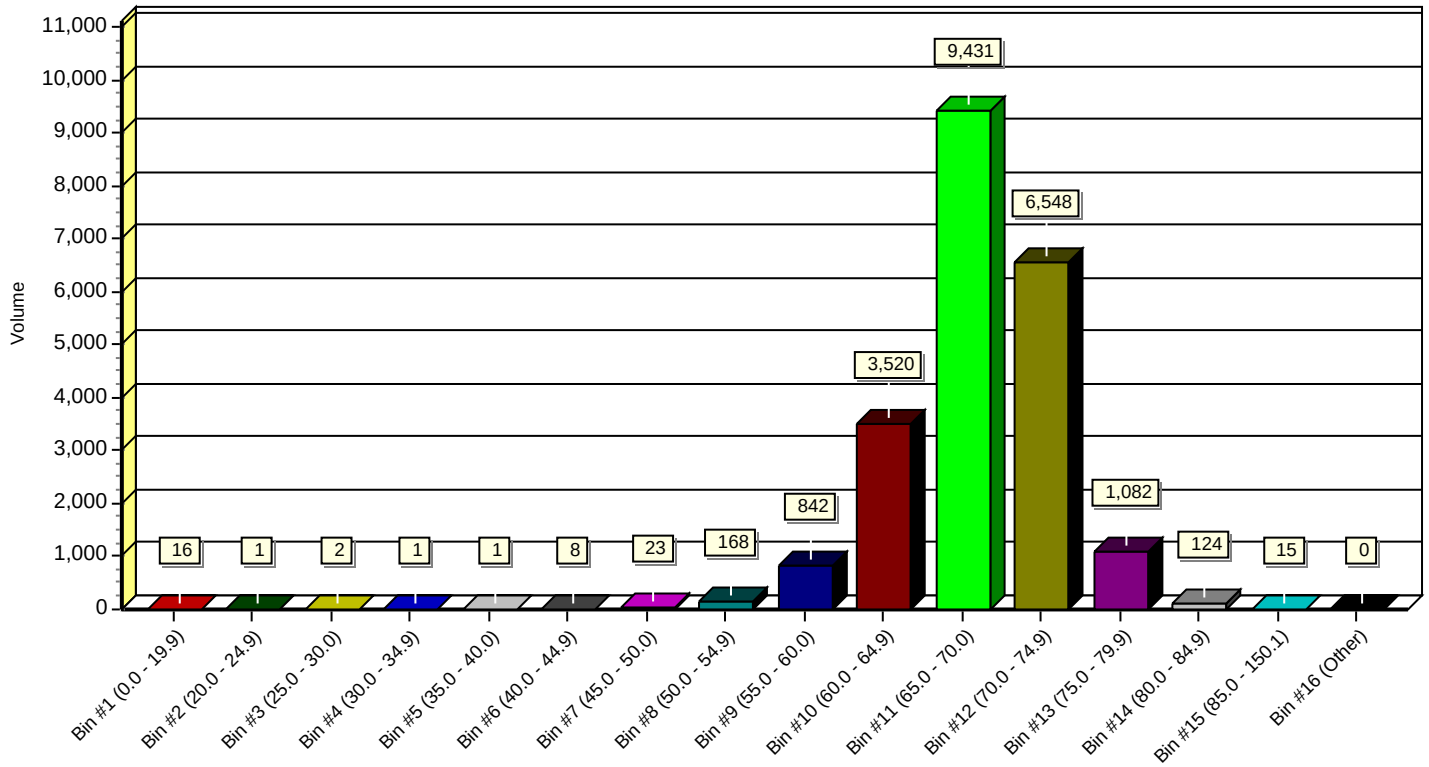
Speeds - Average: 69.4 50% : 69.8 67% : 72.1 85% : 74.3 10mph Pace: 65.0 - 74.9 (74.5%)

Basic Speed Class Summary: 2D0000456

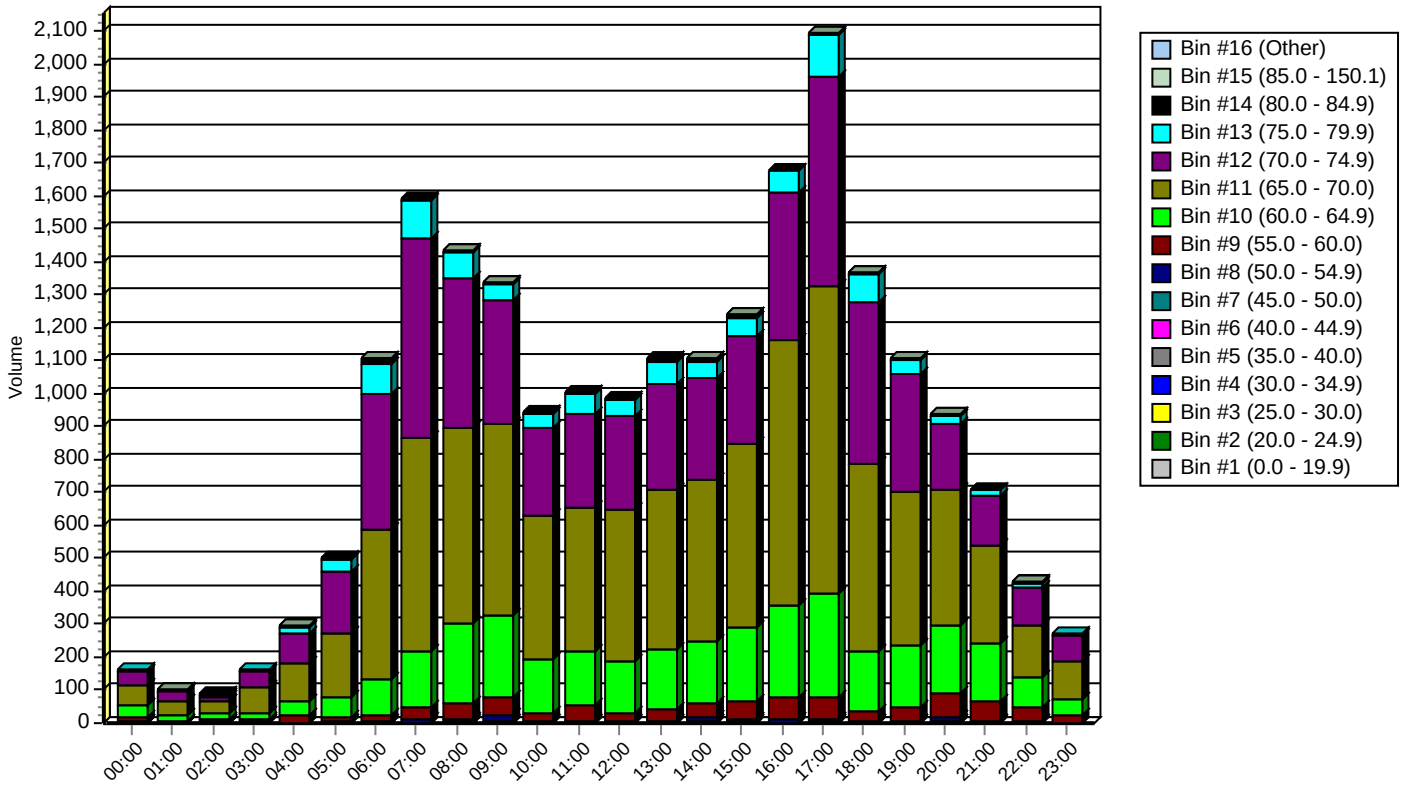
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	16	1	2	1	1	8	23	168	842	3520	9431	6548	1082	124	15	0	21782
		16	1	2	1	1	8	23	168	842	3520	9431	6548	1082	124	15	0	21782
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	4%	16%	43%	30%	5%	1%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	4%	16%	43%	30%	5%	1%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	1	3	13	36	25	4	0	0	0	82
		0	0	0	0	0	0	0	1	3	13	36	25	4	0	0	0	82
Days & ADT :	#1.	2.7	7981															
		2.7	7981															
Avg,50,67,85%:	#1.	68.2	68.4	70.6	73.5	65.0	- 74.9	73%										
		68.2	68.4	70.6	73.5	65.0	- 74.9	73%										

2D0000456 Speed Class Charts For Data From: 16:30 - 04/11/2011 To: 10:14 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0000456

Station ID : 2P0000456
Info Line 1 : EB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 2P0000456.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 97832
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 16:30 - 04/11/2011 To: 10:14 - 04/14/2011

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	16:30	0	45	25	0	1	0	0	0	1	0	0	0	0	2	74
Mon	16:45	0	41	27	0	0	0	0	0	1	0	0	0	0	0	69
	17:00	0	68	41	0	1	0	1	1	1	1	0	0	0	1	115
	17:15	0	52	43	0	1	0	0	0	3	0	0	0	0	2	101
	17:30	2	48	28	0	0	0	0	0	1	0	0	0	1	1	81
	17:45	0	48	21	0	0	0	0	0	0	0	0	0	0	0	69
	18:00	1	21	18	0	0	0	0	0	3	0	0	0	0	0	43
	18:15	1	19	14	0	0	0	0	0	1	0	0	0	0	0	35
	18:30	0	14	16	0	0	0	0	0	0	0	0	0	0	0	30
	18:45	0	15	8	0	0	0	0	0	2	0	0	0	0	0	25
	19:00	0	14	10	0	0	0	0	0	2	0	0	0	0	1	27
	19:15	0	10	4	0	0	0	0	0	0	0	0	0	0	0	14
	19:30	0	18	8	0	0	0	0	0	1	0	0	0	2	0	29
	19:45	0	9	12	0	0	0	0	0	0	0	0	0	1	0	22
	20:00	0	10	11	0	0	0	0	0	0	0	0	0	0	0	21
	20:15	0	16	10	0	0	0	0	0	0	0	0	0	0	0	26
	20:30	0	8	3	0	0	0	0	0	1	0	0	0	0	0	12
	20:45	0	7	3	0	0	0	0	0	3	0	0	0	0	0	13
	21:00	0	9	2	1	0	0	0	0	1	0	0	0	0	0	13
	21:15	0	8	7	0	0	0	0	0	0	0	0	0	0	0	15
	21:30	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
	21:45	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
	22:00	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
	22:15	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	22:30	0	3	1	0	0	0	0	0	1	0	0	0	0	0	5
	22:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
	23:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
Daily Total :		4	525	325	1	3	0	1	1	22	1	0	0	4	7	894
Percent :		0%	59%	36%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	1%	
Average :		0	18	11	0	0	0	0	0	1	0	0	0	0	0	30

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
Tue	00:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	00:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:30	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2
	04:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	0	3	0	0	0	0	0	0	0	0	0	1	0	4
	04:45	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	05:30	0	8	3	0	0	0	0	0	2	0	0	0	0	0	13
	05:45	1	8	7	0	0	1	0	0	2	0	0	0	0	0	19
	06:00	0	6	10	0	0	0	0	0	4	0	0	0	0	0	20
	06:15	0	16	6	0	0	0	0	0	0	0	0	0	0	0	22
	06:30	0	22	15	0	0	0	0	0	2	0	0	0	1	0	40
	06:45	0	28	15	0	0	0	0	0	0	0	0	0	0	0	43
	07:00	0	31	8	0	0	1	0	0	0	0	0	0	2	1	43
	07:15	1	27	15	0	0	0	0	0	0	0	0	0	0	1	44
	07:30	0	26	22	1	0	0	0	0	2	0	0	0	2	3	56
	07:45	0	33	26	0	0	1	0	0	1	1	0	0	0	0	62
	08:00	0	28	19	0	0	0	0	0	1	0	0	0	0	0	48
	08:15	0	35	12	0	0	0	0	0	0	0	0	1	1	1	50
	08:30	0	31	25	0	1	0	0	0	2	0	0	0	1	0	60
	08:45	0	16	19	1	0	1	0	0	1	0	0	0	0	0	38
	09:00	0	15	12	1	2	0	0	0	2	0	0	0	0	0	32
	09:15	0	19	15	0	5	0	0	0	3	1	0	0	0	0	43
	09:30	0	10	18	0	0	0	0	1	3	0	0	0	1	0	33
	09:45	1	17	20	0	0	0	0	0	3	1	0	0	1	1	44
	10:00	0	39	27	0	4	0	0	0	9	1	0	0	1	1	82
	10:15	0	14	17	0	1	0	0	0	3	2	0	0	0	0	37
	10:30	0	17	7	0	1	0	0	0	3	0	0	0	0	0	28
	10:45	0	11	16	0	0	0	0	0	2	1	0	0	0	0	30
	11:00	0	17	11	0	0	0	0	0	0	0	0	0	0	0	28
	11:15	0	15	18	0	1	0	0	0	3	0	0	0	1	0	38
	11:30	0	18	12	0	2	0	0	0	3	2	0	0	0	0	37
	11:45	0	21	9	0	0	0	0	0	3	0	0	0	3	0	36
	12:00	0	25	14	0	0	0	0	0	2	0	0	0	0	0	41
	12:15	0	18	23	0	2	0	0	0	2	0	0	0	1	0	46

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	11	22	0	0	0	0	0	3	0	0	0	1	0	37
Tue	12:45	0	17	24	0	0	0	0	0	1	0	0	0	0	0	42
	13:00	0	25	23	0	1	0	0	0	2	0	0	0	1	1	53
	13:15	0	27	18	0	1	0	0	0	6	0	0	0	0	0	52
	13:30	0	28	21	0	1	0	0	0	5	1	0	0	1	0	57
	13:45	0	27	20	0	0	0	0	1	5	0	0	0	2	0	55
	14:00	0	26	21	0	0	0	0	0	5	0	0	0	1	0	53
	14:15	2	18	19	1	0	0	0	0	5	0	0	0	0	0	45
	14:30	0	26	26	2	0	0	0	0	5	1	0	0	1	0	61
	14:45	0	29	26	0	0	1	0	0	1	0	0	0	0	1	58
	15:00	0	36	31	0	1	0	0	0	3	1	0	0	0	0	72
	15:15	0	26	22	0	1	1	0	0	2	2	0	0	1	0	55
	15:30	0	36	16	0	1	0	0	1	3	0	0	0	1	0	58
	15:45	0	30	36	0	1	0	0	0	5	1	0	0	2	0	75
	16:00	1	39	31	0	1	0	0	0	5	0	0	0	1	0	78
	16:15	0	37	32	0	2	0	0	0	4	0	0	0	1	0	76
	16:30	0	43	39	0	0	0	0	0	4	0	0	0	0	1	87
	16:45	0	39	39	0	2	0	0	0	5	1	0	0	0	0	86
	17:00	0	59	35	0	0	0	0	0	2	2	0	0	0	1	99
	17:15	0	48	43	1	1	0	0	0	3	1	0	0	0	0	97
	17:30	0	49	29	1	0	2	0	1	4	0	0	0	0	0	86
	17:45	0	42	27	0	1	0	0	0	1	0	0	0	0	0	71
	18:00	0	25	20	0	2	0	0	0	0	0	0	0	0	0	47
	18:15	0	25	15	0	0	0	0	1	4	0	0	0	0	0	45
	18:30	0	23	15	0	1	0	0	0	1	0	0	0	1	1	42
	18:45	0	20	5	1	0	0	0	0	3	0	0	0	0	0	29
	19:00	1	18	8	0	0	0	0	0	1	0	0	0	0	0	28
	19:15	0	16	13	0	0	0	0	0	2	0	0	0	1	0	32
	19:30	0	13	14	0	0	0	0	0	2	1	0	0	0	0	30
	19:45	1	12	8	0	0	0	0	0	1	0	0	0	0	0	22
	20:00	0	15	14	0	1	0	0	0	0	1	0	0	1	0	32
	20:15	1	8	14	0	0	0	0	0	1	0	0	0	0	0	24
	20:30	0	10	4	1	0	0	0	0	1	0	0	0	0	0	16
	20:45	0	10	9	0	0	0	0	0	0	0	0	0	0	0	19
	21:00	0	12	5	0	0	0	0	0	3	0	0	0	0	1	21
	21:15	0	10	5	0	0	0	0	0	1	0	0	0	0	0	16
	21:30	0	3	2	0	0	0	0	2	1	0	0	0	0	0	8
	21:45	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	22:00	0	4	6	0	0	0	0	0	0	0	0	0	0	0	10
	22:15	0	5	2	0	0	0	0	0	1	0	0	0	0	0	8
	22:30	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	22:45	0	3	2	1	0	0	0	0	1	0	0	0	0	0	7
	23:00	0	0	1	0	1	0	0	0	0	0	0	0	1	0	3
	23:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		10	1550	1200	11	39	8	0	8	168	21	0	1	33	14	3063
	Percent :	0%	51%	39%	0%	1%	0%	0%	0%	5%	1%	0%	0%	1%	0%	
	Average :	0	16	13	0	0	0	0	0	2	0	0	0	0	0	31

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
Wed	00:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	1	0	0	0	0	0	1	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	03:45	0	2	1	0	0	0	0	0	1	0	0	0	1	0	5
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	1	1	0	0	0	0	0	0	1	0	0	0	0	3
	04:30	0	3	2	0	0	0	0	0	1	0	0	0	0	0	6
	04:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	05:15	0	1	1	0	0	0	0	0	2	0	0	0	0	0	4
	05:30	0	6	5	0	0	0	0	0	0	0	0	0	0	0	11
	05:45	0	6	7	0	0	0	0	0	0	0	0	0	0	0	13
	06:00	0	5	3	0	1	0	0	0	0	0	0	0	0	0	9
	06:15	0	11	9	0	0	0	0	0	0	0	0	0	0	0	20
	06:30	0	30	24	0	0	0	0	0	2	0	0	1	0	0	57
	06:45	0	30	22	0	1	1	0	0	0	0	0	0	1	0	55
	07:00	0	27	16	0	0	0	0	0	0	0	0	0	0	0	43
	07:15	0	29	19	1	0	0	0	1	3	0	0	0	0	0	53
	07:30	0	52	27	0	0	0	0	0	6	1	0	0	1	1	88
	07:45	0	39	32	1	0	0	0	2	0	0	0	0	0	1	75
	08:00	0	27	30	0	0	1	0	0	2	0	0	0	0	0	60
	08:15	0	17	20	0	0	0	0	0	1	1	0	0	1	0	40
	08:30	0	16	24	1	0	0	0	0	1	0	0	0	0	1	43
	08:45	0	26	22	0	1	0	0	1	3	0	0	0	1	0	54
	09:00	0	17	25	0	1	0	0	0	3	2	1	0	0	0	49
	09:15	0	15	11	0	2	0	0	0	0	0	0	0	1	0	29
	09:30	0	29	12	1	1	0	0	0	5	0	0	0	0	0	48
	09:45	0	15	18	0	2	0	0	1	6	2	0	0	2	0	46
	10:00	0	13	14	0	0	0	0	0	1	0	0	0	2	0	30
	10:15	0	19	14	0	1	1	0	0	2	0	0	0	0	0	37
	10:30	0	18	22	0	3	1	0	0	0	0	0	0	1	0	45
	10:45	0	20	28	0	0	0	0	0	2	2	0	0	1	0	53
	11:00	1	21	20	0	1	1	0	0	4	0	0	0	1	1	50
	11:15	0	18	21	0	0	0	0	0	5	0	0	0	0	1	45
	11:30	0	21	25	0	1	1	0	0	4	0	0	0	1	0	53
	11:45	0	15	16	0	0	1	0	0	2	1	0	0	0	0	35
	12:00	0	20	10	0	1	0	0	0	4	0	0	0	1	0	36
	12:15	0	18	17	0	2	1	0	0	4	0	0	0	2	1	45

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	15	15	0	0	0	0	0	2	0	0	0	4	0	36
Wed	12:45	1	24	19	0	1	1	0	0	2	0	0	0	0	0	48
	13:00	0	30	25	1	0	0	0	0	6	0	0	0	1	1	64
	13:15	0	25	15	0	1	0	0	0	0	1	0	0	0	1	43
	13:30	0	14	28	0	1	0	0	0	3	1	0	0	0	1	48
	13:45	0	36	14	0	0	0	0	0	3	1	0	0	1	0	55
	14:00	0	23	14	1	0	0	0	2	2	0	0	0	0	0	42
	14:15	0	20	16	0	0	0	1	2	2	2	0	0	0	1	44
	14:30	0	20	22	3	0	2	0	1	5	0	0	0	0	3	56
	14:45	0	24	25	0	1	0	0	0	7	1	0	0	1	0	59
	15:00	0	19	35	0	2	0	0	1	7	0	0	0	0	0	64
	15:15	0	33	43	0	0	1	0	0	2	2	0	0	1	0	82
	15:30	0	41	14	0	1	1	0	0	2	0	0	0	2	0	61
	15:45	0	29	33	0	1	0	0	0	3	0	0	0	4	0	70
	16:00	0	47	32	0	0	0	0	1	4	2	0	0	0	0	86
	16:15	2	41	43	1	1	0	1	0	3	1	0	0	3	1	97
	16:30	0	47	46	0	0	0	0	0	4	1	0	0	0	1	99
	16:45	0	55	40	0	2	0	0	0	1	0	0	0	0	3	101
	17:00	0	54	46	0	2	0	0	1	5	0	0	0	2	0	110
	17:15	2	58	48	1	0	0	0	0	4	0	0	0	0	0	113
	17:30	1	45	40	0	0	0	0	0	4	0	0	0	1	1	92
	17:45	0	42	29	0	2	0	0	0	6	0	0	0	0	2	81
	18:00	1	33	23	0	0	0	0	1	3	0	0	0	1	0	62
	18:15	0	25	27	0	2	0	0	0	2	0	0	0	1	0	57
	18:30	0	16	13	0	0	0	0	0	1	0	0	0	1	0	31
	18:45	0	11	11	0	1	0	0	0	2	0	0	0	1	1	27
	19:00	0	12	10	1	0	0	0	0	1	0	0	0	0	0	24
	19:15	0	11	4	0	1	0	0	0	3	0	0	0	0	0	19
	19:30	0	10	8	0	0	0	0	0	1	0	0	0	0	0	19
	19:45	0	10	6	0	0	0	0	0	0	0	0	0	0	0	16
	20:00	1	18	6	0	0	0	0	0	2	0	0	0	0	0	27
	20:15	0	12	7	0	1	1	0	0	2	0	0	0	1	0	24
	20:30	0	13	4	0	0	0	0	0	1	0	0	0	0	0	18
	20:45	0	7	8	1	0	0	0	0	2	0	0	0	0	0	18
	21:00	1	9	5	0	0	0	0	0	2	0	0	0	0	1	18
	21:15	0	12	4	0	0	0	0	0	0	0	0	0	0	0	16
	21:30	0	9	6	0	0	0	0	0	0	0	0	0	0	0	15
	21:45	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
	22:00	0	3	6	0	0	0	0	0	0	0	0	0	0	0	9
	22:15	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
	22:30	0	0	4	0	0	0	0	0	1	0	0	0	0	0	5
	22:45	0	5	4	0	0	0	0	0	1	0	0	0	0	0	10
	23:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	23:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	23:30	0	4	0	0	0	0	0	0	1	0	0	0	0	0	5
	23:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		10	1579	1327	13	38	14	2	15	168	22	1	1	42	23	3255
Percent :		0%	49%	41%	0%	1%	0%	0%	0%	5%	1%	0%	0%	1%	1%	
Average :		0	16	14	0	0	0	0	0	2	0	0	0	0	0	32

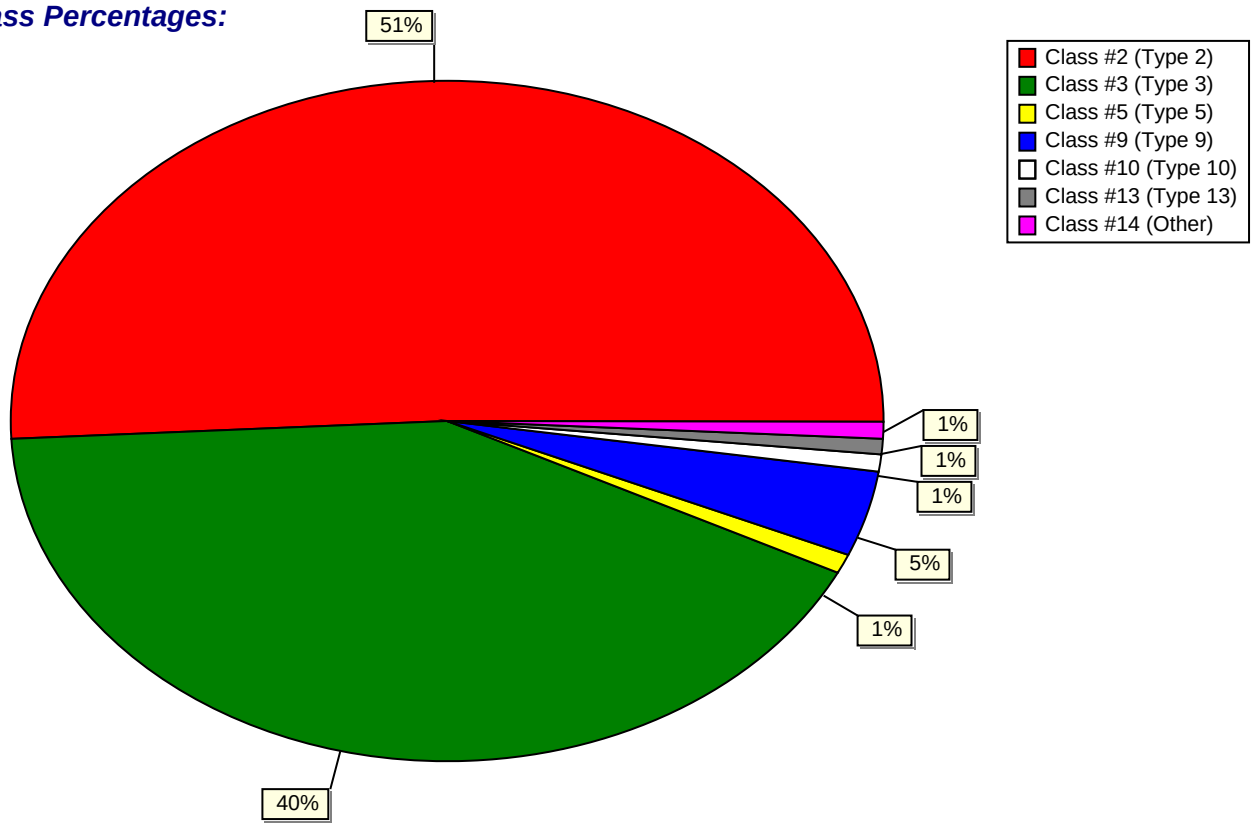
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Thu	00:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	04:30	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	04:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	2	1	0	0	0	0	0	2	0	0	0	0	0	5
	05:15	0	3	2	0	0	0	0	0	1	0	0	0	0	0	6
	05:30	0	6	5	0	0	0	0	0	0	0	0	0	0	0	11
	05:45	0	11	5	0	0	0	0	0	0	0	0	0	0	0	16
	06:00	0	4	3	0	0	0	0	0	1	0	0	0	1	0	9
	06:15	0	12	9	0	0	0	0	0	0	0	0	0	0	0	21
	06:30	0	26	15	0	2	0	0	0	0	0	0	0	0	0	43
	06:45	0	26	19	1	1	0	0	0	0	0	0	0	0	1	48
	07:00	0	28	12	0	0	0	0	0	1	0	0	0	0	0	41
	07:15	0	23	17	0	2	0	0	0	0	0	0	0	0	0	42
	07:30	0	26	30	0	0	0	0	0	0	0	0	0	0	0	56
	07:45	0	39	20	1	0	0	0	0	0	0	0	0	0	0	60
	08:00	0	16	24	0	0	2	0	0	2	0	0	0	0	0	44
	08:15	0	28	18	0	1	0	0	0	2	2	0	0	1	0	52
	08:30	0	20	10	0	0	2	0	0	1	0	0	0	0	0	33
	08:45	0	15	21	0	1	0	0	1	4	0	0	0	0	0	42
	09:00	0	14	13	0	0	0	0	0	0	0	0	0	0	0	27
	09:15	0	11	12	0	3	0	0	0	0	1	0	0	0	1	28
	09:30	0	12	18	0	0	0	0	1	2	2	0	0	0	0	35
	09:45	0	17	15	0	1	0	0	0	0	0	0	0	0	1	34
	10:00	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
Daily Total :		0	361	279	2	11	4	0	2	18	5	0	0	2	3	687
Percent :		0%	53%	41%	0%	2%	1%	0%	0%	3%	1%	0%	0%	0%	0%	
Average :		0	9	7	0	0	0	0	0	0	0	0	0	0	0	16

Basic Axle Class Summary: 2P0000456

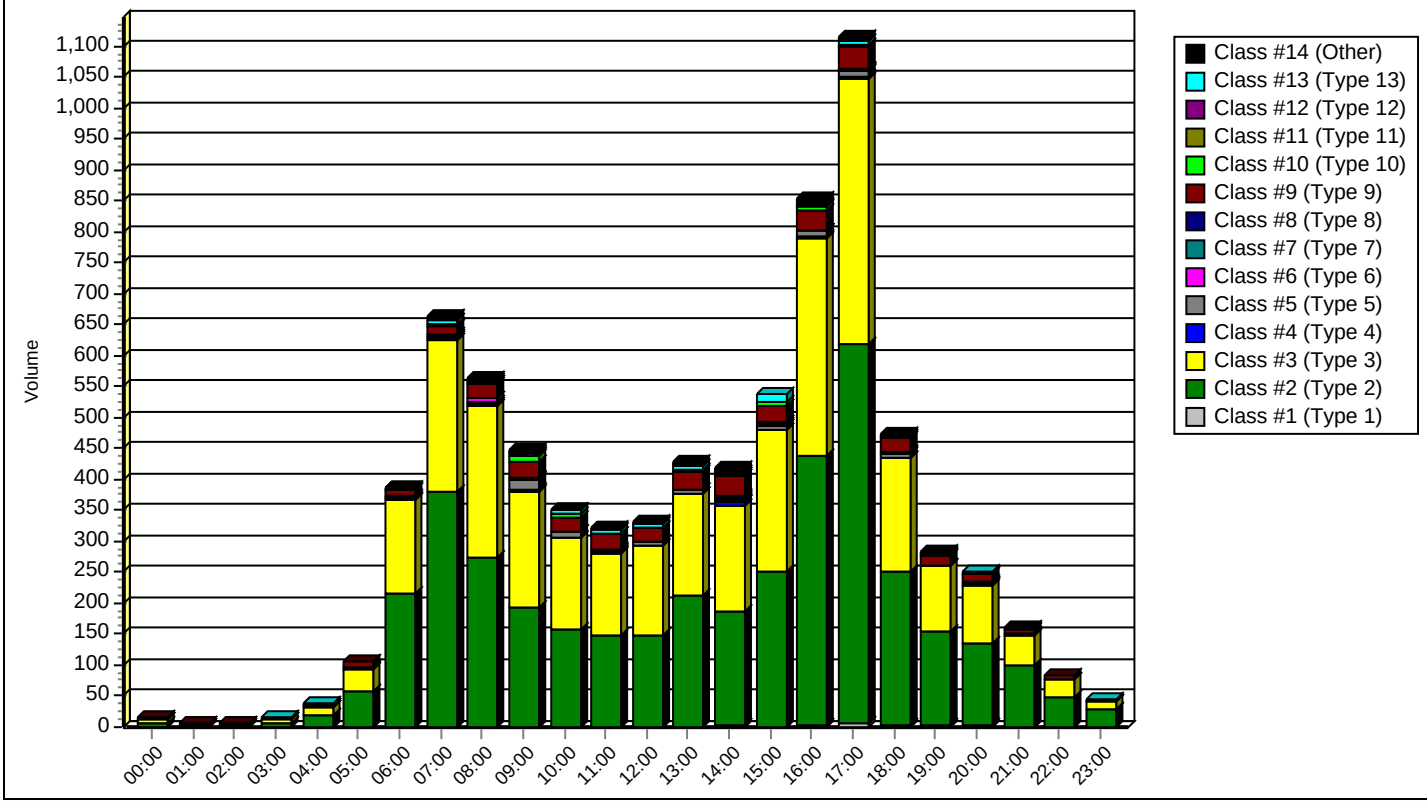
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	24	4015	3131	27	91	26	3	26	376	49	1	2	81	47	7899
		24	4015	3131	27	91	26	3	26	376	49	1	2	81	47	7899
Percents :	#1.	0%	51%	40%	0%	1%	0%	0%	0%	5%	1%	0%	0%	1%	1%	100%
		0%	51%	40%	0%	1%	0%	0%	0%	5%	1%	0%	0%	1%	1%	
Average :	#1.	0	15	12	0	0	0	0	0	1	0	0	0	0	0	28
		0	15	12	0	0	0	0	0	1	0	0	0	0	0	28
Days & ADT :	#1.	2.7	2883													
		2.7	2883													

2P0000456 Axle Class Charts For Data From: 16:30 - 04/11/2011 To: 10:14 - 04/14/2011

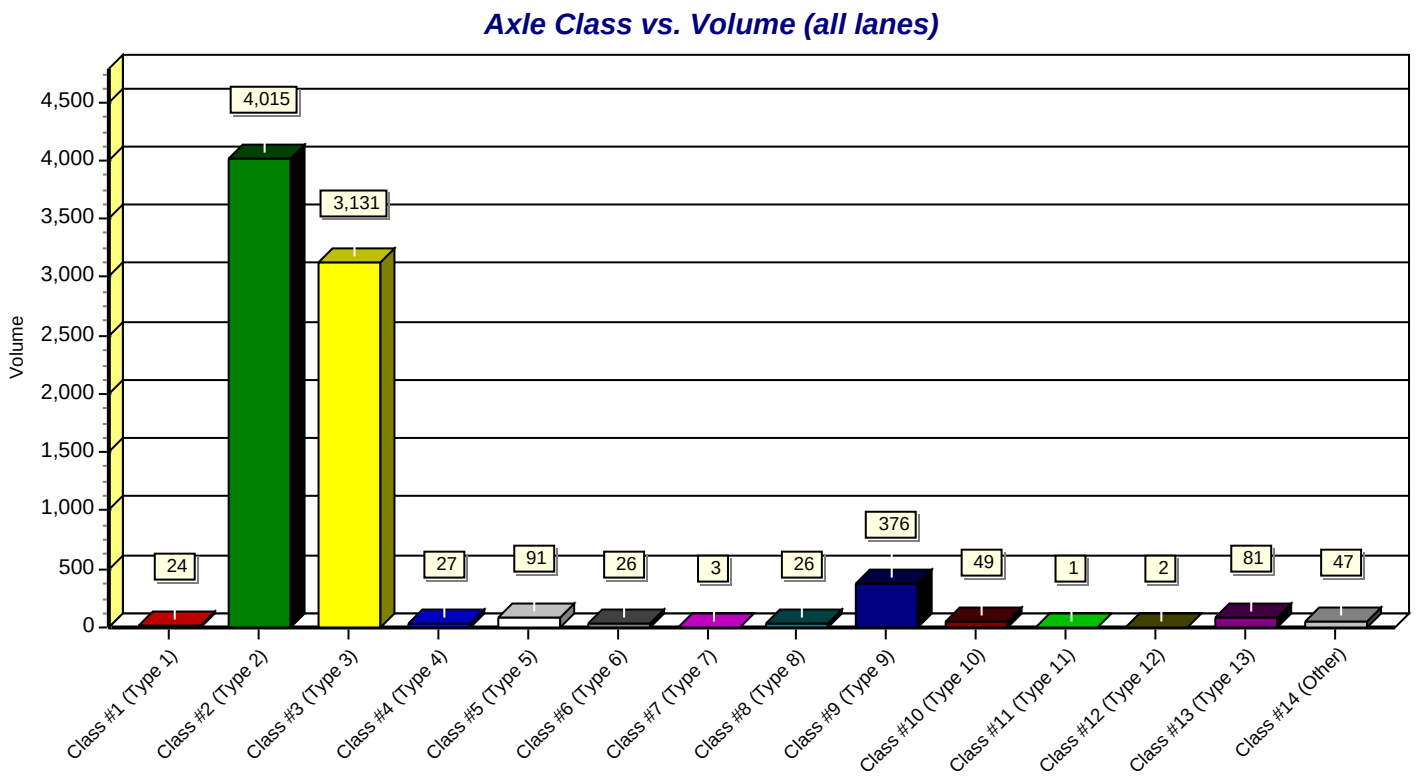
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0000456 Axle Class Charts For Data From: 16:30 - 04/11/2011 To: 10:14 - 04/14/2011



Basic Speed Classification Report: 2P0000456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 16:30 - 04/11/2011 To: 10:14 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	16:30	0	0	0	0	0	0	0	0	0	6	40	25	3	0	0	0	74
Mon	16:45	1	0	0	0	0	0	0	0	0	6	36	21	5	0	0	0	69
	17:00	0	0	0	0	0	0	0	0	0	11	70	31	3	0	0	0	115
	17:15	0	0	0	0	0	0	0	0	0	7	55	35	3	1	0	0	101
	17:30	0	0	0	0	0	0	0	0	2	7	43	29	0	0	0	0	81
	17:45	0	0	0	0	0	0	0	0	1	8	37	19	4	0	0	0	69
	18:00	0	0	0	0	0	0	0	0	1	4	20	16	2	0	0	0	43
	18:15	0	0	0	0	0	0	0	0	0	2	14	13	5	1	0	0	35
	18:30	0	0	0	0	0	0	0	0	0	0	16	9	2	3	0	0	30
	18:45	0	0	0	0	0	0	0	0	0	3	9	9	4	0	0	0	25
	19:00	0	0	0	0	0	0	0	0	0	1	17	6	1	1	1	0	27
	19:15	0	0	0	0	0	0	0	0	0	0	9	3	2	0	0	0	14
	19:30	0	0	0	0	0	0	0	0	0	0	20	8	1	0	0	0	29
	19:45	0	0	0	0	0	0	0	0	0	1	15	6	0	0	0	0	22
	20:00	0	0	0	0	0	0	0	0	0	0	9	10	2	0	0	0	21
	20:15	0	0	0	0	0	0	0	0	1	4	14	5	2	0	0	0	26
	20:30	0	0	0	0	0	0	0	0	1	1	6	4	0	0	0	0	12
	20:45	0	0	0	0	0	0	0	0	0	2	9	0	0	2	0	0	13
	21:00	0	0	0	0	0	0	0	0	0	3	8	2	0	0	0	0	13
	21:15	0	0	0	0	0	0	0	0	0	1	6	7	1	0	0	0	15
	21:30	0	0	0	0	0	0	0	0	0	2	6	4	0	0	0	0	12
	21:45	0	0	0	0	0	0	0	0	0	2	8	0	0	0	0	0	10
	22:00	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	9
	22:15	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	6
	22:30	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	5
	22:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	6
	23:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	0	7
Daily Total :		1	0	0	0	0	0	0	0	6	75	493	270	40	8	1	0	894
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	8%	55%	30%	4%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	3	16	9	1	0	0	0	28

Speeds - Average: 69.0 50% : 68.7 67% : 70.6 85% : 73.3 10mph Pace: 65.0 - 74.9 (85.3%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
Tue	00:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	04:45	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	4
	05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	05:30	0	0	0	0	0	0	0	0	0	1	6	4	2	0	0	0	13
	05:45	0	0	0	0	0	0	0	0	0	1	10	8	0	0	0	0	19
	06:00	0	0	0	0	0	0	0	1	0	4	14	1	0	0	0	0	20
	06:15	0	0	0	0	0	0	0	0	0	2	11	8	0	1	0	0	22
	06:30	0	0	0	0	0	0	0	0	0	2	23	15	0	0	0	0	40
	06:45	0	0	0	0	0	0	0	0	0	2	17	21	3	0	0	0	43
	07:00	0	0	0	0	0	0	0	0	0	5	11	22	3	2	0	0	43
	07:15	0	0	0	0	0	0	0	0	0	4	30	10	0	0	0	0	44
	07:30	0	0	0	0	0	0	0	0	1	6	33	16	0	0	0	0	56
	07:45	0	0	0	0	0	0	0	0	0	2	34	23	3	0	0	0	62
	08:00	0	0	0	0	0	0	0	0	0	3	27	17	1	0	0	0	48
	08:15	0	0	0	0	0	0	0	0	0	12	24	11	3	0	0	0	50
	08:30	0	0	0	0	0	0	0	0	0	7	31	16	6	0	0	0	60
	08:45	0	0	0	0	0	0	0	0	0	5	22	9	2	0	0	0	38
	09:00	0	0	0	0	0	0	0	0	0	3	14	14	1	0	0	0	32
	09:15	0	0	0	0	0	0	0	0	0	5	23	11	4	0	0	0	43
	09:30	0	0	0	0	0	0	0	0	0	1	19	11	2	0	0	0	33
	09:45	0	0	0	0	0	0	0	0	0	3	25	15	1	0	0	0	44
	10:00	0	0	0	0	0	0	0	0	3	21	33	20	4	1	0	0	82
	10:15	0	0	0	0	0	0	0	0	0	1	17	18	1	0	0	0	37
	10:30	0	0	0	0	0	0	0	0	0	2	11	12	3	0	0	0	28
	10:45	0	0	0	0	0	0	0	0	0	1	10	13	5	1	0	0	30
	11:00	0	0	0	0	0	0	0	0	0	7	8	13	0	0	0	0	28
	11:15	0	0	0	0	0	0	0	0	0	6	15	14	3	0	0	0	38
	11:30	0	0	0	0	0	0	0	0	0	3	16	15	2	1	0	0	37
	11:45	0	0	0	0	0	0	0	0	0	3	14	12	6	1	0	0	36
	12:00	0	0	0	0	0	0	0	0	1	4	17	14	4	1	0	0	41
	12:15	0	0	0	0	0	0	0	0	0	4	24	13	4	0	1	0	46

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	0	1	12	19	3	2	0	0	37
Tue	12:45	0	0	0	0	0	0	0	0	0	1	17	18	6	0	0	0	42
	13:00	0	0	0	0	0	0	0	0	0	2	29	21	1	0	0	0	53
	13:15	0	0	0	0	0	0	0	0	0	4	24	20	4	0	0	0	52
	13:30	0	0	0	0	0	0	0	0	0	5	25	20	3	4	0	0	57
	13:45	0	0	0	0	0	0	0	0	1	6	23	20	4	1	0	0	55
	14:00	0	0	0	0	0	0	0	0	0	4	26	18	5	0	0	0	53
	14:15	0	0	0	0	0	0	0	0	0	3	19	21	0	0	2	0	45
	14:30	0	0	0	0	0	0	0	0	0	8	25	25	2	0	1	0	61
	14:45	0	0	0	0	0	0	0	0	0	3	26	22	5	1	1	0	58
	15:00	0	0	0	0	0	0	0	2	3	5	29	24	5	0	4	0	72
	15:15	0	0	0	0	0	0	0	0	0	4	30	18	3	0	0	0	55
	15:30	0	0	0	0	0	0	0	0	0	1	26	27	4	0	0	0	58
	15:45	0	0	0	0	0	0	0	0	0	3	38	25	7	2	0	0	75
	16:00	0	0	0	0	0	0	0	0	0	4	31	37	6	0	0	0	78
	16:15	0	0	0	0	0	0	0	0	0	8	34	32	2	0	0	0	76
	16:30	0	0	0	0	0	0	0	0	0	5	38	39	4	0	1	0	87
	16:45	0	0	0	0	0	0	0	0	0	4	24	50	8	0	0	0	86
	17:00	0	0	0	0	0	0	0	0	0	3	43	45	8	0	0	0	99
	17:15	0	0	0	0	0	0	0	0	0	2	27	58	10	0	0	0	97
	17:30	0	0	0	0	0	0	0	0	1	2	24	53	5	1	0	0	86
	17:45	0	0	0	0	0	0	0	0	0	1	13	42	13	1	1	0	71
	18:00	0	0	0	0	0	0	0	0	0	0	11	30	6	0	0	0	47
	18:15	0	0	0	0	0	0	0	0	0	4	20	16	4	1	0	0	45
	18:30	0	0	0	0	0	0	0	0	0	1	19	17	4	1	0	0	42
	18:45	0	0	0	0	0	0	0	0	0	1	9	12	6	1	0	0	29
	19:00	0	0	0	0	0	0	0	0	0	1	9	12	5	0	1	0	28
	19:15	0	0	0	0	0	0	0	0	0	3	15	10	2	1	1	0	32
	19:30	0	0	0	0	0	0	0	0	0	3	13	11	0	2	1	0	30
	19:45	0	0	0	0	0	0	0	0	0	0	15	6	0	1	0	0	22
	20:00	0	0	0	0	0	0	0	0	0	4	7	17	3	1	0	0	32
	20:15	0	0	0	0	0	0	0	0	0	1	12	8	3	0	0	0	24
	20:30	0	0	0	0	0	0	0	0	1	6	8	1	0	0	0	0	16
	20:45	0	0	0	0	0	0	0	0	0	3	9	5	1	1	0	0	19
	21:00	0	0	0	0	0	0	0	0	0	2	13	5	1	0	0	0	21
	21:15	0	0	0	0	0	0	0	0	0	1	8	5	2	0	0	0	16
	21:30	0	0	0	0	0	0	0	0	0	2	5	0	1	0	0	0	8
	21:45	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	7
	22:00	0	0	0	0	0	0	0	0	0	0	3	5	2	0	0	0	10
	22:15	0	0	0	0	0	0	0	0	0	1	4	3	0	0	0	0	8
	22:30	0	0	0	0	0	0	0	0	0	1	1	3	2	0	0	0	7
	22:45	0	0	0	0	0	0	0	0	0	1	2	4	0	0	0	0	7
	23:00	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	23:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	0	0	0	0	0	0	3	13	241	1329	1218	216	29	14	0	3063
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	43%	40%	7%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	3	14	13	2	0	0	0	29

Speeds - Average: 70.1 50% : 69.8 67% : 72.0 85% : 74.2 10mph Pace: 65.0 - 74.9 (83.2%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	1	0	0	2	0	1	0	0	0	4
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	5
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
	04:30	0	0	0	0	0	0	0	0	0	0	2	2	1	0	1	0	6
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	05:15	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	05:30	0	0	0	0	0	0	0	0	0	0	3	5	3	0	0	0	11
	05:45	0	0	0	0	0	0	0	0	0	1	5	5	1	0	1	0	13
	06:00	0	0	0	0	0	0	0	0	0	1	4	3	1	0	0	0	9
	06:15	0	0	0	0	0	0	0	0	0	0	8	12	0	0	0	0	20
	06:30	0	0	0	0	0	0	0	1	0	0	12	34	9	1	0	0	57
	06:45	0	0	0	0	0	0	0	0	0	0	17	32	6	0	0	0	55
	07:00	0	0	0	0	0	0	0	0	0	0	10	32	1	0	0	0	43
	07:15	0	0	0	0	0	0	0	0	0	1	27	21	4	0	0	0	53
	07:30	0	0	0	0	0	0	0	0	0	7	40	40	1	0	0	0	88
	07:45	0	0	0	0	0	0	0	0	0	3	25	36	9	2	0	0	75
	08:00	0	0	0	0	0	0	0	0	0	1	26	29	4	0	0	0	60
	08:15	0	0	0	0	0	0	0	0	0	2	17	17	3	1	0	0	40
	08:30	0	0	0	0	0	0	0	0	0	0	21	15	5	1	1	0	43
	08:45	0	0	0	0	0	0	0	0	0	1	18	30	5	0	0	0	54
	09:00	0	0	0	0	0	0	0	0	1	2	24	17	4	1	0	0	49
	09:15	0	0	0	0	0	0	0	0	0	5	14	8	1	1	0	0	29
	09:30	0	0	0	0	0	0	0	0	0	6	21	17	3	0	1	0	48
	09:45	0	0	0	0	0	0	0	0	1	7	20	16	1	1	0	0	46
	10:00	0	0	0	0	0	0	0	0	0	3	17	7	3	0	0	0	30
	10:15	0	0	0	0	0	0	0	0	0	3	15	15	3	1	0	0	37
	10:30	0	0	0	0	0	0	0	0	0	3	22	15	5	0	0	0	45
	10:45	0	0	0	0	0	0	0	0	0	2	25	22	4	0	0	0	53
	11:00	0	0	0	0	0	0	0	0	0	5	22	20	3	0	0	0	50
	11:15	0	0	0	0	0	0	0	0	1	2	17	20	3	2	0	0	45
	11:30	0	0	0	0	0	0	0	0	0	5	28	17	3	0	0	0	53
	11:45	0	0	0	0	0	0	0	0	1	3	12	15	4	0	0	0	35
	12:00	0	0	0	0	0	0	0	0	0	0	21	13	2	0	0	0	36
	12:15	0	0	0	0	0	0	0	0	0	2	18	20	5	0	0	0	45

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	6	18	9	2	1	0	0	36
Wed	12:45	0	0	0	0	0	0	0	0	0	2	28	17	1	0	0	0	48
	13:00	0	0	0	0	0	0	0	0	0	7	35	20	2	0	0	0	64
	13:15	0	0	0	0	0	0	0	0	0	4	22	11	6	0	0	0	43
	13:30	0	0	0	0	0	0	0	0	0	2	22	24	0	0	0	0	48
	13:45	0	0	0	0	0	0	0	0	0	0	33	17	3	2	0	0	55
	14:00	0	0	0	0	0	0	0	0	0	4	16	21	1	0	0	0	42
	14:15	0	0	0	0	0	0	0	0	1	2	24	10	6	1	0	0	44
	14:30	0	0	0	0	0	0	0	0	3	1	31	17	3	0	1	0	56
	14:45	0	0	0	0	0	0	0	0	3	2	25	21	8	0	0	0	59
	15:00	0	0	0	0	0	0	0	0	0	5	37	17	5	0	0	0	64
	15:15	0	0	0	0	0	0	0	0	0	6	42	31	3	0	0	0	82
	15:30	0	0	0	0	0	0	0	0	0	2	27	27	3	2	0	0	61
	15:45	0	0	0	0	0	0	0	0	0	12	24	30	4	0	0	0	70
	16:00	0	0	0	0	0	0	0	0	0	5	38	37	5	1	0	0	86
	16:15	0	0	0	0	0	0	0	0	1	2	42	45	6	1	0	0	97
	16:30	0	0	0	0	0	0	0	0	1	4	36	51	5	2	0	0	99
	16:45	0	0	0	0	0	0	0	0	0	8	44	43	5	1	0	0	101
	17:00	0	0	0	0	0	0	0	0	1	3	50	48	7	1	0	0	110
	17:15	0	0	0	0	0	0	0	0	0	8	49	50	5	1	0	0	113
	17:30	1	0	0	0	0	0	0	0	0	10	36	41	4	0	0	0	92
	17:45	0	0	0	0	0	0	0	0	1	2	34	35	8	1	0	0	81
	18:00	0	0	0	0	0	0	0	0	0	1	31	27	3	0	0	0	62
	18:15	0	0	0	0	0	0	0	0	0	1	29	26	1	0	0	0	57
	18:30	0	0	0	0	0	0	0	0	0	1	12	14	4	0	0	0	31
	18:45	0	0	0	0	0	0	0	0	0	2	14	9	2	0	0	0	27
	19:00	0	0	0	0	0	0	0	0	0	0	14	8	2	0	0	0	24
	19:15	0	0	0	0	0	0	0	0	0	2	10	6	1	0	0	0	19
	19:30	0	0	0	0	0	0	0	0	0	1	8	8	1	1	0	0	19
	19:45	0	0	0	0	0	0	0	0	0	0	10	6	0	0	0	0	16
	20:00	0	0	0	0	0	0	0	0	0	1	10	11	5	0	0	0	27
	20:15	0	0	0	0	0	0	0	0	0	5	14	5	0	0	0	0	24
	20:30	0	0	0	0	0	0	0	0	0	3	14	1	0	0	0	0	18
	20:45	0	0	0	0	0	0	0	0	1	4	10	3	0	0	0	0	18
	21:00	0	0	0	0	0	0	0	0	2	1	15	0	0	0	0	0	18
	21:15	0	0	0	0	0	0	0	0	3	1	8	4	0	0	0	0	16
	21:30	0	0	0	0	0	0	0	0	0	0	8	7	0	0	0	0	15
	21:45	0	0	0	0	0	0	0	0	0	1	5	3	0	0	0	0	9
	22:00	0	0	0	0	0	0	0	0	1	1	3	3	1	0	0	0	9
	22:15	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	6
	22:30	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	5
	22:45	0	0	0	0	0	0	0	0	0	2	4	4	0	0	0	0	10
	23:00	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	0	5
	23:15	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	23:30	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	5
	23:45	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	3

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	0	0	0	0	0	3	22	193	1476	1315	214	26	5	0	3255
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	45%	40%	7%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	2	15	14	2	0	0	0	32

Speeds - Average: 70.0 50% : 69.8 67% : 72.0 85% : 74.1 10mph Pace: 65.0 - 74.9 (85.7%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	0	7
	04:30	0	0	0	0	0	0	0	0	0	0	1	3	0	0	1	0	5
	04:45	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	1	2	0	2	0	0	0	5
	05:15	0	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	6
	05:30	0	0	0	0	0	0	0	0	0	0	2	6	2	1	0	0	11
	05:45	0	0	0	0	0	0	0	0	0	1	7	5	1	2	0	0	16
	06:00	0	0	0	0	0	0	0	0	0	1	2	5	1	0	0	0	9
	06:15	0	0	0	0	0	0	0	0	0	0	11	9	1	0	0	0	21
	06:30	0	0	0	0	0	0	0	0	0	0	10	28	5	0	0	0	43
	06:45	0	0	0	0	0	0	0	0	0	0	14	29	5	0	0	0	48
	07:00	0	0	0	0	0	0	0	0	0	0	11	25	4	1	0	0	41
	07:15	0	0	0	0	0	0	0	0	0	0	12	26	4	0	0	0	42
	07:30	0	0	0	0	0	0	0	0	0	0	21	31	4	0	0	0	56
	07:45	0	0	0	0	0	0	0	0	0	0	23	29	7	1	0	0	60
	08:00	0	0	0	0	0	0	0	0	0	5	19	17	3	0	0	0	44
	08:15	0	0	0	0	0	0	0	0	0	6	20	23	2	1	0	0	52
	08:30	0	0	0	0	0	0	0	0	0	0	12	20	1	0	0	0	33
	08:45	0	0	0	0	0	0	0	0	0	0	15	21	5	1	0	0	42
	09:00	0	0	0	0	0	0	0	0	0	1	9	13	4	0	0	0	27
	09:15	0	0	0	0	0	0	0	0	0	3	9	14	2	0	0	0	28
	09:30	0	0	0	0	0	0	0	0	0	2	12	19	2	0	0	0	35
	09:45	0	0	0	0	0	0	0	0	0	2	14	12	6	0	0	0	34
	10:00	0	0	0	0	0	0	0	1	0	3	3	1	1	0	0	0	9
Daily Total :		0	0	0	0	0	0	0	1	1	26	237	350	64	7	1	0	687
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	34%	51%	9%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	6	9	2	0	0	0	33

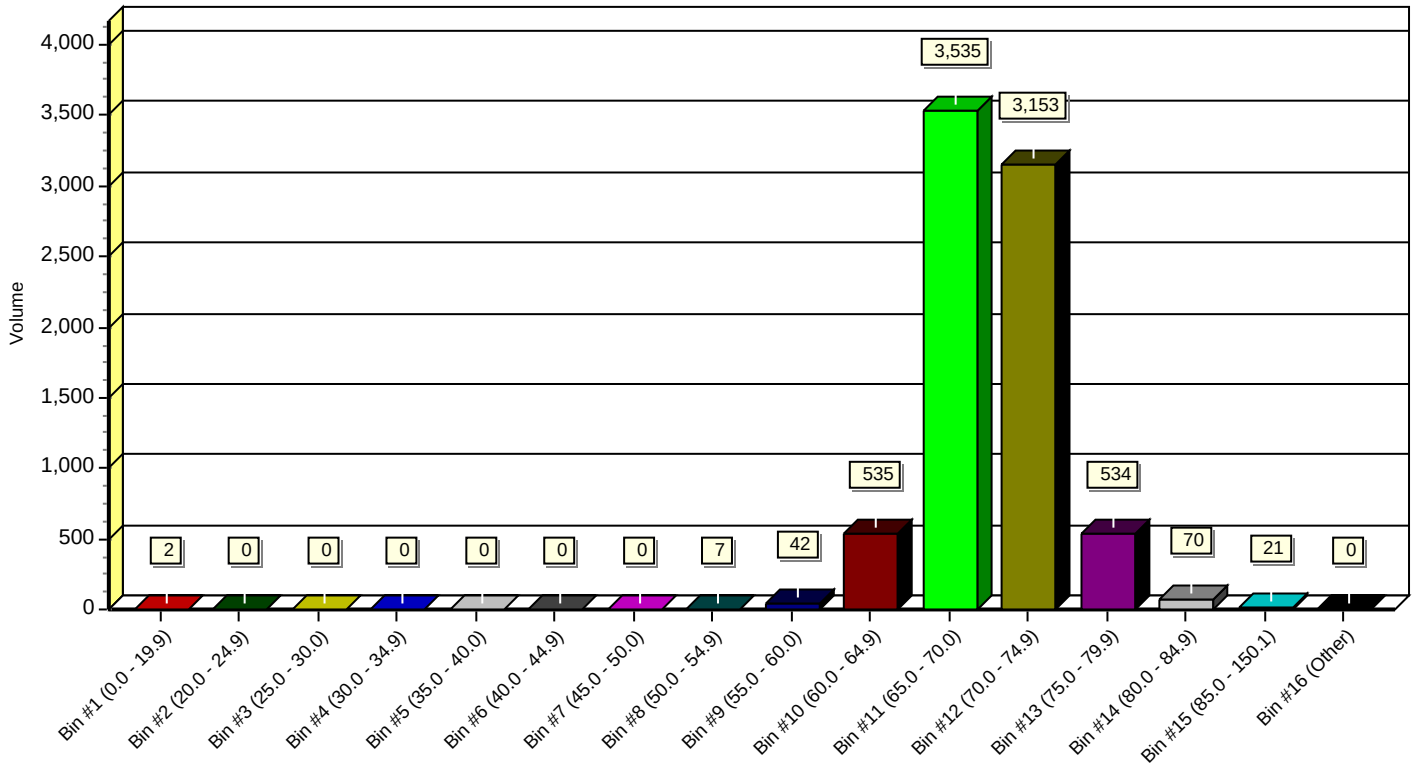
Speeds - Average: 71.0 50% : 71.3 67% : 72.8 85% : 74.5 10mph Pace: 65.0 - 74.9 (85.4%)

Basic Speed Class Summary: 2P0000456

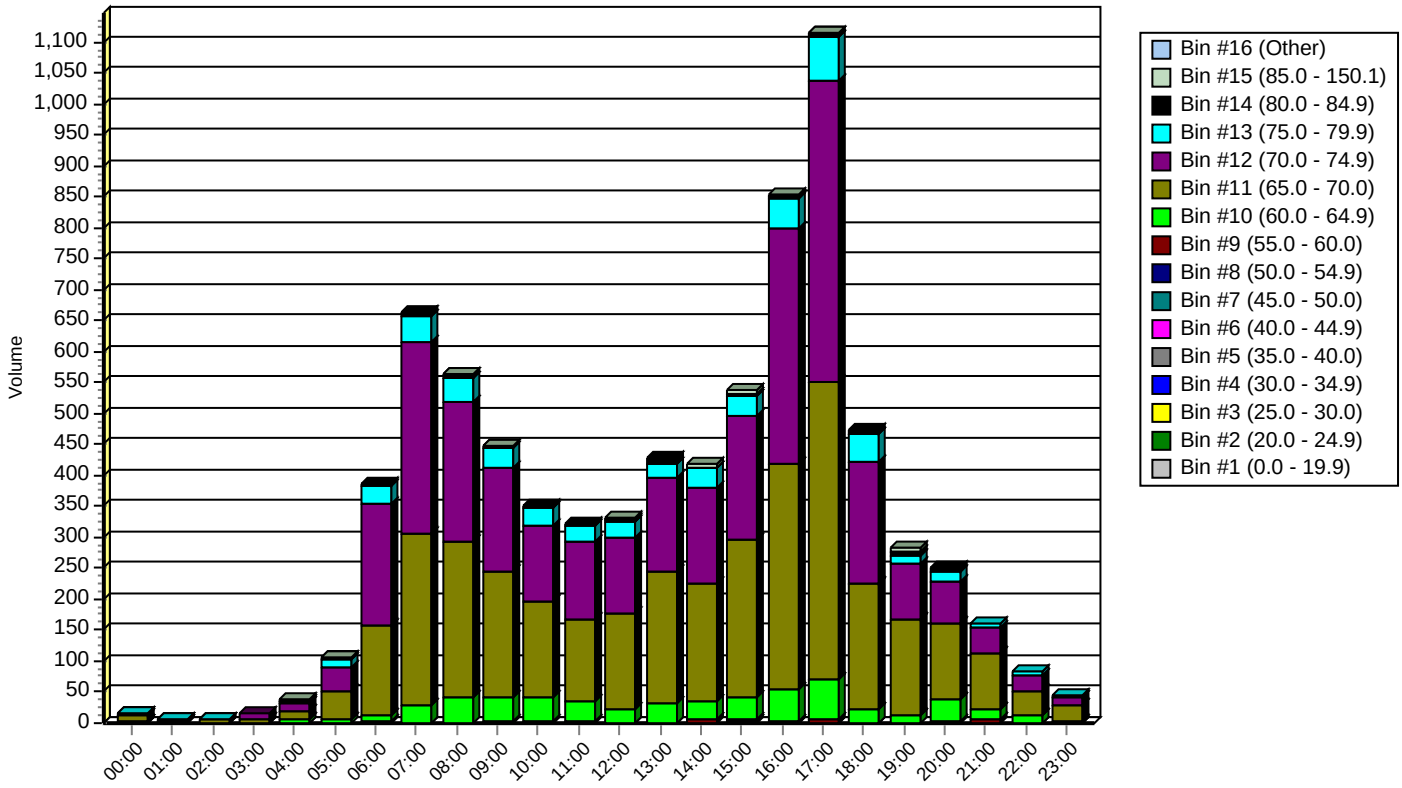
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	2	0	0	0	0	0	0	7	42	535	3535	3153	534	70	21	0	7899
		2	0	0	0	0	0	0	7	42	535	3535	3153	534	70	21	0	7899
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	1%	7%	45%	40%	7%	1%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	1%	7%	45%	40%	7%	1%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	2	13	12	2	0	0	0	29
		0	0	0	0	0	0	0	0	0	2	13	12	2	0	0	0	29
Days & ADT :	#1.	2.7	2883															
		2.7	2883															
Avg,50,67,85%:	#1.	70.0	69.8	72.0	74.1	65.0	- 74.9	85%										
		70.0	69.8	72.0	74.1	65.0	- 74.9	85%										

2P0000456 Speed Class Charts For Data From: 16:30 - 04/11/2011 To: 10:14 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0000456

Station ID : 4D0000456
Info Line 1 : WB DRIVE
Info Line 2 :
GPS Lat/Lon :
DB File : 4D000456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11437
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 17:00 - 04/11/2011 To: 10:14 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	17:00	2	88	51	2	1	5	0	2	5	1	0	0	0	0	157
Mon	17:15	3	91	59	0	1	2	0	1	9	2	0	0	3	0	171
	17:30	0	76	49	0	0	0	0	0	8	1	0	0	0	2	136
	17:45	0	65	46	0	0	2	0	0	1	4	0	0	0	0	118
	18:00	2	66	31	0	1	0	0	2	2	1	0	0	0	1	106
	18:15	0	62	32	0	1	1	0	1	5	0	0	0	1	0	103
	18:30	0	39	33	2	2	0	0	0	1	1	0	0	1	0	79
	18:45	0	45	31	0	1	0	0	1	8	0	0	0	0	0	86
	19:00	1	38	22	0	0	0	0	0	8	0	0	0	1	0	70
	19:15	0	53	25	0	1	0	0	1	5	0	0	1	1	0	87
	19:30	1	34	29	0	2	0	0	1	2	0	0	0	1	0	70
	19:45	0	31	16	1	1	0	0	0	2	1	0	0	2	0	54
	20:00	0	27	19	0	0	0	0	0	10	0	0	1	0	2	59
	20:15	0	28	22	0	0	0	0	1	4	2	0	2	1	0	60
	20:30	0	33	19	0	0	0	0	2	2	1	1	0	1	0	59
	20:45	0	30	12	0	0	1	0	0	0	0	1	0	0	0	44
	21:00	0	20	16	1	0	0	0	1	4	1	0	1	1	0	45
	21:15	0	31	11	0	1	0	0	1	6	1	0	0	1	0	52
	21:30	0	22	9	0	0	1	0	0	4	0	0	1	0	0	37
	21:45	0	23	6	1	0	0	0	1	6	0	0	1	0	2	40
	22:00	0	18	6	0	0	0	0	1	9	0	0	0	0	1	35
	22:15	0	19	13	1	0	1	0	0	4	1	0	0	1	0	40
	22:30	0	21	6	0	0	0	0	0	0	0	0	0	0	1	28
	22:45	0	12	8	0	0	0	0	0	2	0	0	0	0	0	22
	23:00	0	17	5	0	1	0	0	0	2	0	0	0	0	0	25
	23:15	0	11	10	0	0	0	0	0	1	1	0	0	0	0	23
	23:30	0	12	17	1	1	0	0	2	2	0	0	0	1	0	36
	23:45	0	9	8	0	1	0	0	1	3	0	0	0	0	0	22
Daily Total :		9	1021	611	9	15	13	0	19	115	18	2	7	16	9	1864
Percent :		0%	55%	33%	0%	1%	1%	0%	1%	6%	1%	0%	0%	1%	0%	
Average :		0	36	22	0	1	0	0	1	4	1	0	0	1	0	66

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	1	8	9	0	1	0	0	0	5	0	1	0	0	0	25
Tue	00:15	0	8	7	0	0	1	0	0	1	0	1	0	2	0	20
	00:30	0	7	3	0	0	0	0	0	2	1	0	0	1	0	14
	00:45	0	7	2	0	0	0	0	0	4	0	0	0	1	0	14
	01:00	0	2	4	0	1	0	0	0	3	0	0	0	0	0	10
	01:15	0	5	1	0	0	0	0	0	1	1	0	0	0	0	8
	01:30	0	7	3	0	0	0	0	0	4	0	0	0	0	0	14
	01:45	0	3	4	0	0	0	0	0	2	0	0	0	0	0	9
	02:00	0	4	2	0	0	0	0	1	3	0	0	0	0	1	11
	02:15	0	5	5	0	0	0	0	1	3	0	0	0	1	0	15
	02:30	0	5	0	0	0	0	0	0	0	0	0	0	1	0	6
	02:45	0	2	1	1	0	0	0	1	3	0	0	0	1	0	9
	03:00	0	1	2	0	1	0	0	0	5	0	0	0	0	0	9
	03:15	0	3	2	0	0	0	0	0	2	0	0	0	0	0	7
	03:30	0	1	1	0	0	0	0	0	0	0	0	0	0	2	4
	03:45	0	5	1	0	0	0	0	0	2	0	0	0	0	1	9
	04:00	0	13	7	0	0	0	0	0	2	0	0	0	1	0	23
	04:15	0	7	7	0	0	0	0	0	4	1	0	0	1	0	20
	04:30	0	10	8	2	2	0	0	0	5	0	0	0	1	2	30
	04:45	0	7	8	1	0	0	0	0	2	1	0	0	0	0	19
	05:00	0	15	5	1	0	0	0	0	3	1	0	1	1	2	29
	05:15	0	15	13	0	0	1	0	0	7	0	0	0	3	1	40
	05:30	0	22	13	1	0	2	0	1	3	0	0	0	7	0	49
	05:45	0	38	14	0	1	0	0	0	4	3	0	0	1	1	62
	06:00	0	23	22	1	2	0	0	0	6	0	0	0	1	0	55
	06:15	1	33	30	0	0	1	0	0	9	0	0	0	0	0	74
	06:30	0	49	38	0	2	0	0	1	8	0	0	0	3	0	101
	06:45	0	64	39	0	4	1	0	2	8	0	0	0	5	0	123
	07:00	1	63	43	0	3	0	0	1	8	1	0	0	2	1	123
	07:15	0	73	53	2	2	1	0	0	5	1	0	0	0	0	137
	07:30	2	93	78	0	1	1	0	1	6	3	1	1	4	3	194
	07:45	1	103	63	3	0	3	0	1	14	2	0	0	2	0	192
	08:00	0	57	44	2	6	3	0	0	9	3	0	0	3	1	128
	08:15	1	58	52	0	2	2	0	2	13	0	0	0	5	0	135
	08:30	0	52	51	1	3	1	0	2	4	0	0	0	1	1	116
	08:45	0	72	45	0	4	1	0	1	10	2	0	0	3	2	140
	09:00	0	46	45	0	0	2	0	2	15	1	0	1	5	0	117
	09:15	1	42	40	0	2	0	0	2	13	1	0	0	3	1	105
	09:30	0	53	41	1	2	2	0	2	10	2	0	0	4	0	117
	09:45	0	41	31	0	1	0	0	4	16	1	0	0	4	0	98
	10:00	0	53	53	0	1	2	0	1	6	0	0	0	1	1	118
	10:15	0	63	43	1	3	3	0	0	9	1	0	0	2	2	127
	10:30	0	47	44	0	0	1	0	1	12	4	0	0	4	0	113
	10:45	0	45	44	0	0	3	0	0	8	2	0	0	2	2	106
	11:00	0	57	49	0	4	0	0	2	11	0	0	0	1	0	124
	11:15	0	57	45	1	5	3	1	1	12	1	0	1	2	0	129
	11:30	0	60	49	1	1	5	0	3	7	2	0	0	2	0	130
	11:45	0	57	48	0	2	2	0	1	7	1	0	0	3	1	122
	12:00	0	64	38	1	1	2	0	1	10	1	0	0	3	2	123
	12:15	0	50	48	1	6	1	0	3	7	1	0	0	0	0	117

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	64	38	0	4	0	0	3	9	6	0	1	3	1	129
Tue	12:45	0	51	45	0	3	1	0	2	9	0	0	0	4	1	116
	13:00	1	40	41	1	1	2	0	1	11	1	0	0	3	0	102
	13:15	0	36	38	0	1	2	0	2	15	1	0	0	2	0	97
	13:30	0	57	36	1	0	3	0	3	9	1	0	0	1	0	111
	13:45	0	51	43	1	2	2	0	0	12	1	0	0	2	3	117
	14:00	0	44	47	1	6	1	0	1	8	3	0	0	2	1	114
	14:15	0	56	45	1	3	1	0	1	12	0	0	0	3	0	122
	14:30	0	64	38	2	2	3	0	2	13	1	0	0	2	1	128
	14:45	0	53	43	2	1	1	0	3	7	4	0	0	2	1	117
	15:00	0	56	41	1	0	5	0	2	10	3	1	0	4	0	123
	15:15	0	49	44	1	1	2	0	1	8	1	0	0	2	0	109
	15:30	0	64	73	0	2	2	1	1	11	4	0	0	0	1	159
	15:45	1	70	39	1	1	1	0	1	9	1	0	0	1	1	126
	16:00	0	84	49	1	0	4	0	2	8	4	0	0	0	0	152
	16:15	0	77	46	1	2	2	0	0	9	1	0	0	1	1	140
	16:30	1	78	57	3	1	2	0	0	7	1	0	2	3	0	155
	16:45	0	89	64	0	0	1	0	2	8	2	0	0	3	0	169
	17:00	0	98	69	0	1	1	0	1	9	2	0	0	1	0	182
	17:15	0	82	51	0	2	0	1	1	8	2	0	0	4	0	151
	17:30	1	95	58	2	2	3	1	1	4	2	0	0	0	0	169
	17:45	0	63	57	0	1	2	0	0	5	0	0	0	3	0	131
	18:00	1	73	44	0	2	0	0	1	5	3	0	0	0	0	129
	18:15	0	56	41	0	0	0	0	0	12	0	0	1	1	0	111
	18:30	1	56	46	0	1	0	0	0	6	3	0	0	2	1	116
	18:45	0	52	30	0	1	2	0	0	5	1	0	0	1	0	92
	19:00	0	42	33	0	0	1	0	0	8	1	0	0	1	0	86
	19:15	0	50	30	0	1	0	0	2	5	2	0	0	1	0	91
	19:30	0	43	28	2	0	0	1	0	5	1	0	0	4	0	84
	19:45	0	36	21	0	1	0	0	0	7	0	0	0	2	1	68
	20:00	0	39	23	2	0	0	0	1	6	1	0	0	0	0	72
	20:15	0	51	32	2	1	0	0	2	3	1	0	0	1	1	94
	20:30	0	49	25	1	0	0	0	1	6	1	0	0	1	0	84
	20:45	1	25	19	0	1	0	0	0	6	1	0	0	1	1	55
	21:00	0	21	15	0	0	0	0	1	6	0	1	0	0	0	44
	21:15	0	26	18	0	0	0	0	2	4	1	0	0	0	0	51
	21:30	0	19	18	0	0	0	0	1	0	0	0	2	2	0	42
	21:45	0	23	8	0	0	0	0	0	2	0	0	0	0	0	33
	22:00	0	19	8	0	0	0	0	0	7	0	0	0	1	0	35
	22:15	0	19	14	1	1	0	0	0	4	0	0	0	0	0	39
	22:30	0	22	7	0	2	0	0	0	4	0	0	1	0	0	36
	22:45	1	10	9	0	0	0	0	0	3	0	0	0	1	0	24
	23:00	0	14	4	0	0	0	0	0	4	0	0	0	2	0	24
	23:15	1	11	8	0	1	0	0	0	1	0	0	0	1	0	23
	23:30	0	9	6	0	0	0	0	0	4	0	0	0	1	0	20
	23:45	0	14	5	1	0	0	0	0	1	1	1	0	0	0	23
Daily Total :		17	3875	2852	49	111	88	5	79	628	96	6	11	156	42	8015
	Percent :	0%	48%	36%	1%	1%	1%	0%	1%	8%	1%	0%	0%	2%	1%	
	Average :	0	40	30	1	1	1	0	1	7	1	0	0	2	0	84

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	6	2	0	0	0	0	0	0	2	0	0	0	0	10
Wed	00:15	0	8	7	1	1	0	0	0	2	1	0	1	0	0	21
	00:30	0	2	9	0	0	0	0	1	2	1	0	1	0	1	17
	00:45	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	01:00	0	4	5	0	0	1	0	0	1	1	0	0	0	0	12
	01:15	0	4	3	0	0	0	0	0	2	0	0	0	0	0	9
	01:30	0	5	3	0	0	0	0	0	4	0	0	0	0	0	12
	01:45	0	7	2	0	0	0	0	1	4	0	0	0	1	0	15
	02:00	0	2	7	0	0	0	0	0	4	0	0	0	0	1	14
	02:15	0	1	4	0	0	0	0	0	1	1	0	0	0	0	7
	02:30	0	3	0	0	1	0	0	0	6	0	0	0	1	1	12
	02:45	0	1	1	1	1	0	0	0	0	0	0	0	1	0	5
	03:00	0	1	2	0	1	0	0	0	1	1	0	0	0	0	6
	03:15	0	2	1	0	0	0	0	0	8	0	0	0	2	0	13
	03:30	0	3	3	0	0	0	0	0	5	1	0	0	1	1	14
	03:45	0	9	2	1	0	0	0	0	6	0	0	0	1	1	20
	04:00	0	8	6	0	0	0	0	0	4	0	0	0	2	1	21
	04:15	0	3	7	1	2	0	0	0	2	1	0	0	0	0	16
	04:30	0	9	9	1	1	0	0	0	4	0	0	0	1	1	26
	04:45	0	10	8	1	0	0	0	0	3	0	0	1	1	0	24
	05:00	0	16	12	0	0	0	0	0	8	1	1	0	0	1	39
	05:15	0	15	12	1	2	3	0	0	2	3	0	0	1	0	39
	05:30	0	21	17	1	0	0	0	1	9	4	0	0	2	0	55
	05:45	0	38	24	1	0	2	0	0	6	0	0	0	1	0	72
	06:00	0	23	15	1	1	1	0	1	4	2	0	0	4	0	52
	06:15	1	40	33	1	0	0	0	0	6	3	0	0	3	1	88
	06:30	0	46	46	0	0	1	0	1	4	0	0	0	2	2	102
	06:45	0	57	30	1	1	1	0	2	7	3	0	1	2	3	108
	07:00	1	55	56	1	1	1	0	1	10	0	0	0	2	3	131
	07:15	0	78	44	0	0	3	0	1	7	3	0	0	1	0	137
	07:30	2	105	61	1	1	1	0	0	7	0	0	1	1	1	181
	07:45	1	100	51	3	1	1	0	1	10	0	0	0	3	2	173
	08:00	0	71	45	2	1	0	0	0	14	0	0	1	4	3	141
	08:15	0	62	53	1	2	1	0	2	10	2	0	0	4	1	138
	08:30	1	74	51	4	3	1	0	0	6	2	0	1	2	1	146
	08:45	0	54	49	1	3	1	0	0	12	2	0	1	4	0	127
	09:00	1	43	52	0	1	1	0	1	12	5	0	0	2	1	119
	09:15	0	52	38	1	1	3	0	1	8	3	0	0	6	0	113
	09:30	0	48	33	0	1	1	0	1	18	1	0	1	4	0	108
	09:45	0	54	45	0	2	1	0	2	12	4	0	0	3	0	123
	10:00	1	46	47	1	1	0	0	1	6	1	0	0	4	0	108
	10:15	1	56	42	1	2	2	0	1	16	5	0	0	5	0	131
	10:30	0	48	45	0	1	1	0	1	12	2	0	0	7	1	118
	10:45	1	50	43	2	0	2	0	0	9	0	0	0	2	1	110
	11:00	0	55	50	0	2	3	0	0	14	2	0	0	2	0	128
	11:15	1	54	44	1	0	2	0	1	7	2	0	0	2	1	115
	11:30	0	49	53	1	0	0	0	1	16	5	0	0	3	0	128
	11:45	0	65	45	1	1	2	0	3	14	4	0	0	1	0	136
	12:00	0	67	39	0	2	1	0	1	8	3	0	0	6	0	127
	12:15	1	46	57	2	2	1	0	2	9	3	0	0	3	2	128

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	1	70	44	0	3	2	0	4	12	1	0	0	1	1	139
Wed	12:45	1	51	47	1	2	2	0	2	10	3	0	0	3	1	123
	13:00	0	56	50	2	1	0	0	1	13	0	0	1	5	1	130
	13:15	0	59	45	1	0	0	0	0	10	3	0	0	7	2	127
	13:30	1	56	43	0	0	1	0	1	4	4	0	0	4	1	115
	13:45	0	53	67	2	2	2	0	0	9	2	0	0	1	0	138
	14:00	0	53	61	1	1	0	0	0	11	2	0	0	3	0	132
	14:15	0	61	49	2	2	3	0	0	5	2	0	0	2	0	126
	14:30	0	61	41	2	3	5	0	3	10	2	0	0	5	2	134
	14:45	0	64	35	2	1	1	0	2	9	4	0	0	1	0	119
	15:00	1	59	49	0	1	2	0	1	6	2	0	0	2	2	125
	15:15	1	87	55	1	4	3	0	1	3	1	0	0	5	1	162
	15:30	0	56	73	1	0	1	0	1	12	2	0	0	1	0	147
	15:45	1	68	42	0	2	2	1	3	9	3	0	0	1	2	134
	16:00	0	93	63	2	0	1	0	1	2	3	0	0	2	0	167
	16:15	1	65	55	1	2	2	0	1	12	4	0	0	2	1	146
	16:30	0	76	65	2	2	0	0	2	12	2	0	0	1	0	162
	16:45	1	79	64	2	3	1	0	0	10	1	1	0	3	1	166
	17:00	0	96	77	0	3	0	0	0	9	1	0	0	2	0	188
	17:15	0	95	71	0	2	2	0	0	8	0	0	0	1	1	180
	17:30	0	87	59	1	2	1	0	0	16	0	0	0	5	1	172
	17:45	0	77	58	1	0	1	1	5	6	2	0	0	1	0	152
	18:00	0	66	54	0	0	0	0	1	6	1	0	1	1	0	130
	18:15	1	43	46	0	0	2	0	0	12	1	0	0	0	0	105
	18:30	0	43	32	0	0	0	0	2	4	0	0	1	0	1	83
	18:45	0	55	44	1	0	2	0	2	9	1	0	1	0	0	115
	19:00	0	51	25	0	1	0	0	1	6	0	0	0	1	1	86
	19:15	0	38	31	0	0	1	0	0	6	3	0	0	1	1	81
	19:30	0	40	30	0	1	0	0	0	10	2	0	1	2	0	86
	19:45	1	43	17	0	0	0	1	1	6	0	0	0	0	0	69
	20:00	0	31	24	0	0	1	0	0	8	4	1	0	1	0	70
	20:15	0	34	24	0	0	0	0	1	5	3	0	0	0	0	67
	20:30	0	23	21	0	1	0	0	1	9	0	0	0	2	1	58
	20:45	0	41	17	1	0	0	0	0	9	0	1	2	1	0	72
	21:00	0	27	22	1	1	0	0	1	5	2	0	0	0	0	59
	21:15	0	24	12	0	0	0	0	3	3	0	0	1	1	0	44
	21:30	0	22	15	0	0	0	0	2	3	2	0	2	0	0	46
	21:45	0	26	9	1	1	0	0	1	5	0	0	0	0	0	43
	22:00	0	15	12	0	0	0	0	0	7	0	0	1	1	1	37
	22:15	0	21	7	0	0	0	0	0	5	2	0	1	1	0	37
	22:30	0	17	5	0	0	0	0	1	4	1	0	0	2	0	30
	22:45	0	12	7	0	0	0	0	0	3	0	0	0	0	0	22
	23:00	0	6	9	0	0	0	0	1	2	1	0	0	0	1	20
	23:15	0	9	4	0	0	1	0	0	3	0	0	0	1	0	18
	23:30	0	8	10	1	0	0	0	1	0	0	0	0	1	0	21
	23:45	0	8	8	0	0	0	0	0	2	1	0	0	0	0	19
Daily Total :		22	3904	3014	64	80	77	3	75	673	142	4	21	171	54	8304
	Percent :	0%	47%	36%	1%	1%	1%	0%	1%	8%	2%	0%	0%	2%	1%	
	Average :	0	41	31	1	1	1	0	1	7	1	0	0	2	1	87

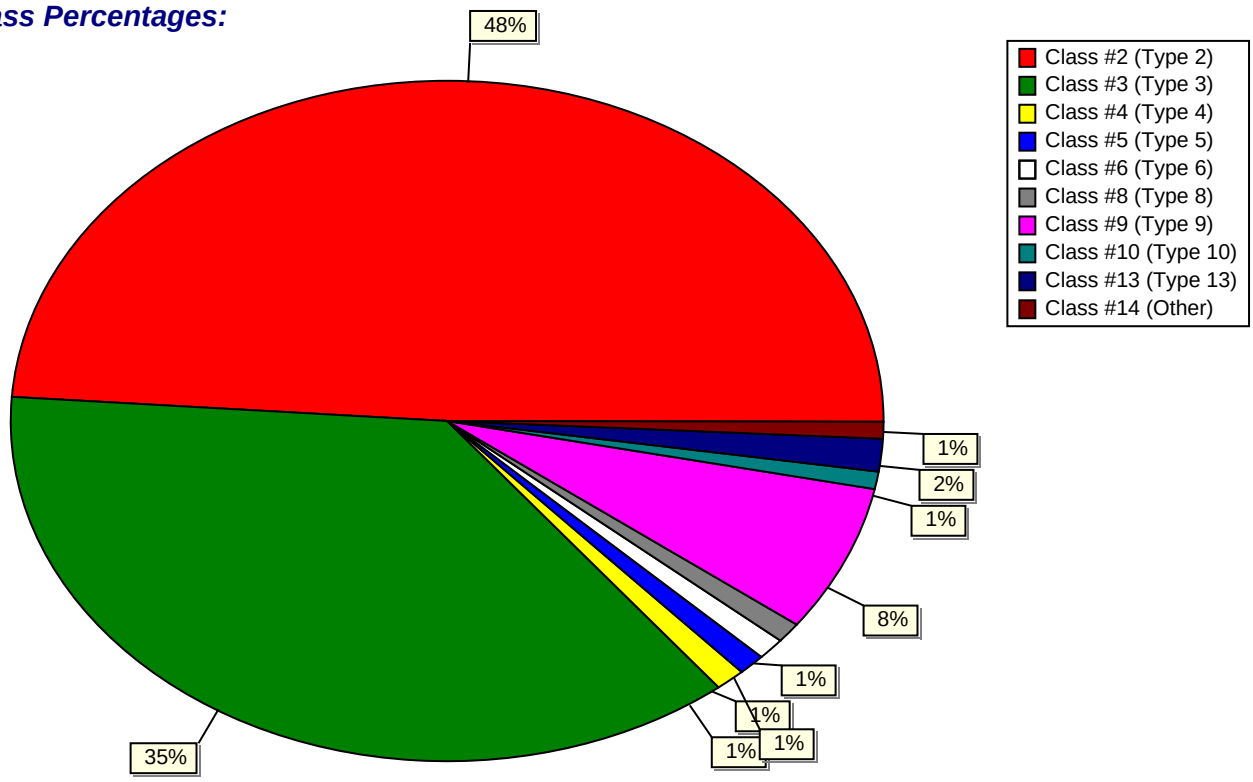
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	1	5	5	0	0	1	0	0	4	1	1	1	0	0	19
Thu	00:15	0	10	2	0	0	0	0	0	3	0	0	0	2	0	17
	00:30	0	6	3	0	0	0	0	1	4	0	0	0	0	0	14
	00:45	0	8	4	0	0	0	0	0	3	1	0	1	1	0	18
	01:00	0	5	4	0	0	0	0	0	1	0	0	0	1	0	11
	01:15	0	6	2	0	0	0	0	1	0	0	0	0	0	0	9
	01:30	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	01:45	0	3	5	0	0	1	0	2	3	0	0	0	0	0	14
	02:00	0	6	4	0	0	0	0	1	2	0	0	0	0	0	13
	02:15	0	2	1	0	0	0	0	0	3	1	0	0	1	0	8
	02:30	0	2	1	0	0	0	0	0	2	0	0	0	0	0	5
	02:45	0	1	2	1	0	0	0	1	1	0	0	0	0	0	6
	03:00	0	3	3	0	0	0	0	0	2	0	0	0	2	0	10
	03:15	0	3	1	0	1	0	0	0	4	0	0	0	0	1	10
	03:30	0	2	1	0	0	0	0	0	3	0	0	1	0	1	8
	03:45	0	2	6	0	0	0	0	0	5	0	0	0	0	1	14
	04:00	0	11	4	0	0	0	0	0	3	0	0	0	1	0	19
	04:15	0	1	2	1	0	0	0	0	4	0	0	0	1	0	9
	04:30	0	8	10	1	2	0	0	0	2	1	1	0	2	0	27
	04:45	0	13	8	1	0	0	0	0	2	1	0	0	1	1	27
	05:00	0	8	11	1	1	0	0	0	6	0	0	0	2	0	29
	05:15	0	16	13	0	1	3	0	0	9	1	0	0	1	0	44
	05:30	0	22	11	1	0	1	1	0	5	2	0	0	2	2	47
	05:45	1	28	13	0	2	2	0	1	10	0	0	0	3	0	60
	06:00	0	29	17	1	1	0	0	1	5	0	0	0	0	1	55
	06:15	0	43	34	1	1	1	1	0	4	0	0	0	1	0	86
	06:30	0	46	36	1	0	2	0	0	12	2	0	0	3	0	102
	06:45	0	58	49	1	2	0	0	2	5	3	0	0	1	0	121
	07:00	0	55	43	1	1	0	0	1	7	1	0	0	4	1	114
	07:15	0	49	47	3	0	0	0	0	8	1	0	0	0	0	108
	07:30	1	89	67	1	0	3	0	2	7	2	0	1	3	2	178
	07:45	0	104	61	1	1	2	0	3	8	3	0	0	1	2	186
	08:00	0	73	43	0	0	2	0	2	11	2	0	0	3	0	136
	08:15	1	62	56	3	3	2	0	2	5	1	0	0	1	1	137
	08:30	0	57	40	2	3	1	0	1	14	1	0	0	2	0	121
	08:45	0	57	35	0	3	2	0	2	9	3	0	0	5	1	117
	09:00	0	46	35	1	3	1	0	1	14	2	0	0	7	0	110
	09:15	0	49	45	0	2	0	0	1	7	2	0	0	4	1	111
	09:30	0	52	41	0	1	1	0	3	11	1	0	0	4	0	114
	09:45	0	84	62	1	2	2	0	1	8	2	0	0	3	1	166
Daily Total :		4	1126	831	23	30	27	2	29	216	34	2	4	62	16	2406
	Percent :	0%	47%	35%	1%	1%	1%	0%	1%	9%	1%	0%	0%	3%	1%	
	Average :	0	28	21	1	1	1	0	1	5	1	0	0	2	0	61

Basic Axle Class Summary: 4D0000456

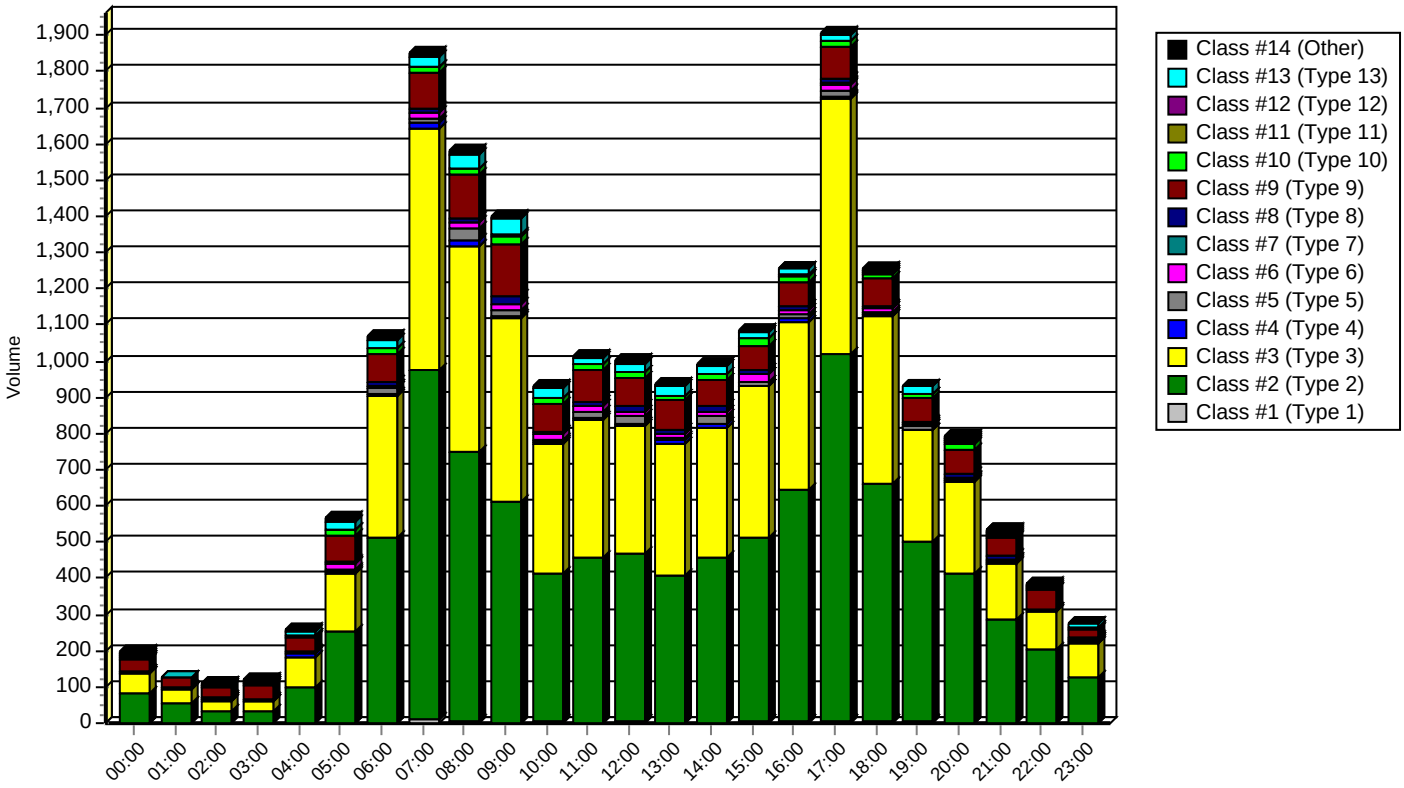
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	52	9926	7308	145	236	205	10	202	1632	290	14	43	405	121	20589
		52	9926	7308	145	236	205	10	202	1632	290	14	43	405	121	20589
Percents :	#1.	0%	48%	35%	1%	1%	1%	0%	1%	8%	1%	0%	0%	2%	1%	100%
		0%	48%	35%	1%	1%	1%	0%	1%	8%	1%	0%	0%	2%	1%	
Average :	#1.	0	38	28	1	1	1	0	1	6	1	0	0	2	0	79
		0	38	28	1	1	1	0	1	6	1	0	0	2	0	79
Days & ADT :	#1.	2.7	7602													
		2.7	7602													

4D0000456 Axle Class Charts For Data From: 17:00 - 04/11/2011 To: 10:14 - 04/14/2011

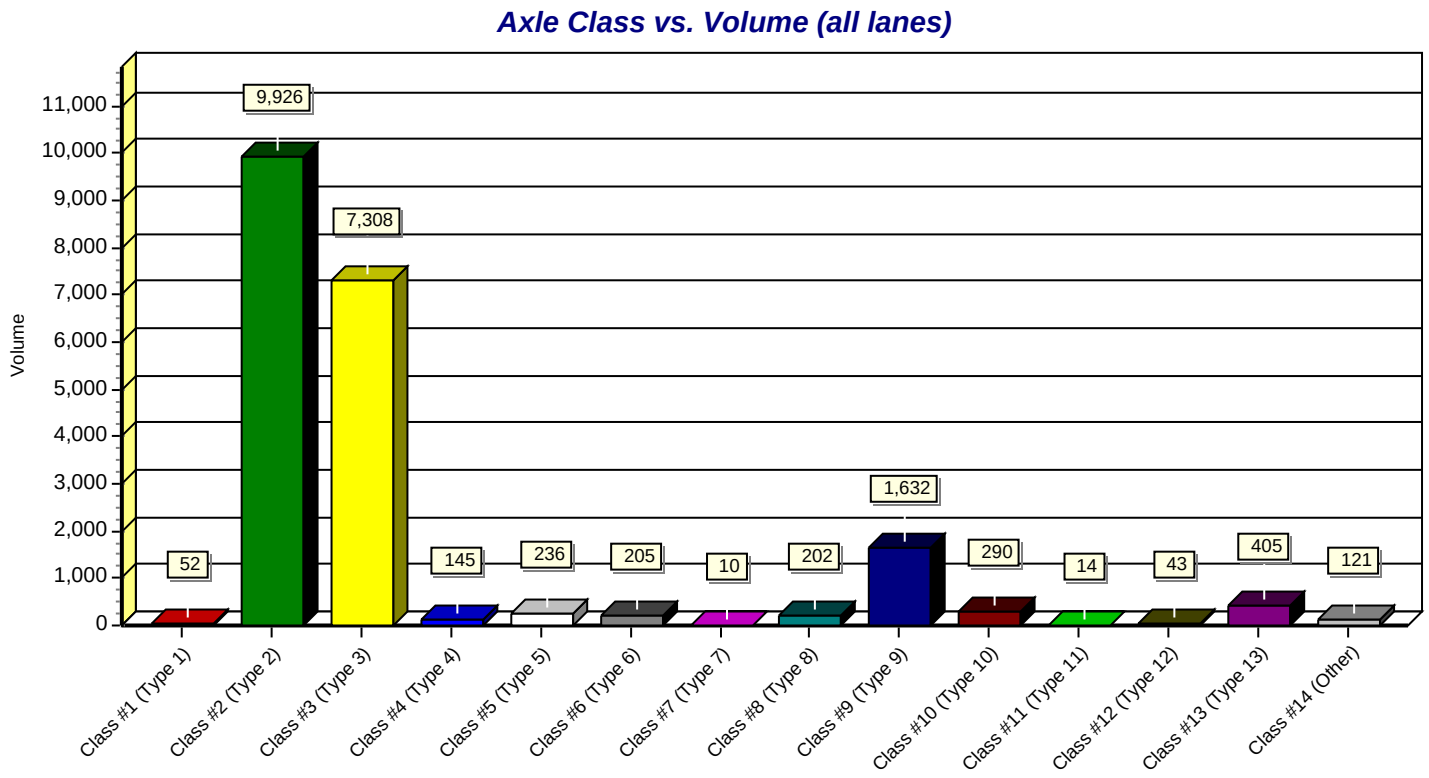
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0000456 Axle Class Charts For Data From: 17:00 - 04/11/2011 To: 10:14 - 04/14/2011



Basic Speed Classification Report: 4D0000456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DRIVE	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 17:00 - 04/11/2011 To: 10:14 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	17:00	1	0	0	0	0	0	0	2	15	81	54	4	0	0	0	0	157
Mon	17:15	0	0	0	0	0	0	0	0	23	75	67	5	1	0	0	0	171
	17:30	1	0	0	0	0	0	0	1	30	67	33	4	0	0	0	0	136
	17:45	0	0	0	0	0	0	0	0	9	45	61	3	0	0	0	0	118
	18:00	1	0	0	0	0	0	0	1	14	42	40	7	1	0	0	0	106
	18:15	0	0	0	0	0	0	1	0	2	36	48	16	0	0	0	0	103
	18:30	0	0	0	0	0	0	0	1	6	34	28	10	0	0	0	0	79
	18:45	0	0	0	0	0	0	0	1	8	40	36	1	0	0	0	0	86
	19:00	0	0	0	0	0	0	0	2	5	26	31	5	1	0	0	0	70
	19:15	0	0	0	0	0	0	0	0	8	49	28	2	0	0	0	0	87
	19:30	0	0	0	0	0	0	0	0	2	28	34	5	1	0	0	0	70
	19:45	0	0	0	0	0	0	0	2	4	17	26	5	0	0	0	0	54
	20:00	0	0	0	0	0	0	0	1	7	22	27	2	0	0	0	0	59
	20:15	0	0	0	0	0	0	0	3	11	16	28	2	0	0	0	0	60
	20:30	0	0	0	0	0	0	0	1	6	24	25	3	0	0	0	0	59
	20:45	0	0	0	0	0	0	0	3	5	18	16	2	0	0	0	0	44
	21:00	0	0	0	0	1	0	0	2	9	14	18	1	0	0	0	0	45
	21:15	0	0	0	0	0	0	2	4	11	14	19	2	0	0	0	0	52
	21:30	0	0	0	0	0	0	0	0	1	13	20	3	0	0	0	0	37
	21:45	0	0	0	0	0	0	0	1	0	20	14	4	1	0	0	0	40
	22:00	0	0	0	0	0	0	0	1	3	18	13	0	0	0	0	0	35
	22:15	0	0	0	0	0	0	1	2	4	9	22	2	0	0	0	0	40
	22:30	0	0	0	0	0	0	0	0	2	13	11	2	0	0	0	0	28
	22:45	0	0	0	0	0	0	0	2	1	6	11	2	0	0	0	0	22
	23:00	0	0	0	0	0	0	0	0	2	9	13	1	0	0	0	0	25
	23:15	0	0	0	0	0	0	0	0	3	7	12	0	0	0	1	0	23
	23:30	0	0	0	0	0	0	0	1	4	13	17	1	0	0	0	0	36
	23:45	0	0	0	0	0	0	1	0	2	8	11	0	0	0	0	0	22
Daily Total :		3	0	0	0	1	0	5	31	197	764	763	94	5	0	1	0	1864
Percent :		0%	0%	0%	0%	0%	0%	0%	2%	11%	41%	41%	5%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	7	27	27	3	0	0	0	0	79

Speeds - Average: 64.2 50% : 64.6 67% : 66.7 85% : 68.8 10mph Pace: 60.1 - 70.0 (81.9%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	2	10	12	1	0	0	0	0	25
Tue	00:15	0	0	0	0	0	0	1	0	1	8	9	1	0	0	0	0	20
	00:30	0	0	0	0	0	0	0	0	2	6	6	0	0	0	0	0	14
	00:45	0	0	0	0	0	0	1	0	1	6	6	0	0	0	0	0	14
	01:00	0	0	0	0	0	0	0	0	1	3	6	0	0	0	0	0	10
	01:15	0	0	0	0	0	0	0	0	0	4	3	0	1	0	0	0	8
	01:30	0	0	0	0	0	0	0	0	0	7	6	1	0	0	0	0	14
	01:45	0	0	0	0	0	0	0	0	1	4	3	1	0	0	0	0	9
	02:00	0	0	0	0	0	0	0	1	2	3	5	0	0	0	0	0	11
	02:15	0	0	0	0	0	0	1	0	4	3	5	2	0	0	0	0	15
	02:30	0	0	0	0	0	0	1	1	0	4	0	0	0	0	0	0	6
	02:45	0	0	0	0	0	0	1	0	0	4	3	1	0	0	0	0	9
	03:00	0	0	0	0	0	0	0	0	1	5	1	2	0	0	0	0	9
	03:15	0	0	0	0	0	0	0	0	1	3	3	0	0	0	0	0	7
	03:30	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	4
	03:45	0	0	0	0	0	0	0	2	0	2	4	1	0	0	0	0	9
	04:00	0	0	0	0	0	0	0	0	2	10	11	0	0	0	0	0	23
	04:15	0	0	0	1	0	0	0	0	3	10	5	1	0	0	0	0	20
	04:30	0	0	0	0	0	0	0	1	8	10	6	4	1	0	0	0	30
	04:45	0	0	0	0	0	0	0	0	4	9	4	1	1	0	0	0	19
	05:00	0	0	0	0	0	0	0	2	1	11	14	1	0	0	0	0	29
	05:15	1	0	0	0	0	0	0	1	3	16	15	4	0	0	0	0	40
	05:30	0	0	0	0	0	0	0	0	4	9	29	7	0	0	0	0	49
	05:45	0	0	0	1	0	0	0	1	4	17	31	8	0	0	0	0	62
	06:00	0	0	0	0	0	0	0	0	4	21	22	6	2	0	0	0	55
	06:15	0	0	0	0	0	0	0	0	3	26	35	8	2	0	0	0	74
	06:30	0	0	0	0	0	0	1	3	1	33	52	10	1	0	0	0	101
	06:45	0	0	0	0	0	0	0	1	4	38	59	20	1	0	0	0	123
	07:00	0	0	0	0	0	0	0	0	12	47	55	9	0	0	0	0	123
	07:15	0	0	0	0	0	0	0	2	9	39	70	16	1	0	0	0	137
	07:30	0	0	0	0	0	0	0	0	13	60	93	27	1	0	0	0	194
	07:45	0	0	0	0	0	0	0	0	11	48	101	23	9	0	0	0	192
	08:00	0	0	0	0	0	0	0	2	4	44	64	12	2	0	0	0	128
	08:15	0	0	0	0	0	0	0	0	11	59	56	9	0	0	0	0	135
	08:30	0	0	0	0	0	0	0	1	6	54	43	12	0	0	0	0	116
	08:45	0	0	0	0	0	0	1	2	9	63	59	6	0	0	0	0	140
	09:00	0	0	0	0	0	0	0	2	16	53	36	9	1	0	0	0	117
	09:15	0	0	0	0	0	0	0	1	8	61	29	6	0	0	0	0	105
	09:30	0	0	0	0	0	0	0	0	8	48	47	14	0	0	0	0	117
	09:45	2	0	0	0	0	0	0	2	8	31	45	9	1	0	0	0	98
	10:00	0	0	0	0	0	0	0	3	12	48	48	5	1	1	0	0	118
	10:15	0	0	0	0	0	0	1	0	7	65	49	5	0	0	0	0	127
	10:30	0	0	0	0	0	0	0	3	7	42	51	10	0	0	0	0	113
	10:45	0	0	0	0	0	0	0	3	13	44	43	3	0	0	0	0	106
	11:00	0	0	0	0	0	0	0	1	15	56	46	5	1	0	0	0	124
	11:15	0	0	0	0	0	0	0	1	17	56	48	6	1	0	0	0	129
	11:30	0	0	0	0	0	0	0	2	17	51	57	3	0	0	0	0	130
	11:45	0	0	0	0	0	0	0	1	12	44	49	14	2	0	0	0	122
	12:00	0	0	0	0	0	0	3	0	14	49	51	5	1	0	0	0	123
	12:15	0	0	0	0	0	0	0	3	13	46	50	5	0	0	0	0	117

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
4/12/201	12:30	0	0	0	1	0	0	0	2	14	42	67	3	0	0	0	0	129
Tue	12:45	0	0	0	0	0	0	0	2	3	46	53	12	0	0	0	0	116
	13:00	0	0	0	0	0	0	0	1	4	37	53	6	1	0	0	0	102
	13:15	0	0	0	0	0	0	0	3	4	39	44	6	1	0	0	0	97
	13:30	0	0	0	0	0	0	0	0	11	36	49	15	0	0	0	0	111
	13:45	0	0	0	0	0	0	0	1	7	48	54	7	0	0	0	0	117
	14:00	0	0	0	0	0	0	0	3	9	40	53	7	1	1	0	0	114
	14:15	0	0	0	0	0	0	0	0	6	40	60	14	2	0	0	0	122
	14:30	0	0	0	0	0	0	1	0	22	46	53	5	1	0	0	0	128
	14:45	0	0	0	0	0	0	0	0	5	34	66	11	1	0	0	0	117
	15:00	0	0	0	0	0	0	0	0	7	66	42	8	0	0	0	0	123
	15:15	0	0	0	0	0	0	0	0	6	37	51	14	1	0	0	0	109
	15:30	0	0	0	0	0	0	0	0	9	61	77	11	1	0	0	0	159
	15:45	0	0	0	0	0	0	0	2	12	31	60	20	1	0	0	0	126
	16:00	0	0	0	0	0	0	1	0	6	47	78	19	1	0	0	0	152
	16:15	0	0	0	0	0	0	0	2	13	51	59	14	1	0	0	0	140
	16:30	0	0	0	0	0	0	1	6	8	51	79	9	0	1	0	0	155
	16:45	0	0	0	0	0	0	0	0	13	64	79	10	3	0	0	0	169
	17:00	0	0	0	0	0	0	1	0	14	76	79	11	1	0	0	0	182
	17:15	0	0	0	0	0	0	0	1	4	43	75	27	1	0	0	0	151
	17:30	0	0	0	0	0	0	0	0	8	41	93	24	2	1	0	0	169
	17:45	0	0	0	0	0	0	0	2	4	30	83	11	1	0	0	0	131
	18:00	0	0	0	0	0	0	0	0	1	30	81	17	0	0	0	0	129
	18:15	0	0	0	0	0	0	0	0	4	34	63	7	3	0	0	0	111
	18:30	0	0	0	0	0	0	0	2	6	43	41	23	1	0	0	0	116
	18:45	0	0	0	0	0	0	0	0	3	29	54	6	0	0	0	0	92
	19:00	0	0	0	0	0	0	0	2	5	21	48	8	2	0	0	0	86
	19:15	0	0	0	0	0	0	0	0	2	19	59	11	0	0	0	0	91
	19:30	0	0	0	0	0	0	0	1	7	31	40	5	0	0	0	0	84
	19:45	0	0	0	0	0	0	0	0	3	31	30	4	0	0	0	0	68
	20:00	0	0	0	0	0	0	0	1	11	18	40	2	0	0	0	0	72
	20:15	0	0	0	0	0	0	0	0	4	50	35	5	0	0	0	0	94
	20:30	0	0	0	0	0	0	1	8	15	25	29	6	0	0	0	0	84
	20:45	0	0	0	0	0	0	1	2	4	17	23	7	1	0	0	0	55
	21:00	0	0	0	0	0	0	0	2	7	15	18	2	0	0	0	0	44
	21:15	0	0	0	0	0	0	1	2	4	14	26	3	0	1	0	0	51
	21:30	0	0	0	0	0	0	0	0	5	19	18	0	0	0	0	0	42
	21:45	0	0	0	0	0	0	0	1	2	8	18	4	0	0	0	0	33
	22:00	0	0	0	0	0	0	0	0	5	15	14	1	0	0	0	0	35
	22:15	0	0	0	0	0	0	0	2	1	18	13	3	2	0	0	0	39
	22:30	0	0	0	0	0	0	0	1	6	12	16	1	0	0	0	0	36
	22:45	1	0	0	0	0	0	0	0	2	8	10	2	1	0	0	0	24
	23:00	0	0	0	0	0	0	0	0	3	9	11	1	0	0	0	0	24
	23:15	0	0	0	0	0	0	0	0	0	7	14	1	1	0	0	0	23
	23:30	0	0	0	0	0	0	0	0	4	6	9	1	0	0	0	0	20
	23:45	0	0	0	0	0	0	0	1	1	10	9	1	1	0	0	0	23

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	0	0	3	0	0	18	92	595	2885	3673	678	62	5	0	0	8015
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	7%	36%	46%	8%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	6	30	38	7	1	0	0	0	65

Speeds - Average: 65.2 50% : 65.6 67% : 67.5 85% : 69.4 10mph Pace: 60.1 - 70.0 (81.8%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	1	1	1	4	3	0	0	0	0	10
Wed	00:15	0	0	0	0	0	0	0	0	2	6	11	1	1	0	0	0	21
	00:30	0	0	0	0	0	0	0	0	2	4	11	0	0	0	0	0	17
	00:45	0	0	0	0	0	0	0	0	0	3	3	1	0	0	0	0	7
	01:00	0	0	0	0	0	0	0	0	1	3	6	1	1	0	0	0	12
	01:15	0	0	0	0	0	0	0	0	1	1	6	1	0	0	0	0	9
	01:30	0	0	0	0	0	0	1	0	1	2	7	0	1	0	0	0	12
	01:45	0	0	0	0	0	0	0	0	1	6	5	2	1	0	0	0	15
	02:00	0	0	0	0	0	0	0	1	2	1	8	2	0	0	0	0	14
	02:15	0	0	0	0	0	0	0	1	2	0	4	0	0	0	0	0	7
	02:30	0	0	0	0	0	0	0	0	2	4	6	0	0	0	0	0	12
	02:45	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
	03:00	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	6
	03:15	0	0	0	0	0	0	0	1	2	4	6	0	0	0	0	0	13
	03:30	0	0	0	0	0	0	0	0	3	1	9	1	0	0	0	0	14
	03:45	0	0	0	0	1	0	0	1	2	6	8	2	0	0	0	0	20
	04:00	0	0	0	0	0	0	0	0	1	8	11	1	0	0	0	0	21
	04:15	0	0	0	0	0	0	0	0	3	4	8	1	0	0	0	0	16
	04:30	0	0	0	0	0	0	0	1	2	11	9	3	0	0	0	0	26
	04:45	0	0	0	0	0	0	0	1	0	10	10	3	0	0	0	0	24
	05:00	0	0	0	0	0	0	0	1	0	10	19	9	0	0	0	0	39
	05:15	0	0	0	0	0	0	0	1	1	11	18	7	1	0	0	0	39
	05:30	0	0	0	0	0	0	0	0	1	17	34	3	0	0	0	0	55
	05:45	0	0	0	0	0	0	0	0	4	21	39	8	0	0	0	0	72
	06:00	0	0	0	0	0	0	0	1	10	14	17	9	1	0	0	0	52
	06:15	0	0	0	0	0	0	0	1	4	27	44	12	0	0	0	0	88
	06:30	0	0	0	0	0	0	0	1	4	29	54	11	3	0	0	0	102
	06:45	0	0	0	0	0	0	0	1	2	25	53	23	3	0	1	0	108
	07:00	0	0	0	0	0	0	0	1	6	33	64	23	4	0	0	0	131
	07:15	0	0	0	0	0	0	0	1	3	30	72	31	0	0	0	0	137
	07:30	0	0	0	0	0	0	0	0	4	51	92	32	2	0	0	0	181
	07:45	0	0	0	0	0	0	0	0	9	32	86	36	10	0	0	0	173
	08:00	0	0	0	0	0	0	0	3	3	38	65	27	4	1	0	0	141
	08:15	0	0	0	0	0	0	0	0	4	43	74	17	0	0	0	0	138
	08:30	0	0	0	0	0	0	1	3	10	41	68	19	4	0	0	0	146
	08:45	0	0	0	0	0	0	0	0	8	42	66	9	2	0	0	0	127
	09:00	0	0	0	0	0	0	0	2	7	31	58	19	2	0	0	0	119
	09:15	0	0	0	0	0	0	0	1	5	42	54	10	1	0	0	0	113
	09:30	0	0	0	0	0	0	0	0	6	38	57	7	0	0	0	0	108
	09:45	0	0	0	0	0	0	0	1	12	50	49	10	1	0	0	0	123
	10:00	0	0	0	0	0	0	0	0	12	46	45	5	0	0	0	0	108
	10:15	1	0	0	0	0	0	0	0	4	53	61	12	0	0	0	0	131
	10:30	0	0	0	0	0	0	0	1	7	37	63	9	1	0	0	0	118
	10:45	0	0	0	0	0	0	0	1	8	37	56	8	0	0	0	0	110
	11:00	0	0	0	0	0	0	0	1	7	34	74	11	1	0	0	0	128
	11:15	0	0	0	0	0	0	0	2	4	38	57	12	2	0	0	0	115
	11:30	0	0	0	0	0	0	0	1	11	57	54	5	0	0	0	0	128
	11:45	0	0	0	0	0	0	1	0	12	57	56	8	2	0	0	0	136
	12:00	0	0	0	0	0	0	0	0	8	53	59	5	2	0	0	0	127
	12:15	0	0	0	0	0	0	0	2	11	40	58	11	4	2	0	0	128

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	10	49	61	17	1	1	0	0	139
Wed	12:45	0	0	0	0	0	0	0	2	6	54	51	10	0	0	0	0	123
	13:00	0	0	0	0	0	0	0	0	10	49	61	9	1	0	0	0	130
	13:15	0	0	0	0	0	0	0	0	6	52	54	13	2	0	0	0	127
	13:30	0	0	0	0	0	0	0	0	2	36	65	12	0	0	0	0	115
	13:45	0	0	0	0	0	0	0	0	12	44	70	10	1	1	0	0	138
	14:00	0	0	0	0	0	0	0	0	8	37	72	14	1	0	0	0	132
	14:15	0	0	0	0	0	0	2	1	6	45	55	15	1	1	0	0	126
	14:30	0	0	0	0	0	0	0	0	3	43	69	16	2	1	0	0	134
	14:45	0	0	0	0	0	0	0	1	7	31	63	15	2	0	0	0	119
	15:00	0	0	0	0	0	0	0	0	5	30	67	21	2	0	0	0	125
	15:15	0	0	0	0	0	0	0	0	8	50	85	18	1	0	0	0	162
	15:30	0	0	0	0	0	0	0	1	7	32	87	17	3	0	0	0	147
	15:45	0	0	0	0	0	0	0	1	9	41	63	20	0	0	0	0	134
	16:00	0	0	0	0	0	0	0	0	5	56	85	21	0	0	0	0	167
	16:15	0	0	0	0	0	0	0	1	5	36	81	20	3	0	0	0	146
	16:30	0	0	0	0	0	0	0	1	4	52	83	17	5	0	0	0	162
	16:45	1	0	0	0	0	0	0	0	4	47	85	28	1	0	0	0	166
	17:00	0	0	0	0	0	0	0	2	14	46	97	28	1	0	0	0	188
	17:15	0	0	0	0	0	0	0	2	2	40	112	20	3	1	0	0	180
	17:30	0	0	0	0	0	0	0	0	6	52	98	12	4	0	0	0	172
	17:45	0	0	0	0	0	0	0	2	6	51	78	12	1	2	0	0	152
	18:00	0	0	0	0	0	0	0	0	3	36	65	26	0	0	0	0	130
	18:15	0	0	0	0	0	0	0	0	5	38	48	12	2	0	0	0	105
	18:30	1	0	0	0	0	0	1	2	0	26	42	9	2	0	0	0	83
	18:45	0	0	0	0	0	0	0	0	9	30	62	12	2	0	0	0	115
	19:00	0	0	0	0	0	0	0	2	2	25	43	13	1	0	0	0	86
	19:15	0	0	0	0	0	0	0	1	4	21	47	7	1	0	0	0	81
	19:30	0	0	0	0	0	0	0	0	4	35	42	5	0	0	0	0	86
	19:45	0	0	0	0	0	0	0	1	5	21	33	8	1	0	0	0	69
	20:00	0	0	0	0	0	0	0	1	5	26	34	4	0	0	0	0	70
	20:15	0	0	0	0	0	0	0	0	8	24	29	5	0	1	0	0	67
	20:30	0	0	0	0	0	0	0	0	10	19	21	8	0	0	0	0	58
	20:45	0	0	0	0	0	0	0	2	8	28	31	1	2	0	0	0	72
	21:00	0	0	0	0	0	0	0	3	5	18	27	5	1	0	0	0	59
	21:15	0	0	0	0	0	0	0	0	3	10	21	8	2	0	0	0	44
	21:30	0	0	0	0	0	0	0	1	3	9	26	5	2	0	0	0	46
	21:45	0	0	0	0	0	0	0	1	4	12	21	4	1	0	0	0	43
	22:00	0	0	0	0	0	0	0	1	3	13	18	2	0	0	0	0	37
	22:15	0	0	0	0	0	0	0	1	4	13	18	1	0	0	0	0	37
	22:30	0	0	0	0	0	0	0	1	5	4	17	3	0	0	0	0	30
	22:45	0	0	0	0	0	0	0	0	1	4	11	5	1	0	0	0	22
	23:00	0	0	0	0	0	0	0	0	1	5	10	4	0	0	0	0	20
	23:15	0	0	0	0	0	0	0	0	1	5	10	2	0	0	0	0	18
	23:30	0	0	0	0	0	0	0	1	1	6	12	1	0	0	0	0	21
	23:45	0	0	0	0	0	0	0	0	2	4	9	4	0	0	0	0	19

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	0	0	0	1	0	6	65	456	2563	4141	950	107	11	1	0	8304
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	5%	31%	50%	11%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	5	27	43	10	1	0	0	0	83

Speeds - Average: 65.9 50% : 66.3 67% : 68.0 85% : 69.8 10mph Pace: 60.1 - 70.0 (80.7%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	1	0	0	0	0	1	0	0	0	5	12	0	0	0	0	0	19
Thu	00:15	0	0	0	0	0	0	0	0	3	3	10	0	1	0	0	0	17
	00:30	0	0	0	0	0	0	0	0	0	5	9	0	0	0	0	0	14
	00:45	0	0	0	0	0	0	0	1	4	3	7	3	0	0	0	0	18
	01:00	0	0	0	0	0	0	0	0	0	2	6	2	1	0	0	0	11
	01:15	0	0	0	0	0	0	0	0	0	1	6	1	0	0	1	0	9
	01:30	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	6
	01:45	0	0	0	0	0	0	0	1	2	2	7	2	0	0	0	0	14
	02:00	0	0	0	0	0	0	0	0	0	7	6	0	0	0	0	0	13
	02:15	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	8
	02:30	0	0	0	0	0	0	1	0	1	2	0	1	0	0	0	0	5
	02:45	0	0	0	0	0	0	0	0	1	1	3	1	0	0	0	0	6
	03:00	0	0	0	0	0	0	0	1	1	4	3	1	0	0	0	0	10
	03:15	0	0	0	0	0	0	0	0	0	2	8	0	0	0	0	0	10
	03:30	0	0	0	0	0	0	1	0	1	2	4	0	0	0	0	0	8
	03:45	0	0	0	0	0	0	0	1	1	7	3	1	1	0	0	0	14
	04:00	0	0	0	0	0	0	0	0	2	4	10	3	0	0	0	0	19
	04:15	0	0	0	0	0	0	0	0	1	2	5	1	0	0	0	0	9
	04:30	0	0	0	0	0	0	0	0	3	12	10	2	0	0	0	0	27
	04:45	0	0	0	0	0	0	1	1	2	10	8	5	0	0	0	0	27
	05:00	0	0	0	0	0	0	0	0	4	11	13	1	0	0	0	0	29
	05:15	0	0	0	0	0	0	0	0	7	18	14	3	1	1	0	0	44
	05:30	0	0	0	0	0	0	1	4	8	11	19	4	0	0	0	0	47
	05:45	1	0	0	0	0	0	1	1	4	18	30	5	0	0	0	0	60
	06:00	0	0	0	0	0	0	0	0	8	26	20	1	0	0	0	0	55
	06:15	0	0	0	0	0	0	0	4	14	27	35	6	0	0	0	0	86
	06:30	0	0	0	0	0	0	0	0	5	46	41	9	1	0	0	0	102
	06:45	0	0	0	0	0	0	0	1	10	34	51	24	1	0	0	0	121
	07:00	0	0	0	0	0	0	0	2	9	23	51	26	2	0	1	0	114
	07:15	0	0	0	0	0	0	0	0	6	34	59	8	0	0	1	0	108
	07:30	0	0	0	0	0	0	0	1	9	57	98	12	1	0	0	0	178
	07:45	0	0	0	0	0	0	1	1	15	63	89	14	3	0	0	0	186
	08:00	0	0	0	0	0	0	0	3	21	64	40	7	1	0	0	0	136
	08:15	0	0	0	0	0	0	0	2	16	63	48	8	0	0	0	0	137
	08:30	0	0	0	0	0	0	0	2	10	54	47	8	0	0	0	0	121
	08:45	0	0	0	1	0	0	0	6	16	45	44	4	0	1	0	0	117
	09:00	0	0	0	0	0	0	0	0	12	47	47	2	1	1	0	0	110
	09:15	0	0	0	0	0	0	0	0	10	40	53	7	1	0	0	0	111
	09:30	0	0	0	0	0	0	0	4	16	67	23	4	0	0	0	0	114
	09:45	2	1	0	0	2	9	25	41	37	33	15	1	0	0	0	0	166
Daily Total :		4	1	0	1	2	10	31	77	259	860	960	179	16	3	3	0	2406
Percent :		0%	0%	0%	0%	0%	0%	1%	3%	11%	36%	40%	7%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	1	2	6	22	24	4	0	0	0	0	87

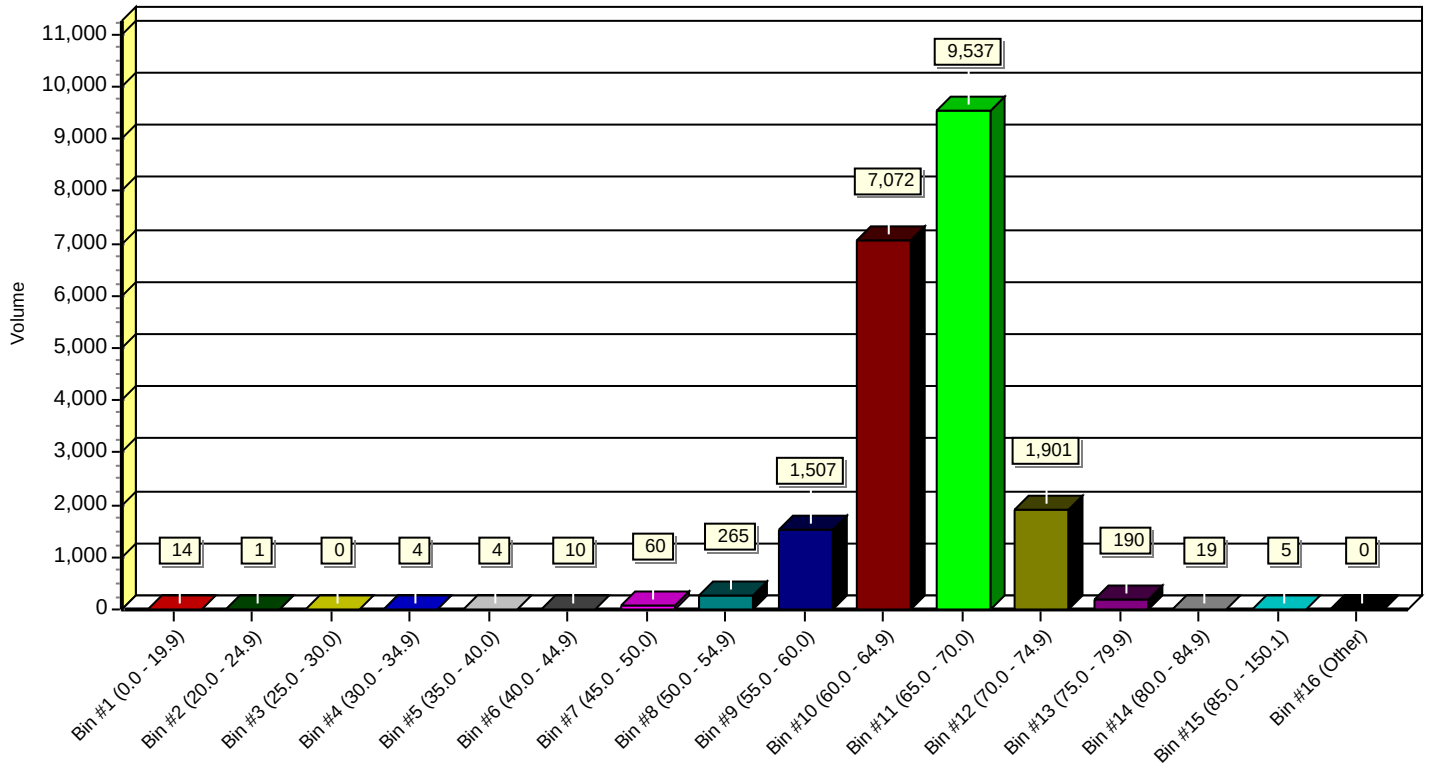
Speeds - Average: 64.1 50% : 64.7 67% : 67.0 85% : 69.2 10mph Pace: 60.1 - 70.0 (75.6%)

Basic Speed Class Summary: 4D0000456

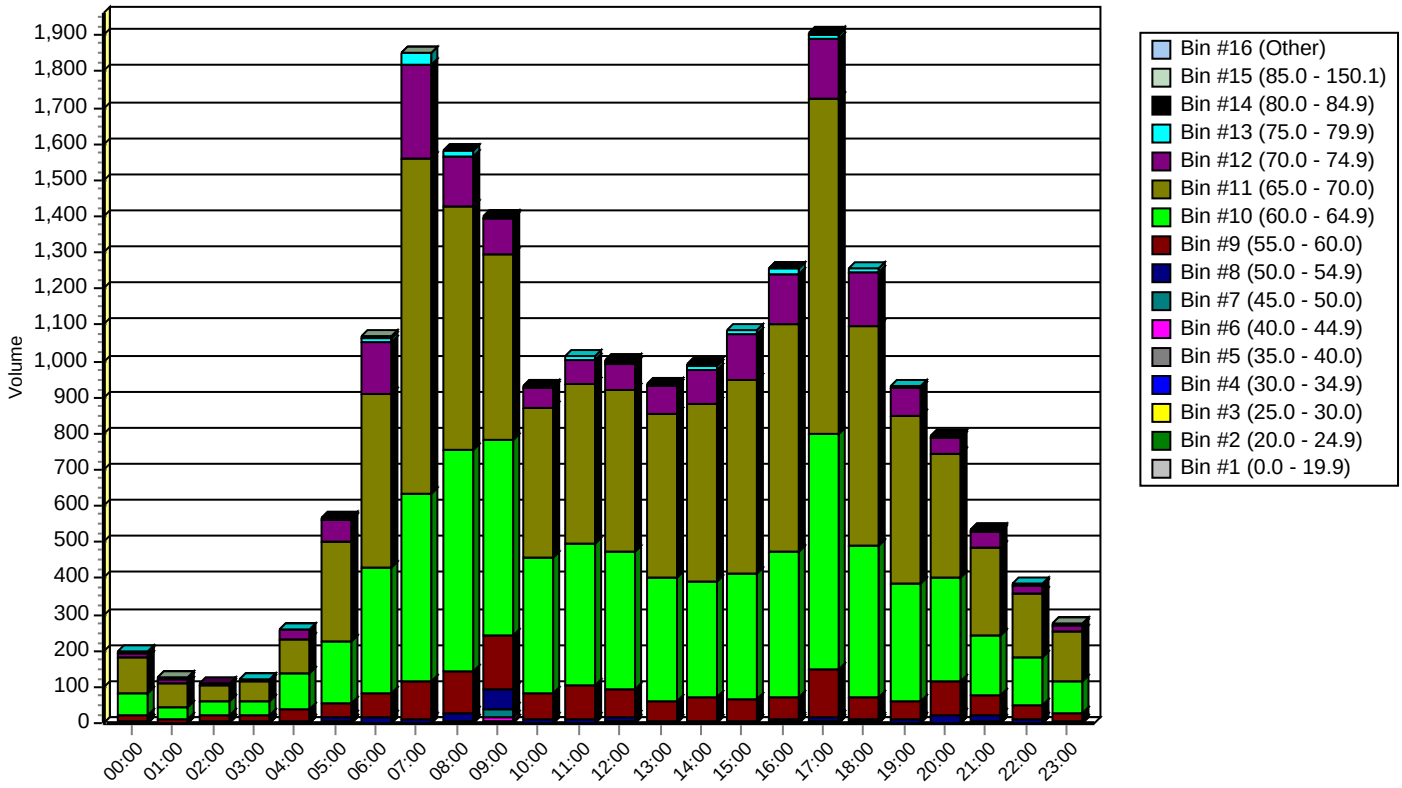
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	14	1	0	4	4	10	60	265	1507	7072	9537	1901	190	19	5	0	20589
		14	1	0	4	4	10	60	265	1507	7072	9537	1901	190	19	5	0	20589
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	7%	34%	46%	9%	1%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	7%	34%	46%	9%	1%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	1	6	27	37	7	1	0	0	0	79
		0	0	0	0	0	0	0	1	6	27	37	7	1	0	0	0	79
Days & ADT :	#1.	2.7	7602															
		2.7	7602															
Avg,50,67,85%:	#1.	65.3	65.7	67.6	69.5	60.1	- 70.0	81%										
		65.3	65.7	67.6	69.5	60.1	- 70.0	81%										

4D0000456 Speed Class Charts For Data From: 17:00 - 04/11/2011 To: 10:14 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0000456

Station ID : 4P0000456
Info Line 1 : WB PASS
Info Line 2 :
GPS Lat/Lon :
DB File : 4P000456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11452
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 17:00 - 04/11/2011 To: 10:14 - 04/14/2011

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/11/201	17:00	1	38	41	0	2	0	0	0	0	0	0	0	0	1	83
Mon	17:15	0	41	34	0	1	1	0	0	0	0	0	0	2	0	79
	17:30	0	63	59	1	2	1	0	0	2	0	0	0	1	0	129
	17:45	0	19	21	0	0	2	0	1	2	1	0	0	0	0	46
	18:00	0	18	20	0	1	0	0	0	1	0	0	0	1	1	42
	18:15	1	13	9	0	0	0	0	0	0	0	0	0	0	0	23
	18:30	0	7	5	0	1	0	0	0	1	0	0	0	0	0	14
	18:45	0	13	11	0	0	0	0	0	1	0	0	0	0	0	25
	19:00	0	10	5	0	0	0	0	0	0	0	0	0	0	0	15
	19:15	0	16	8	0	0	0	0	0	1	0	0	0	0	0	25
	19:30	0	3	9	0	1	0	0	0	2	0	0	0	1	0	16
	19:45	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	20:00	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	20:15	0	9	6	0	0	0	0	0	0	0	0	0	0	0	15
	20:30	0	5	8	0	1	0	0	0	0	0	0	0	0	0	14
	20:45	0	6	2	0	1	0	0	0	0	0	0	0	0	0	9
	21:00	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	21:15	0	5	7	0	0	0	0	0	1	0	0	0	0	0	13
	21:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	7	1	0	0	0	0	0	0	0	0	0	0	0	8
	22:00	0	2	2	0	0	0	0	1	0	0	0	0	0	0	5
	22:15	0	3	1	0	0	0	0	0	1	0	0	0	0	0	5
	22:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	0	2	0	0	0	0	0	1	0	0	0	0	0	3
	23:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	23:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	23:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		2	304	268	1	10	4	0	2	14	1	0	0	5	2	613
Percent :		0%	50%	44%	0%	2%	1%	0%	0%	2%	0%	0%	0%	1%	0%	
Average :		0	11	10	0	0	0	0	0	1	0	0	0	0	0	22

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	00:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
Tue	00:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	05:15	0	3	1	0	2	0	0	0	0	0	0	0	0	0	6
	05:30	0	3	5	0	1	0	0	0	0	0	0	0	0	0	9
	05:45	0	4	7	1	0	0	0	0	0	0	0	0	0	0	12
	06:00	0	4	8	0	0	0	0	0	0	0	0	0	0	0	12
	06:15	0	6	7	0	0	0	0	0	0	0	0	0	1	0	14
	06:30	0	14	20	0	1	0	0	0	0	0	0	0	0	0	35
	06:45	0	27	11	0	0	0	0	0	0	0	0	0	0	1	39
	07:00	0	26	14	0	0	0	0	1	0	0	0	0	0	0	41
	07:15	0	20	17	1	1	0	0	0	0	0	0	0	0	0	39
	07:30	0	50	46	1	1	1	0	0	1	0	0	0	0	0	100
	07:45	0	63	39	0	2	0	0	0	2	0	0	0	0	1	107
	08:00	1	25	24	0	3	0	0	0	1	0	0	0	2	2	58
	08:15	0	26	24	0	1	0	0	0	3	0	0	0	0	0	54
	08:30	0	14	21	0	1	0	0	0	2	0	0	0	0	0	38
	08:45	1	34	23	0	2	0	0	0	3	1	0	0	2	0	66
	09:00	0	19	20	0	1	1	0	1	1	0	0	0	0	0	43
	09:15	0	9	14	0	0	0	0	0	7	0	0	0	1	0	31
	09:30	0	17	13	0	1	0	0	0	0	0	0	0	0	0	31
	09:45	0	15	15	0	2	0	0	1	2	0	0	0	0	0	35
	10:00	0	6	22	0	2	0	0	0	1	0	0	0	2	0	33
	10:15	0	14	19	0	3	0	0	0	0	0	0	0	0	0	36
	10:30	0	10	20	1	0	0	0	1	3	0	0	0	1	0	36
	10:45	0	17	22	0	2	0	0	0	1	1	0	0	0	0	43
	11:00	0	21	22	0	0	0	0	0	3	0	0	0	0	0	46
	11:15	0	10	20	0	1	0	0	0	3	0	0	0	1	0	35
	11:30	0	26	17	0	1	0	0	0	4	1	0	0	1	0	50
	11:45	0	18	20	0	0	1	0	0	2	1	0	0	0	0	42
	12:00	0	13	21	1	0	1	0	0	1	0	0	0	1	0	38
	12:15	0	19	15	0	2	0	0	1	0	1	0	0	0	0	38

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/12/201	12:30	0	15	16	0	1	0	0	0	1	0	0	0	1	0	34
Tue	12:45	0	19	14	0	0	0	0	0	1	0	0	0	0	0	34
	13:00	0	13	24	1	2	0	0	0	1	0	0	0	0	0	41
	13:15	0	19	21	0	1	1	0	0	2	1	0	0	0	0	45
	13:30	0	15	16	0	1	1	0	0	1	0	0	0	0	0	34
	13:45	0	13	23	0	0	1	0	0	1	0	0	0	1	0	39
	14:00	0	12	17	0	3	1	0	0	1	0	0	0	1	1	36
	14:15	1	29	16	0	1	0	0	0	2	0	0	0	0	0	49
	14:30	0	17	19	0	0	0	0	1	4	0	0	0	0	0	41
	14:45	0	13	12	1	0	1	0	1	1	0	0	0	0	0	29
	15:00	0	18	15	1	1	0	0	0	1	0	0	0	0	0	36
	15:15	0	17	18	0	2	0	0	0	1	1	0	0	0	0	39
	15:30	0	31	30	0	3	1	0	0	1	0	0	0	0	0	66
	15:45	0	17	23	1	0	0	0	0	2	0	0	0	0	0	43
	16:00	0	24	32	1	1	0	0	0	3	0	0	0	0	0	61
	16:15	0	33	18	0	1	0	0	1	3	1	0	0	0	0	57
	16:30	1	33	28	0	2	0	0	1	0	0	0	0	1	0	66
	16:45	0	35	32	0	0	0	1	0	3	0	0	0	0	0	71
	17:00	0	43	34	0	2	0	0	0	3	0	0	0	0	1	83
	17:15	0	43	38	0	1	0	1	0	3	1	0	0	0	2	89
	17:30	0	33	37	0	4	0	0	0	1	0	0	0	0	0	75
	17:45	1	24	32	1	1	0	0	0	1	0	0	0	0	0	60
	18:00	0	19	25	0	0	1	0	0	0	0	0	0	0	0	45
	18:15	0	12	12	0	0	0	0	1	0	0	0	0	0	0	25
	18:30	0	15	23	0	0	0	0	0	0	0	0	0	0	0	38
	18:45	0	8	11	0	0	0	0	0	0	0	0	0	0	0	19
	19:00	0	6	12	0	0	0	0	0	1	0	0	0	0	0	19
	19:15	0	10	10	0	1	0	0	0	0	0	0	0	1	0	22
	19:30	0	6	10	0	0	0	0	0	0	0	1	0	0	0	17
	19:45	0	11	6	0	1	0	0	0	0	0	0	0	0	0	18
	20:00	0	5	6	0	0	0	0	0	1	0	0	0	1	1	14
	20:15	0	10	5	0	0	0	0	0	0	0	0	0	0	0	15
	20:30	0	10	3	0	0	0	0	0	2	0	0	2	0	0	17
	20:45	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	21:00	0	5	3	0	1	0	0	0	0	0	0	0	0	0	9
	21:15	0	9	5	0	0	0	0	0	1	0	0	0	0	0	15
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	2	1	0	0	0	0	0	2	0	0	0	0	0	5
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	23:15	0	2	0	0	0	0	0	1	0	0	0	0	0	0	3
	23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		5	1198	1193	11	61	11	2	11	85	9	1	2	18	9	2616
	Percent :	0%	46%	46%	0%	2%	0%	0%	0%	3%	0%	0%	0%	1%	0%	
	Average :	0	12	12	0	1	0	0	0	1	0	0	0	0	0	26

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	1	1	0	0	1	0	0	0	0	0	0	0	0	3
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	05:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	05:30	0	3	3	0	1	0	0	0	0	0	0	0	0	0	7
	05:45	1	7	4	1	0	0	0	0	0	0	0	0	0	0	13
	06:00	0	3	7	0	0	0	0	0	2	0	0	0	0	0	12
	06:15	0	8	6	0	0	0	1	0	1	0	0	0	0	0	16
	06:30	0	14	18	0	0	0	0	1	0	0	0	0	0	0	33
	06:45	0	28	25	1	0	0	0	1	1	0	0	0	0	0	56
	07:00	0	35	25	0	0	0	0	0	0	0	0	0	1	0	61
	07:15	0	27	21	0	0	0	0	0	1	0	0	0	0	0	49
	07:30	0	42	35	1	0	0	0	0	1	2	0	0	1	1	83
	07:45	1	45	39	1	2	0	0	0	1	0	0	0	0	1	90
	08:00	0	35	20	0	0	0	0	0	3	0	0	0	0	0	58
	08:15	1	23	21	0	0	0	0	0	0	0	0	0	0	1	46
	08:30	0	27	18	0	1	0	0	0	1	0	0	0	2	0	49
	08:45	0	24	21	1	0	0	0	0	1	0	0	0	0	0	47
	09:00	0	22	9	1	1	0	0	1	1	0	0	0	1	0	36
	09:15	0	13	21	0	0	1	0	0	0	0	0	0	0	0	35
	09:30	1	9	13	0	0	1	0	0	1	0	0	0	0	0	25
	09:45	0	13	16	0	0	0	0	0	4	0	0	0	2	0	35
	10:00	0	12	15	0	0	0	0	0	2	1	0	0	0	0	30
	10:15	0	21	21	0	1	0	0	1	2	0	0	0	1	1	48
	10:30	0	14	25	1	1	0	0	1	4	1	0	0	0	0	47
	10:45	0	18	14	0	1	1	0	0	3	0	0	0	0	0	37
	11:00	1	17	24	0	0	0	0	0	3	0	0	0	0	0	45
	11:15	0	7	24	1	1	0	0	0	3	0	0	0	0	1	37
	11:30	0	20	15	0	1	0	0	0	1	1	0	0	0	0	38
	11:45	0	18	22	0	0	0	0	0	5	0	0	0	0	0	45
	12:00	0	16	13	1	0	0	0	0	2	0	0	0	1	0	33
	12:15	0	14	18	0	1	0	0	0	2	0	0	0	0	0	35

Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/13/201	12:30	0	22	20	1	1	0	0	0	1	0	0	0	0	0	45
Wed	12:45	0	17	14	0	0	0	0	0	2	4	0	0	0	0	37
	13:00	0	18	20	1	2	0	0	0	0	0	0	0	0	0	41
	13:15	0	24	9	0	0	0	0	1	1	1	0	0	1	0	37
	13:30	0	18	10	0	3	0	0	0	0	1	0	0	1	0	33
	13:45	1	27	23	0	2	1	0	0	0	1	0	0	2	0	57
	14:00	0	20	19	0	0	1	0	1	1	0	0	0	0	0	42
	14:15	0	23	13	0	1	0	0	0	1	1	0	0	3	0	42
	14:30	0	36	23	1	3	0	0	0	1	0	0	0	0	0	64
	14:45	0	22	16	1	1	0	0	0	1	1	0	0	2	0	44
	15:00	0	25	21	1	0	0	0	1	5	1	0	0	0	0	54
	15:15	0	24	21	1	1	0	0	1	1	1	0	0	0	0	50
	15:30	0	27	23	1	1	0	0	2	2	0	0	0	0	0	56
	15:45	0	44	26	0	1	0	0	1	4	0	0	0	0	0	76
	16:00	0	41	31	1	2	0	0	1	1	0	0	0	0	1	78
	16:15	0	26	21	1	1	0	0	1	1	0	0	0	0	1	52
	16:30	0	38	33	0	1	0	0	0	2	1	0	0	0	0	75
	16:45	0	38	33	0	3	1	0	0	0	0	0	0	1	0	76
	17:00	0	48	37	0	1	0	0	1	1	1	0	0	0	0	89
	17:15	0	36	36	0	1	0	0	0	3	0	0	0	0	0	76
	17:30	0	39	37	1	1	1	0	0	0	0	0	0	0	0	79
	17:45	0	27	30	0	1	0	0	0	0	0	0	1	0	0	59
	18:00	0	26	19	0	2	0	0	0	1	0	0	0	0	0	48
	18:15	0	14	16	0	0	0	0	0	1	0	0	0	1	0	32
	18:30	0	14	14	0	0	0	0	0	4	0	0	0	0	0	32
	18:45	0	19	8	0	2	0	0	0	4	0	0	0	0	0	33
	19:00	0	10	12	0	1	0	0	0	1	0	0	0	0	0	24
	19:15	0	9	5	0	1	0	0	0	0	0	0	0	0	1	16
	19:30	0	10	9	0	0	0	0	0	1	0	0	0	0	0	20
	19:45	0	6	9	0	0	0	0	0	0	0	0	0	1	0	16
	20:00	0	2	3	0	0	0	0	0	1	0	0	0	0	0	6
	20:15	0	3	3	0	0	0	0	0	0	0	0	0	1	0	7
	20:30	0	2	7	0	0	0	0	1	0	0	0	0	0	0	10
	20:45	0	3	5	0	0	0	0	0	1	0	0	0	0	0	9
	21:00	0	4	4	0	1	0	0	0	0	0	0	0	0	0	9
	21:15	0	3	2	0	1	0	0	0	0	0	0	0	0	0	6
	21:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	21:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	22:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:30	0	4	4	0	0	0	0	0	0	0	0	0	0	0	8
	22:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	23:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
Daily Total :		6	1327	1169	19	48	8	1	16	92	18	0	1	23	8	2736
Percent :		0%	49%	43%	1%	2%	0%	0%	1%	3%	1%	0%	0%	1%	0%	
Average :		0	14	12	0	1	0	0	0	1	0	0	0	0	0	28

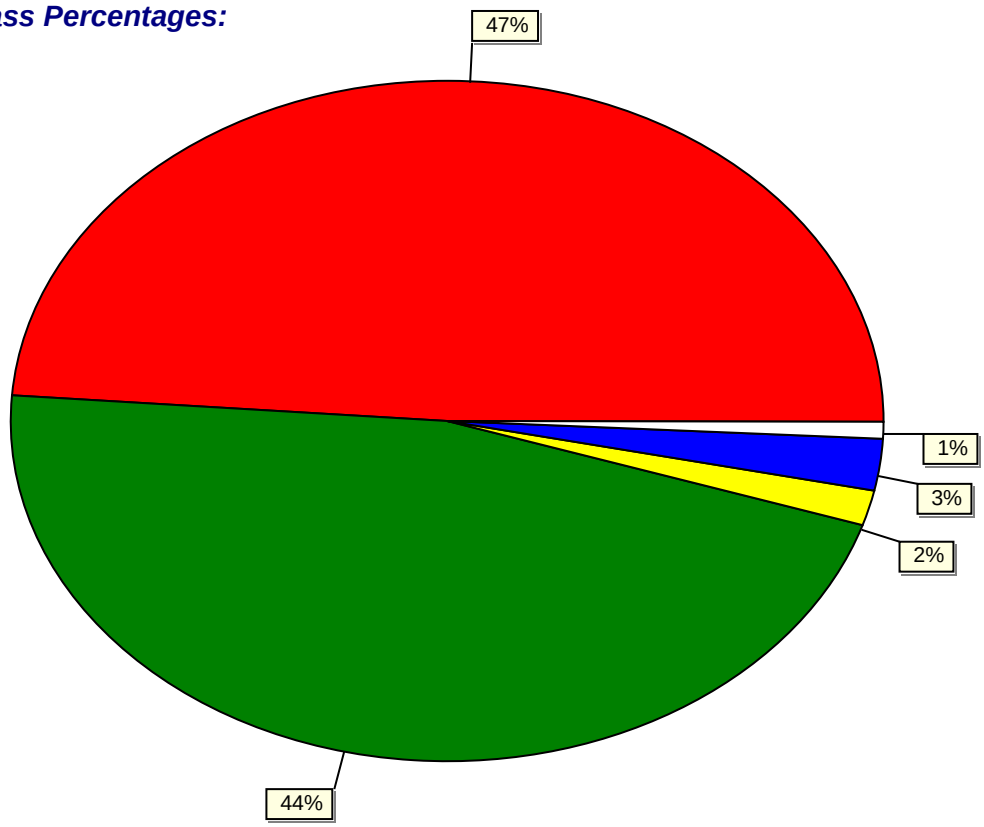
Date	(AXLE) Time	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:15	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	05:30	0	2	2	0	0	0	0	0	2	0	0	0	0	0	6
	05:45	0	4	4	0	0	0	0	0	5	0	0	0	0	0	13
	06:00	0	3	2	0	0	0	0	0	2	0	0	0	0	0	7
	06:15	0	4	7	0	0	0	0	0	1	0	0	0	0	0	12
	06:30	0	19	19	0	0	0	0	0	1	0	0	0	1	0	40
	06:45	0	23	23	0	0	0	0	0	3	0	0	0	0	0	49
	07:00	0	23	12	0	2	0	0	0	0	0	0	0	0	0	37
	07:15	0	28	14	0	0	0	0	0	2	0	0	0	0	0	44
	07:30	0	42	33	0	0	1	0	0	2	0	0	0	1	0	79
	07:45	0	62	45	0	2	0	0	0	2	1	0	0	1	1	114
	08:00	0	26	30	0	0	0	0	1	1	2	0	0	2	1	63
	08:15	0	24	22	1	2	0	0	0	1	0	0	0	1	0	51
	08:30	0	17	21	1	0	0	0	1	1	0	0	0	1	0	42
	08:45	0	23	18	0	0	0	0	0	0	0	0	0	2	1	44
	09:00	0	11	13	0	0	0	0	0	3	0	0	0	0	0	27
	09:15	0	9	23	0	0	0	0	0	3	0	0	0	0	0	35
	09:30	0	15	20	0	1	1	0	0	0	0	0	0	0	0	37
	09:45	0	12	14	0	0	0	0	1	1	0	0	0	0	0	28
Daily Total :		0	355	330	2	7	2	0	3	32	3	0	0	9	3	746
	Percent :	0%	48%	44%	0%	1%	0%	0%	0%	4%	0%	0%	0%	1%	0%	
	Average :	0	9	8	0	0	0	0	0	1	0	0	0	0	0	18

Basic Axle Class Summary: 4P0000456

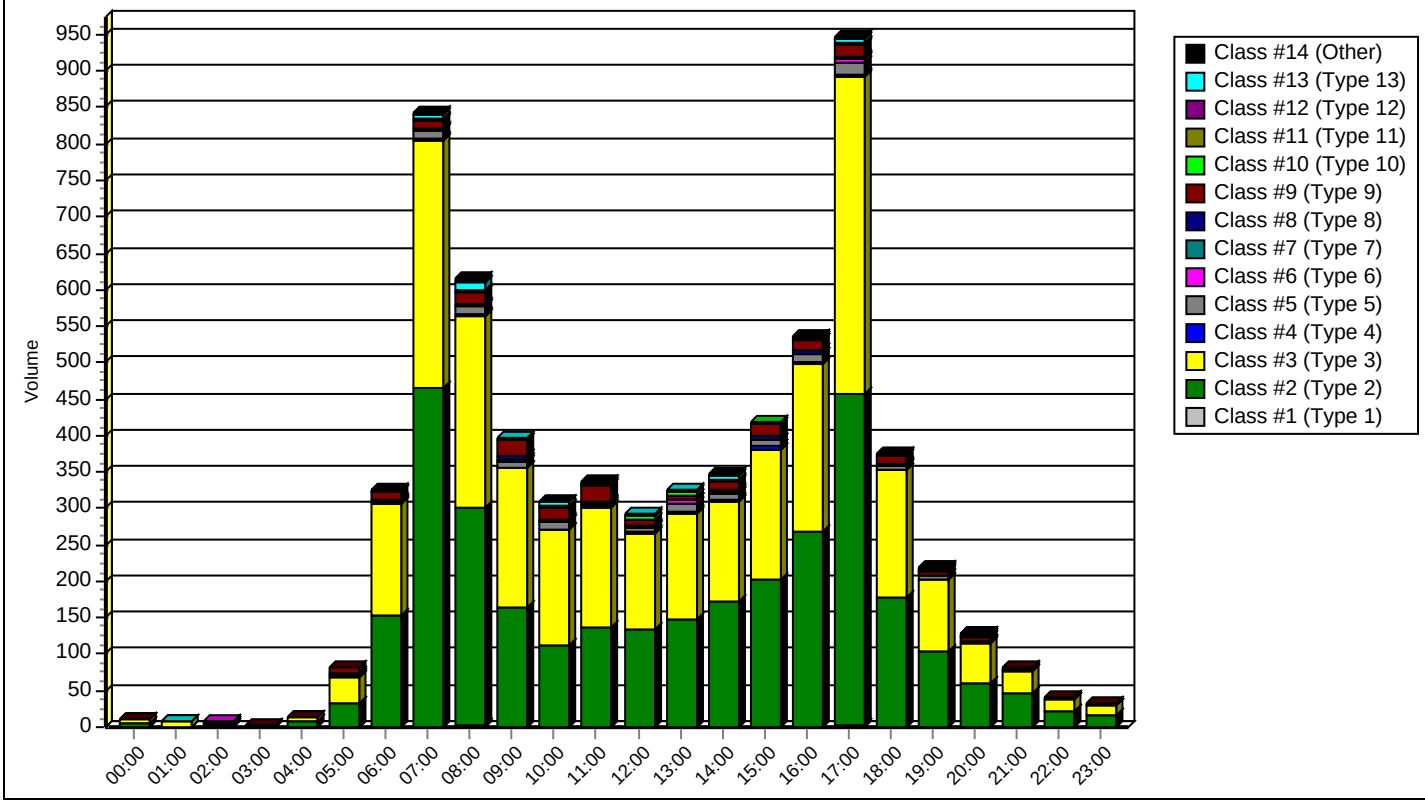
(AXLE) Description	Lane	#1 Type1	#2 Type2	#3 Type3	#4 Type4	#5 Type5	#6 Type6	#7 Type7	#8 Type8	#9 Type9	#10 Type10	#11 Type11	#12 Type12	#13 Type13	#14 Other	Total
TOTAL COUNT :	#1.	13	3184	2960	33	126	25	3	32	223	31	1	3	55	22	6711
		13	3184	2960	33	126	25	3	32	223	31	1	3	55	22	6711
Percents :	#1.	0%	47%	44%	0%	2%	0%	0%	0%	3%	0%	0%	0%	1%	0%	100%
		0%	47%	44%	0%	2%	0%	0%	0%	3%	0%	0%	0%	1%	0%	
Average :	#1.	0	12	11	0	0	0	0	0	1	0	0	0	0	0	24
		0	12	11	0	0	0	0	0	1	0	0	0	0	0	24
Days & ADT :	#1.	2.7	2477													
		2.7	2477													

4P0000456 Axle Class Charts For Data From: 17:00 - 04/11/2011 To: 10:14 - 04/14/2011

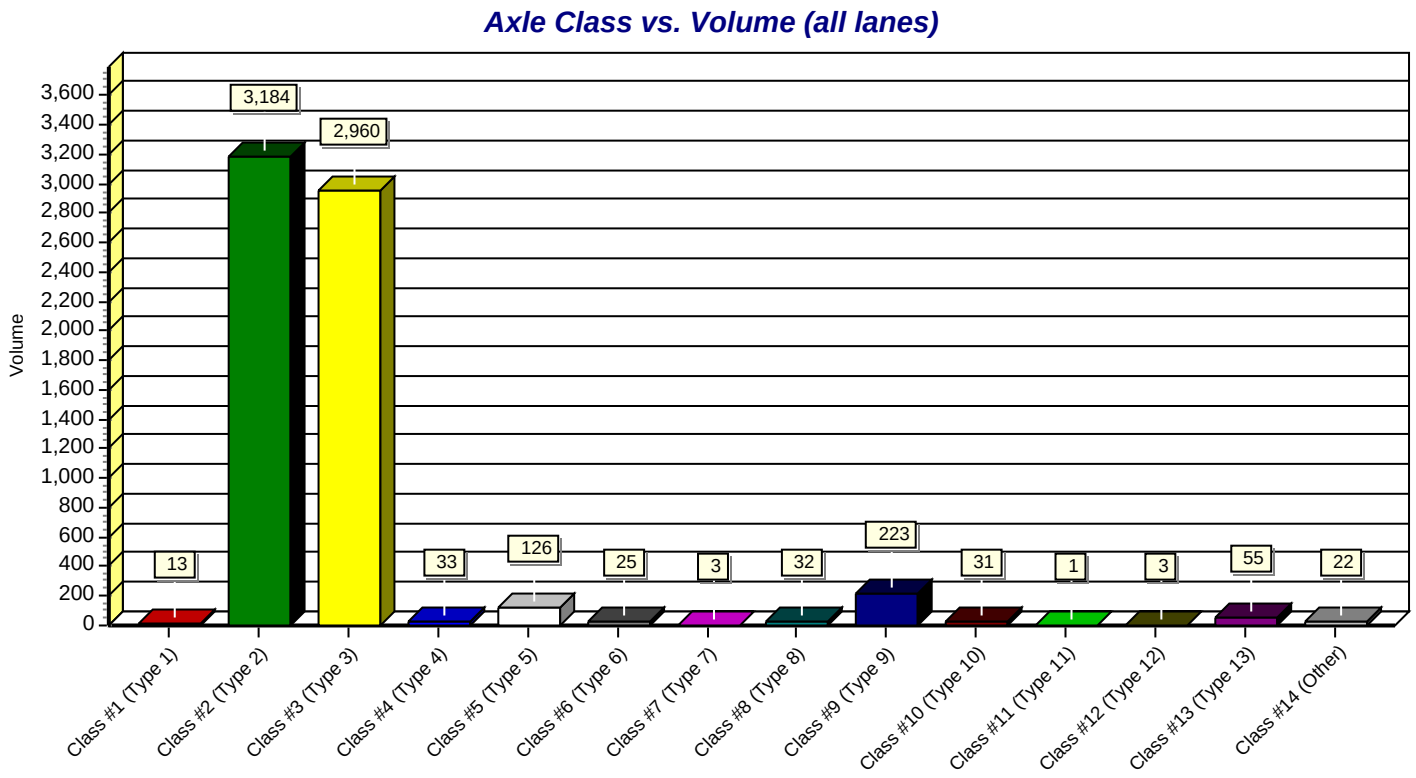
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0000456 Axle Class Charts For Data From: 17:00 - 04/11/2011 To: 10:14 - 04/14/2011



Basic Speed Classification Report: 4P0000456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 17:00 - 04/11/2011 To: 10:14 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/11/201	17:00	0	0	0	0	0	0	0	0	0	2	27	41	12	0	1	0	83
Mon	17:15	0	0	0	0	0	0	0	0	0	1	16	55	6	1	0	0	79
	17:30	0	0	0	0	0	0	0	0	3	16	56	48	6	0	0	0	129
	17:45	0	0	0	0	0	0	0	0	0	0	17	22	7	0	0	0	46
	18:00	0	0	0	0	0	0	0	0	0	1	6	28	7	0	0	0	42
	18:15	0	0	0	0	0	0	0	0	0	0	5	15	3	0	0	0	23
	18:30	0	0	0	0	0	0	0	0	0	1	4	7	2	0	0	0	14
	18:45	0	0	0	0	0	0	0	0	0	1	6	11	6	1	0	0	25
	19:00	0	0	0	0	0	0	0	1	0	0	2	9	3	0	0	0	15
	19:15	0	0	0	0	0	0	0	0	0	0	9	13	2	1	0	0	25
	19:30	0	0	0	0	0	0	0	0	0	0	3	7	6	0	0	0	16
	19:45	0	0	0	0	0	0	0	0	0	0	1	9	1	0	0	0	11
	20:00	0	0	0	0	0	0	0	0	0	1	3	3	0	0	0	0	7
	20:15	0	0	0	0	0	0	0	0	0	0	6	6	2	1	0	0	15
	20:30	0	0	0	0	0	0	0	0	0	0	8	6	0	0	0	0	14
	20:45	0	0	0	0	0	0	0	0	0	1	4	2	2	0	0	0	9
	21:00	0	0	0	0	0	0	0	0	0	2	2	4	1	0	0	0	9
	21:15	0	0	0	0	0	0	0	0	1	1	6	4	1	0	0	0	13
	21:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	21:45	0	0	0	0	0	0	0	0	0	0	2	5	1	0	0	0	8
	22:00	0	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	5
	22:15	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	5
	22:30	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	23:15	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
	23:30	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Daily Total :		0	0	0	0	0	0	0	3	4	29	196	307	69	4	1	0	613
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	5%	32%	50%	11%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	7	11	2	0	0	0	24

Speeds - Average: 70.9 50% : 71.3 67% : 72.9 85% : 74.7 10mph Pace: 65.0 - 74.9 (82.1%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	00:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	3
Tue	00:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	05:15	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	6
	05:30	0	0	0	0	0	0	0	0	0	0	2	3	3	0	1	0	9
	05:45	0	0	0	0	0	0	0	0	0	0	3	4	2	2	1	0	12
	06:00	0	0	0	0	0	0	0	0	0	0	1	7	3	1	0	0	12
	06:15	0	0	0	0	0	0	0	0	0	0	2	9	3	0	0	0	14
	06:30	0	0	0	0	0	0	0	0	0	0	6	19	7	2	1	0	35
	06:45	0	0	0	0	0	0	0	0	0	0	8	19	9	3	0	0	39
	07:00	0	0	0	0	0	0	0	0	0	0	5	24	11	0	1	0	41
	07:15	0	0	0	0	0	0	0	0	0	1	10	21	5	1	1	0	39
	07:30	0	0	0	0	0	0	0	0	0	1	11	54	27	7	0	0	100
	07:45	0	0	0	0	0	0	0	0	0	0	10	50	36	9	2	0	107
	08:00	0	0	0	0	0	0	0	0	0	1	9	32	14	2	0	0	58
	08:15	0	0	0	0	0	0	0	0	0	0	19	27	8	0	0	0	54
	08:30	0	0	0	0	0	0	0	0	0	0	8	25	3	1	1	0	38
	08:45	0	0	0	0	0	0	0	0	0	1	22	31	10	2	0	0	66
	09:00	0	0	0	0	0	0	0	0	1	2	13	22	5	0	0	0	43
	09:15	0	0	0	0	0	0	0	0	0	1	6	19	5	0	0	0	31
	09:30	0	0	0	0	0	0	0	0	0	0	5	15	10	1	0	0	31
	09:45	0	0	0	0	0	0	0	0	1	1	11	15	6	1	0	0	35
	10:00	0	0	0	0	0	0	0	0	0	1	8	16	6	1	1	0	33
	10:15	0	0	0	0	0	0	0	0	0	0	12	15	7	2	0	0	36
	10:30	0	0	0	0	0	0	0	0	0	0	10	20	6	0	0	0	36
	10:45	0	0	0	0	0	0	0	0	0	0	12	25	5	1	0	0	43
	11:00	0	0	0	0	0	0	0	0	0	2	19	22	1	1	1	0	46
	11:15	0	0	0	0	0	0	0	0	0	0	10	18	6	0	1	0	35
	11:30	0	0	0	0	0	0	0	0	0	0	12	30	6	2	0	0	50
	11:45	0	0	0	0	0	0	0	0	0	0	11	20	10	1	0	0	42
	12:00	0	0	0	0	0	0	0	0	0	0	9	21	7	1	0	0	38
	12:15	0	0	0	0	0	0	0	0	0	3	11	21	3	0	0	0	38

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/12/201	12:30	0	0	0	0	0	0	0	0	0	2	12	15	3	2	0	0	34
Tue	12:45	0	0	0	0	0	0	0	0	0	0	10	17	6	1	0	0	34
	13:00	0	0	0	0	0	0	0	0	0	0	7	21	9	3	1	0	41
	13:15	0	0	0	0	0	0	0	0	0	0	14	25	5	1	0	0	45
	13:30	0	0	0	0	0	0	0	0	0	1	7	20	4	2	0	0	34
	13:45	0	0	0	0	0	0	0	0	0	0	11	19	8	1	0	0	39
	14:00	0	0	0	0	0	0	0	0	0	1	14	17	4	0	0	0	36
	14:15	0	0	0	0	0	0	0	0	0	0	15	22	8	4	0	0	49
	14:30	0	0	0	0	0	0	0	0	0	1	16	21	3	0	0	0	41
	14:45	0	0	0	0	0	0	0	0	0	0	7	20	2	0	0	0	29
	15:00	0	0	0	0	0	0	0	0	0	1	15	14	6	0	0	0	36
	15:15	0	0	0	0	0	0	0	0	0	0	9	18	11	0	1	0	39
	15:30	0	0	0	0	0	0	0	0	0	1	15	38	11	1	0	0	66
	15:45	0	0	0	0	0	0	0	0	0	1	3	27	10	2	0	0	43
	16:00	0	0	0	0	0	0	0	0	0	0	11	32	15	3	0	0	61
	16:15	0	0	0	0	0	0	0	0	0	4	18	31	4	0	0	0	57
	16:30	0	0	0	0	0	0	0	0	0	0	20	38	6	1	1	0	66
	16:45	0	0	0	0	0	0	0	0	0	0	19	39	12	1	0	0	71
	17:00	0	0	0	0	0	0	0	0	0	1	25	44	13	0	0	0	83
	17:15	0	0	0	0	0	0	0	0	0	1	18	53	15	1	1	0	89
	17:30	0	0	0	0	0	0	0	0	0	0	10	36	22	4	3	0	75
	17:45	0	0	0	0	0	0	0	0	0	0	8	38	12	2	0	0	60
	18:00	0	0	0	0	0	0	0	0	0	0	4	28	10	3	0	0	45
	18:15	0	0	0	0	0	0	0	0	0	0	5	13	6	1	0	0	25
	18:30	0	0	0	0	0	0	0	0	0	1	10	19	7	1	0	0	38
	18:45	0	0	0	0	0	0	0	0	0	1	4	14	0	0	0	0	19
	19:00	0	0	0	0	0	0	0	0	0	0	2	14	3	0	0	0	19
	19:15	0	0	0	0	0	0	0	0	0	0	4	13	3	0	2	0	22
	19:30	0	0	0	0	0	0	0	0	0	0	3	9	5	0	0	0	17
	19:45	0	0	0	0	0	0	0	0	0	0	4	13	1	0	0	0	18
	20:00	0	0	0	0	0	0	0	0	0	1	4	7	2	0	0	0	14
	20:15	0	0	0	0	0	0	0	0	0	2	0	9	4	0	0	0	15
	20:30	0	0	0	0	0	0	0	0	1	1	7	8	0	0	0	0	17
	20:45	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	6
	21:00	0	0	0	0	0	0	0	0	1	0	4	4	0	0	0	0	9
	21:15	0	0	0	0	0	0	0	0	0	0	4	9	2	0	0	0	15
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:45	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	1	1	3	0	0	0	0	5
	23:15	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	0	0	0	0	0	0	0	4	39	617	1398	461	75	22	0	2616
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	24%	53%	18%	3%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	6	15	5	1	0	0	21

Speeds - Average: 72.6 50% : 72.4 67% : 73.9 85% : 76.9 10mph Pace: 65.0 - 74.9 (77.0%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
	01:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	05:30	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	7
	05:45	0	0	0	0	0	0	0	0	0	1	4	5	2	1	0	0	13
	06:00	0	0	0	0	0	0	0	0	0	0	3	5	3	1	0	0	12
	06:15	0	0	0	0	0	0	0	0	0	1	1	9	5	0	0	0	16
	06:30	0	0	0	0	0	0	0	0	0	0	4	19	8	1	1	0	33
	06:45	0	0	0	0	0	0	0	0	0	1	4	31	15	4	1	0	56
	07:00	0	0	0	0	0	0	0	0	0	0	7	30	19	3	2	0	61
	07:15	0	0	0	0	0	0	0	0	0	0	7	28	11	2	1	0	49
	07:30	0	0	0	0	0	0	0	0	0	1	13	44	22	2	1	0	83
	07:45	0	0	0	0	0	0	0	0	0	0	10	45	29	6	0	0	90
	08:00	0	0	0	0	0	0	0	0	0	0	8	26	22	2	0	0	58
	08:15	0	0	0	0	0	0	0	0	0	0	3	25	13	5	0	0	46
	08:30	0	0	0	0	0	0	0	0	0	4	9	22	12	2	0	0	49
	08:45	0	0	0	0	0	0	0	0	0	0	7	32	6	2	0	0	47
	09:00	0	0	0	0	0	0	0	0	0	0	11	20	2	2	1	0	36
	09:15	0	0	0	0	0	0	0	0	0	1	10	19	5	0	0	0	35
	09:30	0	0	0	0	0	0	0	0	0	0	4	18	2	1	0	0	25
	09:45	0	0	0	0	0	0	0	0	0	2	14	15	3	1	0	0	35
	10:00	0	0	0	0	0	0	0	0	0	1	11	14	3	1	0	0	30
	10:15	0	0	0	0	0	0	0	0	0	0	16	23	8	1	0	0	48
	10:30	0	0	0	0	0	0	0	0	0	1	15	22	7	2	0	0	47
	10:45	0	0	0	0	0	0	0	0	0	0	17	14	4	2	0	0	37
	11:00	0	0	0	0	0	0	0	0	0	0	6	27	10	1	1	0	45
	11:15	0	0	0	0	0	0	0	0	0	0	6	24	4	2	1	0	37
	11:30	0	0	0	0	0	0	0	0	0	1	5	23	8	1	0	0	38
	11:45	0	0	0	0	0	0	0	0	0	1	17	23	4	0	0	0	45
	12:00	0	0	0	0	0	0	0	0	0	0	16	16	1	0	0	0	33
	12:15	0	0	0	0	0	0	0	0	0	0	13	16	5	1	0	0	35

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/13/201	12:30	0	0	0	0	0	0	0	0	0	0	13	23	9	0	0	0	45
Wed	12:45	0	0	0	0	0	0	0	0	0	1	11	20	4	1	0	0	37
	13:00	0	0	0	0	0	0	0	0	0	0	10	23	7	0	1	0	41
	13:15	0	0	0	0	0	0	0	0	0	0	6	17	11	2	1	0	37
	13:30	0	0	0	0	0	0	0	0	0	1	8	19	4	1	0	0	33
	13:45	0	0	0	0	0	0	0	0	0	2	15	31	8	1	0	0	57
	14:00	0	0	0	0	0	0	0	0	0	0	13	20	7	2	0	0	42
	14:15	0	0	0	0	0	0	0	0	0	0	12	24	5	1	0	0	42
	14:30	0	0	0	0	0	0	0	0	0	0	18	30	12	4	0	0	64
	14:45	0	0	0	0	0	0	0	0	0	0	15	19	9	1	0	0	44
	15:00	0	0	0	0	0	0	0	0	0	0	11	33	10	0	0	0	54
	15:15	0	0	0	0	0	0	0	0	0	0	13	25	10	2	0	0	50
	15:30	0	0	0	0	0	0	0	0	0	0	14	31	10	0	1	0	56
	15:45	0	0	0	0	0	0	0	0	0	1	18	46	8	3	0	0	76
	16:00	1	0	0	0	0	0	0	0	0	1	15	44	13	2	2	0	78
	16:15	0	0	0	0	0	0	0	0	0	0	8	29	12	1	2	0	52
	16:30	0	0	0	0	0	0	0	0	0	0	16	45	12	2	0	0	75
	16:45	0	0	0	0	0	0	0	0	0	1	15	36	21	3	0	0	76
	17:00	0	0	0	0	0	0	0	0	0	0	13	50	25	1	0	0	89
	17:15	0	0	0	0	0	0	0	0	0	0	11	42	16	7	0	0	76
	17:30	0	0	0	0	0	0	0	0	0	1	12	50	12	4	0	0	79
	17:45	0	0	0	0	0	0	0	0	0	2	14	35	7	0	1	0	59
	18:00	0	0	0	0	0	0	0	0	0	0	8	28	10	1	1	0	48
	18:15	0	0	0	0	0	0	0	0	0	0	7	20	5	0	0	0	32
	18:30	0	0	0	0	0	0	0	0	0	2	14	13	3	0	0	0	32
	18:45	0	0	0	0	0	0	0	0	0	1	11	13	7	0	1	0	33
	19:00	0	0	0	0	0	0	0	0	0	0	4	16	3	1	0	0	24
	19:15	0	0	0	0	0	0	0	0	0	0	7	3	5	1	0	0	16
	19:30	0	0	0	0	0	0	0	0	0	2	6	9	2	1	0	0	20
	19:45	0	0	0	0	0	0	0	0	0	0	5	7	4	0	0	0	16
	20:00	0	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	6
	20:15	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	0	7
	20:30	0	0	0	0	0	0	0	0	0	1	4	4	1	0	0	0	10
	20:45	0	0	0	0	0	0	0	0	0	1	3	2	2	1	0	0	9
	21:00	0	0	0	0	0	0	0	0	0	1	3	4	1	0	0	0	9
	21:15	0	0	0	0	0	0	0	0	0	0	2	2	1	0	1	0	6
	21:30	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
	21:45	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	22:30	0	0	0	0	0	0	0	0	0	1	4	2	1	0	0	0	8
	22:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4
	23:15	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	0	0	0	0	0	0	3	36	622	1441	522	91	20	0	2736
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	23%	53%	19%	3%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	6	15	5	1	0	0	27

Speeds - Average: 72.8 50% : 72.5 67% : 74.1 85% : 77.2 10mph Pace: 65.0 - 74.9 (75.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
4/14/201	00:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	5
	05:30	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	6
	05:45	0	0	0	0	0	0	0	0	1	1	7	2	0	0	2	0	13
	06:00	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	0	7
	06:15	0	0	0	0	0	0	0	0	0	0	5	6	1	0	0	0	12
	06:30	0	0	0	0	0	0	0	0	0	0	6	26	6	0	2	0	40
	06:45	0	0	0	0	0	0	0	0	0	0	10	23	14	2	0	0	49
	07:00	0	0	0	0	0	0	0	0	0	0	5	24	6	1	1	0	37
	07:15	0	0	0	0	0	0	0	0	0	0	10	29	5	0	0	0	44
	07:30	0	0	0	0	0	0	0	0	0	1	17	45	16	0	0	0	79
	07:45	0	0	0	0	0	0	0	0	0	3	26	66	18	1	0	0	114
	08:00	0	0	0	0	0	0	0	0	0	5	25	26	7	0	0	0	63
	08:15	0	0	0	0	0	0	0	0	0	3	20	21	6	1	0	0	51
	08:30	0	0	0	0	0	0	0	0	0	1	14	23	4	0	0	0	42
	08:45	0	0	0	0	0	0	0	0	1	0	16	16	10	1	0	0	44
	09:00	0	0	0	0	0	0	0	0	1	2	11	11	0	2	0	0	27
	09:15	0	0	0	0	0	0	0	0	0	0	12	21	2	0	0	0	35
	09:30	0	0	0	0	0	0	0	0	0	2	16	18	1	0	0	0	37
	09:45	0	0	0	0	0	0	0	2	7	9	1	9	0	0	0	0	28
Daily Total :		0	0	0	0	0	0	0	2	10	29	214	380	97	9	5	0	746
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	4%	29%	51%	13%	1%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	5	10	2	0	0	0	27

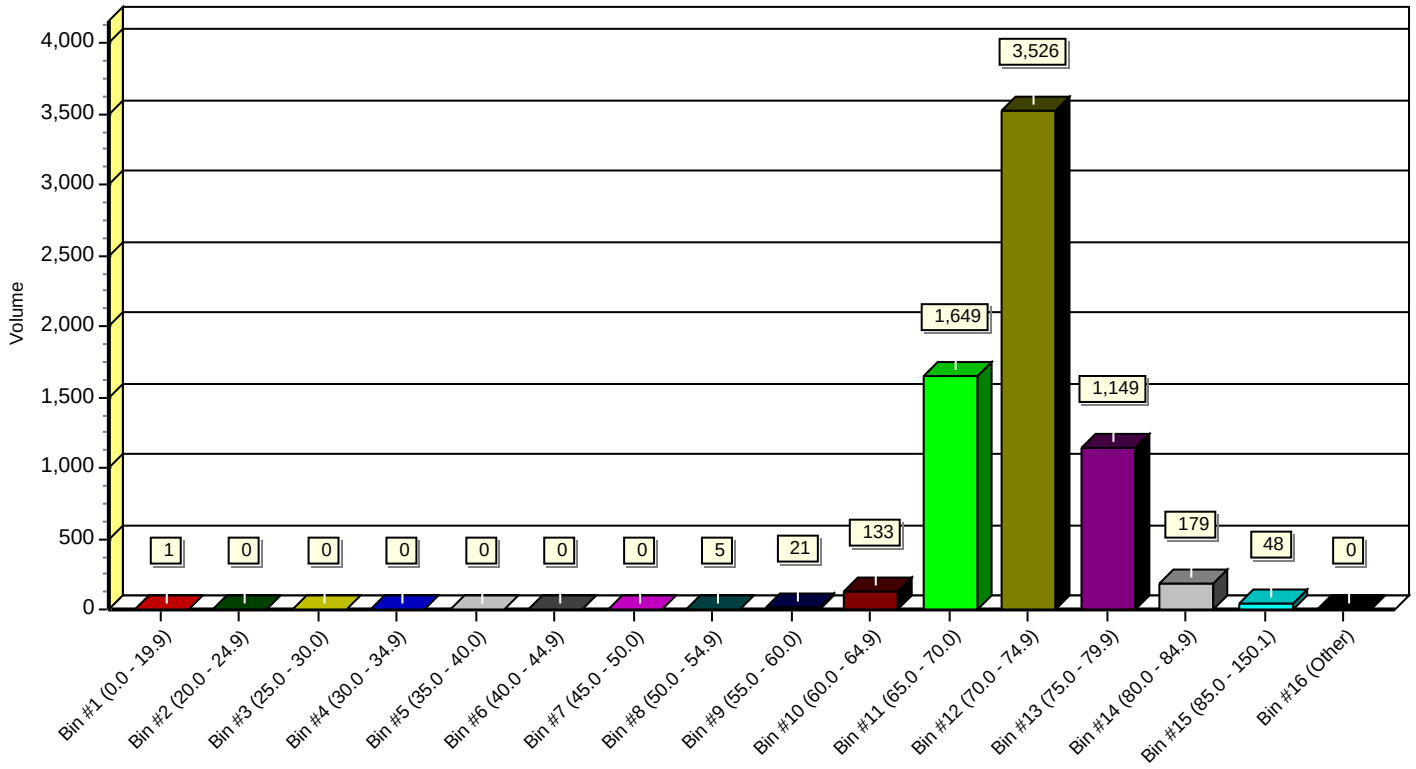
Speeds - Average: 71.5 50% : 71.7 67% : 73.3 85% : 75.0 10mph Pace: 65.0 - 74.9 (79.6%)

Basic Speed Class Summary: 4P0000456

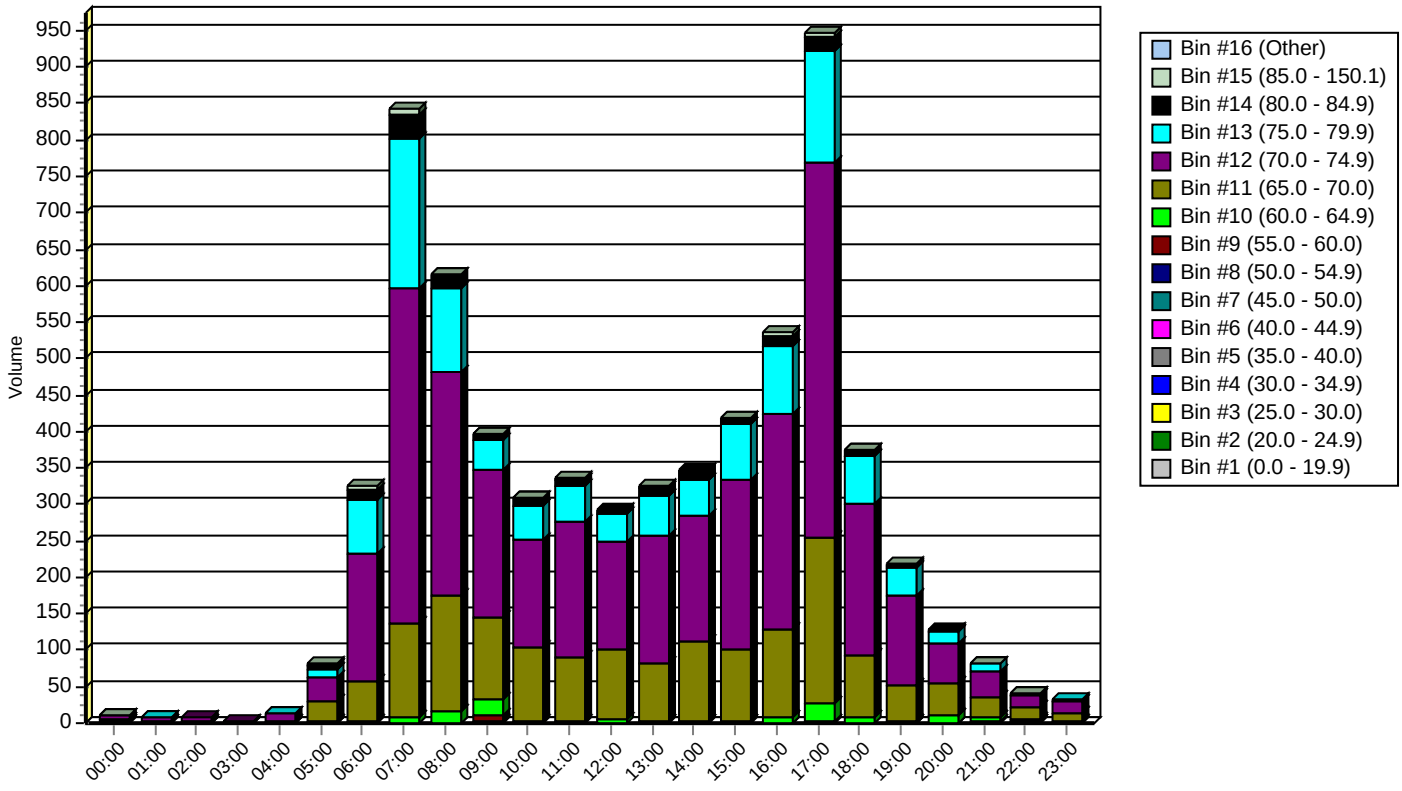
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	1	0	0	0	0	0	0	5	21	133	1649	3526	1149	179	48	0	6711
		1	0	0	0	0	0	0	5	21	133	1649	3526	1149	179	48	0	6711
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	25%	53%	17%	3%	1%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	25%	53%	17%	3%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	1	6	14	4	1	0	0	26
		0	0	0	0	0	0	0	0	0	1	6	14	4	1	0	0	26
Days & ADT :	#1.	2.7	2477															
		2.7	2477															
Avg,50,67,85%:	#1.	72.4	72.3	73.9	76.7	65.0	- 74.9	77%										
		72.4	72.3	73.9	76.7	65.0	- 74.9	77%										

4P0000456 Speed Class Charts For Data From: 17:00 - 04/11/2011 To: 10:14 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0031456

Station ID : 2D0031456
Info Line 1 : 90994480
Info Line 2 : I-90 W OF 27TH
GPS Lat/Lon :
DB File : 2D0031456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11444
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DR LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 07:30 - 04/11/2011 To: 11:29 - 04/13/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	07:30	0	90	72	2	1	3	0	2	6	0	1	0	1	0	178
Mon	07:45	1	82	71	1	1	6	1	1	7	5	1	0	1	1	179
	08:00	0	61	50	1	4	1	1	1	8	0	0	0	1	2	130
	08:15	0	65	55	1	0	1	0	1	8	3	0	0	5	2	141
	08:30	2	64	61	1	7	1	1	4	11	2	0	0	4	2	160
	08:45	0	47	68	0	5	3	0	1	10	2	0	0	0	2	138
	09:00	0	53	51	1	3	2	0	2	11	0	0	0	1	0	124
	09:15	0	42	56	4	4	2	1	4	11	0	0	0	0	1	125
	09:30	0	52	56	1	2	2	0	3	17	0	0	0	2	0	135
	09:45	1	56	71	0	1	2	0	3	10	1	0	1	3	3	152
	10:00	0	50	54	2	3	2	0	3	16	1	0	0	1	0	132
	10:15	0	58	45	1	2	5	0	5	12	1	0	1	1	0	131
	10:30	0	45	60	0	3	4	0	0	11	1	0	0	1	0	125
	10:45	0	58	56	1	0	1	0	2	13	2	0	0	2	2	137
	11:00	0	61	49	0	0	1	0	2	9	0	0	0	4	1	127
	11:15	0	58	57	4	4	5	0	4	10	1	0	1	5	1	150
	11:30	1	62	46	0	1	2	0	2	12	2	0	0	2	1	131
	11:45	1	52	48	1	2	3	0	2	14	9	0	0	6	1	139
	12:00	0	64	49	0	3	0	0	3	12	2	0	0	3	0	136
	12:15	0	33	43	0	0	3	0	2	10	0	0	0	1	1	93
	12:30	0	56	71	0	0	3	0	1	11	3	0	0	4	1	150
	12:45	0	62	68	0	7	2	0	5	10	0	0	0	2	0	156
	13:00	0	71	63	3	4	2	0	1	15	1	1	0	2	1	164
	13:15	0	55	67	1	2	2	0	2	14	2	0	1	3	2	151
	13:30	0	77	51	2	4	4	0	5	11	1	0	0	2	1	158
	13:45	0	79	68	3	1	2	0	5	11	4	0	0	1	2	176
	14:00	0	64	64	2	1	1	0	7	12	4	0	1	3	0	159
	14:15	1	64	68	1	5	1	0	2	13	1	0	1	3	0	160
	14:30	1	69	72	2	1	3	0	4	16	3	0	0	4	1	176
	14:45	1	65	64	1	4	2	0	2	13	2	0	0	1	2	157
	15:00	0	86	77	0	1	5	0	3	13	0	0	0	4	0	189
	15:15	0	80	61	0	2	4	0	2	10	3	0	1	2	2	167
	15:30	0	96	56	2	1	1	0	0	12	3	0	0	4	1	176
	15:45	0	90	84	1	2	3	0	2	15	3	0	0	4	0	204

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	16:00	1	85	73	0	5	0	0	1	10	4	0	0	1	1	181
Mon	16:15	0	98	83	0	5	4	0	6	11	3	0	0	4	3	217
	16:30	0	101	89	1	4	1	0	2	17	0	0	0	2	0	217
	16:45	0	98	92	1	4	1	0	2	15	2	0	1	2	0	218
	17:00	0	96	97	0	2	1	0	2	12	3	0	0	0	1	214
	17:15	4	89	91	1	1	1	0	1	11	0	0	0	0	0	199
	17:30	0	111	75	1	3	1	0	1	14	1	0	0	0	0	207
	17:45	2	103	71	0	4	0	0	2	7	1	0	0	2	1	193
	18:00	1	92	69	0	2	2	0	1	6	0	0	0	2	1	176
	18:15	0	80	44	2	1	0	0	3	10	3	0	0	1	1	145
	18:30	2	61	42	1	0	0	0	2	16	1	0	0	2	1	128
	18:45	1	72	45	5	1	0	0	2	6	2	0	0	5	0	139
	19:00	1	69	59	0	1	1	0	0	6	1	0	0	1	0	139
	19:15	0	57	40	1	2	0	0	1	11	4	0	0	2	1	119
	19:30	0	53	53	2	0	1	0	0	8	2	0	0	1	1	121
	19:45	1	40	36	2	1	1	0	0	14	1	0	0	1	0	97
	20:00	0	34	24	0	0	0	0	1	7	0	0	0	0	0	66
	20:15	0	39	23	1	0	0	0	2	10	0	0	0	3	0	78
	20:30	1	35	27	1	0	0	0	1	6	0	0	0	0	0	71
	20:45	0	38	36	1	2	0	0	2	4	0	0	0	1	0	84
	21:00	0	45	28	0	1	1	0	1	6	0	0	0	1	0	83
	21:15	0	42	33	0	1	0	0	1	6	1	0	1	0	0	85
	21:30	0	43	18	0	0	0	0	1	6	0	0	0	1	0	69
	21:45	0	24	25	1	0	0	0	0	6	0	0	0	2	0	58
	22:00	0	19	16	0	1	0	0	0	7	0	0	0	1	0	44
	22:15	0	28	13	0	0	0	0	1	6	0	0	0	0	0	48
	22:30	0	24	17	0	1	0	0	0	5	0	0	0	2	0	49
	22:45	0	18	15	1	0	1	0	0	2	0	1	1	2	0	41
	23:00	0	23	4	0	0	0	0	1	1	0	0	0	1	1	31
	23:15	0	15	5	0	1	0	0	0	3	0	0	0	1	0	25
	23:30	1	16	5	0	1	0	0	0	5	0	0	1	0	0	29
	23:45	0	15	6	1	1	0	0	0	4	0	0	0	1	0	28
Daily Total :		24	3930	3406	62	126	100	4	125	652	91	4	11	125	45	8705
	Percent :	0%	45%	39%	1%	1%	1%	0%	1%	7%	1%	0%	0%	1%	1%	
	Average :	0	60	52	1	2	2	0	2	10	1	0	0	2	1	133

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	18	5	0	1	0	0	1	2	1	0	0	2	0	30
Tue	00:15	0	10	4	0	0	0	0	2	3	0	0	0	0	0	19
	00:30	0	8	7	0	0	0	0	2	2	0	0	0	2	0	21
	00:45	0	4	1	0	1	0	0	0	0	1	1	0	0	0	8
	01:00	0	4	1	0	0	0	0	0	4	0	0	1	0	0	10
	01:15	0	4	4	0	0	0	0	2	3	0	0	0	0	0	13
	01:30	0	4	2	0	0	0	0	0	4	0	0	0	1	0	11
	01:45	0	8	4	0	0	1	0	0	1	0	0	0	1	0	15
	02:00	0	5	1	0	0	0	0	1	2	0	0	0	0	0	9
	02:15	0	5	2	0	1	0	0	1	2	0	0	0	1	0	12
	02:30	0	6	2	0	0	0	0	1	3	0	0	0	0	1	13
	02:45	0	3	5	0	1	0	0	0	1	0	0	0	0	0	10
	03:00	0	4	1	0	1	1	0	1	5	0	0	1	3	0	17
	03:15	0	5	2	0	1	0	0	1	2	0	0	0	1	1	13
	03:30	0	9	1	0	0	0	0	2	5	0	0	1	0	1	19
	03:45	0	6	8	0	0	0	0	0	6	3	0	0	3	0	26
	04:00	0	8	7	0	1	0	0	0	5	0	0	1	1	0	23
	04:15	0	7	7	0	0	0	0	0	4	0	0	0	3	0	21
	04:30	0	19	21	0	0	1	0	1	2	2	0	0	2	2	50
	04:45	0	18	12	0	1	0	0	0	1	0	0	0	1	0	33
	05:00	0	17	16	0	1	1	0	1	0	1	0	0	0	0	37
	05:15	0	24	12	0	1	0	0	0	6	0	0	0	1	2	46
	05:30	0	28	24	1	1	0	0	0	1	1	0	0	1	0	57
	05:45	1	29	38	1	0	2	0	0	3	1	0	0	1	0	76
	06:00	0	38	41	0	2	0	0	1	3	2	0	1	2	0	90
	06:15	0	54	39	2	0	3	0	1	3	0	1	0	3	0	106
	06:30	0	67	60	0	3	2	0	2	9	1	0	0	1	2	147
	06:45	0	60	63	1	2	2	1	0	7	4	0	0	1	1	142
	07:00	0	73	59	1	2	3	0	1	7	1	0	0	2	0	149
	07:15	0	77	65	2	2	1	0	4	8	1	0	0	3	1	164
	07:30	0	100	61	2	2	3	0	5	15	2	0	0	3	0	193
	07:45	0	89	86	1	1	5	0	0	12	1	0	0	1	1	197
	08:00	1	74	75	2	1	3	0	5	11	2	0	0	3	2	179
	08:15	0	70	50	1	1	1	0	8	10	3	0	0	1	2	147
	08:30	1	72	62	1	2	0	0	4	11	1	0	0	3	1	158
	08:45	1	66	64	2	5	3	0	0	14	1	0	0	3	2	161
	09:00	0	62	76	1	1	2	0	4	19	0	1	0	1	1	168
	09:15	0	46	49	1	2	2	0	3	17	2	0	0	3	0	125
	09:30	0	62	58	3	1	1	0	3	13	1	0	0	6	0	148
	09:45	0	56	54	1	1	3	0	2	15	1	0	0	2	0	135
	10:00	1	59	57	0	1	1	0	1	11	3	0	1	3	2	140
	10:15	0	42	61	1	4	1	0	1	11	4	0	0	5	0	130
	10:30	0	59	72	2	3	2	0	2	11	1	0	0	1	0	153
	10:45	0	71	61	1	5	1	0	1	16	0	0	0	1	2	159
	11:00	1	67	65	0	1	4	0	2	11	2	0	0	6	0	159
	11:15	1	51	54	0	3	2	0	1	17	0	0	0	5	2	136
	11:30	0	69	61	2	1	3	0	6	16	2	0	0	2	0	162
	11:45	0	58	60	1	3	1	0	1	20	1	0	0	2	0	147
	12:00	1	66	51	0	3	2	0	3	9	1	0	0	2	0	138
	12:15	1	64	63	1	4	1	0	2	10	1	0	0	2	0	149

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	58	61	1	2	2	0	2	11	1	0	2	3	0	143
Tue	12:45	2	64	72	0	3	3	0	1	10	2	0	0	1	0	158
	13:00	0	77	60	5	1	3	0	1	16	2	0	0	4	0	169
	13:15	0	73	53	0	3	2	0	2	15	3	0	0	3	0	154
	13:30	0	70	67	2	4	2	0	1	20	3	0	0	0	0	169
	13:45	3	65	62	1	5	2	0	2	14	3	0	0	3	0	160
	14:00	0	60	54	3	2	2	0	1	9	0	0	2	0	2	135
	14:15	0	54	63	2	8	3	0	3	18	1	0	0	5	0	157
	14:30	1	59	68	3	3	7	0	3	14	1	0	0	5	1	165
	14:45	2	71	65	2	6	1	0	4	11	2	0	0	4	1	169
	15:00	0	76	68	0	0	3	0	2	21	2	0	0	3	2	177
	15:15	0	64	83	2	6	2	0	4	22	6	0	0	0	2	191
	15:30	2	105	58	1	2	2	0	1	9	1	0	0	4	1	186
	15:45	0	83	59	1	3	0	0	7	10	2	0	0	4	1	170
	16:00	1	94	80	1	3	2	0	3	12	4	0	0	1	1	202
	16:15	3	103	71	1	2	0	0	2	12	0	0	0	3	1	198
	16:30	2	94	93	1	0	0	0	1	7	0	0	0	1	1	200
	16:45	0	106	77	0	5	2	0	5	15	0	0	0	2	0	212
	17:00	4	113	84	1	3	0	0	3	11	0	0	0	3	1	223
	17:15	1	102	88	3	2	1	0	4	9	2	0	0	1	0	213
	17:30	0	108	70	0	2	1	0	3	13	1	0	0	1	1	200
	17:45	0	87	57	0	2	2	0	7	11	2	0	0	4	0	172
	18:00	0	81	66	1	3	0	0	0	10	0	0	0	3	1	165
	18:15	1	90	58	2	1	0	0	2	8	0	1	0	2	0	165
	18:30	0	83	53	3	2	1	0	3	7	0	0	0	1	0	153
	18:45	0	73	45	1	3	0	0	2	11	2	0	0	1	1	139
	19:00	0	56	54	2	0	1	0	0	12	1	0	0	0	1	127
	19:15	0	46	41	1	0	0	0	4	10	2	0	0	0	0	104
	19:30	0	61	40	1	0	0	0	3	5	1	0	0	0	1	112
	19:45	1	59	27	2	1	1	0	3	6	1	0	0	1	1	103
	20:00	0	56	43	1	1	0	0	0	7	0	0	0	1	0	109
	20:15	0	50	37	0	5	1	0	1	8	0	0	0	0	0	102
	20:30	0	51	35	0	1	0	0	1	7	0	0	1	0	0	96
	20:45	0	53	29	1	0	0	0	2	3	0	0	1	1	0	90
	21:00	2	47	28	0	1	0	0	0	8	1	0	0	1	0	88
	21:15	0	48	27	0	0	0	0	2	3	0	0	0	1	0	81
	21:30	0	38	13	0	2	1	0	0	5	0	0	0	1	1	61
	21:45	0	24	18	0	0	1	0	6	8	0	0	0	1	0	58
	22:00	0	23	14	0	1	0	0	3	6	0	0	0	3	1	51
	22:15	0	21	17	0	0	0	0	0	6	0	0	0	1	1	46
	22:30	0	17	18	0	0	1	0	0	3	0	0	2	1	0	42
	22:45	0	18	12	0	0	0	0	2	5	0	0	0	0	0	37
	23:00	0	17	9	0	0	0	0	1	3	0	0	0	0	1	31
	23:15	0	11	9	1	0	0	0	1	5	0	0	0	0	0	27
	23:30	0	8	9	0	0	0	0	3	4	0	0	1	1	0	26
	23:45	0	15	7	0	0	0	0	0	3	0	0	0	0	0	25
Daily Total :		34	4757	3976	77	155	107	1	180	816	94	4	15	166	50	10432
	Percent :	0%	46%	38%	1%	1%	1%	0%	2%	8%	1%	0%	0%	2%	0%	
	Average :	0	50	41	1	2	1	0	2	9	1	0	0	2	1	110

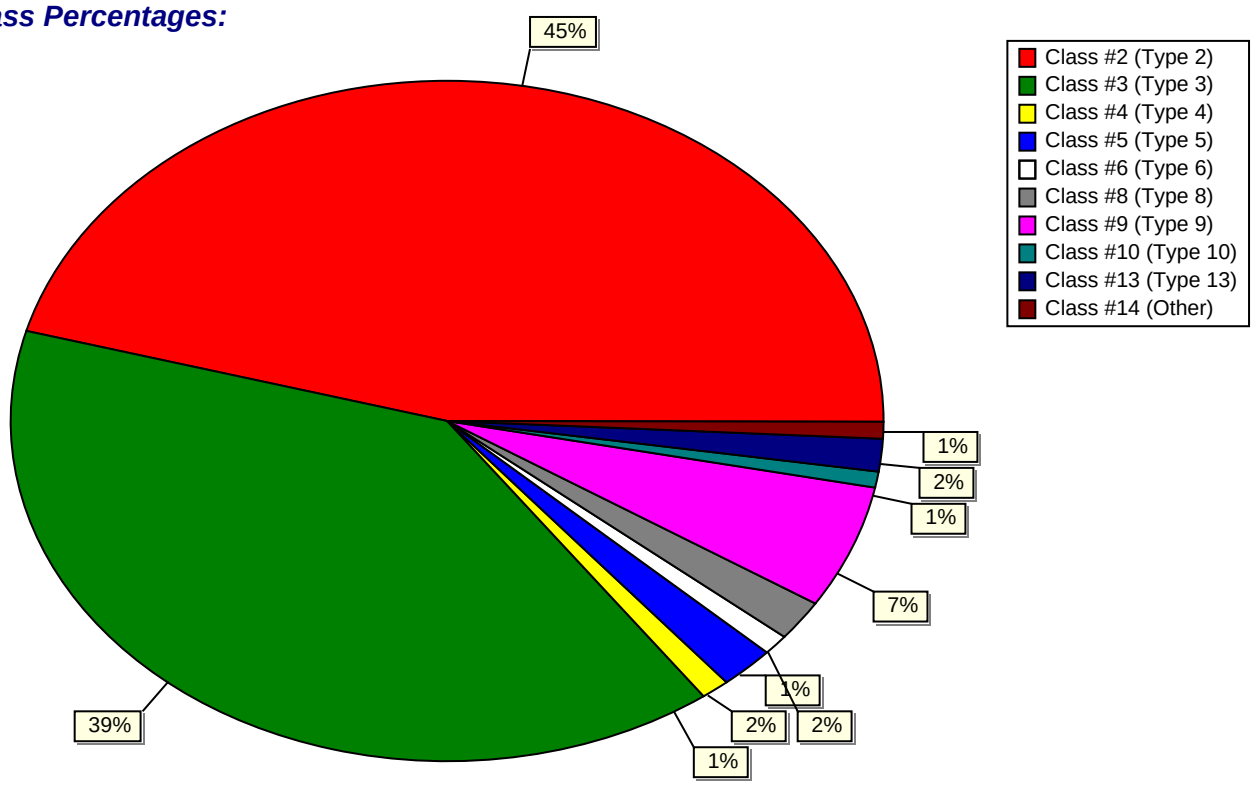
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	9	5	1	0	0	0	0	2	0	0	0	1	0	18
Wed	00:15	0	8	7	0	0	0	0	1	5	0	0	1	0	0	22
	00:30	0	9	5	0	1	0	0	1	2	0	0	0	0	1	19
	00:45	0	5	1	0	0	0	0	1	0	0	0	0	0	1	8
	01:00	0	3	3	0	1	0	0	0	1	0	0	1	2	0	11
	01:15	0	0	2	0	0	0	0	2	1	0	0	0	0	0	5
	01:30	0	5	3	0	0	0	0	1	3	0	0	0	0	0	12
	01:45	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	02:00	0	5	3	0	0	0	0	0	1	1	0	0	0	0	10
	02:15	0	2	3	0	1	0	0	1	1	2	0	0	0	0	10
	02:30	0	6	4	0	0	1	0	0	1	0	0	0	1	0	13
	02:45	0	0	1	0	2	0	0	3	1	0	0	0	1	0	8
	03:00	0	5	0	0	0	0	0	0	3	0	0	2	0	0	10
	03:15	0	2	2	0	0	0	0	1	2	0	0	0	0	0	7
	03:30	0	9	5	0	0	1	0	2	3	0	0	1	0	1	22
	03:45	0	7	8	0	0	0	0	0	1	1	0	0	1	0	18
	04:00	0	4	5	0	2	0	0	0	5	0	0	0	0	0	16
	04:15	0	13	9	1	0	0	0	2	6	0	0	1	1	0	33
	04:30	0	26	14	1	1	1	0	1	1	0	0	0	1	0	46
	04:45	0	19	9	0	0	0	0	0	0	0	0	0	1	0	29
	05:00	0	17	12	0	1	1	0	2	4	1	0	0	0	1	39
	05:15	0	16	12	0	1	0	0	1	3	0	0	0	2	0	35
	05:30	0	24	23	0	1	1	0	1	3	1	0	0	1	0	55
	05:45	0	34	28	1	0	0	0	0	5	0	0	1	0	0	69
	06:00	0	31	37	0	2	1	0	4	3	1	0	0	0	1	80
	06:15	1	53	42	2	1	2	1	3	8	0	0	0	0	0	113
	06:30	0	57	62	0	3	0	0	2	5	0	0	0	1	0	130
	06:45	0	63	53	1	0	1	0	2	6	1	1	1	1	1	131
	07:00	0	71	52	0	1	4	0	0	5	0	0	0	1	1	135
	07:15	0	77	49	1	5	3	0	2	5	1	0	0	2	1	146
	07:30	0	84	60	0	4	6	0	3	6	1	0	0	4	1	169
	07:45	0	80	71	1	3	2	0	5	4	0	1	1	3	0	171
	08:00	0	67	57	2	4	2	0	2	11	0	0	0	2	2	149
	08:15	0	56	61	1	3	1	0	1	5	3	2	0	2	2	137
	08:30	0	62	60	2	5	2	0	3	4	0	0	0	1	1	140
	08:45	0	57	68	0	2	1	1	2	12	0	0	0	1	0	144
	09:00	1	47	59	1	3	2	0	1	6	1	0	0	0	0	121
	09:15	0	52	59	2	4	3	0	2	11	4	0	0	1	0	138
	09:30	0	54	52	1	1	1	0	6	6	0	0	0	2	3	126
	09:45	0	48	64	2	2	1	0	3	11	1	0	1	3	1	137
	10:00	0	50	60	0	2	0	0	3	6	3	0	0	3	1	128
	10:15	0	44	52	1	8	0	0	2	11	4	0	0	1	1	124
	10:30	0	51	60	2	1	0	0	4	3	0	0	0	4	0	125
	10:45	2	64	53	0	2	2	0	3	14	2	0	0	1	0	143
	11:00	0	11	10	0	1	0	0	1	5	1	0	0	0	0	29
Daily Total :		4	1410	1308	23	68	39	2	74	202	29	4	10	45	20	3238
	Percent :	0%	44%	40%	1%	2%	1%	0%	2%	6%	1%	0%	0%	1%	1%	
	Average :	0	31	29	1	2	1	0	2	4	1	0	0	1	0	72

Basic Axle Class Summary: 2D0031456

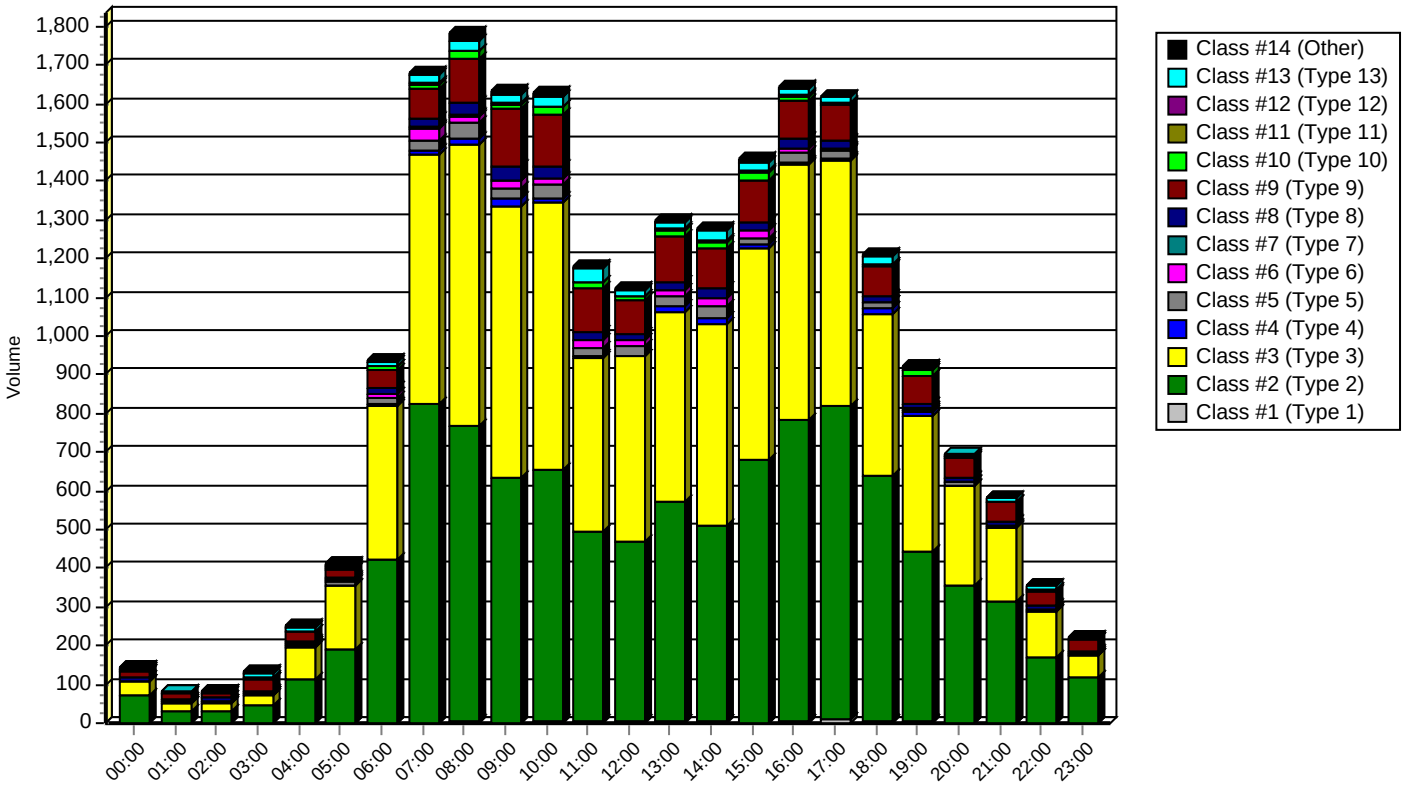
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	62	10097	8690	162	349	246	7	379	1670	214	12	36	336	115	22375
		62	10097	8690	162	349	246	7	379	1670	214	12	36	336	115	22375
Percents :	#1.	0%	45%	39%	1%	2%	1%	0%	2%	7%	1%	0%	0%	2%	1%	100%
		0%	45%	39%	1%	2%	1%	0%	2%	7%	1%	0%	0%	2%	1%	
Average :	#1.	0	49	42	1	2	1	0	2	8	1	0	0	2	1	109
		0	49	42	1	2	1	0	2	8	1	0	0	2	1	109
Days & ADT :	#1.	2.1	10376													
		2.1	10376													

2D0031456 Axle Class Charts For Data From: 07:30 - 04/11/2011 To: 11:29 - 04/13/2011

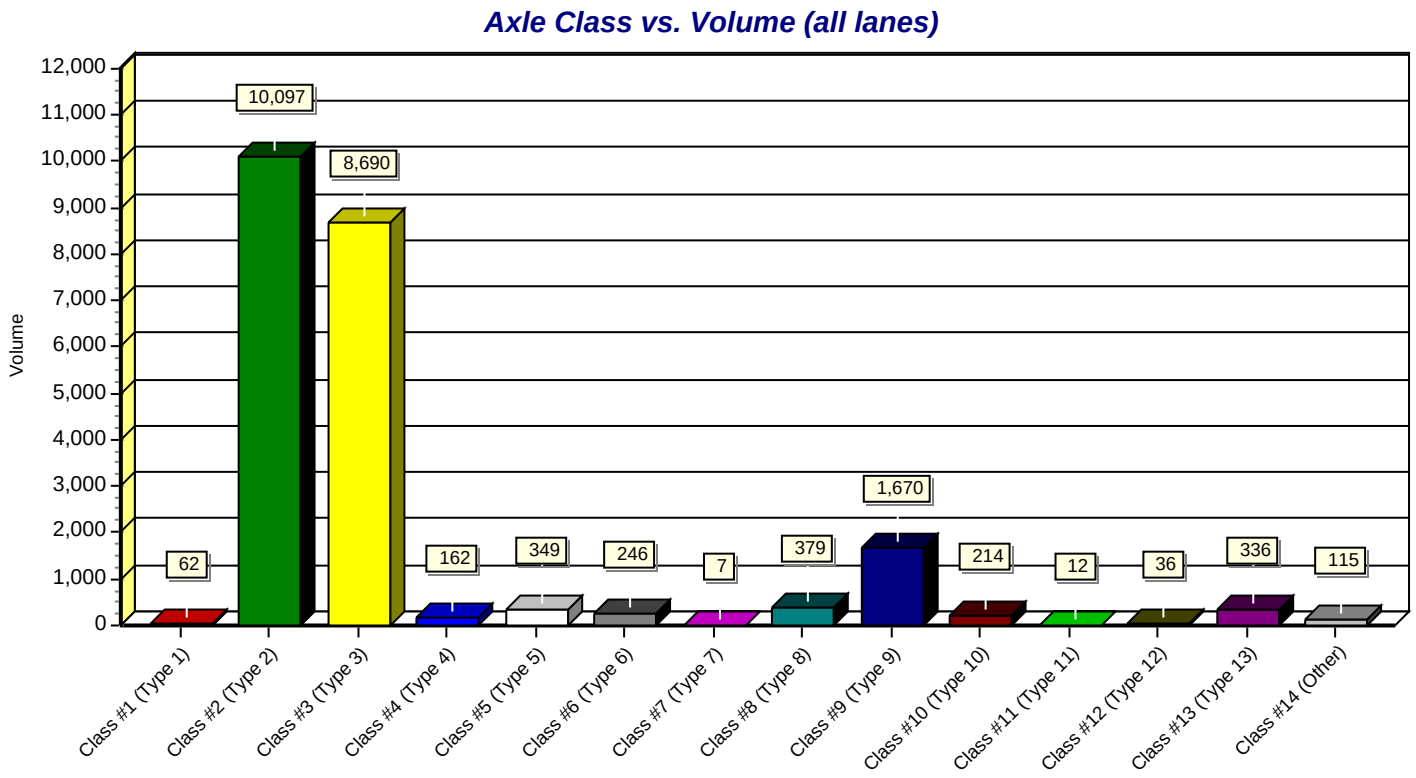
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0031456 Axle Class Charts For Data From: 07:30 - 04/11/2011 To: 11:29 - 04/13/2011



Basic Speed Classification Report: 2D0031456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB DR LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 07:30 - 04/11/2011 To: 11:29 - 04/13/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	07:30	0	0	0	0	0	0	1	3	24	68	73	9	0	0	0	0	178
Mon	07:45	1	0	0	0	0	1	0	2	9	47	91	27	1	0	0	0	179
	08:00	0	0	0	0	0	0	0	1	9	40	54	20	6	0	0	0	130
	08:15	0	0	0	0	0	0	0	3	15	48	57	17	1	0	0	0	141
	08:30	1	0	0	0	0	0	0	1	11	62	73	10	2	0	0	0	160
	08:45	0	0	1	0	0	0	0	0	11	54	66	6	0	0	0	0	138
	09:00	0	0	0	0	0	0	0	1	9	47	52	12	3	0	0	0	124
	09:15	0	0	0	0	0	0	2	5	6	46	54	11	0	0	1	0	125
	09:30	0	0	0	0	0	0	0	0	14	37	69	14	1	0	0	0	135
	09:45	1	0	0	0	0	0	1	1	14	60	64	11	0	0	0	0	152
	10:00	0	0	0	0	0	0	1	2	14	50	52	13	0	0	0	0	132
	10:15	0	0	0	0	0	0	0	2	6	52	57	14	0	0	0	0	131
	10:30	0	0	0	0	0	0	0	2	9	38	61	14	1	0	0	0	125
	10:45	0	0	0	0	0	0	0	0	4	40	71	19	2	0	1	0	137
	11:00	0	0	0	0	0	0	0	1	10	43	63	9	0	1	0	0	127
	11:15	0	0	0	0	0	0	1	4	9	47	66	21	1	1	0	0	150
	11:30	0	0	0	0	0	0	0	1	11	45	57	17	0	0	0	0	131
	11:45	0	0	0	0	0	0	1	0	6	68	46	16	2	0	0	0	139
	12:00	0	0	0	0	0	0	1	1	7	41	71	12	3	0	0	0	136
	12:15	0	0	0	0	0	0	0	6	25	48	12	2	0	0	0	0	93
	12:30	0	0	0	0	2	0	2	6	11	53	59	16	1	0	0	0	150
	12:45	0	0	0	0	0	0	2	1	10	61	72	10	0	0	0	0	156
	13:00	1	0	0	0	0	0	0	8	17	56	67	14	1	0	0	0	164
	13:15	0	0	0	0	0	0	1	3	10	54	72	10	1	0	0	0	151
	13:30	0	0	0	0	0	0	0	1	14	60	63	18	0	2	0	0	158
	13:45	0	0	0	0	0	0	0	0	13	55	83	22	2	1	0	0	176
	14:00	1	0	0	0	0	0	1	0	8	63	72	10	3	1	0	0	159
	14:15	0	0	0	0	0	0	1	4	10	52	75	14	3	1	0	0	160
	14:30	0	0	0	0	0	0	1	2	11	65	72	23	2	0	0	0	176
	14:45	0	0	0	0	0	0	1	5	19	54	63	12	3	0	0	0	157
	15:00	0	0	0	0	0	0	1	8	23	82	66	9	0	0	0	0	189
	15:15	1	0	0	0	0	0	3	4	9	51	83	14	2	0	0	0	167
	15:30	0	0	0	0	0	1	0	0	16	53	93	11	2	0	0	0	176
	15:45	0	0	0	0	0	0	0	2	9	70	105	18	0	0	0	0	204
	16:00	0	0	0	0	0	0	0	4	18	49	82	25	3	0	0	0	181
	16:15	0	0	0	0	0	0	0	4	32	115	62	4	0	0	0	0	217
	16:30	0	0	0	0	0	0	0	4	19	95	97	2	0	0	0	0	217
	16:45	0	0	0	0	0	0	0	2	17	87	99	13	0	0	0	0	218
	17:00	0	0	0	0	0	0	5	3	8	53	122	22	1	0	0	0	214
	17:15	0	0	0	0	0	0	1	1	10	65	93	28	1	0	0	0	199

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	17:30	0	0	0	0	0	0	0	1	12	46	114	31	3	0	0	0	207
Mon	17:45	0	0	0	0	0	0	1	2	6	40	100	38	5	1	0	0	193
	18:00	0	0	0	0	0	0	0	1	1	43	90	39	2	0	0	0	176
	18:15	0	0	0	0	0	0	0	0	5	51	63	25	1	0	0	0	145
	18:30	0	0	0	0	0	0	0	0	5	35	64	24	0	0	0	0	128
	18:45	0	0	0	0	0	0	0	0	1	53	77	7	1	0	0	0	139
	19:00	0	0	0	0	0	0	0	0	6	28	76	22	7	0	0	0	139
	19:15	0	0	0	0	0	0	1	1	8	32	66	11	0	0	0	0	119
	19:30	0	0	0	0	0	0	0	3	20	57	37	3	1	0	0	0	121
	19:45	1	0	0	0	0	0	0	2	10	30	45	9	0	0	0	0	97
	20:00	0	0	0	0	0	0	0	1	4	22	33	6	0	0	0	0	66
	20:15	0	0	0	0	0	1	0	2	13	23	37	2	0	0	0	0	78
	20:30	1	0	0	1	1	1	0	4	11	24	22	5	1	0	0	0	71
	20:45	0	0	0	0	0	0	0	0	4	27	37	16	0	0	0	0	84
	21:00	0	0	0	0	0	0	0	0	4	27	38	13	1	0	0	0	83
	21:15	0	0	0	0	0	0	0	1	5	15	50	14	0	0	0	0	85
	21:30	0	0	0	0	0	0	0	2	2	21	38	6	0	0	0	0	69
	21:45	0	0	0	0	0	0	0	1	3	8	35	10	1	0	0	0	58
	22:00	0	0	0	0	0	0	0	1	1	11	24	4	3	0	0	0	44
	22:15	0	0	0	0	0	0	0	1	1	15	21	9	1	0	0	0	48
	22:30	0	0	0	0	0	0	0	2	4	10	17	14	2	0	0	0	49
	22:45	0	0	0	0	0	0	0	0	5	8	22	6	0	0	0	0	41
	23:00	0	0	0	0	0	0	0	0	0	13	14	4	0	0	0	0	31
	23:15	0	0	0	0	0	0	0	1	2	7	9	6	0	0	0	0	25
	23:30	0	0	0	0	0	0	0	0	2	8	17	2	0	0	0	0	29
	23:45	0	0	0	0	0	0	0	1	1	8	16	1	1	0	0	0	28
Daily Total :		8	0	1	1	3	4	29	125	643	2936	3971	896	78	8	2	0	8705
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	7%	34%	46%	10%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	2	10	44	60	14	1	0	0	0	109

Speeds - Average: 65.3 50% : 65.8 67% : 67.7 85% : 69.7 10mph Pace: 60.1 - 70.0 (79.3%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	1	0	1	11	14	3	0	0	0	0	30
Tue	00:15	0	1	0	0	0	0	0	0	1	7	9	0	1	0	0	0	19
	00:30	0	0	0	0	0	0	0	0	2	6	10	3	0	0	0	0	21
	00:45	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	8
	01:00	0	0	0	0	0	0	0	1	1	1	7	0	0	0	0	0	10
	01:15	0	0	0	0	0	0	0	0	1	1	9	1	0	0	1	0	13
	01:30	0	0	0	0	0	0	0	0	1	2	6	2	0	0	0	0	11
	01:45	0	0	0	0	0	0	0	0	1	3	8	2	1	0	0	0	15
	02:00	0	0	0	0	0	0	0	0	1	2	4	2	0	0	0	0	9
	02:15	0	0	0	0	0	0	0	0	2	1	6	3	0	0	0	0	12
	02:30	0	0	0	0	0	0	0	0	2	5	4	1	0	1	0	0	13
	02:45	0	0	0	0	0	0	0	0	0	2	7	1	0	0	0	0	10
	03:00	0	0	0	0	0	0	0	0	2	6	7	2	0	0	0	0	17
	03:15	0	0	0	0	0	0	0	0	2	1	7	1	2	0	0	0	13
	03:30	0	0	0	0	0	0	0	1	1	3	10	4	0	0	0	0	19
	03:45	0	0	0	0	0	0	0	1	0	7	13	4	1	0	0	0	26
	04:00	0	0	0	0	0	0	0	1	1	8	9	4	0	0	0	0	23
	04:15	0	0	0	0	0	0	0	0	0	8	6	6	0	1	0	0	21
	04:30	0	0	0	0	0	0	0	1	4	9	28	7	1	0	0	0	50
	04:45	0	0	0	0	0	0	1	1	2	7	8	6	5	2	1	0	33
	05:00	0	0	0	0	0	0	0	0	1	5	26	3	2	0	0	0	37
	05:15	0	0	0	0	0	0	0	0	1	10	28	7	0	0	0	0	46
	05:30	0	0	0	0	0	0	0	0	0	15	29	12	1	0	0	0	57
	05:45	0	1	0	0	0	0	0	2	3	18	33	16	2	1	0	0	76
	06:00	0	0	0	0	0	0	0	0	5	17	49	18	0	1	0	0	90
	06:15	1	0	0	0	0	0	0	0	0	14	58	29	2	2	0	0	106
	06:30	0	0	0	0	0	0	0	0	4	27	78	35	2	1	0	0	147
	06:45	0	0	0	0	0	0	2	0	4	26	77	29	3	1	0	0	142
	07:00	0	0	0	0	0	0	0	1	5	30	76	33	4	0	0	0	149
	07:15	0	0	0	0	0	0	0	1	7	44	85	24	2	1	0	0	164
	07:30	0	0	0	0	0	0	0	3	12	46	114	16	2	0	0	0	193
	07:45	0	0	0	0	0	0	0	1	3	51	94	40	8	0	0	0	197
	08:00	0	0	0	0	0	0	0	1	4	43	96	30	5	0	0	0	179
	08:15	0	0	0	0	0	0	0	2	7	42	69	20	6	0	1	0	147
	08:30	0	0	0	0	0	0	0	1	2	56	67	28	3	1	0	0	158
	08:45	0	0	0	0	0	0	0	6	9	47	79	18	2	0	0	0	161
	09:00	0	0	0	0	0	0	0	2	14	62	71	16	3	0	0	0	168
	09:15	0	0	0	0	0	0	0	1	9	34	70	10	1	0	0	0	125
	09:30	0	0	0	0	0	0	0	5	4	46	70	22	1	0	0	0	148
	09:45	1	0	0	0	0	0	0	5	6	56	50	15	2	0	0	0	135
	10:00	0	0	0	0	0	0	0	1	7	49	65	16	0	2	0	0	140
	10:15	0	0	0	0	0	0	0	0	13	53	54	8	2	0	0	0	130
	10:30	0	0	0	0	0	2	1	1	18	56	56	15	4	0	0	0	153
	10:45	0	0	0	0	0	0	0	0	13	60	68	17	1	0	0	0	159
	11:00	0	0	0	0	0	0	0	0	22	51	62	21	2	1	0	0	159
	11:15	1	0	0	0	0	0	0	1	5	44	61	23	1	0	0	0	136
	11:30	1	0	0	0	0	0	0	1	10	63	75	10	1	1	0	0	162
	11:45	0	0	0	0	0	0	0	3	9	54	68	12	1	0	0	0	147
	12:00	1	0	0	0	0	0	0	3	9	37	68	17	2	1	0	0	138
	12:15	0	0	0	0	0	0	0	1	11	41	77	16	2	1	0	0	149

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	1	3	10	74	49	6	0	0	0	0	143
Tue	12:45	0	0	0	0	0	0	0	1	10	49	75	19	4	0	0	0	158
	13:00	0	0	0	0	0	0	0	2	24	65	63	15	0	0	0	0	169
	13:15	0	0	0	0	0	0	0	3	9	57	67	16	2	0	0	0	154
	13:30	0	0	0	0	0	0	0	0	11	60	78	17	3	0	0	0	169
	13:45	1	0	0	0	0	0	0	1	14	59	74	10	1	0	0	0	160
	14:00	0	0	0	0	0	0	0	4	10	40	65	15	1	0	0	0	135
	14:15	0	0	0	0	0	0	0	2	12	56	70	16	1	0	0	0	157
	14:30	1	0	0	0	0	0	0	1	15	49	70	28	1	0	0	0	165
	14:45	0	1	0	0	0	0	1	3	14	47	87	13	3	0	0	0	169
	15:00	0	0	0	0	0	0	0	1	20	61	75	19	1	0	0	0	177
	15:15	0	0	0	0	0	0	0	0	23	77	78	11	2	0	0	0	191
	15:30	0	0	0	0	0	0	1	2	14	60	80	28	1	0	0	0	186
	15:45	0	0	0	0	0	0	0	0	15	56	79	18	2	0	0	0	170
	16:00	0	0	0	0	0	0	0	2	14	83	83	20	0	0	0	0	202
	16:15	2	0	0	0	0	0	2	0	16	52	98	25	3	0	0	0	198
	16:30	0	1	0	0	1	0	0	2	9	59	102	23	3	0	0	0	200
	16:45	0	0	0	0	0	0	0	2	7	72	108	21	2	0	0	0	212
	17:00	2	0	0	0	0	0	0	0	6	67	121	24	3	0	0	0	223
	17:15	0	0	0	0	0	1	3	3	9	65	101	30	1	0	0	0	213
	17:30	0	0	0	0	0	0	0	4	20	68	85	21	1	1	0	0	200
	17:45	1	0	0	0	0	0	0	2	14	58	84	12	1	0	0	0	172
	18:00	0	0	0	0	1	0	0	1	7	43	85	26	2	0	0	0	165
	18:15	1	0	0	0	2	0	0	0	5	27	102	28	0	0	0	0	165
	18:30	0	0	0	0	0	0	0	0	10	33	83	26	1	0	0	0	153
	18:45	0	0	0	0	0	0	0	0	6	49	70	14	0	0	0	0	139
	19:00	0	0	0	0	0	0	0	2	9	39	56	19	2	0	0	0	127
	19:15	0	0	0	0	0	0	0	1	18	30	45	9	1	0	0	0	104
	19:30	0	0	0	0	0	0	0	1	6	39	54	12	0	0	0	0	112
	19:45	0	0	0	0	0	0	1	3	7	29	53	10	0	0	0	0	103
	20:00	0	0	0	0	0	0	0	2	7	29	53	17	1	0	0	0	109
	20:15	0	0	0	0	0	0	0	1	13	29	41	17	1	0	0	0	102
	20:30	0	0	0	0	0	0	0	0	11	36	43	6	0	0	0	0	96
	20:45	0	0	0	0	0	0	1	0	12	25	39	12	1	0	0	0	90
	21:00	0	0	0	0	0	0	0	0	11	29	41	6	1	0	0	0	88
	21:15	0	0	0	0	0	0	2	5	3	27	34	9	1	0	0	0	81
	21:30	0	0	0	0	0	0	0	3	4	21	25	7	1	0	0	0	61
	21:45	0	0	0	0	0	0	0	0	5	20	28	4	1	0	0	0	58
	22:00	0	0	0	0	0	0	0	0	4	20	23	4	0	0	0	0	51
	22:15	0	0	0	0	0	0	0	2	3	14	20	6	1	0	0	0	46
	22:30	0	0	0	0	0	0	0	0	4	11	22	4	1	0	0	0	42
	22:45	0	0	0	0	0	0	0	0	5	12	18	2	0	0	0	0	37
	23:00	0	0	0	0	0	0	0	1	1	9	13	7	0	0	0	0	31
	23:15	0	0	0	0	0	0	0	0	4	6	12	5	0	0	0	0	27
	23:30	0	0	0	0	0	0	0	0	3	9	10	4	0	0	0	0	26
	23:45	0	0	0	0	0	0	0	1	2	4	15	3	0	0	0	0	25

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		13	4	0	0	4	3	17	109	698	3214	4927	1292	129	19	3	0	10432
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	7%	31%	47%	12%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	7	33	51	13	1	0	0	0	131

Speeds - Average: 65.7 50% : 66.2 67% : 68.0 85% : 69.9 10mph Pace: 60.1 - 70.0 (78.0%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	1	3	11	3	0	0	0	0	18
Wed	00:15	0	0	0	0	0	0	0	0	2	6	12	2	0	0	0	0	22
	00:30	0	0	0	0	0	0	0	0	0	5	10	4	0	0	0	0	19
	00:45	0	0	0	0	0	0	0	0	0	1	6	1	0	0	0	0	8
	01:00	0	0	0	0	0	0	0	1	1	3	6	0	0	0	0	0	11
	01:15	0	0	0	0	0	0	0	0	1	1	3	0	0	0	0	0	5
	01:30	0	0	0	0	0	0	0	2	1	3	6	0	0	0	0	0	12
	01:45	0	0	0	0	0	0	0	0	2	2	3	0	0	0	0	0	7
	02:00	0	0	0	0	0	0	0	0	1	3	4	2	0	0	0	0	10
	02:15	0	0	0	0	0	0	0	2	3	3	1	1	0	0	0	0	10
	02:30	0	0	0	0	0	0	0	0	0	4	6	2	1	0	0	0	13
	02:45	0	0	0	0	0	0	0	1	2	3	1	1	0	0	0	0	8
	03:00	0	0	0	0	0	1	0	0	2	3	4	0	0	0	0	0	10
	03:15	0	0	0	0	0	0	0	1	1	3	2	0	0	0	0	0	7
	03:30	0	0	0	0	0	0	0	1	1	8	11	1	0	0	0	0	22
	03:45	0	0	0	0	0	0	0	0	3	6	7	2	0	0	0	0	18
	04:00	0	0	0	0	0	0	0	1	2	5	6	1	1	0	0	0	16
	04:15	0	0	0	0	0	0	0	0	1	15	11	5	1	0	0	0	33
	04:30	0	0	0	0	0	0	0	1	8	13	18	5	0	0	1	0	46
	04:45	0	0	0	0	0	1	0	0	2	8	11	4	2	1	0	0	29
	05:00	0	0	0	0	0	0	0	1	2	17	13	3	1	2	0	0	39
	05:15	0	0	0	0	0	0	0	1	0	12	16	6	0	0	0	0	35
	05:30	0	0	0	0	0	0	1	1	2	19	26	6	0	0	0	0	55
	05:45	0	0	0	0	0	0	0	3	4	31	21	9	1	0	0	0	69
	06:00	0	0	0	0	0	0	0	1	6	27	33	10	3	0	0	0	80
	06:15	0	0	0	0	0	0	1	0	4	14	57	32	4	1	0	0	113
	06:30	0	0	0	0	0	2	1	0	2	22	72	28	3	0	0	0	130
	06:45	0	0	0	0	0	0	0	0	3	32	61	28	6	1	0	0	131
	07:00	0	0	0	0	0	0	1	0	3	20	81	26	4	0	0	0	135
	07:15	0	0	0	0	0	0	0	0	4	31	90	21	0	0	0	0	146
	07:30	0	0	0	0	0	0	0	2	4	44	97	21	1	0	0	0	169
	07:45	0	0	0	0	0	0	0	2	9	28	103	25	4	0	0	0	171
	08:00	0	0	0	0	0	0	0	2	19	44	75	8	1	0	0	0	149
	08:15	0	0	0	0	0	0	1	0	17	31	72	15	1	0	0	0	137
	08:30	1	0	0	0	0	0	0	1	11	48	66	13	0	0	0	0	140
	08:45	0	0	0	0	0	0	0	4	6	55	65	10	3	1	0	0	144
	09:00	0	0	0	0	0	0	0	3	5	39	61	12	1	0	0	0	121
	09:15	0	0	0	0	0	0	0	4	9	52	62	11	0	0	0	0	138
	09:30	0	1	0	0	0	0	3	1	10	48	51	11	0	1	0	0	126
	09:45	0	0	0	0	0	0	0	1	9	53	65	8	1	0	0	0	137
	10:00	0	0	0	0	0	0	0	1	12	55	48	9	3	0	0	0	128
	10:15	0	0	0	0	0	0	0	1	16	49	41	15	2	0	0	0	124
	10:30	0	0	0	0	0	0	0	2	14	56	44	8	1	0	0	0	125
	10:45	0	0	0	0	0	0	2	5	17	70	45	4	0	0	0	0	143
	11:00	0	0	0	0	0	0	0	3	11	10	5	0	0	0	0	0	29
Daily Total :		1	1	0	0	0	4	10	49	233	1005	1509	373	45	7	1	0	3238
Percent :		0%	0%	0%	0%	0%	0%	0%	2%	7%	31%	47%	12%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	5	22	34	8	1	0	0	0	106

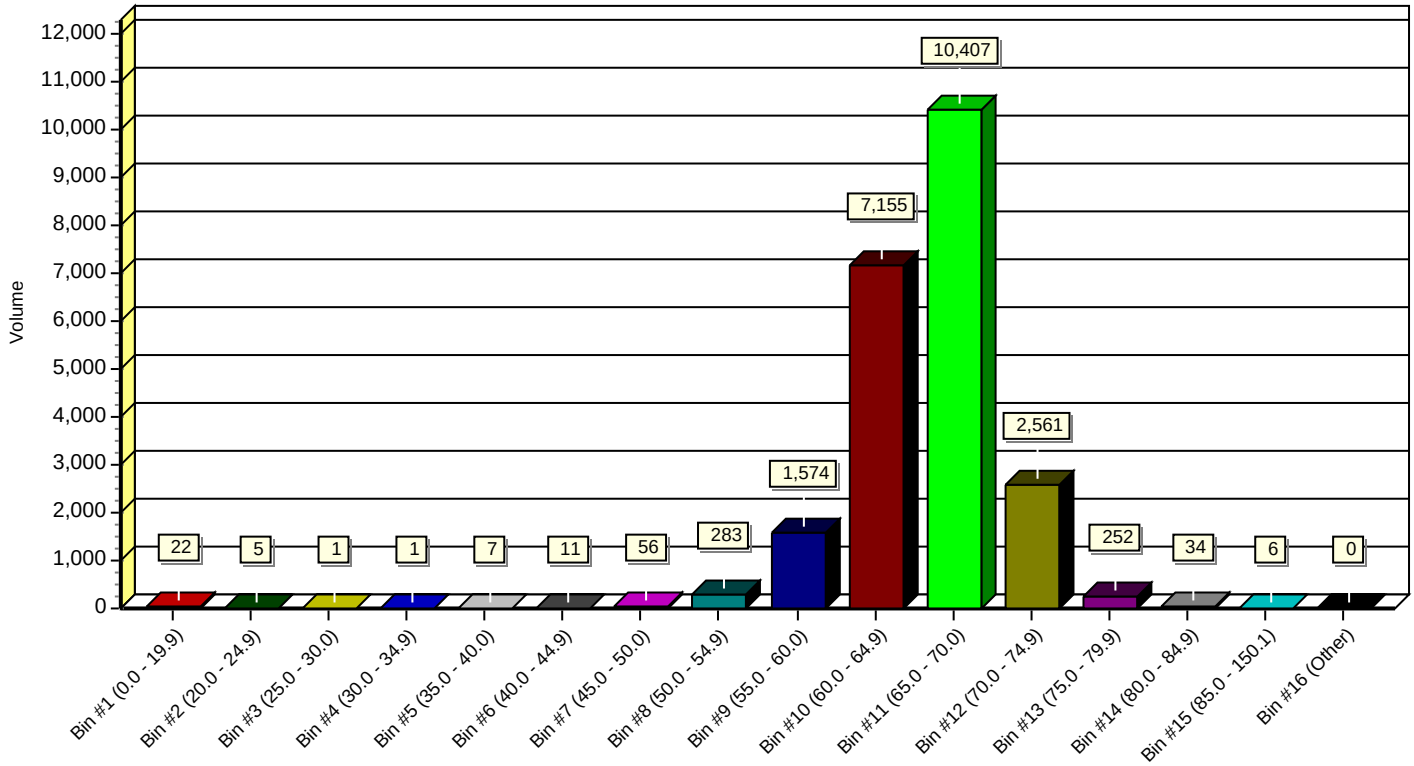
Speeds - Average: 65.6 50% : 66.1 67% : 67.9 85% : 69.8 10mph Pace: 60.1 - 70.0 (77.6%)

Basic Speed Class Summary: 2D0031456

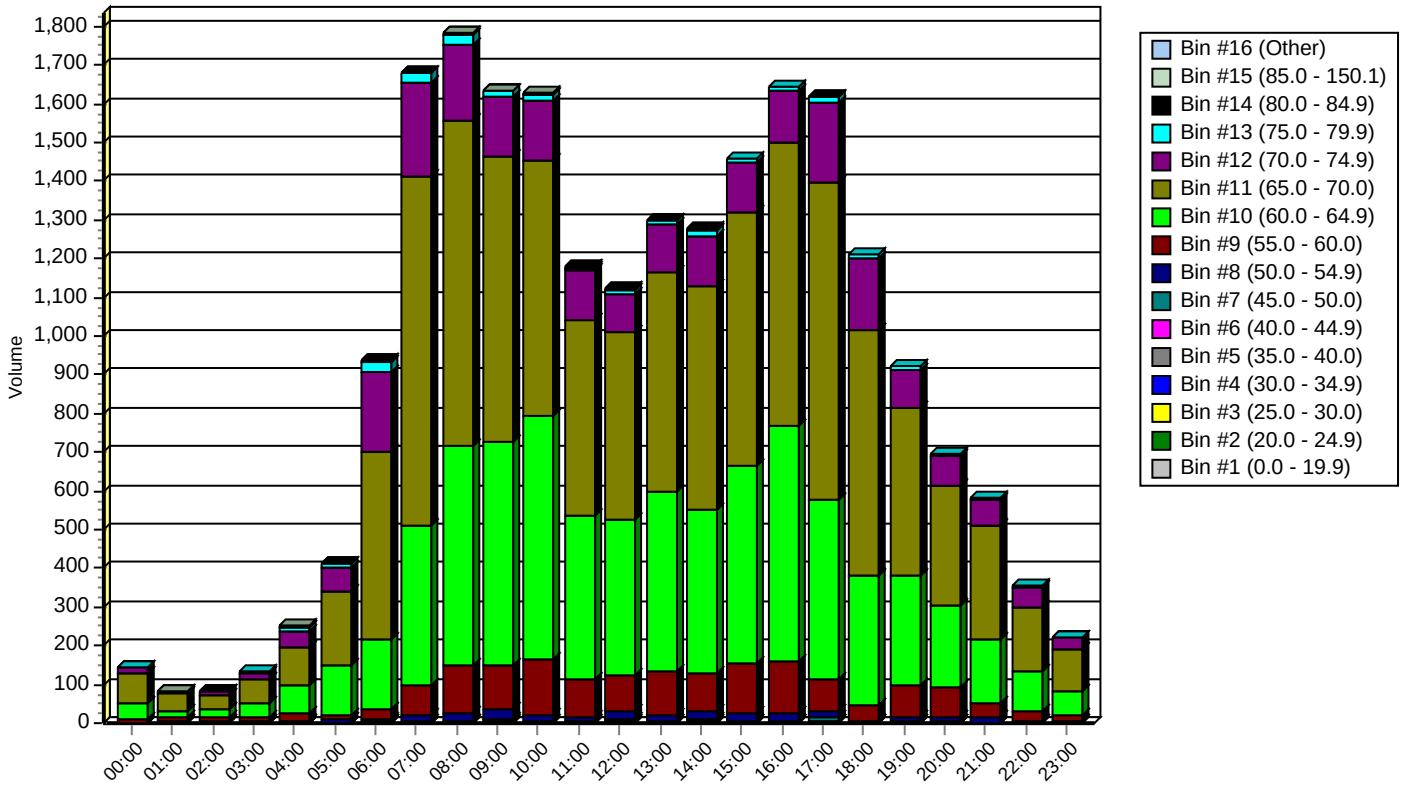
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	22	5	1	1	7	11	56	283	1574	7155	10407	2561	252	34	6	0	22375
		22	5	1	1	7	11	56	283	1574	7155	10407	2561	252	34	6	0	22375
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	7%	32%	47%	11%	1%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	7%	32%	47%	11%	1%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	1	8	35	50	12	1	0	0	0	107
		0	0	0	0	0	0	0	1	8	35	50	12	1	0	0	0	107
Days & ADT :	#1.	2.1	10376															
		2.1	10376															
Avg,50,67,85%:	#1.	65.6	66.1	67.9	69.8	60.1	- 70.0	79%										
		65.6	66.1	67.9	69.8	60.1	- 70.0	79%										

2D0031456 Speed Class Charts For Data From: 07:30 - 04/11/2011 To: 11:29 - 04/13/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0031456

Station ID : 2P0031456
Info Line 1 : 90994480
Info Line 2 : I-90 W OF 27TH
GPS Lat/Lon :
DB File : 2P0031456.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 87510
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 07:30 - 04/11/2011 To: 11:14 - 04/13/2011

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	07:30	0	49	13	0	0	0	0	0	3	0	0	0	2	0	67
Mon	07:45	0	73	21	0	0	1	0	1	3	0	0	0	0	3	102
	08:00	0	44	7	0	0	0	0	0	1	0	0	0	0	0	52
	08:15	0	42	7	0	0	0	0	0	2	0	0	0	0	1	52
	08:30	2	58	13	0	0	0	0	0	1	1	0	1	2	1	79
	08:45	1	34	13	1	1	0	0	0	4	0	0	0	0	1	55
	09:00	0	27	7	0	1	0	0	0	0	0	0	0	0	0	35
	09:15	0	28	11	0	0	0	0	0	3	1	0	0	0	2	45
	09:30	0	28	10	0	0	0	0	0	3	0	0	0	1	0	42
	09:45	0	29	8	0	0	0	0	0	6	1	0	0	1	1	46
	10:00	0	44	15	0	0	0	0	1	3	0	0	0	0	2	65
	10:15	0	28	8	0	1	0	0	0	4	1	0	0	0	0	42
	10:30	0	29	12	0	0	1	0	0	2	1	0	0	0	0	45
	10:45	0	23	14	0	0	0	0	0	0	0	0	0	0	0	37
	11:00	0	25	3	0	0	0	0	0	0	0	0	0	0	1	29
	11:15	0	37	15	0	0	0	0	1	4	0	0	0	0	0	57
	11:30	0	33	6	0	0	0	0	0	2	3	0	0	0	0	44
	11:45	0	42	6	0	0	0	0	0	2	0	0	0	2	0	52
	12:00	0	35	9	0	0	0	0	0	1	0	0	0	0	0	45
	12:15	0	90	40	0	0	1	0	2	11	1	0	0	4	2	151
	12:30	0	43	21	0	0	0	0	0	7	0	0	0	0	1	72
	12:45	0	47	11	0	0	0	0	0	3	0	0	0	1	1	63
	13:00	0	43	13	0	0	1	0	0	2	0	0	0	0	0	59
	13:15	1	41	13	0	0	0	0	0	1	0	0	0	0	0	56
	13:30	0	42	16	0	0	1	0	1	5	1	0	0	1	1	68
	13:45	0	51	14	0	0	0	0	1	3	0	0	0	0	3	72
	14:00	0	53	15	0	0	1	0	2	4	0	0	0	0	1	76
	14:15	0	45	14	0	0	0	0	0	6	0	0	0	1	1	67
	14:30	0	54	19	0	1	1	0	1	4	1	0	0	0	0	81
	14:45	1	45	18	0	0	1	0	1	2	0	0	0	0	0	68
	15:00	0	59	15	0	1	0	0	2	5	1	0	0	0	1	84
	15:15	0	47	17	0	0	0	0	0	1	2	0	0	1	1	69
	15:30	0	62	12	0	0	0	0	1	5	0	0	0	0	0	80
	15:45	0	59	22	0	0	0	0	0	4	2	0	0	2	2	91

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	16:00	1	73	12	0	1	0	0	2	4	0	0	0	1	1	95
Mon	16:15	0	78	16	0	0	1	0	2	0	0	0	0	0	0	97
	16:30	0	67	21	0	0	0	0	0	3	0	0	0	0	1	92
	16:45	1	77	30	0	0	1	0	2	2	1	0	0	1	4	119
	17:00	0	111	19	0	0	0	0	2	0	2	0	0	0	5	139
	17:15	0	107	24	0	0	0	0	0	1	0	0	0	1	1	134
	17:30	1	88	17	0	0	1	0	0	2	0	0	0	0	1	110
	17:45	0	81	19	0	0	0	0	4	1	0	0	0	0	0	105
	18:00	1	44	10	0	0	0	0	0	1	0	0	0	0	0	56
	18:15	3	50	12	0	0	0	0	0	4	0	0	0	0	0	69
	18:30	0	41	8	0	0	0	0	0	1	0	0	0	1	0	51
	18:45	1	30	7	0	0	0	0	0	2	0	0	0	0	0	40
	19:00	1	32	6	0	0	0	0	0	1	0	0	0	0	1	41
	19:15	0	28	7	0	0	0	0	0	1	0	0	0	1	0	37
	19:30	0	23	6	0	0	1	0	0	1	0	0	0	0	0	31
	19:45	1	49	15	0	0	0	0	1	6	2	0	0	0	1	75
	20:00	0	76	14	0	0	0	0	0	10	2	0	0	1	0	103
	20:15	1	76	17	0	1	0	0	1	7	0	0	0	2	0	105
	20:30	0	36	10	0	1	0	0	0	5	0	0	0	1	1	54
	20:45	0	18	5	0	0	0	0	0	0	0	0	0	0	1	24
	21:00	0	12	1	0	0	0	0	0	4	0	0	0	0	0	17
	21:15	0	15	2	0	0	0	0	0	0	0	0	0	0	0	17
	21:30	0	11	1	0	0	0	0	0	2	0	0	0	0	0	14
	21:45	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
	22:00	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	22:15	0	4	0	0	0	0	0	0	1	0	0	0	0	0	5
	22:30	0	4	0	0	0	0	0	0	1	0	0	0	0	0	5
	22:45	0	5	1	0	0	0	0	0	1	0	0	0	0	0	7
	23:00	0	0	2	0	0	0	0	0	0	0	0	0	1	0	3
	23:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
Daily Total :		16	2744	743	1	8	12	0	28	169	23	0	1	28	43	3816
	Percent :	0%	72%	19%	0%	0%	0%	0%	1%	4%	1%	0%	0%	1%	1%	
	Average :	0	42	11	0	0	0	0	0	3	0	0	0	0	1	57

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	5	0	0	0	0	0	0	0	1	0	0	0	0	6
Tue	00:15	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	00:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	04:45	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	05:00	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
	05:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	05:30	0	8	0	0	0	0	0	0	0	0	0	1	0	0	9
	05:45	0	9	6	0	0	0	0	0	0	0	0	0	0	0	15
	06:00	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	06:15	0	20	10	0	0	0	0	0	2	0	0	0	0	0	32
	06:30	0	49	14	0	0	0	0	0	2	0	0	1	0	1	67
	06:45	1	44	13	0	1	1	0	0	0	0	0	0	1	1	62
	07:00	0	42	6	0	0	1	0	0	0	0	0	0	0	0	49
	07:15	0	50	15	0	2	0	0	1	2	0	0	0	0	1	71
	07:30	0	81	15	0	0	0	0	1	3	1	0	0	2	2	105
	07:45	0	63	18	0	0	1	0	3	0	0	0	0	2	1	88
	08:00	0	57	17	0	0	1	0	0	1	0	0	0	0	0	76
	08:15	0	26	10	0	0	0	0	0	2	0	0	0	0	0	38
	08:30	0	49	17	0	0	0	0	0	2	0	0	0	0	0	68
	08:45	0	51	17	0	0	0	0	0	2	0	0	0	1	1	72
	09:00	0	45	17	0	1	0	0	0	3	1	0	0	0	0	67
	09:15	0	28	10	0	0	0	0	0	1	0	0	0	2	0	41
	09:30	1	39	9	0	0	0	0	1	4	0	0	0	1	0	55
	09:45	0	30	10	0	0	0	0	0	8	4	0	0	1	0	53
	10:00	0	32	10	0	0	0	0	0	1	0	0	0	1	2	46
	10:15	0	42	8	0	0	0	0	0	3	1	0	0	1	0	55
	10:30	0	38	14	0	0	1	0	0	2	1	0	0	1	0	57
	10:45	0	44	23	0	1	0	0	0	2	1	0	0	1	0	72
	11:00	2	41	9	0	0	0	0	0	5	2	0	0	1	2	62
	11:15	0	34	13	0	0	0	0	0	4	0	0	0	0	0	51
	11:30	1	51	14	0	0	0	0	0	5	0	0	0	2	1	74
	11:45	0	24	15	0	0	1	0	0	5	0	0	0	1	0	46
	12:00	0	36	6	0	1	0	0	0	4	0	0	0	1	1	49
	12:15	0	51	8	0	0	0	0	2	3	0	0	0	1	0	65

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	40	6	0	0	2	0	0	1	1	0	0	5	1	56
Tue	12:45	0	38	10	0	0	0	0	1	4	0	0	0	1	0	54
	13:00	0	50	19	0	0	0	0	1	5	1	0	0	1	1	78
	13:15	0	38	16	0	0	0	0	2	3	0	0	0	0	2	61
	13:30	0	47	9	0	0	0	0	2	1	0	0	0	1	0	60
	13:45	0	49	11	0	0	2	0	0	4	1	0	0	1	1	69
	14:00	0	50	12	1	0	0	0	1	2	0	0	0	1	0	67
	14:15	0	43	9	0	0	1	1	3	6	4	0	0	0	2	69
	14:30	0	57	12	1	1	1	0	1	4	2	0	0	1	1	81
	14:45	1	52	17	0	0	0	0	0	8	0	0	0	0	1	79
	15:00	0	48	24	0	0	0	0	0	4	0	0	0	0	1	77
	15:15	1	70	19	0	0	0	0	0	3	1	0	0	1	0	95
	15:30	1	65	12	0	0	1	0	1	4	1	0	0	0	0	85
	15:45	0	57	22	0	0	1	0	1	2	0	0	1	2	0	86
	16:00	0	88	21	0	1	0	0	0	4	1	0	0	2	0	117
	16:15	2	65	26	0	0	2	1	3	4	3	0	0	1	2	109
	16:30	3	87	30	0	0	0	0	3	5	1	0	0	2	4	135
	16:45	0	102	23	0	0	0	0	1	0	0	0	0	0	3	129
	17:00	0	112	28	0	0	2	0	3	4	1	0	0	1	2	153
	17:15	3	102	26	0	0	0	0	0	4	0	0	0	0	7	142
	17:30	0	89	20	0	1	0	0	0	4	2	0	0	1	2	119
	17:45	0	92	30	0	0	0	0	1	4	0	0	0	0	0	127
	18:00	1	66	14	0	0	0	0	2	1	0	0	0	0	0	84
	18:15	0	57	12	0	0	0	0	0	2	0	0	0	0	0	71
	18:30	0	41	7	0	0	0	0	0	1	0	0	0	1	0	50
	18:45	0	35	7	0	0	0	0	2	1	0	0	0	1	1	47
	19:00	0	31	5	0	0	0	0	1	2	0	0	0	0	1	40
	19:15	0	24	6	0	0	0	0	0	3	0	0	0	1	0	34
	19:30	0	21	6	0	0	0	0	0	1	0	0	0	0	0	28
	19:45	0	19	3	0	0	0	0	1	1	0	0	0	0	0	24
	20:00	1	36	9	0	0	0	0	0	4	0	0	0	0	0	50
	20:15	0	23	4	0	1	0	0	0	2	1	0	0	1	1	33
	20:30	0	25	5	0	0	0	0	0	1	0	0	0	1	0	32
	20:45	0	11	4	0	0	0	0	0	1	0	0	0	0	0	16
	21:00	0	11	4	0	0	0	0	0	1	0	0	0	0	0	16
	21:15	0	17	0	0	0	0	0	0	0	0	0	0	0	0	17
	21:30	0	14	0	0	0	0	0	1	0	0	0	0	1	0	16
	21:45	0	6	2	0	0	0	0	0	1	0	0	0	0	0	9
	22:00	0	10	3	0	0	0	0	0	0	1	0	0	0	0	14
	22:15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	22:30	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	22:45	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	23:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	23:15	0	6	1	0	0	0	0	0	1	0	0	0	0	0	8
	23:30	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
	23:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		18	3023	830	2	10	19	2	39	177	34	0	3	47	46	4250
Percent :		0%	71%	20%	0%	0%	0%	0%	1%	4%	1%	0%	0%	1%	1%	
Average :		0	31	9	0	0	0	0	0	2	0	0	0	0	0	42

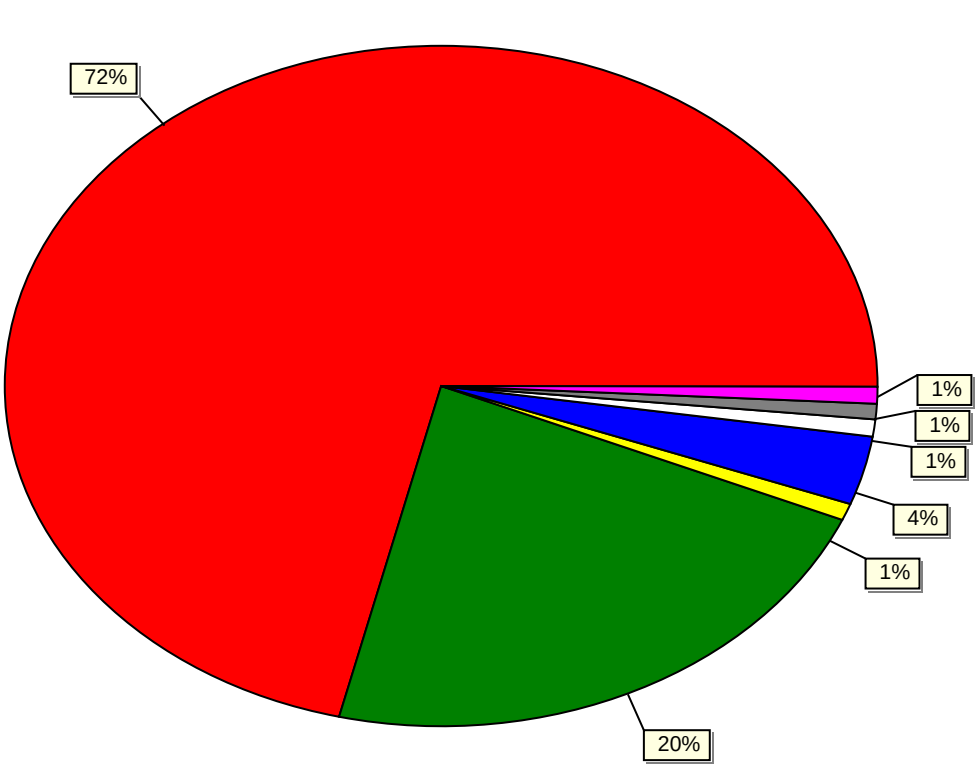
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	1	0	0	0	0	0	0	2	0	0	0	0	0	3
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	04:30	0	5	1	0	0	0	0	1	0	0	0	0	0	0	7
	04:45	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	2	2	0	0	0	0	0	2	0	0	0	0	0	6
	05:15	0	4	0	0	0	0	0	0	1	0	0	0	0	0	5
	05:30	0	12	4	0	0	0	0	0	1	0	0	0	0	0	17
	05:45	0	11	5	0	0	0	0	0	0	0	0	0	0	0	16
	06:00	0	6	1	0	0	0	0	1	1	0	0	0	1	0	10
	06:15	0	22	8	0	0	0	0	0	2	0	0	0	0	0	32
	06:30	0	34	20	0	0	0	0	0	0	0	0	0	0	0	54
	06:45	0	46	9	0	0	0	0	0	0	0	0	0	0	0	55
	07:00	1	47	4	0	0	1	1	0	0	0	0	0	1	0	55
	07:15	0	56	8	0	0	0	0	0	0	0	0	0	1	0	65
	07:30	0	65	10	0	0	0	0	0	1	0	0	0	0	2	78
	07:45	0	58	11	0	1	0	0	0	1	0	0	0	0	1	72
	08:00	0	44	14	0	0	1	0	0	4	1	0	0	0	1	65
	08:15	0	46	8	0	0	0	0	1	2	2	0	0	1	1	61
	08:30	0	43	7	0	1	1	0	0	1	0	0	0	1	0	54
	08:45	1	31	11	0	0	0	0	0	5	0	0	0	1	1	50
	09:00	0	26	6	0	0	1	0	0	1	0	0	0	1	0	35
	09:15	0	22	12	0	2	0	0	0	1	0	0	0	0	0	37
	09:30	0	25	13	0	0	0	0	0	3	2	0	0	0	1	44
	09:45	0	32	7	0	0	0	0	2	4	1	0	0	0	0	46
	10:00	0	14	8	0	1	0	0	0	3	0	0	0	0	2	28
	10:15	1	21	8	0	0	0	0	0	2	0	0	0	0	2	34
	10:30	0	28	10	0	0	0	1	0	3	0	0	0	0	0	42
	10:45	0	20	12	0	0	0	0	0	4	1	0	0	0	0	37
Daily Total :		3	734	201	0	5	4	2	5	45	7	0	0	8	11	1025
Percent :		0%	72%	20%	0%	0%	0%	0%	0%	4%	1%	0%	0%	1%	1%	
Average :		0	17	5	0	0	0	0	0	1	0	0	0	0	0	23

Basic Axle Class Summary: 2P0031456

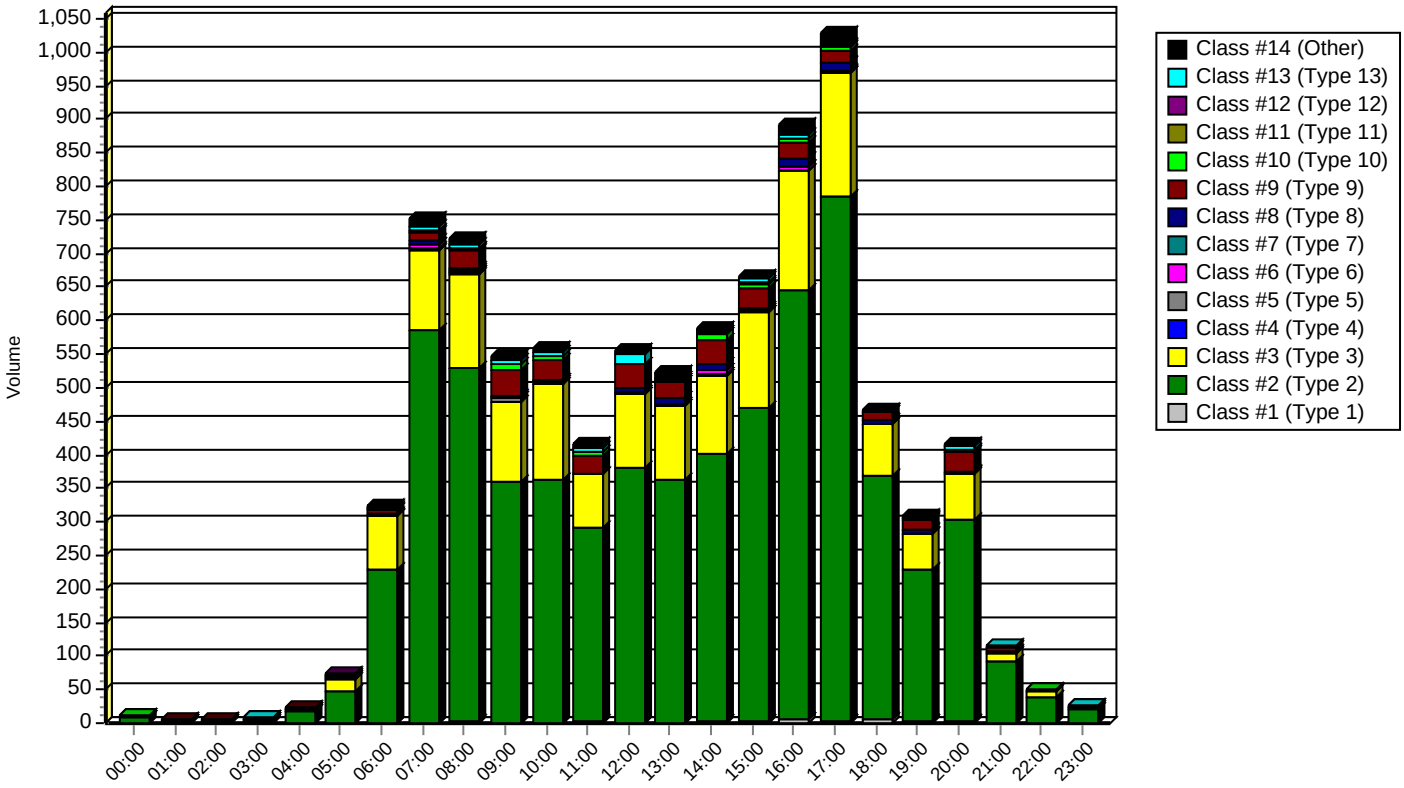
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	37	6501	1774	3	23	35	4	72	391	64	0	4	83	100	9091
		37	6501	1774	3	23	35	4	72	391	64	0	4	83	100	9091
Percents :	#1.	0%	72%	20%	0%	0%	0%	0%	1%	4%	1%	0%	0%	1%	1%	100%
		0%	72%	20%	0%	0%	0%	0%	1%	4%	1%	0%	0%	1%	1%	
Average :	#1.	0	32	9	0	0	0	0	0	2	0	0	0	0	0	43
		0	32	9	0	0	0	0	0	2	0	0	0	0	0	43
Days & ADT :	#1.	2.1	4236													
		2.1	4236													

2P0031456 Axle Class Charts For Data From: 07:30 - 04/11/2011 To: 11:14 - 04/13/2011

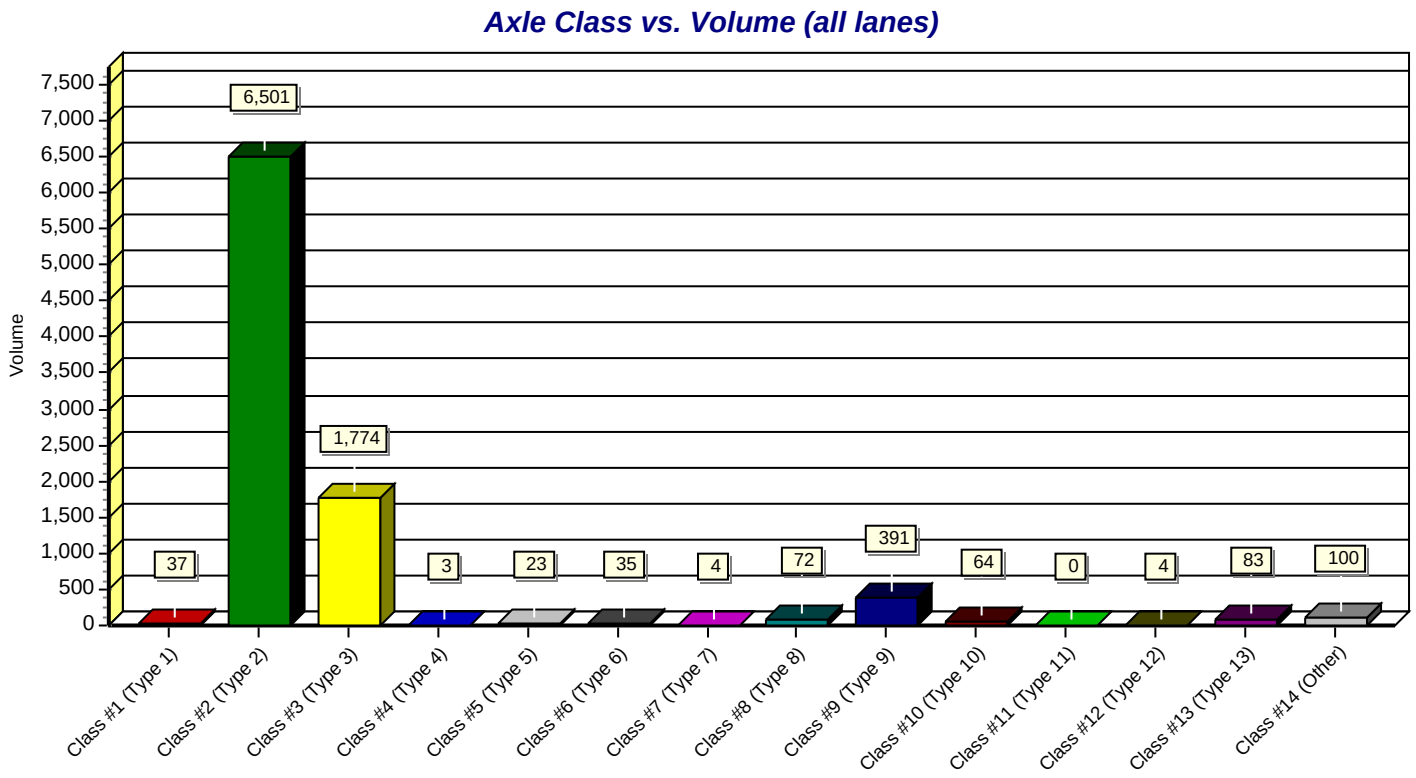
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0031456 Axle Class Charts For Data From: 07:30 - 04/11/2011 To: 11:14 - 04/13/2011



Basic Speed Classification Report: 2P0031456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 07:30 - 04/11/2011 To: 11:14 - 04/13/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	07:30	0	0	0	0	0	0	0	16	51	0	0	0	0	0	0	0	67
Mon	07:45	1	0	0	0	0	0	0	13	74	14	0	0	0	0	0	0	102
	08:00	0	0	0	0	0	0	0	4	39	9	0	0	0	0	0	0	52
	08:15	0	0	0	0	0	0	0	5	41	6	0	0	0	0	0	0	52
	08:30	0	0	0	0	0	0	0	13	52	14	0	0	0	0	0	0	79
	08:45	0	0	0	0	0	0	1	3	38	12	1	0	0	0	0	0	55
	09:00	0	0	0	0	0	0	0	3	31	1	0	0	0	0	0	0	35
	09:15	0	0	0	0	0	0	0	5	32	8	0	0	0	0	0	0	45
	09:30	0	0	0	0	0	0	0	3	35	4	0	0	0	0	0	0	42
	09:45	0	0	0	0	0	0	0	4	34	8	0	0	0	0	0	0	46
	10:00	0	0	0	0	0	0	0	8	48	8	1	0	0	0	0	0	65
	10:15	0	0	0	0	0	0	0	2	33	7	0	0	0	0	0	0	42
	10:30	0	0	0	0	0	0	0	3	31	11	0	0	0	0	0	0	45
	10:45	0	0	0	0	0	0	0	4	23	10	0	0	0	0	0	0	37
	11:00	0	0	0	0	0	0	0	3	24	2	0	0	0	0	0	0	29
	11:15	0	0	0	0	0	0	1	6	34	14	2	0	0	0	0	0	57
	11:30	0	0	0	0	0	0	0	6	30	7	1	0	0	0	0	0	44
	11:45	0	0	0	0	0	0	0	5	36	11	0	0	0	0	0	0	52
	12:00	0	0	0	0	0	0	0	6	33	5	1	0	0	0	0	0	45
	12:15	0	0	0	0	0	2	20	91	36	2	0	0	0	0	0	0	151
	12:30	1	0	0	0	1	2	6	16	33	12	1	0	0	0	0	0	72
	12:45	0	0	0	0	0	0	0	9	41	11	2	0	0	0	0	0	63
	13:00	0	0	0	0	0	0	0	10	41	8	0	0	0	0	0	0	59
	13:15	1	0	0	0	0	0	0	5	38	12	0	0	0	0	0	0	56
	13:30	0	0	0	0	0	0	0	7	46	14	1	0	0	0	0	0	68
	13:45	0	0	0	0	0	0	0	4	47	19	2	0	0	0	0	0	72
	14:00	0	0	0	0	0	0	1	8	46	20	1	0	0	0	0	0	76
	14:15	0	0	0	0	0	0	0	2	52	9	4	0	0	0	0	0	67
	14:30	0	0	0	0	0	0	0	4	59	16	2	0	0	0	0	0	81
	14:45	0	0	0	0	0	0	0	13	48	5	2	0	0	0	0	0	68
	15:00	0	0	0	0	0	0	0	24	56	4	0	0	0	0	0	0	84
	15:15	1	0	0	0	0	0	0	14	39	15	0	0	0	0	0	0	69
	15:30	0	0	0	0	0	0	0	11	56	13	0	0	0	0	0	0	80
	15:45	0	0	0	0	0	0	0	1	64	25	1	0	0	0	0	0	91
	16:00	0	0	0	0	0	0	0	2	74	18	1	0	0	0	0	0	95
	16:15	0	0	0	0	0	0	0	26	71	0	0	0	0	0	0	0	97
	16:30	0	0	0	0	0	0	0	29	62	1	0	0	0	0	0	0	92
	16:45	1	0	0	0	0	0	0	18	94	6	0	0	0	0	0	0	119
	17:00	0	0	0	0	0	0	1	11	93	34	0	0	0	0	0	0	139
	17:15	0	0	0	0	0	0	0	6	96	32	0	0	0	0	0	0	134

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	17:30	0	0	0	0	0	0	0	4	82	22	2	0	0	0	0	0	110
Mon	17:45	0	0	0	0	0	0	0	3	69	30	3	0	0	0	0	0	105
	18:00	0	0	0	0	0	0	0	1	35	19	1	0	0	0	0	0	56
	18:15	0	0	0	0	0	0	1	4	51	13	0	0	0	0	0	0	69
	18:30	0	0	0	0	0	0	0	4	34	11	1	1	0	0	0	0	51
	18:45	1	0	0	0	0	0	0	7	29	3	0	0	0	0	0	0	40
	19:00	0	0	0	0	0	0	0	1	27	11	2	0	0	0	0	0	41
	19:15	0	0	0	0	0	0	0	5	27	3	2	0	0	0	0	0	37
	19:30	0	0	0	0	0	0	0	13	16	2	0	0	0	0	0	0	31
	19:45	0	0	0	0	0	0	0	16	53	6	0	0	0	0	0	0	75
	20:00	0	0	0	0	0	0	7	22	63	9	2	0	0	0	0	0	103
	20:15	0	0	0	0	0	1	8	38	51	6	0	1	0	0	0	0	105
	20:30	0	0	0	0	0	2	12	34	6	0	0	0	0	0	0	0	54
	20:45	0	0	0	0	0	0	0	3	17	4	0	0	0	0	0	0	24
	21:00	0	0	0	0	0	0	0	0	13	4	0	0	0	0	0	0	17
	21:15	0	0	0	0	0	0	0	2	12	3	0	0	0	0	0	0	17
	21:30	0	0	0	0	0	0	1	3	9	1	0	0	0	0	0	0	14
	21:45	0	0	0	0	0	0	0	0	7	2	0	0	0	0	0	0	9
	22:00	0	0	0	0	0	0	0	0	3	2	1	0	0	0	0	0	6
	22:15	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	5
	22:30	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	5
	22:45	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	0	7
	23:00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
	23:15	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	4
Daily Total :		6	0	0	0	1	7	59	584	2536	583	37	2	1	0	0	0	3816
Percent :		0%	0%	0%	0%	0%	0%	2%	15%	66%	15%	1%	0%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	1	9	38	9	1	0	0	0	0	0	43

Speeds - Average: 57.3 50% : 57.5 67% : 58.8 85% : 60.6 10mph Pace: 51.6 - 61.5 (81.8%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	1	3	2	0	0	0	0	0	0	6
Tue	00:15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	4
	04:45	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
	05:30	0	0	0	0	0	0	0	0	6	3	0	0	0	0	0	0	9
	05:45	1	0	0	0	0	0	0	5	9	0	0	0	0	0	0	0	15
	06:00	0	0	0	0	0	0	0	0	10	1	0	0	0	0	0	0	11
	06:15	0	0	0	0	0	0	0	1	23	7	1	0	0	0	0	0	32
	06:30	0	0	0	0	0	0	0	5	43	17	2	0	0	0	0	0	67
	06:45	0	0	0	0	0	0	0	5	40	17	0	0	0	0	0	0	62
	07:00	0	0	0	0	0	0	0	0	37	12	0	0	0	0	0	0	49
	07:15	0	0	0	0	0	0	0	6	53	12	0	0	0	0	0	0	71
	07:30	0	0	0	0	0	0	0	6	78	20	1	0	0	0	0	0	105
	07:45	0	0	0	0	0	0	0	5	71	12	0	0	0	0	0	0	88
	08:00	0	0	0	0	0	0	0	1	54	21	0	0	0	0	0	0	76
	08:15	0	0	0	0	0	0	0	4	24	8	2	0	0	0	0	0	38
	08:30	0	0	0	0	0	0	0	2	50	14	2	0	0	0	0	0	68
	08:45	0	0	0	0	0	0	0	5	51	15	1	0	0	0	0	0	72
	09:00	0	0	0	0	0	0	0	4	48	13	2	0	0	0	0	0	67
	09:15	0	0	0	0	0	0	0	3	32	6	0	0	0	0	0	0	41
	09:30	0	0	0	0	0	0	1	4	38	11	1	0	0	0	0	0	55
	09:45	0	0	0	0	0	0	5	7	38	3	0	0	0	0	0	0	53
	10:00	0	0	0	0	0	0	0	5	34	7	0	0	0	0	0	0	46
	10:15	0	0	0	0	0	0	0	4	42	9	0	0	0	0	0	0	55
	10:30	0	0	0	0	0	0	0	9	37	11	0	0	0	0	0	0	57
	10:45	0	0	0	0	0	0	0	6	51	15	0	0	0	0	0	0	72
	11:00	1	0	0	0	0	0	0	5	47	8	1	0	0	0	0	0	62
	11:15	0	0	0	0	0	0	0	1	39	9	2	0	0	0	0	0	51
	11:30	1	0	0	0	0	0	0	5	57	10	1	0	0	0	0	0	74
	11:45	0	0	0	0	0	0	0	1	40	4	1	0	0	0	0	0	46
	12:00	0	0	0	0	0	0	0	1	38	9	1	0	0	0	0	0	49
	12:15	0	0	0	0	0	0	0	5	44	16	0	0	0	0	0	0	65

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	1	0	0	0	0	0	0	11	36	8	0	0	0	0	0	0	56
Tue	12:45	0	0	0	0	0	0	0	3	39	12	0	0	0	0	0	0	54
	13:00	0	0	0	0	0	0	0	10	59	8	1	0	0	0	0	0	78
	13:15	0	0	0	0	0	0	0	5	49	7	0	0	0	0	0	0	61
	13:30	0	0	0	0	0	0	0	5	45	10	0	0	0	0	0	0	60
	13:45	0	0	0	0	0	0	0	2	56	10	1	0	0	0	0	0	69
	14:00	0	0	0	0	0	0	0	9	48	10	0	0	0	0	0	0	67
	14:15	0	0	0	0	0	0	0	8	52	9	0	0	0	0	0	0	69
	14:30	0	0	0	0	0	0	0	13	53	13	2	0	0	0	0	0	81
	14:45	0	0	0	0	0	0	3	8	54	14	0	0	0	0	0	0	79
	15:00	0	0	0	0	0	0	0	6	54	16	1	0	0	0	0	0	77
	15:15	0	0	0	0	0	0	1	8	70	16	0	0	0	0	0	0	95
	15:30	0	0	0	0	0	0	0	5	63	17	0	0	0	0	0	0	85
	15:45	0	0	0	0	0	0	0	9	58	19	0	0	0	0	0	0	86
	16:00	0	0	0	0	0	0	0	12	90	14	1	0	0	0	0	0	117
	16:15	0	0	0	0	0	0	1	8	84	15	1	0	0	0	0	0	109
	16:30	0	0	0	0	0	0	2	16	99	16	2	0	0	0	0	0	135
	16:45	0	0	0	0	0	0	1	2	98	26	2	0	0	0	0	0	129
	17:00	0	0	0	0	0	0	0	7	110	36	0	0	0	0	0	0	153
	17:15	0	0	0	0	0	0	3	12	104	22	1	0	0	0	0	0	142
	17:30	0	0	0	0	0	0	0	10	92	16	1	0	0	0	0	0	119
	17:45	0	0	0	0	0	0	0	4	99	22	2	0	0	0	0	0	127
	18:00	0	0	0	0	0	0	0	4	60	20	0	0	0	0	0	0	84
	18:15	1	0	0	0	0	0	0	2	49	18	1	0	0	0	0	0	71
	18:30	0	0	0	0	0	0	0	1	40	9	0	0	0	0	0	0	50
	18:45	0	0	0	0	0	0	0	1	37	9	0	0	0	0	0	0	47
	19:00	0	0	0	0	0	0	0	2	24	12	0	0	1	1	0	0	40
	19:15	0	0	0	0	0	0	0	4	24	6	0	0	0	0	0	0	34
	19:30	0	0	0	0	0	0	1	4	19	4	0	0	0	0	0	0	28
	19:45	0	0	0	0	0	0	1	4	15	3	1	0	0	0	0	0	24
	20:00	0	0	0	0	0	0	0	3	33	13	1	0	0	0	0	0	50
	20:15	0	0	0	0	0	0	0	3	30	0	0	0	0	0	0	0	33
	20:30	0	0	0	0	0	0	1	8	23	0	0	0	0	0	0	0	32
	20:45	0	0	0	0	0	0	0	3	12	1	0	0	0	0	0	0	16
	21:00	0	0	0	0	0	0	0	2	13	1	0	0	0	0	0	0	16
	21:15	0	0	0	0	0	0	0	1	14	2	0	0	0	0	0	0	17
	21:30	0	0	0	0	0	0	0	1	12	3	0	0	0	0	0	0	16
	21:45	0	0	0	0	0	0	0	1	8	0	0	0	0	0	0	0	9
	22:00	0	0	0	0	0	0	0	2	7	4	0	1	0	0	0	0	14
	22:15	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	4
	22:30	0	0	0	0	0	0	0	1	3	1	0	0	0	0	0	0	5
	22:45	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
	23:00	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3
	23:15	0	0	0	0	0	0	0	1	4	2	1	0	0	0	0	0	8
	23:30	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	5
	23:45	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		5	0	0	0	0	0	20	332	3107	743	40	1	1	1	0	0	4250
	Percent :	0%	0%	0%	0%	0%	0%	0%	8%	73%	17%	1%	0%	0%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	3	32	8	0	0	0	0	0	0	58

Speeds - Average: 58.0 50% : 57.8 67% : 59.0 85% : 61.1 10mph Pace: 55.0 - 64.9 (90.6%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	01:45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	4
	04:30	0	0	0	0	0	0	0	1	5	1	0	0	0	0	0	0	7
	04:45	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
	05:15	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	5
	05:30	0	0	0	0	0	0	0	3	9	4	1	0	0	0	0	0	17
	05:45	0	0	0	0	0	0	0	4	9	3	0	0	0	0	0	0	16
	06:00	0	0	0	0	0	0	0	3	3	4	0	0	0	0	0	0	10
	06:15	0	0	0	0	0	0	0	0	22	9	1	0	0	0	0	0	32
	06:30	0	0	0	0	0	0	0	3	37	13	1	0	0	0	0	0	54
	06:45	0	0	0	0	0	0	0	2	32	21	0	0	0	0	0	0	55
	07:00	0	0	0	0	0	0	0	2	40	13	0	0	0	0	0	0	55
	07:15	0	0	0	0	0	0	0	2	41	22	0	0	0	0	0	0	65
	07:30	0	0	0	0	0	0	0	3	61	14	0	0	0	0	0	0	78
	07:45	0	0	0	0	0	0	0	3	47	22	0	0	0	0	0	0	72
	08:00	0	0	0	0	0	0	0	1	57	6	1	0	0	0	0	0	65
	08:15	0	0	0	0	0	0	0	5	42	13	1	0	0	0	0	0	61
	08:30	0	0	0	0	0	0	0	3	42	9	0	0	0	0	0	0	54
	08:45	0	0	0	0	0	0	0	1	40	9	0	0	0	0	0	0	50
	09:00	0	0	0	0	0	0	0	3	21	11	0	0	0	0	0	0	35
	09:15	0	0	0	0	0	0	0	3	30	4	0	0	0	0	0	0	37
	09:30	0	0	0	0	0	0	0	10	27	7	0	0	0	0	0	0	44
	09:45	0	0	0	0	0	2	0	6	33	5	0	0	0	0	0	0	46
	10:00	0	0	0	0	0	0	0	3	17	8	0	0	0	0	0	0	28
	10:15	0	0	0	0	0	0	1	7	16	8	2	0	0	0	0	0	34
	10:30	1	0	0	0	0	0	0	4	34	3	0	0	0	0	0	0	42
	10:45	0	0	0	0	0	0	0	8	28	1	0	0	0	0	0	0	37
Daily Total :		2	0	0	0	0	2	1	87	714	212	7	0	0	0	0	0	1025
Percent :		0%	0%	0%	0%	0%	0%	0%	8%	70%	21%	1%	0%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	2	16	5	0	0	0	0	0	0	43

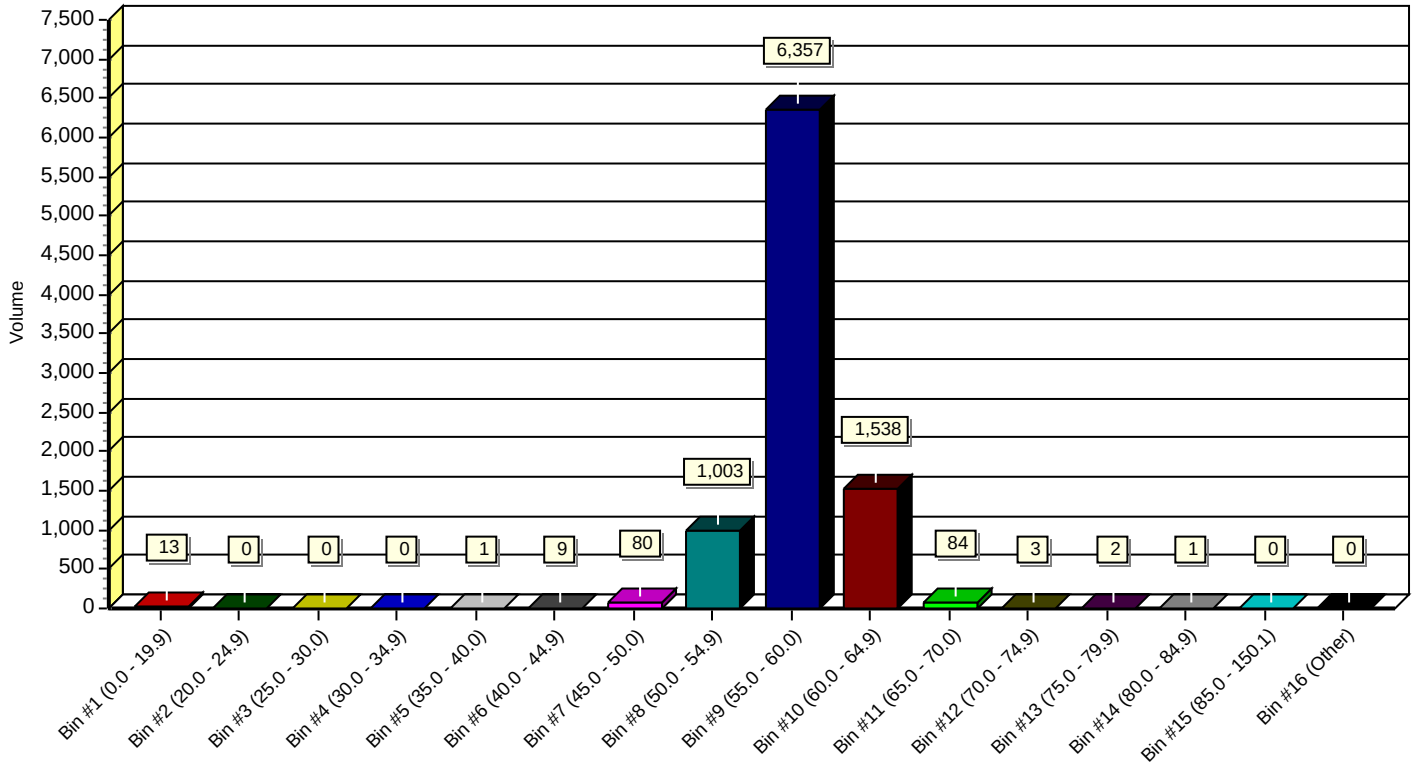
Speeds - Average: 58.0 50% : 58.0 67% : 59.2 85% : 61.7 10mph Pace: 55.0 - 64.9 (90.3%)

Basic Speed Class Summary: 2P0031456

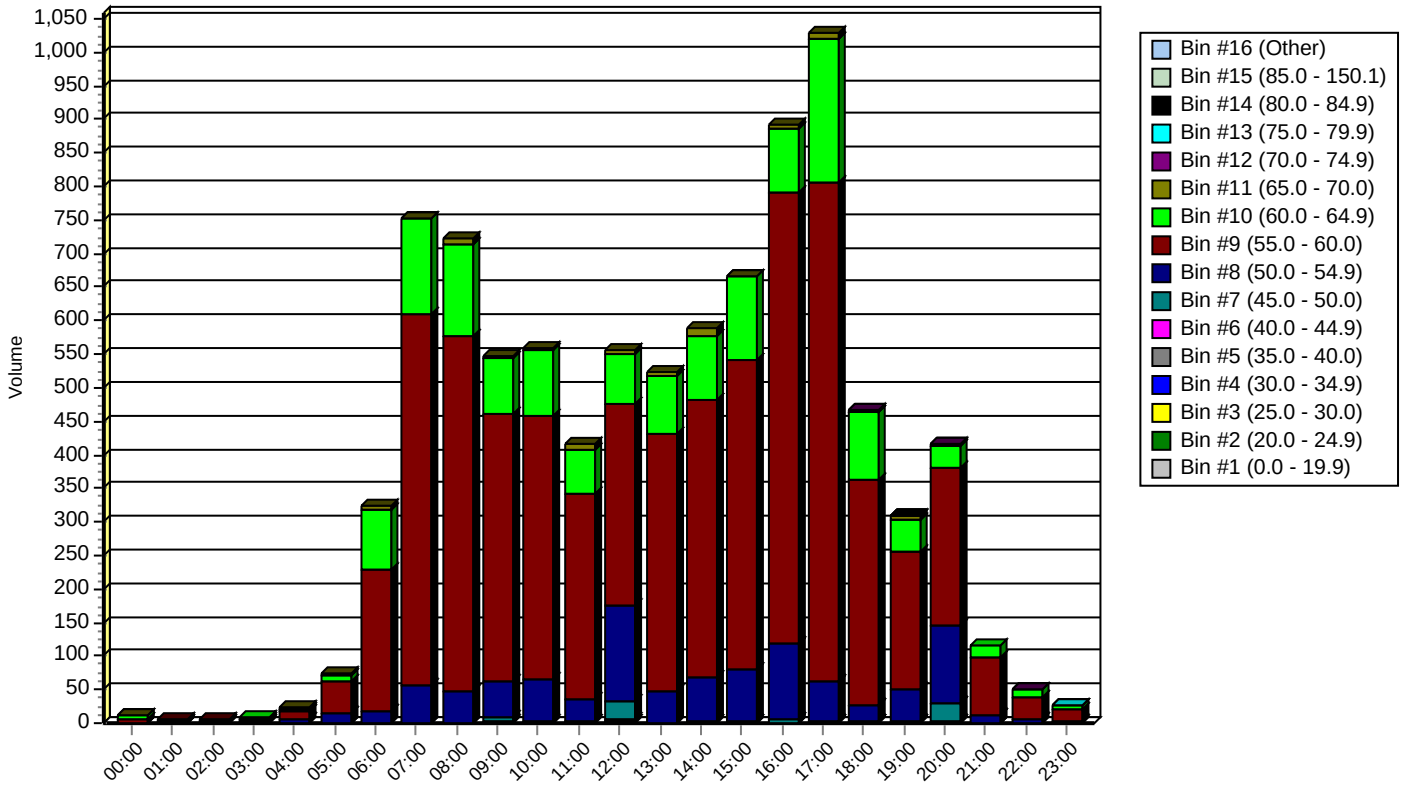
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	13	0	0	0	1	9	80	1003	6357	1538	84	3	2	1	0	0	9091
		13	0	0	0	1	9	80	1003	6357	1538	84	3	2	1	0	0	9091
Percents :	#1.	0%	0%	0%	0%	0%	0%	1%	11%	70%	17%	1%	0%	0%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	1%	11%	70%	17%	1%	0%	0%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	5	31	7	0	0	0	0	0	0	43
		0	0	0	0	0	0	0	5	31	7	0	0	0	0	0	0	43
Days & ADT :	#1.	2.1	4236															
		2.1	4236															
Avg,50,67,85%:	#1.	57.7	57.7	59.0	61.0	55.0	- 64.9	87%										
		57.7	57.7	59.0	61.0	55.0	- 64.9	87%										

2P0031456 Speed Class Charts For Data From: 07:30 - 04/11/2011 To: 11:14 - 04/13/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0031456

Station ID : 4D0031456
Info Line 1 : 90994480
Info Line 2 : I90 W OF 27TH
GPS Lat/Lon :
DB File : 4D0031456.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 97831
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 07:30 - 04/12/2011 To: 10:59 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	07:30	1	133	85	0	4	4	0	3	7	2	1	2	3	3	248
Tue	07:45	1	147	64	1	3	4	0	2	11	2	0	0	1	1	237
	08:00	0	85	46	2	10	4	0	4	11	2	0	0	1	2	167
	08:15	1	81	61	0	3	5	0	7	7	0	0	0	3	0	168
	08:30	0	70	61	1	3	3	0	2	4	0	0	0	1	1	146
	08:45	2	94	56	1	7	4	0	4	7	0	0	0	4	1	180
	09:00	0	62	44	0	3	3	0	3	12	1	0	0	3	0	131
	09:15	0	69	52	1	3	1	0	1	10	1	0	0	3	2	143
	09:30	0	69	41	1	3	4	0	4	9	1	0	0	4	0	136
	09:45	0	54	42	0	1	0	0	4	17	1	0	0	2	0	121
	10:00	0	52	57	0	2	5	0	4	9	1	0	0	1	0	131
	10:15	0	77	43	1	3	4	3	3	9	2	0	0	2	0	147
	10:30	0	58	53	0	1	1	0	4	16	0	0	0	4	1	138
	10:45	0	70	62	0	4	4	0	0	8	2	0	0	1	0	151
	11:00	0	73	58	2	5	4	0	1	10	1	0	0	1	0	155
	11:15	0	62	57	0	5	4	0	5	12	0	0	1	3	0	149
	11:30	0	81	66	1	2	3	0	2	7	0	0	0	2	1	165
	11:45	0	89	51	0	1	2	0	3	9	1	0	0	3	2	161
	12:00	0	77	52	2	3	3	0	1	8	2	0	0	3	1	152
	12:15	0	83	47	1	4	2	1	4	6	2	0	0	0	0	150
	12:30	0	92	47	0	3	3	0	5	13	1	0	1	1	2	168
	12:45	0	77	54	0	3	2	0	1	13	1	0	0	2	0	153
	13:00	0	62	54	2	4	3	0	1	14	1	0	0	3	0	144
	13:15	1	73	55	0	1	5	0	3	16	0	0	0	2	0	156
	13:30	1	78	57	0	1	5	0	2	10	1	0	0	1	0	156
	13:45	0	71	63	0	3	3	1	2	13	2	0	0	2	1	161
	14:00	1	67	59	1	5	5	1	2	11	2	0	0	1	0	155
	14:15	0	76	53	1	4	3	0	2	15	1	0	0	2	0	157
	14:30	0	85	50	2	4	6	0	4	13	1	0	0	2	1	168
	14:45	2	75	46	3	1	6	0	3	6	3	0	0	2	0	147
	15:00	0	72	50	0	3	4	0	1	12	3	1	0	2	0	148
	15:15	0	81	51	0	2	4	1	3	9	0	0	0	2	0	153
	15:30	1	99	82	0	6	2	1	6	10	3	0	0	1	0	211
	15:45	1	94	55	1	3	2	0	3	11	1	0	0	1	0	172

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	16:00	0	121	61	1	1	4	1	1	8	4	0	1	0	1	204
Tue	16:15	0	95	65	3	3	2	0	2	10	1	0	0	1	1	183
	16:30	2	122	62	2	0	5	0	0	7	1	0	1	2	0	204
	16:45	0	123	67	0	1	2	0	2	8	3	0	1	2	0	209
	17:00	0	135	74	0	3	1	0	2	10	2	0	0	2	1	230
	17:15	1	138	73	0	1	1	1	1	8	2	0	0	3	0	229
	17:30	1	132	59	1	5	3	1	3	8	1	0	0	0	2	216
	17:45	0	97	58	0	2	2	0	3	3	2	0	0	4	0	171
	18:00	1	98	58	0	2	0	0	3	5	0	0	0	0	0	167
	18:15	0	97	42	1	2	0	0	4	9	0	0	1	3	0	159
	18:30	1	82	56	0	1	0	0	1	4	4	0	0	1	1	151
	18:45	0	70	39	0	2	2	0	0	5	0	0	0	1	1	120
	19:00	0	65	34	0	0	1	0	0	8	1	0	0	2	0	111
	19:15	0	78	26	1	3	0	0	3	3	0	0	0	1	1	116
	19:30	0	63	28	2	0	0	0	3	5	1	1	0	3	0	106
	19:45	0	56	27	0	3	0	0	2	4	0	0	0	2	1	95
	20:00	0	56	28	1	3	0	0	3	4	0	0	0	1	0	96
	20:15	1	80	30	2	1	0	0	4	1	0	0	0	1	0	120
	20:30	0	71	26	1	0	0	0	2	6	0	0	1	1	1	109
	20:45	0	43	19	0	2	0	0	6	2	0	0	1	0	1	74
	21:00	0	35	18	0	3	0	0	3	1	0	1	0	1	1	63
	21:15	0	47	22	0	3	0	0	3	0	1	0	0	0	0	76
	21:30	0	29	18	0	0	0	0	1	1	0	0	1	2	0	52
	21:45	0	32	11	1	1	0	0	1	1	0	0	0	0	0	47
	22:00	0	26	10	0	0	0	0	5	4	0	0	0	1	0	46
	22:15	0	24	16	0	1	1	0	4	1	0	0	0	0	0	47
	22:30	0	24	11	0	4	0	0	2	1	0	0	1	0	0	43
	22:45	0	18	7	0	1	0	0	0	1	0	0	0	0	1	28
	23:00	0	21	5	0	2	0	0	0	4	0	0	0	2	0	34
	23:15	1	19	7	0	1	0	0	1	1	0	0	0	1	0	31
	23:30	0	14	9	0	1	0	0	3	1	0	0	0	0	0	28
	23:45	0	19	6	1	0	0	0	0	0	1	1	0	0	0	28
Daily Total :		20	4818	2946	41	165	141	11	167	489	65	5	12	106	32	9018
	Percent :	0%	53%	33%	0%	2%	2%	0%	2%	5%	1%	0%	0%	1%	0%	
	Average :	0	73	45	1	3	2	0	3	7	1	0	0	2	0	137

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	15	0	1	0	0	0	0	0	2	0	0	0	0	18
Wed	00:15	0	9	10	0	1	0	0	2	2	0	1	0	1	0	26
	00:30	0	6	9	0	0	0	0	2	1	0	1	0	0	0	19
	00:45	0	8	2	0	0	0	0	0	1	0	0	0	0	0	11
	01:00	0	10	4	0	0	1	0	1	0	2	0	0	0	0	18
	01:15	0	5	4	0	1	0	0	0	0	0	0	0	0	0	10
	01:30	0	7	3	0	1	0	0	1	4	0	0	0	0	0	16
	01:45	0	8	3	0	2	0	0	0	0	0	0	0	1	1	15
	02:00	0	3	8	0	0	1	0	3	1	0	0	0	1	0	17
	02:15	0	4	3	0	1	0	0	1	1	0	0	0	0	0	10
	02:30	0	3	0	0	3	0	0	2	1	0	0	1	1	0	11
	02:45	0	1	1	1	2	0	0	0	1	0	0	0	0	0	6
	03:00	0	1	2	0	0	0	0	1	1	1	0	0	0	0	6
	03:15	0	5	1	0	5	0	0	1	2	0	0	0	2	0	16
	03:30	0	5	4	0	3	0	0	1	2	1	0	0	0	1	17
	03:45	0	8	4	1	1	0	0	3	2	0	0	0	3	0	22
	04:00	0	13	4	0	2	0	0	0	3	0	0	0	1	1	24
	04:15	0	7	9	1	1	0	0	3	1	0	0	0	0	0	22
	04:30	0	11	12	1	2	0	0	1	4	0	0	0	1	0	32
	04:45	0	17	9	1	1	0	0	0	2	0	1	0	1	0	32
	05:00	0	20	11	0	4	0	0	2	3	1	1	0	1	0	43
	05:15	0	21	18	1	6	2	0	0	0	0	0	0	0	0	48
	05:30	0	26	22	1	8	0	0	2	4	0	0	0	0	1	64
	05:45	2	53	23	1	0	2	0	4	2	0	0	0	2	0	89
	06:00	1	26	19	1	7	1	0	5	1	0	0	1	3	0	65
	06:15	0	50	38	1	1	0	1	3	5	2	0	0	0	1	102
	06:30	0	74	47	1	1	0	0	2	4	0	0	0	0	1	130
	06:45	0	90	36	2	4	2	0	6	3	1	0	0	4	0	148
	07:00	0	84	55	1	9	0	0	6	1	0	0	0	3	2	161
	07:15	0	107	56	2	4	3	0	2	5	0	0	0	1	3	183
	07:30	1	135	70	3	1	1	0	8	4	2	0	1	0	3	229
	07:45	0	136	64	4	9	1	0	9	0	1	0	0	1	2	227
	08:00	0	110	42	2	8	1	0	3	8	0	0	0	4	0	178
	08:15	2	92	53	1	4	2	0	3	9	3	0	0	2	2	173
	08:30	0	81	52	4	6	2	1	0	4	2	0	1	5	1	159
	08:45	0	72	54	1	5	2	0	2	10	2	0	0	3	1	152
	09:00	0	59	55	1	6	2	0	6	11	3	0	0	4	0	147
	09:15	0	65	51	0	2	5	1	4	6	3	0	0	7	1	145
	09:30	0	67	36	0	9	2	0	3	9	0	0	1	3	0	130
	09:45	0	78	54	0	4	1	0	3	16	4	0	0	5	0	165
	10:00	1	59	54	2	2	2	0	4	7	0	0	0	4	0	135
	10:15	0	69	69	1	2	4	0	6	16	2	0	0	4	1	174
	10:30	0	61	57	2	3	1	0	1	10	5	0	0	6	1	147
	10:45	1	76	56	3	2	4	0	0	12	0	0	0	2	1	157
	11:00	1	65	63	1	5	2	0	2	13	1	0	1	1	0	155
	11:15	1	68	51	1	2	3	0	2	8	3	0	0	2	0	141
	11:30	0	68	62	2	1	1	0	2	16	2	0	0	3	1	158
	11:45	0	75	53	1	2	3	0	4	16	2	0	0	1	0	157
	12:00	0	77	53	0	3	3	0	4	9	3	0	0	5	0	157
	12:15	1	73	62	2	5	0	0	3	8	2	0	0	4	1	161

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	1	87	46	2	3	2	0	3	14	1	0	0	0	0	159
Wed	12:45	2	83	55	2	3	4	0	5	11	3	0	0	3	1	172
	13:00	0	76	63	2	5	1	0	2	12	0	0	1	5	0	167
	13:15	1	80	61	2	2	1	0	3	8	1	0	0	5	1	165
	13:30	1	76	54	0	2	1	0	1	8	3	0	0	2	0	148
	13:45	0	83	68	1	3	3	0	2	11	1	0	0	2	1	175
	14:00	0	68	64	1	5	1	0	2	8	1	0	0	1	1	152
	14:15	0	94	59	1	1	4	0	1	8	1	0	0	1	0	170
	14:30	0	79	51	2	4	5	0	3	15	6	0	0	2	0	167
	14:45	0	85	45	2	2	3	0	4	11	3	0	0	4	0	159
	15:00	1	73	67	0	1	6	0	0	13	0	0	0	0	2	163
	15:15	1	112	61	2	5	3	0	1	6	1	0	0	3	1	196
	15:30	0	102	77	1	2	2	0	2	14	2	0	0	1	0	203
	15:45	1	100	49	0	4	2	1	1	17	2	0	0	1	1	179
	16:00	1	120	76	1	1	2	0	4	4	2	0	0	2	2	215
	16:15	1	92	69	0	3	3	0	3	14	3	0	0	2	1	191
	16:30	1	106	83	1	4	0	0	2	10	1	0	0	2	1	211
	16:45	0	122	72	1	2	4	0	2	11	1	0	0	3	1	219
	17:00	0	147	86	0	2	0	0	0	10	2	0	0	2	0	249
	17:15	0	145	77	0	1	3	0	0	10	0	0	0	1	1	238
	17:30	0	130	82	1	1	3	0	3	14	1	0	0	4	1	240
	17:45	0	117	61	1	2	3	0	5	10	1	0	0	1	1	202
	18:00	0	92	55	0	3	1	0	3	4	0	0	1	2	0	161
	18:15	1	81	56	0	2	3	0	4	9	0	0	0	0	0	156
	18:30	0	67	47	0	1	0	0	0	6	0	0	1	0	0	122
	18:45	0	83	53	1	2	2	0	3	8	1	0	1	0	0	154
	19:00	0	72	38	0	1	1	0	5	2	1	1	0	2	0	123
	19:15	0	45	36	0	3	1	0	2	7	1	0	1	0	1	97
	19:30	0	57	26	0	2	1	0	3	9	0	0	1	4	0	103
	19:45	1	59	21	0	2	0	0	1	4	0	0	0	1	0	89
	20:00	0	49	25	0	4	1	0	2	7	2	1	1	0	0	92
	20:15	0	59	27	0	3	0	0	2	3	2	0	0	0	0	96
	20:30	0	34	20	0	5	0	0	5	2	0	0	0	1	2	69
	20:45	0	53	15	1	4	0	0	2	1	0	2	0	2	0	80
	21:00	1	41	19	1	5	0	0	0	4	0	0	0	1	0	72
	21:15	0	31	16	0	2	0	0	2	1	0	0	1	0	0	53
	21:30	0	27	14	0	1	0	0	3	4	0	1	1	0	0	51
	21:45	0	32	11	1	2	0	0	4	1	0	0	0	0	0	51
	22:00	0	24	10	0	0	0	0	3	7	0	0	1	1	0	46
	22:15	0	28	7	0	4	0	0	1	2	0	0	1	1	0	44
	22:30	0	26	7	0	3	1	0	1	1	0	0	0	1	1	41
	22:45	0	14	7	0	1	0	0	1	2	0	0	0	1	0	26
	23:00	0	14	7	0	2	0	0	3	0	0	0	0	0	0	26
	23:15	0	12	3	0	3	1	0	0	1	0	0	0	0	1	21
	23:30	0	16	8	1	1	0	0	1	0	0	0	0	0	0	27
	23:45	0	10	9	1	3	0	0	3	0	0	0	0	0	0	26
Daily Total :		25	5486	3491	77	268	122	4	226	573	93	9	17	156	47	10594
Percent :		0%	52%	33%	1%	3%	1%	0%	2%	5%	1%	0%	0%	1%	0%	
Average :		0	57	36	1	3	1	0	2	6	1	0	0	2	0	109

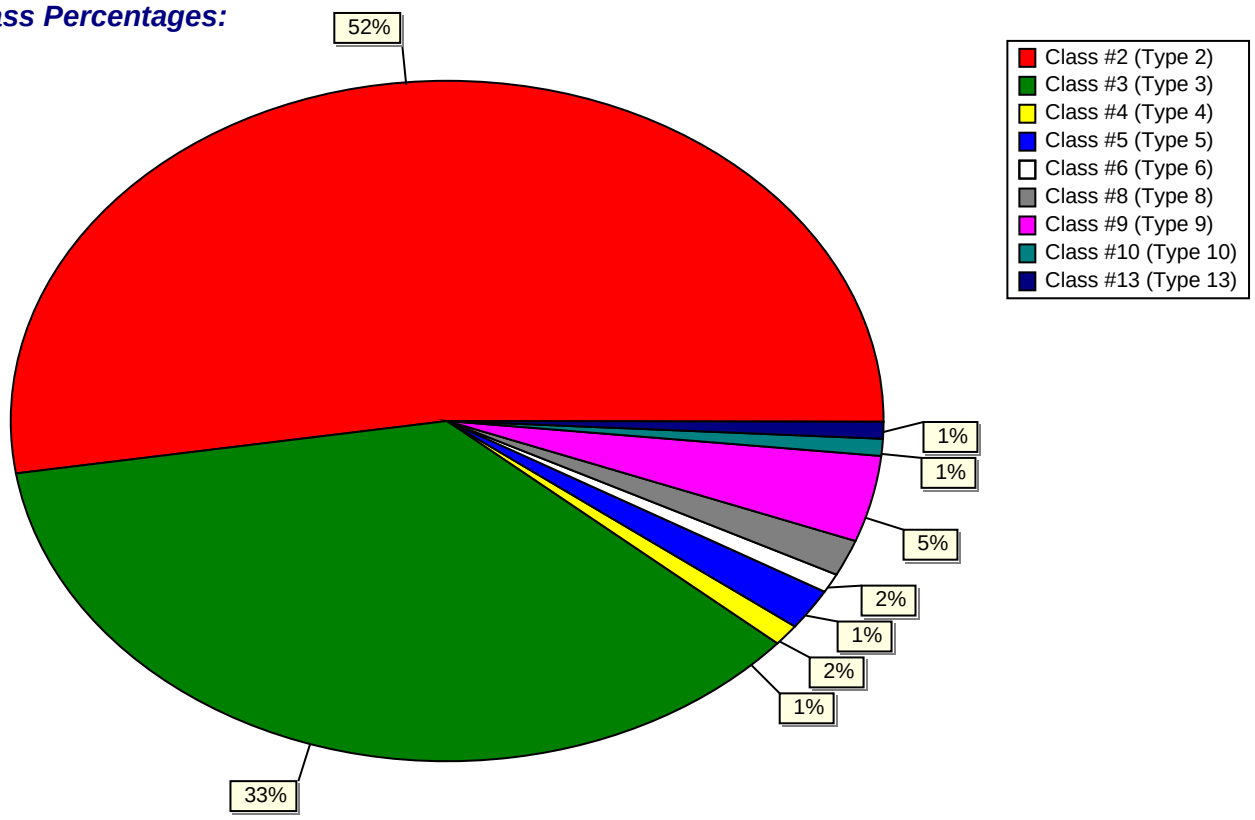
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	9	6	0	1	0	0	1	2	1	1	1	0	0	22
Thu	00:15	1	10	3	0	2	0	0	1	2	0	0	1	1	0	21
	00:30	0	9	3	0	3	0	0	1	1	0	0	0	0	0	17
	00:45	0	10	5	0	2	0	0	2	0	0	0	0	2	0	21
	01:00	0	5	4	1	0	0	0	0	1	0	0	0	1	0	12
	01:15	0	6	4	0	0	0	0	2	0	0	0	0	0	0	12
	01:30	0	3	5	0	0	0	0	0	1	0	0	0	0	0	9
	01:45	0	7	6	0	1	1	0	1	2	0	0	0	0	0	18
	02:00	0	9	3	0	2	0	0	1	0	0	0	0	0	0	15
	02:15	0	3	2	0	1	0	0	0	3	0	0	0	1	0	10
	02:30	0	3	1	0	1	0	0	0	1	0	0	0	0	0	6
	02:45	0	3	3	1	1	0	0	1	1	0	0	0	0	0	10
	03:00	0	5	3	0	1	0	0	1	1	0	0	0	2	0	13
	03:15	0	6	0	0	3	0	0	1	1	0	0	0	0	0	11
	03:30	0	5	2	0	2	0	0	1	1	0	0	0	1	0	12
	03:45	0	2	6	0	2	0	0	4	1	0	0	0	0	0	15
	04:00	0	14	4	1	1	0	0	1	1	0	0	1	1	0	24
	04:15	0	6	3	0	3	0	0	2	2	0	0	0	0	0	16
	04:30	0	11	11	1	4	0	0	0	0	0	0	1	3	0	31
	04:45	0	17	10	1	0	0	0	1	1	0	0	0	1	1	32
	05:00	0	13	9	1	0	0	1	3	3	1	0	0	2	0	33
	05:15	0	23	17	0	6	3	0	3	6	0	0	0	1	2	61
	05:30	0	30	16	1	4	1	0	4	3	0	0	0	2	0	61
	05:45	1	40	18	0	3	1	0	8	3	0	0	0	2	0	76
	06:00	1	32	22	1	4	0	0	3	2	0	0	0	0	0	65
	06:15	0	54	33	1	2	0	1	3	4	0	0	0	1	0	99
	06:30	0	74	34	3	4	1	0	4	6	0	0	0	2	3	131
	06:45	0	82	60	1	6	1	0	4	4	0	0	0	0	0	158
	07:00	0	76	43	1	5	0	0	4	5	0	0	1	4	0	139
	07:15	2	78	59	4	4	0	0	1	6	0	0	0	1	0	155
	07:30	1	113	86	2	3	3	0	6	5	0	0	1	3	0	223
	07:45	1	142	70	2	5	2	0	12	8	2	0	0	1	2	247
	08:00	0	94	40	0	3	2	0	6	8	0	0	0	2	0	155
	08:15	0	86	60	2	6	0	0	4	4	0	0	0	0	1	163
	08:30	0	90	45	2	10	1	0	6	3	0	0	0	3	1	161
	08:45	0	66	52	1	8	3	0	5	5	0	0	1	1	2	144
	09:00	0	61	39	1	9	1	0	4	6	0	0	1	3	2	127
	09:15	0	64	55	0	5	0	0	7	6	0	0	0	2	1	140
	09:30	0	76	36	1	7	1	0	10	2	1	0	0	3	3	140
	09:45	0	88	67	1	2	3	0	5	5	0	1	0	0	2	174
	10:00	0	68	65	1	6	2	0	6	5	0	0	0	0	1	154
	10:15	0	74	58	0	6	1	1	2	7	3	0	0	1	0	153
	10:30	0	72	50	0	5	1	0	5	10	2	0	0	0	0	145
Daily Total :		7	1739	1118	31	143	28	3	136	138	10	2	8	47	21	3431
Percent :		0%	51%	33%	1%	4%	1%	0%	4%	4%	0%	0%	0%	1%	1%	
Average :		0	40	26	1	3	1	0	3	3	0	0	0	1	0	78

Basic Axle Class Summary: 4D0031456

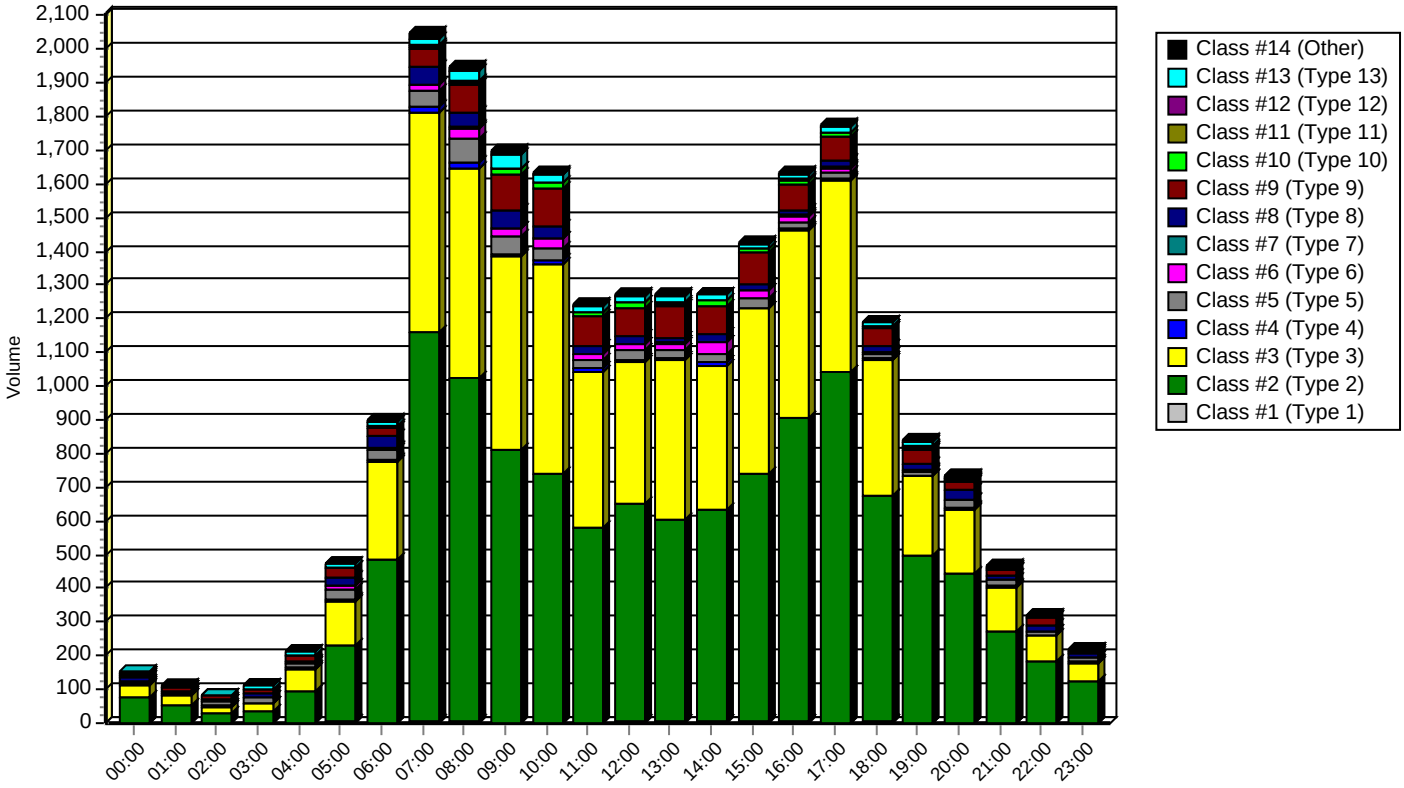
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	52	12043	7555	149	576	291	18	529	1200	168	16	37	309	100	23043
		52	12043	7555	149	576	291	18	529	1200	168	16	37	309	100	23043
Percents :	#1.	0%	52%	33%	1%	2%	1%	0%	2%	5%	1%	0%	0%	1%	0%	100%
		0%	52%	33%	1%	2%	1%	0%	2%	5%	1%	0%	0%	1%	0%	
Average :	#1.	0	59	37	1	3	1	0	3	6	1	0	0	2	0	113
		0	59	37	1	3	1	0	3	6	1	0	0	2	0	113
Days & ADT :	#1.	2.1	10790													
		2.1	10790													

4D0031456 Axle Class Charts For Data From: 07:30 - 04/12/2011 To: 10:59 - 04/14/2011

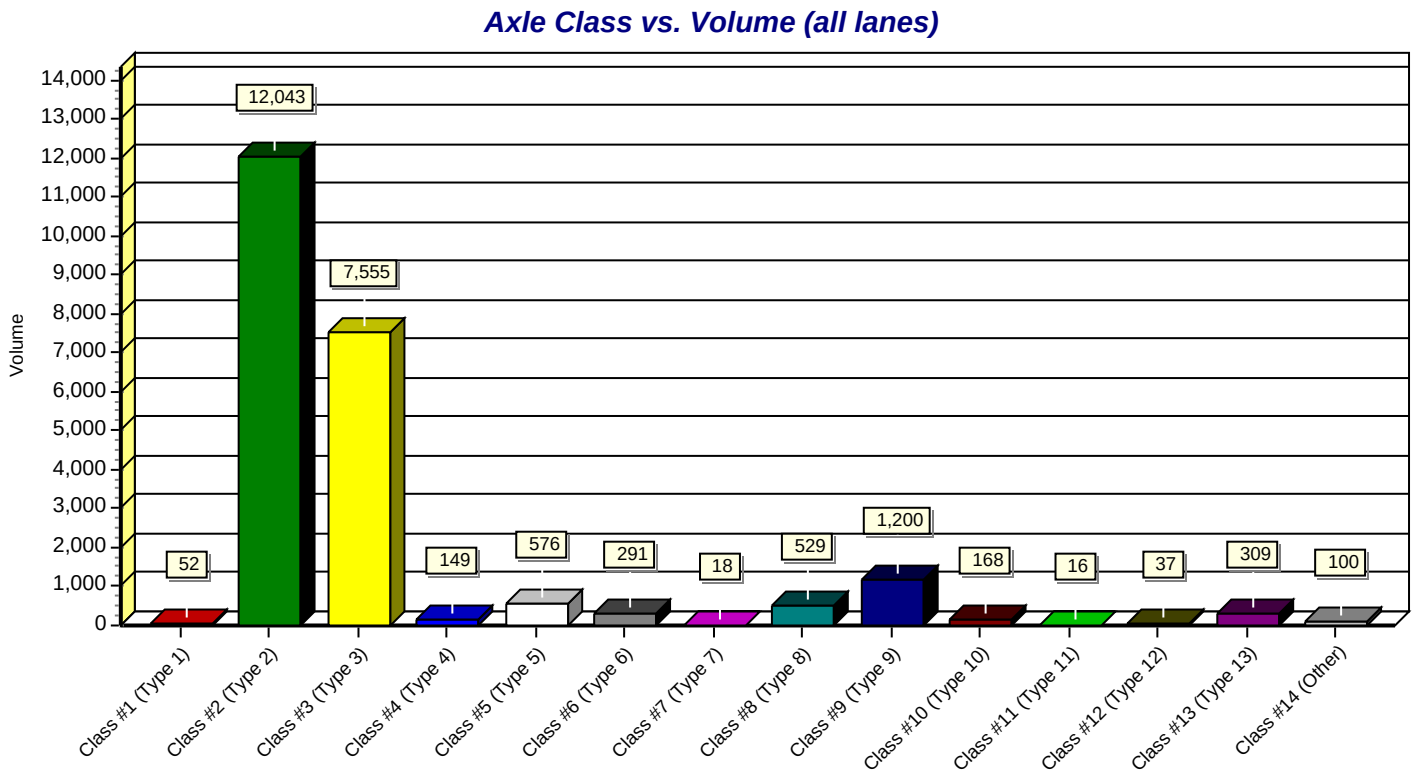
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0031456 Axle Class Charts For Data From: 07:30 - 04/12/2011 To: 10:59 - 04/14/2011



Basic Speed Classification Report: 4D0031456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 07:30 - 04/12/2011 To: 10:59 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	07:30	0	0	0	0	0	0	1	15	80	119	33	0	0	0	0	0	248
Tue	07:45	0	0	0	0	0	1	0	6	30	120	74	5	1	0	0	0	237
	08:00	1	0	0	0	0	0	0	2	29	88	43	4	0	0	0	0	167
	08:15	0	0	0	0	0	0	0	4	26	84	52	2	0	0	0	0	168
	08:30	1	0	0	0	0	0	1	2	23	84	32	3	0	0	0	0	146
	08:45	0	2	0	0	0	0	1	11	32	103	27	4	0	0	0	0	180
	09:00	0	0	0	0	0	0	1	6	45	56	22	1	0	0	0	0	131
	09:15	0	0	0	0	0	0	1	2	33	88	19	0	0	0	0	0	143
	09:30	0	0	0	0	0	0	0	4	15	73	41	3	0	0	0	0	136
	09:45	1	0	0	0	0	0	0	4	11	70	34	1	0	0	0	0	121
	10:00	1	0	0	0	0	0	2	4	22	69	30	3	0	0	0	0	131
	10:15	0	0	0	0	0	0	2	4	20	93	27	1	0	0	0	0	147
	10:30	0	0	0	0	0	0	0	3	23	67	38	7	0	0	0	0	138
	10:45	0	0	0	0	0	0	1	4	24	80	39	3	0	0	0	0	151
	11:00	0	0	0	0	0	0	0	2	33	88	27	5	0	0	0	0	155
	11:15	0	0	0	0	0	0	0	3	44	78	21	3	0	0	0	0	149
	11:30	0	0	0	0	0	0	1	5	30	78	47	4	0	0	0	0	165
	11:45	0	0	0	0	0	0	0	7	19	86	46	3	0	0	0	0	161
	12:00	0	0	0	0	0	0	3	9	26	72	35	7	0	0	0	0	152
	12:15	0	0	0	0	0	0	1	7	34	76	31	1	0	0	0	0	150
	12:30	0	0	0	0	0	1	1	1	33	82	48	2	0	0	0	0	168
	12:45	0	0	0	0	0	0	0	3	17	85	43	5	0	0	0	0	153
	13:00	0	0	0	0	0	0	0	5	28	69	39	3	0	0	0	0	144
	13:15	1	0	0	0	0	0	0	1	19	88	43	3	1	0	0	0	156
	13:30	0	0	0	0	0	0	0	2	22	81	44	6	1	0	0	0	156
	13:45	0	0	0	0	0	0	0	2	23	92	38	5	1	0	0	0	161
	14:00	0	0	0	0	0	0	2	6	33	90	20	3	1	0	0	0	155
	14:15	0	0	0	0	0	0	0	1	30	92	32	1	1	0	0	0	157
	14:30	0	0	0	0	0	0	1	4	48	88	23	4	0	0	0	0	168
	14:45	0	0	0	0	0	0	0	4	16	93	32	2	0	0	0	0	147
	15:00	0	0	0	0	0	0	0	3	42	90	13	0	0	0	0	0	148
	15:15	0	0	0	0	0	0	0	4	21	92	31	5	0	0	0	0	153
	15:30	0	0	0	0	0	0	1	3	36	120	46	5	0	0	0	0	211
	15:45	0	0	0	0	0	0	0	5	42	79	43	3	0	0	0	0	172
	16:00	0	0	0	0	0	0	1	1	24	122	49	7	0	0	0	0	204
	16:15	0	0	0	0	0	0	0	4	46	104	28	1	0	0	0	0	183
	16:30	0	0	0	0	0	0	0	1	38	130	35	0	0	0	0	0	204
	16:45	0	0	0	0	0	0	0	8	49	120	31	1	0	0	0	0	209
	17:00	1	0	0	0	0	0	1	4	31	128	62	3	0	0	0	0	230
	17:15	0	0	0	0	0	0	0	5	38	125	57	3	1	0	0	0	229

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	17:30	0	0	0	1	3	0	0	2	23	113	66	6	2	0	0	0	216
Tue	17:45	0	0	0	0	0	0	2	0	13	100	52	4	0	0	0	0	171
	18:00	0	0	0	0	0	0	0	0	7	93	62	5	0	0	0	0	167
	18:15	0	0	0	0	0	0	0	1	15	89	49	5	0	0	0	0	159
	18:30	0	0	0	0	0	0	0	0	18	79	50	4	0	0	0	0	151
	18:45	0	0	0	0	0	0	0	0	30	74	16	0	0	0	0	0	120
	19:00	0	0	0	0	0	0	0	2	9	60	37	3	0	0	0	0	111
	19:15	0	0	0	0	0	0	0	0	5	62	42	5	2	0	0	0	116
	19:30	1	0	0	0	0	0	0	1	23	59	20	2	0	0	0	0	106
	19:45	0	0	0	0	0	0	0	0	15	52	26	2	0	0	0	0	95
	20:00	0	0	0	0	0	0	0	0	14	47	34	1	0	0	0	0	96
	20:15	1	0	0	0	0	0	0	1	10	83	22	3	0	0	0	0	120
	20:30	0	0	0	0	0	0	2	6	21	49	29	2	0	0	0	0	109
	20:45	0	0	0	0	0	0	0	2	14	35	22	1	0	0	0	0	74
	21:00	0	0	0	0	1	0	0	7	10	31	13	0	1	0	0	0	63
	21:15	0	0	0	0	0	0	1	1	11	41	20	2	0	0	0	0	76
	21:30	0	0	0	0	0	0	0	0	8	36	7	0	1	0	0	0	52
	21:45	0	0	0	0	0	0	0	3	6	22	16	0	0	0	0	0	47
	22:00	0	0	0	0	0	0	0	2	8	29	5	2	0	0	0	0	46
	22:15	0	0	0	0	0	0	0	3	6	26	9	2	1	0	0	0	47
	22:30	0	0	0	0	0	0	0	2	6	20	14	0	0	1	0	0	43
	22:45	0	0	0	0	0	0	1	0	5	13	8	1	0	0	0	0	28
	23:00	0	0	0	0	0	0	0	0	10	16	7	1	0	0	0	0	34
	23:15	0	0	0	0	0	0	0	0	1	17	12	0	1	0	0	0	31
	23:30	0	0	0	0	0	0	1	2	2	16	6	1	0	0	0	0	28
	23:45	0	0	0	0	0	0	0	3	4	14	5	1	1	0	0	0	28
Daily Total :		8	2	0	1	4	2	29	209	1529	4918	2124	175	16	1	0	0	9018
Percent :		0%	0%	0%	0%	0%	0%	0%	2%	17%	55%	24%	2%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	3	23	75	32	3	0	0	0	0	113

Speeds - Average: 62.6 50% : 62.8 67% : 64.4 85% : 67.3 10mph Pace: 60.1 - 70.0 (78.1%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	1	6	6	5	0	0	0	0	0	18
Wed	00:15	0	0	0	0	0	0	0	0	3	16	5	2	0	0	0	0	26
	00:30	0	0	0	0	0	0	0	2	3	9	3	2	0	0	0	0	19
	00:45	0	0	0	0	0	0	0	1	1	6	3	0	0	0	0	0	11
	01:00	0	0	0	0	0	0	0	0	4	6	5	2	1	0	0	0	18
	01:15	0	0	0	0	0	0	0	0	1	4	4	1	0	0	0	0	10
	01:30	0	0	0	0	0	0	1	1	3	5	4	1	1	0	0	0	16
	01:45	0	0	0	0	0	0	0	0	5	7	3	0	0	0	0	0	15
	02:00	0	0	0	0	0	0	0	1	2	7	6	1	0	0	0	0	17
	02:15	0	0	0	0	0	0	0	1	1	5	3	0	0	0	0	0	10
	02:30	0	0	0	0	0	0	0	1	1	9	0	0	0	0	0	0	11
	02:45	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	6
	03:15	0	0	0	0	0	0	0	2	6	6	2	0	0	0	0	0	16
	03:30	0	0	0	0	0	0	0	0	3	9	5	0	0	0	0	0	17
	03:45	0	0	0	0	0	0	1	1	3	12	3	2	0	0	0	0	22
	04:00	0	0	0	0	0	0	0	0	5	10	9	0	0	0	0	0	24
	04:15	0	0	0	0	0	0	0	0	4	11	6	1	0	0	0	0	22
	04:30	0	0	0	0	0	0	0	1	7	9	14	1	0	0	0	0	32
	04:45	0	0	0	0	0	0	1	1	4	16	9	1	0	0	0	0	32
	05:00	0	0	0	0	0	0	0	2	3	15	21	2	0	0	0	0	43
	05:15	0	0	0	0	0	0	1	1	5	17	22	2	0	0	0	0	48
	05:30	0	0	0	0	0	0	0	0	7	38	18	1	0	0	0	0	64
	05:45	1	0	0	0	0	0	0	1	8	47	28	4	0	0	0	0	89
	06:00	0	0	0	0	0	0	0	6	15	23	19	2	0	0	0	0	65
	06:15	0	0	0	0	0	0	0	4	11	41	40	6	0	0	0	0	102
	06:30	0	0	0	0	0	0	0	2	13	51	57	7	0	0	0	0	130
	06:45	0	0	0	0	0	0	0	3	15	58	62	9	1	0	0	0	148
	07:00	0	0	0	0	0	0	0	4	23	76	48	8	1	1	0	0	161
	07:15	0	0	0	0	0	0	1	3	20	84	68	6	0	1	0	0	183
	07:30	0	0	0	0	0	0	0	2	35	119	62	10	1	0	0	0	229
	07:45	1	0	0	0	0	1	1	2	18	94	99	11	0	0	0	0	227
	08:00	0	0	0	0	0	0	0	2	20	89	59	8	0	0	0	0	178
	08:15	1	0	0	0	0	0	1	5	15	97	50	4	0	0	0	0	173
	08:30	0	0	0	0	0	0	0	12	26	79	40	1	1	0	0	0	159
	08:45	0	0	0	0	0	0	0	4	8	85	51	4	0	0	0	0	152
	09:00	0	0	0	0	0	0	1	6	21	66	47	6	0	0	0	0	147
	09:15	0	0	0	0	0	0	0	2	27	73	39	4	0	0	0	0	145
	09:30	0	0	0	0	0	0	0	0	18	78	30	3	1	0	0	0	130
	09:45	0	0	0	0	0	0	1	5	22	101	35	1	0	0	0	0	165
	10:00	0	0	0	0	0	0	0	2	26	80	24	3	0	0	0	0	135
	10:15	0	0	0	0	0	0	1	2	28	83	56	4	0	0	0	0	174
	10:30	0	0	0	0	0	1	1	0	11	76	51	6	1	0	0	0	147
	10:45	0	0	0	0	0	0	0	1	20	83	49	4	0	0	0	0	157
	11:00	0	0	0	0	0	0	0	2	6	89	50	8	0	0	0	0	155
	11:15	0	0	0	0	0	0	1	1	16	59	51	12	1	0	0	0	141
	11:30	1	0	0	0	0	0	0	0	21	77	53	6	0	0	0	0	158
	11:45	0	0	0	0	0	0	0	2	20	85	47	3	0	0	0	0	157
	12:00	0	0	0	0	0	0	0	0	13	82	59	3	0	0	0	0	157
	12:15	0	0	0	0	0	0	1	1	13	79	57	7	3	0	0	0	161

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	21	85	48	5	0	0	0	0	159
Wed	12:45	0	0	0	0	0	0	0	4	22	94	44	7	1	0	0	0	172
	13:00	0	0	0	0	0	0	0	4	23	78	50	11	1	0	0	0	167
	13:15	0	0	0	0	0	0	1	0	13	81	57	12	1	0	0	0	165
	13:30	0	0	0	0	0	0	0	1	14	68	58	7	0	0	0	0	148
	13:45	0	0	0	0	0	0	0	3	27	94	46	4	1	0	0	0	175
	14:00	0	0	0	0	0	0	0	2	19	76	45	10	0	0	0	0	152
	14:15	0	0	0	0	0	0	1	1	17	73	70	8	0	0	0	0	170
	14:30	0	0	0	0	0	0	0	3	18	90	45	11	0	0	0	0	167
	14:45	0	0	0	0	0	0	0	2	13	72	66	5	1	0	0	0	159
	15:00	0	0	0	0	0	0	0	1	18	76	63	5	0	0	0	0	163
	15:15	0	0	0	0	0	0	0	1	10	86	84	12	3	0	0	0	196
	15:30	0	0	0	0	0	0	1	3	24	96	70	9	0	0	0	0	203
	15:45	0	0	0	0	0	0	0	3	22	96	53	5	0	0	0	0	179
	16:00	0	0	0	0	0	0	0	1	18	107	78	11	0	0	0	0	215
	16:15	0	0	0	0	0	0	0	1	14	100	65	9	2	0	0	0	191
	16:30	0	0	0	0	0	0	0	4	19	98	81	7	2	0	0	0	211
	16:45	1	0	0	0	0	0	0	0	22	106	80	9	1	0	0	0	219
	17:00	0	0	0	0	0	0	0	4	31	112	91	9	2	0	0	0	249
	17:15	0	0	0	0	0	0	0	3	20	107	98	8	2	0	0	0	238
	17:30	0	0	0	0	0	0	0	2	17	139	77	3	2	0	0	0	240
	17:45	0	0	0	0	0	0	0	3	28	100	59	9	3	0	0	0	202
	18:00	0	0	0	0	0	0	0	0	14	76	67	4	0	0	0	0	161
	18:15	0	0	0	0	0	0	2	1	16	72	57	8	0	0	0	0	156
	18:30	0	0	0	0	0	0	1	1	7	65	42	3	3	0	0	0	122
	18:45	0	0	0	0	0	0	0	2	20	77	49	5	1	0	0	0	154
	19:00	0	0	0	0	0	0	0	1	16	55	47	4	0	0	0	0	123
	19:15	0	0	0	0	0	0	0	3	10	48	33	3	0	0	0	0	97
	19:30	0	0	0	0	0	0	0	1	11	57	33	1	0	0	0	0	103
	19:45	0	0	0	0	0	0	0	2	8	46	26	7	0	0	0	0	89
	20:00	0	0	0	0	0	0	0	2	13	51	21	5	0	0	0	0	92
	20:15	0	0	0	0	0	0	0	1	12	53	26	4	0	0	0	0	96
	20:30	0	0	0	0	0	0	0	3	12	34	14	5	1	0	0	0	69
	20:45	0	0	0	0	0	0	0	3	13	35	23	2	4	0	0	0	80
	21:00	0	1	0	0	0	0	0	3	14	32	18	2	1	0	1	0	72
	21:15	0	0	0	0	0	0	0	1	7	20	19	5	1	0	0	0	53
	21:30	0	0	0	0	0	0	1	1	7	27	9	5	1	0	0	0	51
	21:45	0	0	0	0	0	0	1	2	8	29	10	1	0	0	0	0	51
	22:00	0	0	0	1	0	0	0	3	10	24	6	2	0	0	0	0	46
	22:15	0	0	0	0	0	1	0	2	7	24	10	0	0	0	0	0	44
	22:30	0	0	0	0	0	0	1	2	3	23	12	0	0	0	0	0	41
	22:45	0	0	0	0	0	0	0	0	5	12	7	1	1	0	0	0	26
	23:00	0	0	0	0	0	0	0	0	5	10	7	3	1	0	0	0	26
	23:15	0	0	0	0	0	0	0	0	1	12	8	0	0	0	0	0	21
	23:30	0	0	0	0	0	0	0	0	4	17	6	0	0	0	0	0	27
	23:45	0	0	0	0	0	0	0	0	6	9	9	2	0	0	0	0	26

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		5	1	0	1	0	3	22	170	1225	5228	3471	417	48	2	1	0	10594
Percent :		0%	0%	0%	0%	0%	0%	0%	2%	12%	49%	33%	4%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	2	13	54	36	4	1	0	0	0	136

Speeds - Average: 63.8 50% : 63.8 67% : 65.7 85% : 68.4 10mph Pace: 60.1 - 70.0 (82.1%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	1	14	7	0	0	0	0	0	22
Thu	00:15	1	0	0	0	0	0	0	2	2	8	6	2	0	0	0	0	21
	00:30	0	0	0	0	0	0	0	0	0	11	5	1	0	0	0	0	17
	00:45	0	0	0	0	0	0	0	0	3	15	2	1	0	0	0	0	21
	01:00	0	0	0	0	0	0	1	0	1	4	3	3	0	0	0	0	12
	01:15	0	0	0	0	0	0	0	0	3	6	3	0	0	0	0	0	12
	01:30	0	0	0	0	0	0	0	0	0	5	2	1	1	0	0	0	9
	01:45	0	0	0	0	0	0	0	1	1	12	4	0	0	0	0	0	18
	02:00	0	0	0	0	0	0	0	0	4	5	6	0	0	0	0	0	15
	02:15	0	0	0	0	0	0	0	1	3	4	2	0	0	0	0	0	10
	02:30	0	0	0	0	0	0	0	1	0	4	1	0	0	0	0	0	6
	02:45	0	0	0	0	0	0	0	0	4	4	2	0	0	0	0	0	10
	03:00	0	0	0	0	0	0	0	2	1	5	3	2	0	0	0	0	13
	03:15	0	0	0	0	0	0	0	0	1	1	9	0	0	0	0	0	11
	03:30	0	0	0	0	0	0	0	1	4	5	1	1	0	0	0	0	12
	03:45	0	0	0	0	0	0	0	2	4	5	3	1	0	0	0	0	15
	04:00	0	0	0	0	0	0	0	1	2	10	10	1	0	0	0	0	24
	04:15	0	0	0	0	0	0	0	0	1	10	3	2	0	0	0	0	16
	04:30	0	0	0	0	0	0	0	0	9	14	8	0	0	0	0	0	31
	04:45	0	0	0	0	0	0	0	0	9	13	10	0	0	0	0	0	32
	05:00	1	0	0	0	0	0	1	0	6	16	9	0	0	0	0	0	33
	05:15	0	0	0	0	0	0	0	2	11	29	17	0	2	0	0	0	61
	05:30	0	0	0	0	0	0	1	8	11	28	12	1	0	0	0	0	61
	05:45	0	0	0	0	0	0	1	0	15	26	30	4	0	0	0	0	76
	06:00	0	0	0	0	0	0	1	3	15	30	14	2	0	0	0	0	65
	06:15	0	0	0	0	0	0	1	3	21	44	30	0	0	0	0	0	99
	06:30	0	0	0	0	1	0	0	0	22	62	42	4	0	0	0	0	131
	06:45	0	0	0	0	0	0	1	4	11	81	58	3	0	0	0	0	158
	07:00	0	0	0	0	0	0	0	2	18	67	46	6	0	0	0	0	139
	07:15	0	2	0	0	0	0	0	0	22	80	45	5	1	0	0	0	155
	07:30	0	0	0	0	0	0	0	3	27	122	64	7	0	0	0	0	223
	07:45	0	1	0	0	0	0	0	8	63	113	58	3	1	0	0	0	247
	08:00	1	0	0	0	0	0	0	2	35	74	39	4	0	0	0	0	155
	08:15	1	0	0	0	0	0	0	4	30	87	37	4	0	0	0	0	163
	08:30	0	0	0	0	0	0	0	4	28	78	47	4	0	0	0	0	161
	08:45	0	0	0	0	0	0	1	4	28	86	21	4	0	0	0	0	144
	09:00	0	0	0	0	0	0	0	2	21	74	28	2	0	0	0	0	127
	09:15	0	0	0	0	0	0	0	1	15	78	43	3	0	0	0	0	140
	09:30	0	1	0	0	0	0	1	6	28	68	31	5	0	0	0	0	140
	09:45	0	0	0	0	0	0	4	18	48	80	24	0	0	0	0	0	174
	10:00	0	0	0	0	0	0	0	7	35	87	24	0	1	0	0	0	154
	10:15	0	0	0	0	0	0	1	3	39	77	29	4	0	0	0	0	153
	10:30	0	0	0	0	0	0	0	9	24	81	29	2	0	0	0	0	145
Daily Total :		4	4	0	0	1	0	14	104	626	1723	867	82	6	0	0	0	3431
Percent :		0%	0%	0%	0%	0%	0%	0%	3%	18%	50%	25%	2%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	2	15	40	20	2	0	0	0	0	110

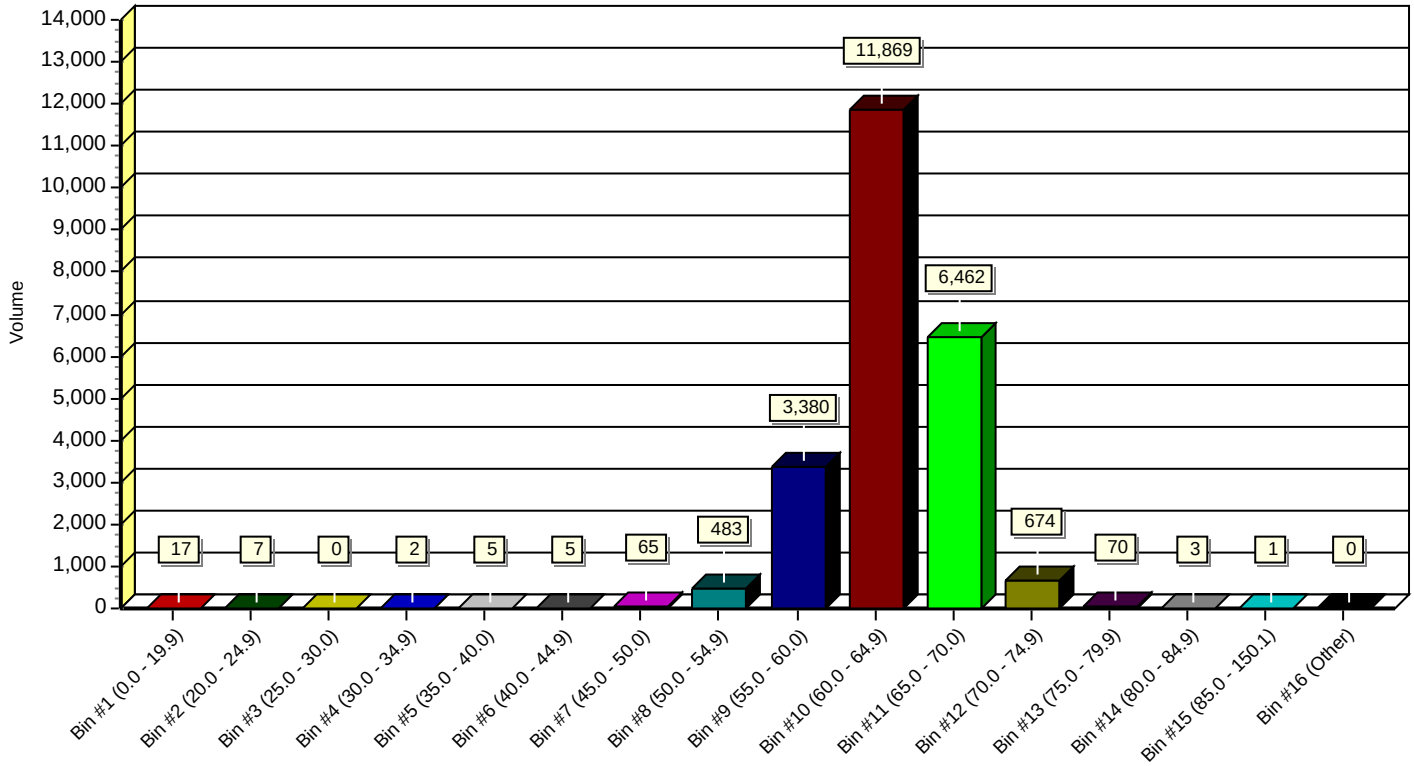
Speeds - Average: 62.6 50% : 62.9 67% : 64.5 85% : 67.6 10mph Pace: 60.1 - 70.0 (75.5%)

Basic Speed Class Summary: 4D0031456

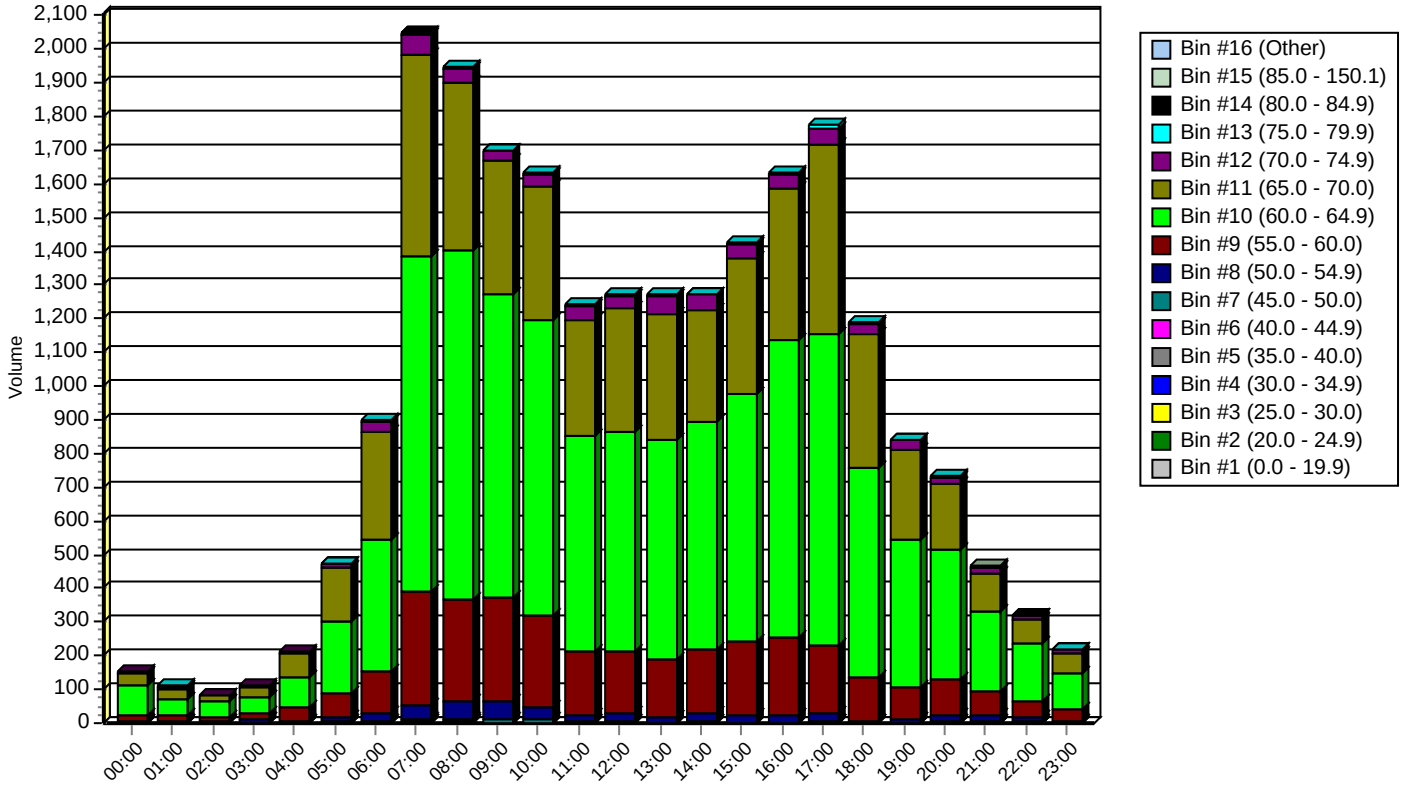
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	17	7	0	2	5	5	65	483	3380	11869	6462	674	70	3	1	0	23043
		17	7	0	2	5	5	65	483	3380	11869	6462	674	70	3	1	0	23043
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	2%	15%	52%	28%	3%	0%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	2%	15%	52%	28%	3%	0%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	2	16	58	32	3	0	0	0	0	111
		0	0	0	0	0	0	0	2	16	58	32	3	0	0	0	0	111
Days & ADT :	#1.	2.1	10790															
		2.1	10790															
Avg,50,67,85%:	#1.	63.2	63.3	64.9	68.0	60.1	- 70.0	80%										
		63.2	63.3	64.9	68.0	60.1	- 70.0	80%										

4D0031456 Speed Class Charts For Data From: 07:30 - 04/12/2011 To: 10:59 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0031456

Station ID : 4P0031456
Info Line 1 : 90994480
Info Line 2 : I90 W OF 27TH
GPS Lat/Lon :
DB File : 4P0031456.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 91402
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 07:30 - 04/12/2011 To: 10:59 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	07:30	0	59	45	0	0	1	0	1	0	0	0	0	0	0	106
Tue	07:45	0	88	45	0	0	0	0	0	1	0	0	0	0	2	136
	08:00	1	26	27	0	2	0	0	0	0	0	0	0	2	0	58
	08:15	0	29	29	0	1	0	0	0	4	0	0	0	0	0	63
	08:30	0	24	25	0	0	0	0	0	1	0	0	0	0	0	50
	08:45	1	36	23	0	1	1	0	0	3	0	0	0	3	0	68
	09:00	1	24	17	0	0	1	1	1	2	0	0	1	2	0	50
	09:15	0	12	12	0	0	0	0	1	4	0	0	0	0	0	29
	09:30	0	22	19	0	0	0	0	0	1	0	0	0	0	0	42
	09:45	0	20	19	0	0	0	0	0	3	0	0	0	1	1	44
	10:00	0	14	20	0	2	0	0	0	0	0	0	0	2	0	38
	10:15	0	21	23	0	3	0	0	1	1	0	0	0	0	0	49
	10:30	0	12	21	1	0	0	0	1	1	0	0	0	1	0	37
	10:45	0	19	23	0	1	0	0	0	0	2	0	0	0	1	46
	11:00	0	26	26	0	0	0	0	1	2	0	0	0	0	0	55
	11:15	0	25	23	0	2	0	0	0	3	0	0	0	0	0	53
	11:30	0	34	12	0	1	2	0	1	2	1	0	0	2	0	55
	11:45	0	23	21	0	0	2	0	0	1	0	0	0	1	0	48
	12:00	0	29	18	0	1	1	0	0	1	1	0	0	0	0	51
	12:15	0	21	21	0	0	0	0	1	1	0	0	0	0	0	44
	12:30	0	23	17	0	0	0	0	0	0	0	0	0	3	0	43
	12:45	0	20	14	0	0	0	0	0	1	0	0	0	0	0	35
	13:00	0	20	28	1	0	0	0	0	2	0	0	0	0	0	51
	13:15	0	22	11	0	0	0	0	0	1	0	0	0	0	1	35
	13:30	0	20	16	0	1	2	0	0	2	0	0	0	0	0	41
	13:45	0	17	22	0	0	0	0	0	1	0	0	0	1	1	42
	14:00	0	32	25	0	0	1	0	0	0	2	0	0	1	0	61
	14:15	1	37	20	0	1	1	0	0	1	0	0	0	0	0	61
	14:30	0	21	26	0	0	0	0	0	2	0	0	0	1	0	50
	14:45	0	17	15	1	0	1	0	0	2	1	0	0	0	1	38
	15:00	0	19	18	2	0	0	0	1	2	0	0	0	0	0	42
	15:15	0	25	31	0	0	0	0	0	2	0	0	0	0	0	58
	15:30	0	42	32	0	1	0	0	0	2	1	0	0	0	1	79
	15:45	0	36	23	0	1	0	0	0	1	0	0	0	0	0	61

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	16:00	0	36	35	0	0	0	0	0	2	0	0	0	0	0	73
Tue	16:15	0	45	21	0	0	0	0	0	5	1	0	1	0	1	74
	16:30	0	37	34	0	0	0	0	0	1	0	0	0	1	0	73
	16:45	0	47	34	0	1	0	0	1	3	0	0	0	0	0	86
	17:00	0	55	52	0	0	0	0	2	3	0	0	0	1	1	114
	17:15	0	66	36	0	0	0	0	0	2	0	0	0	0	1	105
	17:30	1	36	39	0	2	0	0	2	0	0	0	0	0	1	81
	17:45	0	38	36	0	1	0	0	0	0	0	0	0	0	0	75
	18:00	0	30	21	0	0	1	0	0	0	0	0	0	0	0	52
	18:15	0	19	15	0	0	0	0	0	1	0	0	0	0	0	35
	18:30	0	22	22	0	0	0	0	0	0	0	0	0	1	0	45
	18:45	0	13	9	0	0	0	0	0	0	0	0	0	0	1	23
	19:00	0	12	10	0	0	0	0	0	1	0	0	0	1	0	24
	19:15	0	7	12	0	1	0	0	0	0	0	0	0	0	0	20
	19:30	0	11	8	0	0	0	0	0	0	0	0	0	0	0	19
	19:45	0	12	8	0	1	0	0	0	0	0	0	0	0	0	21
	20:00	0	9	7	0	0	0	0	0	1	0	0	0	1	0	18
	20:15	0	14	7	0	0	0	0	2	1	0	0	0	0	0	24
	20:30	0	12	6	0	0	0	0	0	2	0	0	1	0	0	21
	20:45	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	21:00	0	9	3	0	0	0	0	0	1	0	0	0	0	0	13
	21:15	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	21:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	23:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		5	1472	1195	5	24	14	1	16	73	9	0	3	25	13	2855
	Percent :	0%	52%	42%	0%	1%	0%	0%	1%	3%	0%	0%	0%	1%	0%	
	Average :	0	22	18	0	0	0	0	0	1	0	0	0	0	0	41

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	05:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:15	0	3	2	0	0	0	0	0	0	0	0	0	1	0	6
	05:30	0	4	4	0	0	0	0	0	0	0	0	0	1	0	9
	05:45	1	14	7	1	0	0	0	0	0	0	0	0	0	0	23
	06:00	0	9	7	0	0	0	1	0	1	0	0	0	0	0	18
	06:15	0	13	9	0	0	0	0	0	0	0	0	0	0	1	23
	06:30	0	18	19	0	1	1	0	2	0	0	0	0	0	0	41
	06:45	0	41	23	0	0	0	0	1	2	0	0	0	0	1	68
	07:00	2	29	36	0	0	0	0	0	0	0	0	0	0	1	68
	07:15	0	45	26	0	0	0	0	0	0	0	0	0	0	0	71
	07:30	1	66	49	1	1	0	0	0	1	0	0	0	1	0	120
	07:45	0	68	43	1	1	0	0	2	1	0	0	0	0	0	116
	08:00	0	38	22	0	1	0	0	0	3	0	0	0	1	0	65
	08:15	0	28	32	0	3	0	0	0	0	0	0	0	0	0	63
	08:30	1	39	23	0	2	0	0	0	2	1	0	0	1	1	70
	08:45	0	24	29	0	0	0	0	0	1	0	0	0	0	0	54
	09:00	1	27	19	0	1	0	0	0	2	0	0	0	0	0	50
	09:15	1	20	16	0	0	1	0	0	2	0	0	0	0	0	40
	09:30	0	18	19	0	0	0	0	0	2	0	0	0	0	0	39
	09:45	0	21	19	0	0	0	0	1	0	0	0	0	1	1	43
	10:00	0	15	19	0	0	0	0	0	2	3	0	0	0	0	39
	10:15	0	30	21	0	0	0	0	1	1	0	0	0	2	0	55
	10:30	0	23	34	1	0	0	0	0	5	0	0	0	1	0	64
	10:45	0	25	16	0	0	0	0	0	2	0	0	0	0	0	43
	11:00	0	20	26	0	0	0	0	0	2	0	0	0	0	0	48
	11:15	0	19	33	0	0	0	0	0	0	0	0	0	1	0	53
	11:30	0	20	26	0	1	0	0	0	3	2	0	0	0	1	53
	11:45	0	28	23	0	1	1	0	0	4	0	0	0	0	0	57
	12:00	0	27	16	1	0	0	0	0	1	1	0	0	1	0	47
	12:15	0	20	22	0	2	1	0	0	3	1	0	0	0	0	49

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	27	27	1	1	0	0	0	0	0	0	0	0	0	56
Wed	12:45	0	24	16	0	0	0	0	0	3	1	0	0	1	0	45
	13:00	0	23	25	0	1	1	0	0	0	1	0	0	0	0	51
	13:15	0	26	15	0	0	0	0	0	0	1	0	0	2	0	44
	13:30	0	22	17	0	0	0	0	0	0	0	0	0	1	0	40
	13:45	1	33	32	0	1	0	0	1	0	0	0	0	1	0	69
	14:00	0	29	23	0	0	1	0	1	3	0	0	0	0	0	57
	14:15	0	32	14	0	1	0	0	1	1	1	0	0	3	0	53
	14:30	0	40	22	1	0	1	0	0	1	0	0	0	0	0	65
	14:45	0	24	14	1	1	0	0	0	2	0	0	0	1	0	43
	15:00	0	35	22	0	1	0	0	0	1	1	0	0	0	1	61
	15:15	0	29	23	0	1	0	0	0	2	1	0	0	0	0	56
	15:30	0	36	26	0	0	0	0	2	3	0	0	0	0	0	67
	15:45	0	40	37	0	1	1	0	0	1	0	0	0	0	1	81
	16:00	0	49	26	0	0	1	0	0	1	0	0	0	0	1	78
	16:15	0	44	31	2	0	0	0	0	0	0	0	0	0	0	77
	16:30	0	47	33	1	0	0	0	0	3	1	0	0	0	0	85
	16:45	1	49	39	0	1	0	0	0	0	1	1	0	1	0	93
	17:00	0	66	54	0	0	0	0	3	1	1	0	0	0	0	125
	17:15	0	48	38	0	1	0	0	0	4	0	0	0	0	0	91
	17:30	0	41	26	0	0	1	0	0	1	0	0	0	0	0	69
	17:45	0	43	23	0	2	0	0	1	0	0	0	0	0	0	69
	18:00	0	32	15	0	2	0	0	0	0	1	0	0	0	0	50
	18:15	0	23	21	0	0	0	0	0	1	1	0	0	1	0	47
	18:30	0	18	14	0	0	1	0	0	0	0	0	0	0	1	34
	18:45	0	19	14	0	0	0	0	0	1	0	0	0	1	1	36
	19:00	0	17	14	1	1	0	0	0	0	0	0	0	0	0	33
	19:15	0	12	10	0	0	0	0	0	0	0	0	0	1	0	23
	19:30	0	15	5	0	0	0	0	0	2	0	0	0	0	0	22
	19:45	0	7	9	0	0	0	0	0	0	0	0	0	0	0	16
	20:00	0	6	2	0	0	0	0	0	0	0	0	0	1	0	9
	20:15	0	5	7	0	0	0	0	1	1	0	0	0	1	0	15
	20:30	0	2	10	0	0	0	0	0	0	0	0	0	0	0	12
	20:45	0	8	7	0	0	0	0	0	1	0	0	0	0	0	16
	21:00	0	3	7	0	0	0	0	0	0	0	0	0	0	0	10
	21:15	0	5	2	0	1	0	0	0	0	0	0	0	1	0	9
	21:30	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	21:45	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	22:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	22:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	22:30	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	22:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:00	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	23:45	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2
Daily Total :		9	1759	1382	12	30	11	1	18	77	19	1	0	28	12	3359
Percent :		0%	52%	41%	0%	1%	0%	0%	1%	2%	1%	0%	0%	1%	0%	
Average :		0	18	14	0	0	0	0	0	1	0	0	0	0	0	33

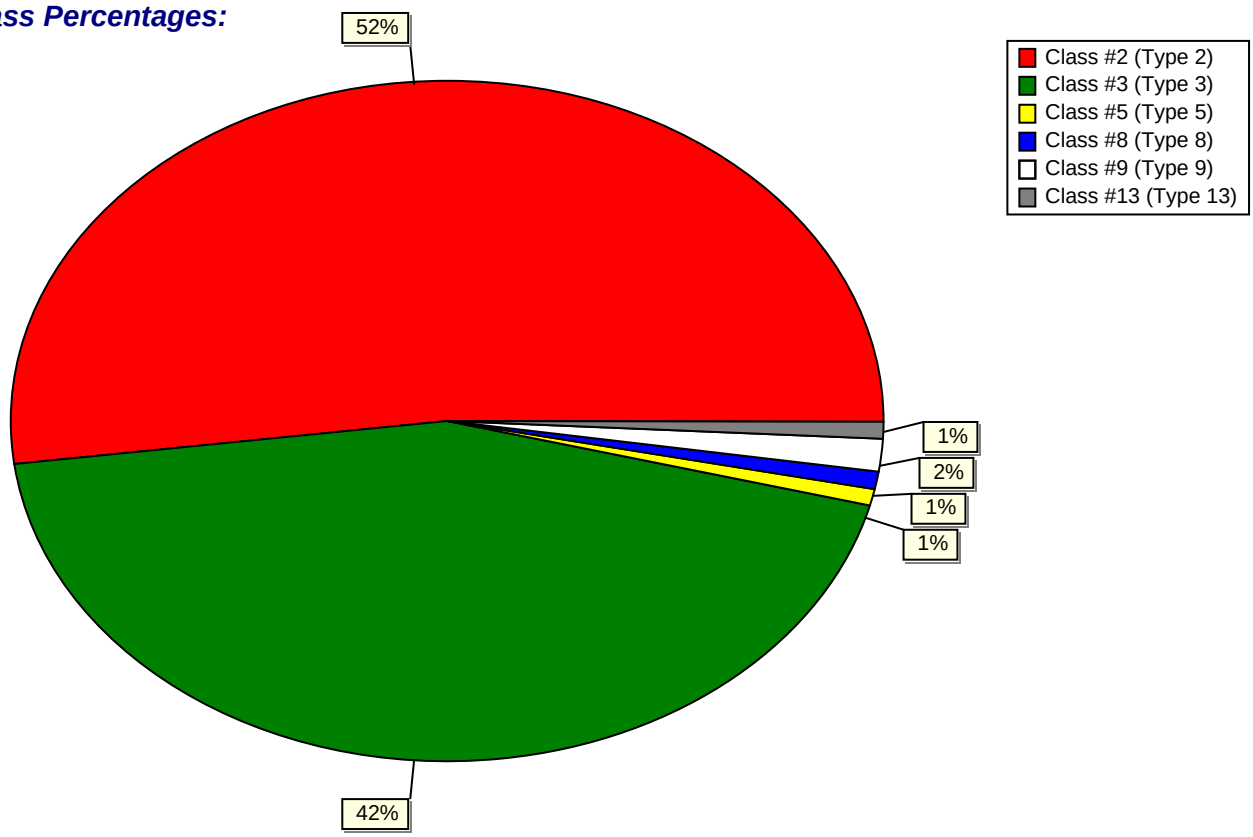
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	05:15	0	4	5	0	0	0	0	0	0	0	0	0	0	0	9
	05:30	0	2	2	0	0	0	0	0	1	0	0	0	0	0	5
	05:45	0	6	3	0	0	0	0	0	2	0	0	0	0	0	11
	06:00	0	7	7	0	0	0	0	0	2	0	0	0	0	0	16
	06:15	0	8	7	0	1	0	0	0	0	0	0	0	0	0	16
	06:30	0	19	26	0	0	0	0	0	1	0	0	0	1	0	47
	06:45	0	44	21	0	0	0	0	1	1	0	0	0	0	0	67
	07:00	0	34	12	0	1	0	0	0	0	0	0	0	0	0	47
	07:15	0	31	18	0	0	0	0	0	0	0	0	0	0	0	49
	07:30	0	68	34	0	0	0	0	2	2	0	0	0	2	0	108
	07:45	0	74	52	0	0	0	0	1	1	2	0	0	2	3	135
	08:00	0	37	37	0	0	0	0	0	1	1	0	0	1	1	78
	08:15	1	24	28	0	1	0	0	0	1	0	0	0	0	0	55
	08:30	0	30	20	1	1	0	0	0	3	0	0	0	1	0	56
	08:45	0	34	19	0	2	0	0	0	2	0	0	0	3	0	60
	09:00	0	12	15	0	1	0	0	0	2	0	0	0	0	0	30
	09:15	0	13	21	0	0	0	0	0	0	0	0	0	0	0	34
	09:30	0	17	29	0	1	1	0	0	1	0	0	0	0	0	49
	09:45	0	18	20	0	0	0	0	0	2	0	0	0	1	0	41
	10:00	0	13	12	0	0	0	0	0	1	0	0	0	0	0	26
	10:15	0	21	13	0	1	0	0	0	1	0	0	0	0	0	36
	10:30	0	8	19	0	1	0	0	2	0	0	0	0	0	0	30
Daily Total :		1	533	426	1	10	1	0	6	25	3	0	0	12	4	1022
Percent :		0%	52%	42%	0%	1%	0%	0%	1%	2%	0%	0%	0%	1%	0%	
Average :		0	12	10	0	0	0	0	0	1	0	0	0	0	0	23

Basic Axle Class Summary: 4P0031456

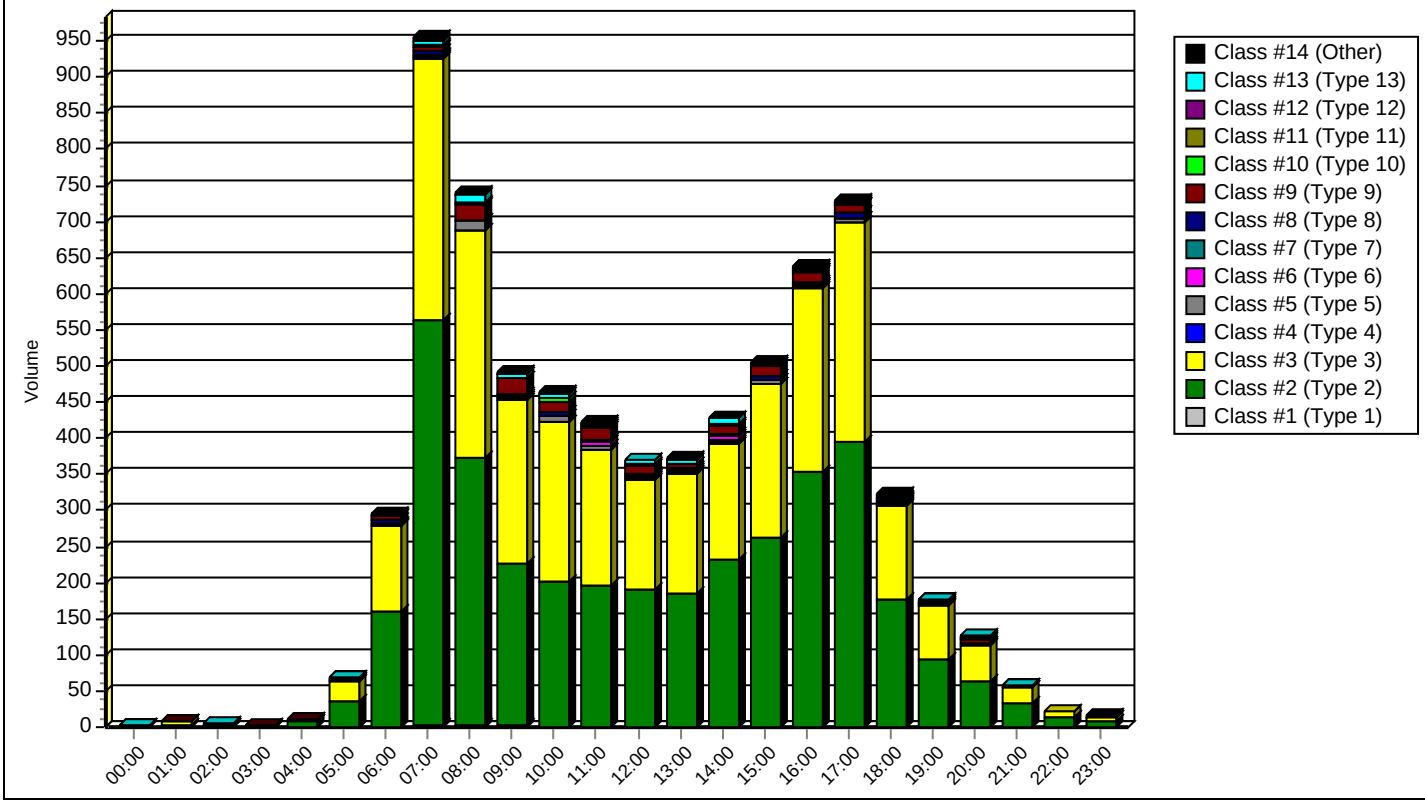
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	15	3764	3003	18	64	26	2	40	175	31	1	3	65	29	7236
		15	3764	3003	18	64	26	2	40	175	31	1	3	65	29	7236
Percents :	#1.	0%	52%	42%	0%	1%	0%	0%	1%	2%	0%	0%	0%	1%	0%	100%
		0%	52%	42%	0%	1%	0%	0%	1%	2%	0%	0%	0%	1%	0%	
Average :	#1.	0	18	15	0	0	0	0	0	1	0	0	0	0	0	34
		0	18	15	0	0	0	0	0	1	0	0	0	0	0	34
Days & ADT :	#1.	2.1	3388													
		2.1	3388													

4P0031456 Axle Class Charts For Data From: 07:30 - 04/12/2011 To: 10:59 - 04/14/2011

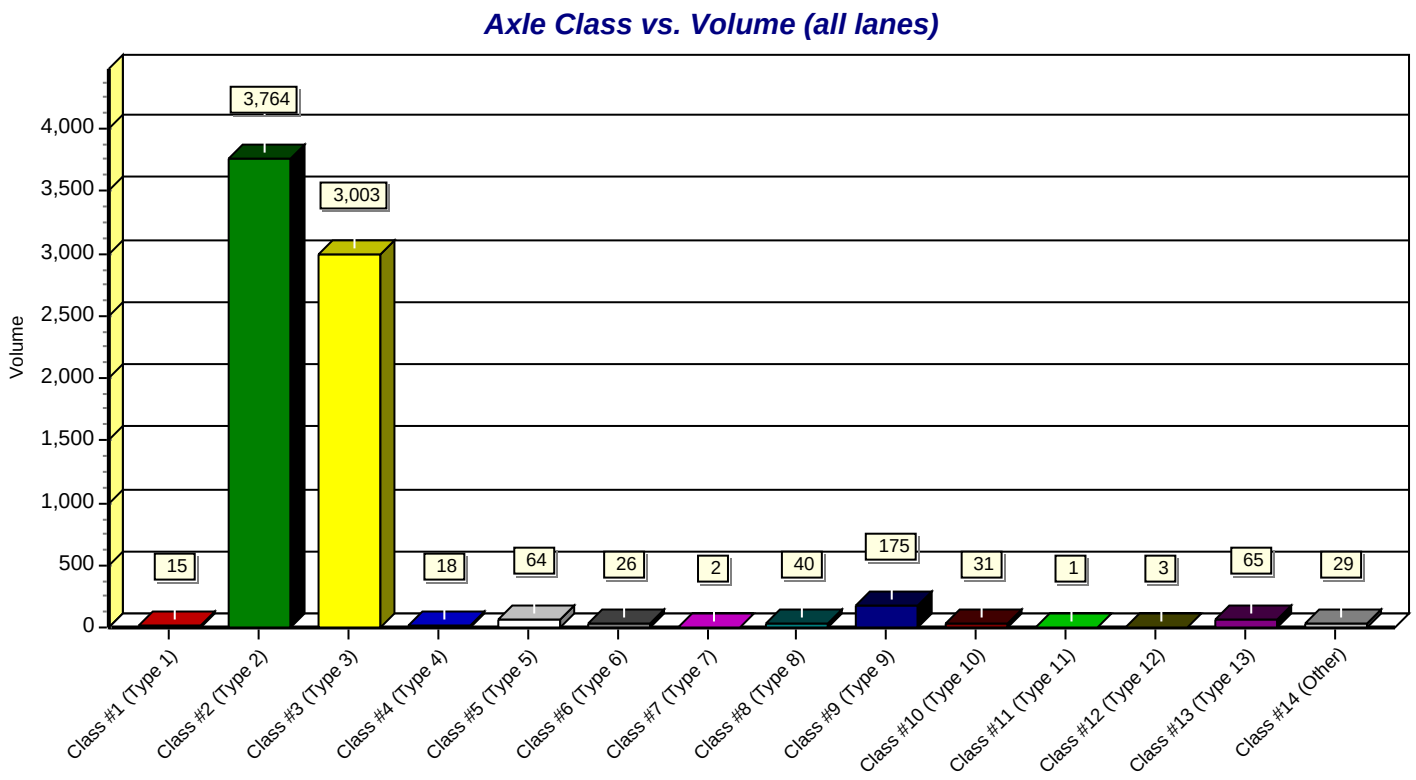
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0031456 Axle Class Charts For Data From: 07:30 - 04/12/2011 To: 10:59 - 04/14/2011



Basic Speed Classification Report: 4P0031456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 07:30 - 04/12/2011 To: 10:59 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	07:30	0	0	0	0	0	0	0	1	3	15	55	30	2	0	0	0	106
Tue	07:45	0	0	0	0	0	0	0	0	0	3	42	64	26	1	0	0	136
	08:00	0	0	0	0	0	0	0	0	0	0	27	25	4	1	1	0	58
	08:15	0	0	0	0	0	0	0	0	0	1	27	32	3	0	0	0	63
	08:30	0	0	0	0	0	0	0	0	0	4	22	20	3	1	0	0	50
	08:45	0	0	0	0	0	0	0	0	0	0	32	28	6	2	0	0	68
	09:00	0	0	0	0	0	0	0	1	0	5	24	18	1	1	0	0	50
	09:15	0	0	0	0	0	0	0	0	0	1	9	16	3	0	0	0	29
	09:30	0	0	0	0	0	0	0	0	0	0	14	21	6	1	0	0	42
	09:45	0	0	0	0	0	0	0	0	0	3	16	17	6	1	1	0	44
	10:00	0	0	0	0	0	0	0	0	0	1	17	17	2	1	0	0	38
	10:15	0	0	0	0	0	0	0	0	0	1	21	21	4	2	0	0	49
	10:30	0	0	0	0	0	0	0	0	0	1	16	15	2	3	0	0	37
	10:45	0	0	0	0	0	0	0	0	0	0	27	17	2	0	0	0	46
	11:00	0	0	0	0	0	0	0	0	0	3	29	18	3	1	1	0	55
	11:15	0	0	0	0	0	0	0	0	0	1	29	18	5	0	0	0	53
	11:30	0	0	0	0	0	0	0	0	0	4	24	23	4	0	0	0	55
	11:45	0	0	0	0	0	0	0	0	0	1	19	20	6	2	0	0	48
	12:00	0	0	0	0	0	0	0	0	0	4	19	24	4	0	0	0	51
	12:15	0	0	0	0	0	0	0	0	0	7	24	13	0	0	0	0	44
	12:30	0	0	0	0	0	0	0	0	1	1	28	10	1	1	1	0	43
	12:45	0	0	0	0	0	0	0	0	0	3	8	13	6	5	0	0	35
	13:00	0	0	0	0	0	0	0	0	0	1	17	26	6	1	0	0	51
	13:15	0	0	0	0	0	0	0	0	0	0	14	18	3	0	0	0	35
	13:30	0	0	0	0	0	0	0	0	0	3	20	16	1	1	0	0	41
	13:45	0	0	0	0	0	0	0	0	0	1	24	13	4	0	0	0	42
	14:00	0	0	0	0	0	0	0	0	0	0	31	26	3	1	0	0	61
	14:15	0	0	0	0	0	0	0	0	0	3	32	20	5	1	0	0	61
	14:30	0	0	0	0	0	0	0	0	0	6	28	11	4	0	1	0	50
	14:45	1	0	0	0	0	0	0	0	0	2	18	15	2	0	0	0	38
	15:00	0	0	0	0	0	0	0	0	1	5	29	6	1	0	0	0	42
	15:15	0	0	0	0	0	0	0	0	0	0	28	23	6	0	1	0	58
	15:30	0	0	0	0	0	0	0	0	0	1	30	40	7	1	0	0	79
	15:45	0	0	0	0	0	0	0	0	0	3	20	29	7	2	0	0	61
	16:00	0	0	0	0	0	0	0	0	0	0	24	46	2	1	0	0	73
	16:15	0	0	0	0	0	0	0	0	1	17	41	15	0	0	0	0	74
	16:30	0	0	0	0	0	0	0	0	1	10	40	21	1	0	0	0	73
	16:45	0	0	0	0	0	0	0	0	0	9	54	22	1	0	0	0	86
	17:00	0	0	0	0	0	0	0	0	0	5	48	55	6	0	0	0	114
	17:15	0	0	0	0	0	0	0	0	0	1	36	57	9	1	1	0	105

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	17:30	0	0	0	0	0	0	0	0	1	6	14	43	15	2	0	0	81
Tue	17:45	0	0	0	0	0	0	0	0	0	0	19	49	7	0	0	0	75
	18:00	0	0	0	0	0	0	0	0	0	0	13	31	7	1	0	0	52
	18:15	0	0	0	0	0	0	0	0	0	1	19	10	4	1	0	0	35
	18:30	0	0	0	0	0	0	0	0	0	4	22	13	6	0	0	0	45
	18:45	1	0	0	0	0	0	0	0	1	5	13	3	0	0	0	0	23
	19:00	0	0	0	0	0	0	0	0	0	0	9	13	0	1	1	0	24
	19:15	0	0	0	0	0	0	0	0	0	0	6	11	2	0	1	0	20
	19:30	0	0	0	0	0	0	0	0	0	1	13	4	1	0	0	0	19
	19:45	0	0	0	0	0	0	0	0	0	0	8	12	1	0	0	0	21
	20:00	0	0	0	0	0	0	0	0	0	1	1	14	2	0	0	0	18
	20:15	0	0	0	0	0	0	0	0	0	2	10	11	1	0	0	0	24
	20:30	0	0	0	0	0	0	0	0	0	2	10	8	1	0	0	0	21
	20:45	0	0	0	0	0	0	0	0	0	2	5	2	1	1	0	0	11
	21:00	0	0	0	0	0	0	0	0	1	1	5	5	0	1	0	0	13
	21:15	0	0	0	0	0	0	0	0	0	0	5	3	2	0	0	0	10
	21:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	21:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	22:00	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	5
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	22:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	4
	23:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Daily Total :		2	0	0	0	0	0	0	2	10	153	1245	1177	218	39	9	0	2855
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	44%	41%	8%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	2	19	18	3	1	0	0	34

Speeds - Average: 70.3 50% : 70.2 67% : 72.2 85% : 74.3 10mph Pace: 65.0 - 74.9 (84.8%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	05:15	0	0	0	0	0	0	0	0	0	1	1	2	2	0	0	0	6
	05:30	1	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	9
	05:45	0	0	0	0	0	0	0	0	0	1	11	9	2	0	0	0	23
	06:00	0	0	0	0	0	0	0	0	0	1	5	8	1	3	0	0	18
	06:15	0	0	0	0	0	0	0	0	0	0	4	16	3	0	0	0	23
	06:30	0	0	0	0	0	0	0	0	0	0	7	23	9	1	1	0	41
	06:45	0	0	0	0	0	0	0	0	0	0	5	39	16	6	2	0	68
	07:00	1	0	0	0	0	0	0	0	0	0	12	38	13	3	1	0	68
	07:15	0	0	0	0	0	0	0	0	0	0	13	41	14	2	1	0	71
	07:30	0	0	0	0	0	0	0	0	0	1	18	76	20	4	1	0	120
	07:45	0	0	0	0	0	0	0	0	0	0	24	64	24	3	1	0	116
	08:00	0	0	0	0	0	0	0	0	0	0	19	33	10	3	0	0	65
	08:15	0	0	0	0	0	0	0	0	0	1	14	31	17	0	0	0	63
	08:30	0	0	0	0	0	0	0	0	0	0	28	34	6	2	0	0	70
	08:45	0	0	0	0	0	0	0	0	0	1	19	26	6	1	1	0	54
	09:00	0	0	0	0	0	0	0	0	0	2	21	23	3	1	0	0	50
	09:15	0	0	0	0	0	0	0	0	0	2	22	13	3	0	0	0	40
	09:30	0	0	0	0	0	0	0	0	0	0	16	20	3	0	0	0	39
	09:45	0	0	0	0	0	0	0	0	0	2	20	15	5	1	0	0	43
	10:00	0	0	0	0	0	0	0	0	0	0	13	20	5	1	0	0	39
	10:15	0	0	0	0	0	0	0	0	0	0	19	29	7	0	0	0	55
	10:30	0	0	0	0	0	0	0	0	0	2	19	36	6	1	0	0	64
	10:45	0	0	0	0	0	0	0	0	0	2	15	21	3	2	0	0	43
	11:00	0	0	0	0	0	0	0	0	0	0	17	22	7	1	1	0	48
	11:15	0	0	0	0	0	0	0	0	0	1	13	31	5	2	1	0	53
	11:30	0	1	0	0	0	0	0	0	0	4	22	19	6	0	1	0	53
	11:45	0	0	0	0	0	0	0	0	0	0	27	27	3	0	0	0	57
	12:00	0	0	0	0	0	0	0	0	0	1	17	26	2	1	0	0	47
	12:15	0	0	0	0	0	0	0	0	0	0	19	20	7	3	0	0	49

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	7	25	23	1	0	0	0	56
Wed	12:45	0	0	0	0	0	0	0	0	0	1	19	16	7	2	0	0	45
	13:00	0	0	0	0	0	0	0	0	0	0	18	25	6	2	0	0	51
	13:15	0	0	0	0	0	0	0	0	0	0	17	18	7	2	0	0	44
	13:30	0	0	0	0	0	0	0	0	0	0	17	19	4	0	0	0	40
	13:45	0	0	0	0	0	0	0	0	0	3	42	20	4	0	0	0	69
	14:00	0	0	0	0	0	0	0	0	0	4	20	23	8	2	0	0	57
	14:15	0	0	0	0	0	0	0	0	0	0	19	27	6	1	0	0	53
	14:30	0	0	0	0	0	0	0	0	0	1	23	29	10	0	2	0	65
	14:45	0	0	0	0	0	0	0	0	0	1	21	15	5	1	0	0	43
	15:00	0	0	0	0	0	0	0	0	0	1	14	37	9	0	0	0	61
	15:15	0	0	0	0	0	0	0	0	0	0	15	26	12	3	0	0	56
	15:30	0	0	0	0	0	0	0	0	0	2	32	28	5	0	0	0	67
	15:45	0	0	0	0	0	0	0	0	0	0	23	48	7	2	1	0	81
	16:00	0	0	0	0	0	0	0	0	0	1	33	40	4	0	0	0	78
	16:15	0	0	0	0	0	0	0	0	0	0	21	42	11	2	1	0	77
	16:30	0	0	0	0	0	0	0	0	0	1	30	44	8	1	1	0	85
	16:45	0	0	0	0	0	0	0	0	0	0	32	52	7	2	0	0	93
	17:00	0	0	0	0	0	0	0	0	0	2	46	62	13	2	0	0	125
	17:15	0	0	0	0	0	0	0	0	0	0	29	46	15	1	0	0	91
	17:30	0	0	0	0	0	0	0	0	0	1	20	39	7	2	0	0	69
	17:45	0	0	0	0	0	0	0	0	0	1	25	35	8	0	0	0	69
	18:00	0	0	0	0	0	0	0	0	0	0	17	26	6	0	1	0	50
	18:15	0	1	0	0	0	0	0	0	0	0	16	27	3	0	0	0	47
	18:30	0	0	0	0	0	0	0	0	0	1	15	11	7	0	0	0	34
	18:45	0	0	0	0	0	0	0	0	0	3	15	15	2	0	1	0	36
	19:00	0	0	0	0	0	0	0	0	0	2	6	16	6	3	0	0	33
	19:15	0	0	0	0	0	0	0	0	1	0	8	8	5	1	0	0	23
	19:30	1	0	0	0	0	0	0	0	0	0	12	7	2	0	0	0	22
	19:45	0	0	0	0	0	0	0	0	0	0	11	3	1	1	0	0	16
	20:00	0	0	0	0	0	0	0	0	0	1	4	2	2	0	0	0	9
	20:15	0	0	0	0	0	0	0	0	1	0	7	5	2	0	0	0	15
	20:30	0	0	0	0	0	0	0	0	0	1	5	5	1	0	0	0	12
	20:45	0	0	0	0	0	0	0	0	0	2	5	7	1	1	0	0	16
	21:00	0	0	0	0	0	0	0	0	0	1	2	6	1	0	0	0	10
	21:15	0	0	0	0	0	0	0	0	0	0	3	4	1	1	0	0	9
	21:30	0	0	0	0	0	0	0	0	0	0	3	4	1	0	0	0	8
	21:45	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	5
	22:00	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	22:15	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	22:30	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	6
	22:45	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
	23:00	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	4
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	2	0	0	0	0	0	0	2	63	1133	1646	416	74	19	0	3359
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	34%	49%	12%	2%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	1	12	17	4	1	0	0	43

Speeds - Average: 71.6 50% : 71.5 67% : 73.3 85% : 75.1 10mph Pace: 65.0 - 74.9 (82.7%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
	05:15	0	0	0	0	0	0	0	0	0	0	3	2	4	0	0	0	9
	05:30	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
	05:45	0	0	0	0	0	0	0	0	1	1	5	3	1	0	0	0	11
	06:00	0	0	0	0	0	0	0	0	0	1	7	5	2	0	1	0	16
	06:15	0	0	0	0	0	0	0	0	0	3	6	6	1	0	0	0	16
	06:30	0	0	0	0	0	0	0	0	0	1	14	26	5	0	1	0	47
	06:45	0	0	0	0	0	0	0	0	0	0	20	43	4	0	0	0	67
	07:00	0	0	0	0	0	0	0	0	0	0	13	27	6	1	0	0	47
	07:15	0	0	0	0	0	0	0	0	0	2	20	21	5	0	1	0	49
	07:30	0	0	0	0	0	0	0	1	0	3	35	62	7	0	0	0	108
	07:45	0	0	0	0	0	0	0	0	1	10	37	75	12	0	0	0	135
	08:00	0	0	0	0	0	0	0	0	0	4	32	40	2	0	0	0	78
	08:15	0	0	0	0	0	0	0	0	0	3	29	17	5	1	0	0	55
	08:30	0	0	0	0	0	0	0	0	0	0	17	30	9	0	0	0	56
	08:45	0	0	0	0	0	0	0	0	0	0	30	26	2	2	0	0	60
	09:00	0	0	0	0	0	0	0	0	0	2	7	17	2	2	0	0	30
	09:15	0	0	0	0	0	0	0	0	0	0	12	19	3	0	0	0	34
	09:30	0	0	0	0	0	0	0	0	0	4	24	15	6	0	0	0	49
	09:45	0	0	0	0	0	0	0	0	0	7	15	17	1	0	1	0	41
	10:00	0	0	0	0	0	0	0	0	1	1	13	8	3	0	0	0	26
	10:15	0	0	0	0	0	0	0	0	0	2	14	15	5	0	0	0	36
	10:30	1	1	0	0	0	0	0	0	0	2	9	12	4	1	0	0	30
Daily Total :		2	1	0	0	0	0	0	2	3	46	369	496	91	7	5	0	1022
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	36%	49%	9%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	9	12	2	0	0	0	35

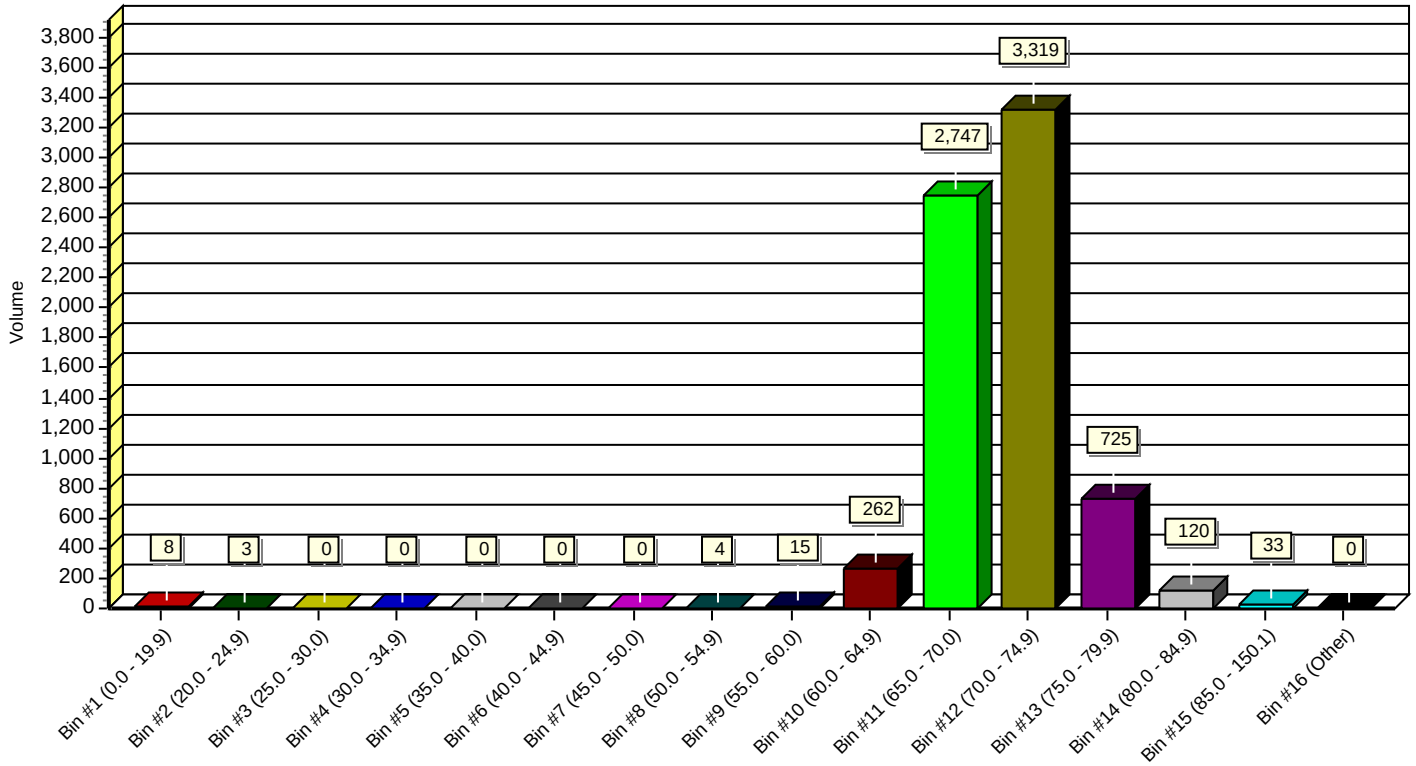
Speeds - Average: 70.7 50% : 71.0 67% : 72.7 85% : 74.5 10mph Pace: 65.0 - 74.9 (84.6%)

Basic Speed Class Summary: 4P0031456

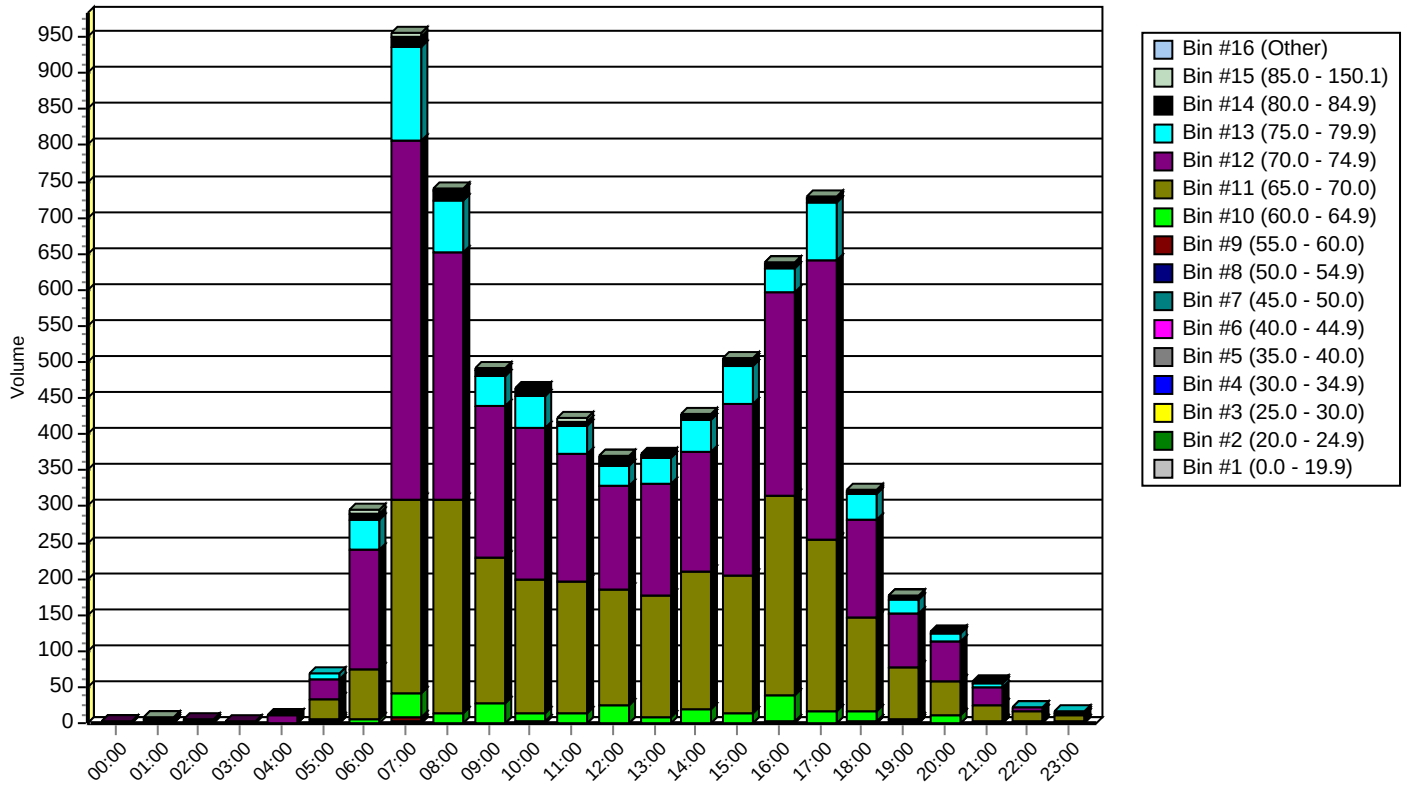
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	8	3	0	0	0	0	0	4	15	262	2747	3319	725	120	33	0	7236
		8	3	0	0	0	0	0	4	15	262	2747	3319	725	120	33	0	7236
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	38%	46%	10%	2%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	38%	46%	10%	2%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	1	13	16	4	1	0	0	35
		0	0	0	0	0	0	0	0	0	1	13	16	4	1	0	0	35
Days & ADT :	#1.	2.1	3388															
		2.1	3388															
Avg,50,67,85%:	#1.	71.0	71.0	72.8	74.8	65.0	- 74.9	84%										
		71.0	71.0	72.8	74.8	65.0	- 74.9	84%										

4P0031456 Speed Class Charts For Data From: 07:30 - 04/12/2011 To: 10:59 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0000556

Station ID : 2D0000556
Info Line 1 : 90994500
Info Line 2 : I-90 27TH INTC
GPS Lat/Lon :
DB File : 2D0000556.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 93940
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DR LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 08:15 - 04/11/2011 To: 10:44 - 04/13/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	08:15	0	19	27	0	1	0	0	1	9	2	0	0	0	1	60
Mon	08:30	0	40	34	1	2	1	1	1	10	4	0	0	5	2	101
	08:45	0	19	49	1	4	2	0	1	11	2	0	0	2	0	91
	09:00	0	24	45	2	4	1	0	0	14	1	0	0	2	0	93
	09:15	0	24	34	3	4	2	0	0	10	0	0	0	1	1	79
	09:30	0	25	32	1	2	1	0	1	9	0	0	0	2	0	73
	09:45	1	27	38	0	1	1	0	0	19	1	0	0	5	0	93
	10:00	0	26	44	1	2	2	1	0	22	2	0	0	2	2	104
	10:15	0	31	41	0	4	2	0	1	11	0	0	0	0	2	92
	10:30	0	24	36	1	2	4	0	0	13	4	0	0	1	0	85
	10:45	0	30	42	1	0	2	0	1	12	2	0	0	2	0	92
	11:00	0	37	31	0	0	1	0	1	9	0	0	0	3	0	82
	11:15	0	25	35	2	3	3	1	2	13	2	0	1	3	3	93
	11:30	1	34	27	1	0	2	0	1	12	4	0	0	1	0	83
	11:45	1	28	40	1	0	3	0	2	11	9	0	0	3	0	98
	12:00	0	40	33	0	1	1	0	3	15	3	0	0	3	1	100
	12:15	0	29	44	0	3	2	0	0	9	1	0	0	1	1	90
	12:30	0	40	50	0	1	3	0	0	11	2	0	0	3	1	111
	12:45	0	39	59	0	0	2	0	0	18	1	0	0	2	0	121
	13:00	0	31	39	1	0	3	0	1	15	0	0	0	2	1	93
	13:15	0	35	53	2	3	2	0	1	16	3	0	1	3	1	120
	13:30	0	40	39	3	1	3	0	1	14	0	0	0	2	1	104
	13:45	0	45	47	3	0	1	0	1	15	4	0	0	0	2	118
	14:00	0	50	39	2	1	0	0	0	14	5	0	1	0	1	113
	14:15	0	53	56	3	1	0	0	1	12	1	0	1	3	0	131
	14:30	1	50	48	3	1	2	0	0	21	4	0	0	2	0	132
	14:45	0	40	44	1	3	2	0	1	15	0	0	0	0	1	107
	15:00	0	54	53	1	2	5	1	1	12	3	0	0	2	1	135
	15:15	0	54	49	1	2	2	0	1	11	6	0	1	5	1	133
	15:30	0	64	41	0	1	1	0	2	14	2	0	0	2	0	127
	15:45	0	66	48	1	1	2	0	1	13	5	0	0	3	1	141
	16:00	0	65	57	0	2	1	0	0	16	0	0	0	0	1	142
	16:15	0	77	64	0	5	2	0	2	12	6	0	0	3	0	171
	16:30	0	76	62	0	1	2	0	1	18	0	0	0	2	0	162

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	16:45	0	78	75	1	1	2	0	1	10	2	0	0	1	0	171
Mon	17:00	0	103	70	1	0	1	0	0	10	1	0	0	1	0	187
	17:15	1	86	73	0	1	0	0	2	13	1	0	0	0	0	177
	17:30	0	63	65	1	0	2	0	0	16	1	0	0	0	0	148
	17:45	0	93	61	0	2	0	0	0	10	1	0	0	2	0	169
	18:00	0	77	63	0	1	1	0	0	8	0	0	0	1	1	152
	18:15	0	68	46	0	0	0	0	0	18	0	0	0	0	0	132
	18:30	2	48	27	1	0	0	0	1	15	3	0	0	5	0	102
	18:45	0	62	37	1	1	0	0	0	10	0	0	0	3	0	114
	19:00	0	60	41	0	0	0	0	1	7	0	0	0	2	0	111
	19:15	0	49	35	0	1	0	0	0	14	3	0	0	4	0	106
	19:30	0	44	41	1	0	1	0	0	5	2	0	0	0	0	94
	19:45	0	41	37	1	0	1	0	0	14	1	0	0	0	0	95
	20:00	0	40	30	1	0	0	0	0	15	3	0	0	0	1	90
	20:15	0	57	32	0	0	0	0	0	12	0	0	0	3	0	104
	20:30	0	37	25	1	0	0	0	0	10	0	0	0	1	0	74
	20:45	0	30	37	0	1	0	0	0	4	0	0	0	0	0	72
	21:00	0	31	25	0	0	1	0	0	13	0	0	0	2	0	72
	21:15	0	38	22	0	2	0	0	0	6	0	0	1	0	0	69
	21:30	0	33	13	0	0	0	0	0	9	1	0	0	1	0	57
	21:45	0	20	18	1	0	0	0	0	5	0	0	0	2	0	46
	22:00	0	16	15	0	0	0	0	0	6	2	0	0	0	0	39
	22:15	0	17	10	0	1	0	0	0	8	0	0	0	1	0	37
	22:30	0	15	12	0	0	0	0	0	7	0	0	1	1	0	36
	22:45	0	15	12	0	0	0	0	0	2	0	1	0	3	0	33
	23:00	0	15	5	1	0	1	0	0	3	0	0	0	1	0	26
	23:15	0	11	3	0	0	0	0	0	3	0	0	0	0	0	17
	23:30	0	10	7	0	1	0	0	0	4	0	0	0	0	0	22
	23:45	0	11	5	0	0	1	0	0	7	0	0	1	1	0	26
Daily Total :		7	2629	2422	47	70	74	4	34	720	100	1	8	105	27	6248
Percent :		0%	42%	39%	1%	1%	1%	0%	1%	12%	2%	0%	0%	2%	0%	
Average :		0	42	38	1	1	1	0	1	11	2	0	0	2	0	99

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	14	3	0	0	0	0	0	3	3	0	0	2	0	25
Tue	00:15	0	6	6	0	0	0	0	0	4	0	0	0	0	0	16
	00:30	0	7	5	0	0	0	0	0	5	0	0	1	1	0	19
	00:45	0	5	1	0	0	0	0	0	2	0	1	0	0	0	9
	01:00	0	3	2	0	0	0	0	0	4	1	0	1	0	0	11
	01:15	0	1	2	0	0	0	0	0	4	0	0	0	0	0	7
	01:30	0	3	2	0	0	0	0	0	3	0	0	0	0	0	8
	01:45	0	5	2	0	0	1	0	0	2	0	0	0	1	0	11
	02:00	0	5	1	0	0	0	0	0	1	0	0	0	0	0	7
	02:15	0	5	2	0	0	0	0	0	3	1	0	0	1	0	12
	02:30	0	3	0	0	0	0	0	1	5	0	0	0	0	0	9
	02:45	0	3	5	0	1	0	0	0	1	0	0	0	0	0	10
	03:00	0	3	0	0	0	1	0	0	6	1	0	2	1	1	15
	03:15	0	5	2	0	0	0	0	0	3	0	0	0	1	0	11
	03:30	0	6	3	0	0	0	0	1	5	0	0	1	0	0	16
	03:45	0	4	6	0	0	0	0	0	6	0	0	1	3	0	20
	04:00	0	4	5	0	0	0	0	0	5	0	0	1	0	0	15
	04:15	0	3	5	0	1	0	0	0	7	0	0	0	1	0	17
	04:30	0	12	11	0	0	1	0	0	6	1	0	0	1	0	32
	04:45	0	7	6	0	0	0	0	0	2	0	0	0	1	0	16
	05:00	0	8	8	0	1	0	0	0	2	0	0	0	0	0	19
	05:15	0	14	13	1	0	2	0	0	6	0	0	0	1	0	37
	05:30	0	17	15	0	1	0	0	0	2	1	0	0	0	0	36
	05:45	0	16	29	0	0	0	0	0	4	0	0	0	0	0	49
	06:00	0	21	27	0	1	1	0	0	3	1	0	1	1	0	56
	06:15	0	32	33	2	0	3	0	1	5	1	0	1	1	0	79
	06:30	0	31	44	1	0	0	0	0	12	1	0	0	0	0	89
	06:45	0	35	32	1	0	3	2	0	8	1	0	1	1	1	85
	07:00	0	59	28	0	1	1	0	0	6	3	0	0	1	0	99
	07:15	0	52	35	1	3	4	0	2	11	3	0	0	3	0	114
	07:30	0	54	39	2	1	2	1	1	15	2	0	0	1	1	119
	07:45	0	43	48	2	0	2	0	0	9	1	0	0	3	1	109
	08:00	1	46	45	1	1	3	0	0	12	0	0	0	3	1	113
	08:15	0	35	39	2	2	0	0	2	15	2	0	0	2	1	100
	08:30	0	48	45	0	2	1	0	2	12	2	0	0	0	0	112
	08:45	0	29	49	0	2	2	0	0	13	1	0	0	2	2	100
	09:00	0	36	42	2	3	1	0	1	16	3	0	0	0	1	105
	09:15	0	25	42	2	0	4	0	1	14	0	0	0	2	0	90
	09:30	0	31	32	2	1	1	0	1	17	1	0	0	0	0	86
	09:45	0	26	29	1	0	2	0	0	13	3	0	0	2	0	76
	10:00	0	41	32	0	1	2	0	0	18	3	0	1	2	1	101
	10:15	0	32	32	0	2	0	0	0	10	2	0	0	2	0	80
	10:30	0	44	42	2	1	2	0	0	14	1	0	0	1	0	107
	10:45	0	31	34	1	5	1	0	0	17	1	0	0	2	0	92
	11:00	0	38	34	0	2	3	1	2	9	2	0	0	4	0	95
	11:15	0	32	36	0	2	3	0	0	17	3	0	0	4	0	97
	11:30	0	48	46	2	1	2	0	0	19	1	0	0	1	1	121
	11:45	0	27	40	1	1	0	0	0	21	1	0	0	0	0	91
	12:00	0	38	29	1	1	2	0	1	12	0	0	0	1	0	85
	12:15	0	45	49	1	1	2	0	1	15	1	0	0	1	0	116

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	51	39	1	0	3	0	0	15	0	0	2	5	0	116
Tue	12:45	2	46	43	0	0	2	0	0	13	1	0	0	2	0	109
	13:00	0	60	42	2	0	2	0	0	19	4	0	0	3	1	133
	13:15	0	45	38	0	3	0	0	0	21	2	0	0	2	0	111
	13:30	0	43	42	0	0	1	0	0	17	1	0	0	1	1	106
	13:45	2	45	48	2	2	2	0	2	15	1	0	0	3	0	122
	14:00	0	51	47	2	3	1	0	1	10	1	0	0	0	2	118
	14:15	0	41	50	0	3	0	0	3	21	3	0	2	0	0	123
	14:30	1	56	44	2	3	2	0	2	12	2	0	0	4	1	129
	14:45	2	48	51	1	0	2	0	0	18	2	0	0	3	1	128
	15:00	0	58	44	0	2	2	0	1	17	3	0	0	4	0	131
	15:15	0	55	73	0	2	1	0	0	23	5	0	0	1	0	160
	15:30	2	77	44	0	1	1	0	1	11	3	0	0	3	0	143
	15:45	1	69	36	0	1	3	0	2	14	2	0	1	5	1	135
	16:00	1	80	54	1	1	0	0	3	16	2	0	0	4	1	163
	16:15	2	75	55	1	1	1	0	1	9	2	0	0	2	1	150
	16:30	0	74	64	0	0	0	0	0	13	0	0	0	2	1	154
	16:45	0	93	65	0	0	2	0	2	15	0	0	0	0	3	180
	17:00	2	87	68	1	3	1	0	0	17	1	0	0	5	0	185
	17:15	0	98	72	1	1	0	0	0	14	3	0	0	1	0	190
	17:30	2	86	56	0	1	0	0	1	13	3	0	0	0	0	162
	17:45	0	87	55	0	1	0	0	3	23	2	0	0	3	0	174
	18:00	0	63	53	0	2	1	0	2	14	0	0	0	3	0	138
	18:15	2	77	49	0	2	1	0	0	8	0	0	0	1	0	140
	18:30	0	65	39	0	1	0	0	1	6	0	0	0	2	0	114
	18:45	0	61	38	0	0	1	0	1	9	2	0	0	2	1	115
	19:00	0	54	37	1	0	0	0	0	13	2	0	0	1	0	108
	19:15	0	38	32	0	0	0	0	0	12	1	0	0	1	0	84
	19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	19:45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20:00	1	1	0	0	0	0	0	0	1	0	0	0	0	0	3
	20:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		23	2922	2495	43	71	81	4	43	833	96	1	16	117	25	6770
Percent :		0%	43%	37%	1%	1%	1%	0%	1%	12%	1%	0%	0%	2%	0%	
Average :		0	30	26	0	1	1	0	0	9	1	0	0	1	0	69

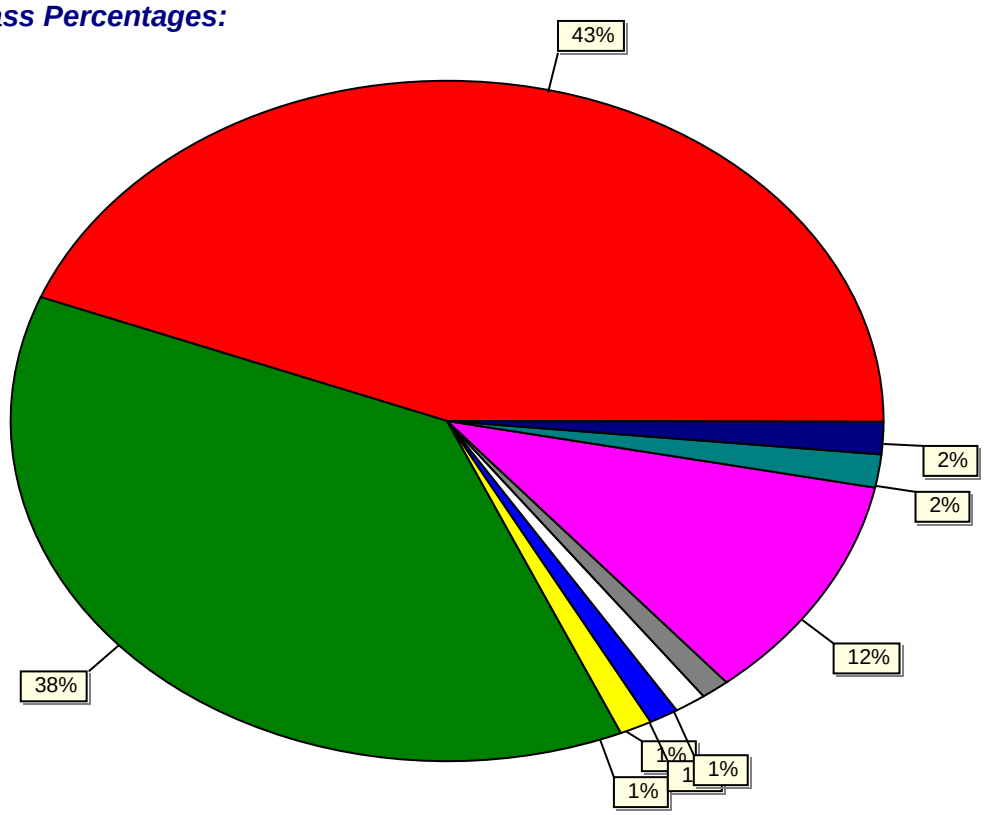
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	Percent :	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Basic Axle Class Summary: 2D0000556

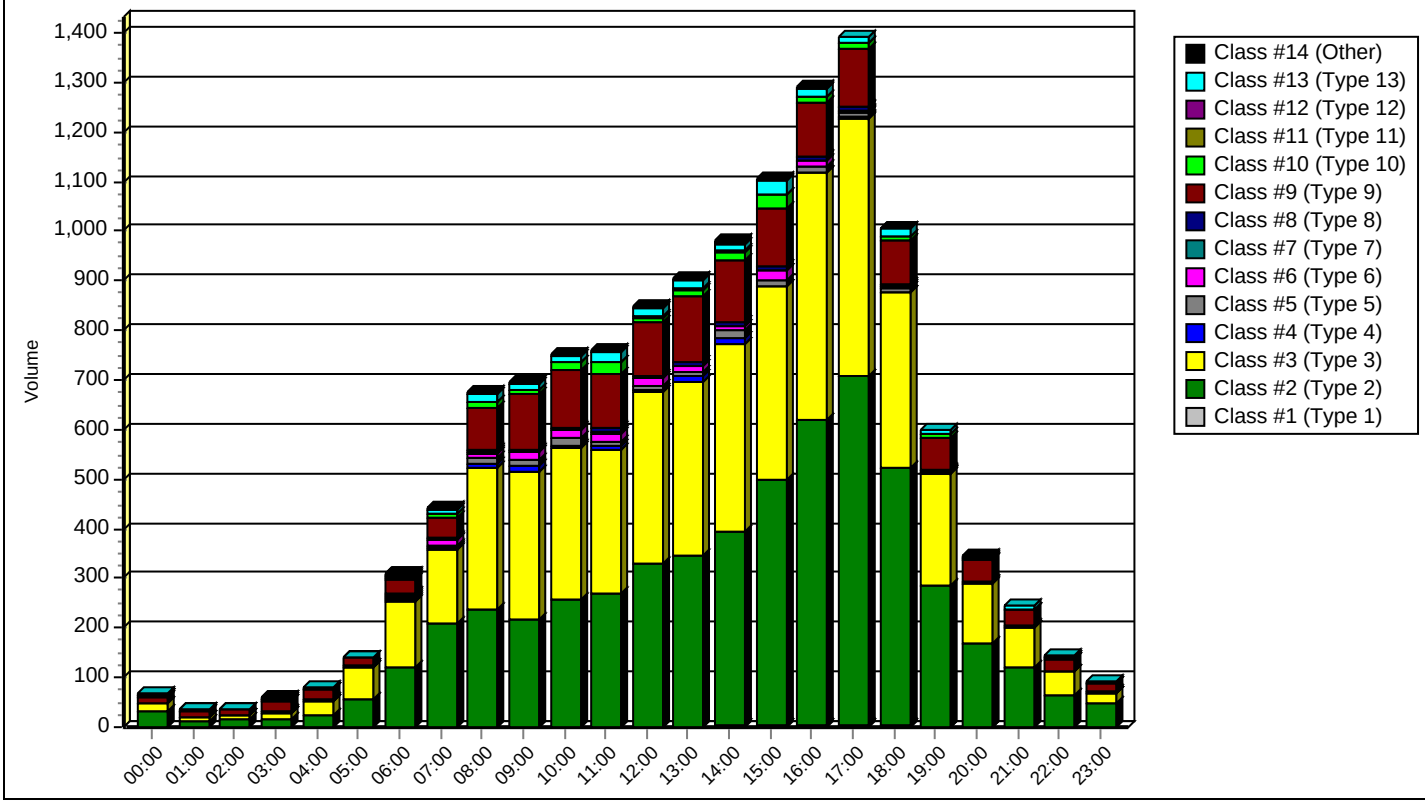
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	30	5551	4917	90	141	155	8	78	1553	196	2	24	222	52	13019
		30	5551	4917	90	141	155	8	78	1553	196	2	24	222	52	13019
Percents :	#1.	0%	43%	38%	1%	1%	1%	0%	1%	12%	2%	0%	0%	2%	0%	100%
		0%	43%	38%	1%	1%	1%	0%	1%	12%	2%	0%	0%	2%	0%	
Average :	#1.	0	28	24	0	1	1	0	0	8	1	0	0	1	0	64
		0	28	24	0	1	1	0	0	8	1	0	0	1	0	64
Days & ADT :	#1.	2.0	6218													
		2.0	6218													

2D0000556 Axle Class Charts For Data From: 08:15 - 04/11/2011 To: 10:44 - 04/13/2011

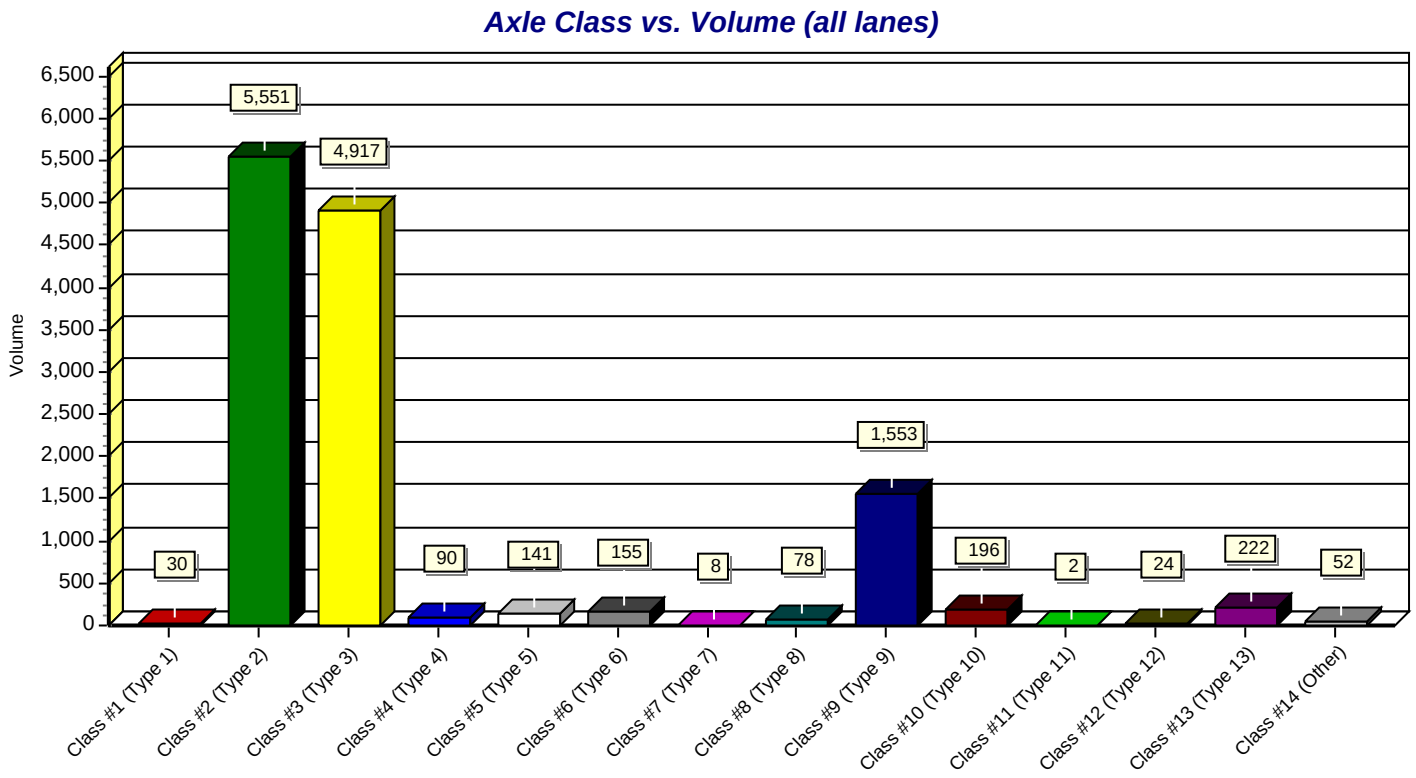
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0000556 Axle Class Charts For Data From: 08:15 - 04/11/2011 To: 10:44 - 04/13/2011



Basic Speed Classification Report: 2D0000556

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DR LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 08:15 - 04/11/2011 To: 10:44 - 04/13/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	08:15	1	0	0	0	0	0	1	1	6	12	31	6	2	0	0	0	60
Mon	08:30	0	0	0	0	0	0	0	2	9	29	51	6	2	2	0	0	101
	08:45	0	0	0	0	0	0	0	0	4	28	49	9	1	0	0	0	91
	09:00	0	0	1	0	0	0	0	0	4	31	46	11	0	0	0	0	93
	09:15	0	0	0	0	0	2	0	2	3	16	42	11	3	0	0	0	79
	09:30	0	0	0	0	0	0	0	1	3	19	37	12	1	0	0	0	73
	09:45	0	0	0	0	0	0	0	1	2	25	56	9	0	0	0	0	93
	10:00	0	0	0	0	0	0	0	0	5	36	45	14	3	0	1	0	104
	10:15	0	0	0	0	0	0	0	0	2	17	52	17	4	0	0	0	92
	10:30	0	0	0	0	0	0	1	1	3	22	43	14	1	0	0	0	85
	10:45	0	0	0	0	0	0	0	0	3	30	49	9	1	0	0	0	92
	11:00	0	0	0	0	0	0	0	0	2	21	50	8	1	0	0	0	82
	11:15	0	0	0	0	0	0	1	3	5	22	47	14	1	0	0	0	93
	11:30	0	0	0	0	0	0	0	1	3	28	39	11	1	0	0	0	83
	11:45	0	0	0	0	0	0	0	0	9	35	42	11	0	1	0	0	98
	12:00	0	0	0	0	0	1	0	0	2	28	51	17	0	0	1	0	100
	12:15	0	0	0	0	0	0	0	0	2	22	54	9	2	1	0	0	90
	12:30	0	0	0	0	0	0	0	1	8	36	53	10	3	0	0	0	111
	12:45	0	0	0	0	0	0	0	1	2	40	59	18	1	0	0	0	121
	13:00	0	0	0	0	0	0	0	2	7	32	43	8	1	0	0	0	93
	13:15	0	0	0	0	0	0	0	0	8	34	61	16	1	0	0	0	120
	13:30	0	0	0	0	0	0	1	0	5	34	54	10	0	0	0	0	104
	13:45	0	0	0	0	0	0	0	0	6	26	66	18	2	0	0	0	118
	14:00	0	0	0	0	0	0	0	0	7	23	72	8	3	0	0	0	113
	14:15	0	0	0	0	0	0	0	3	6	38	56	24	4	0	0	0	131
	14:30	0	0	0	0	0	0	0	1	12	52	54	12	1	0	0	0	132
	14:45	0	0	0	0	0	0	1	0	6	25	56	19	0	0	0	0	107
	15:00	0	0	0	0	0	0	0	4	6	46	64	13	2	0	0	0	135
	15:15	0	0	0	0	0	0	1	0	3	38	74	13	4	0	0	0	133
	15:30	0	0	0	0	0	0	0	1	6	40	65	13	2	0	0	0	127
	15:45	0	0	0	0	0	0	0	1	5	32	85	18	0	0	0	0	141
	16:00	0	0	0	0	0	0	0	1	6	33	73	26	3	0	0	0	142
	16:15	0	0	0	0	0	0	0	0	6	52	90	22	1	0	0	0	171
	16:30	0	0	0	0	0	0	0	0	7	44	93	16	2	0	0	0	162
	16:45	0	0	0	0	0	0	0	0	6	47	98	20	0	0	0	0	171
	17:00	0	0	0	0	0	0	1	2	3	33	106	38	4	0	0	0	187
	17:15	1	0	0	0	0	0	0	0	2	43	101	27	2	1	0	0	177
	17:30	0	0	0	0	0	0	0	0	6	34	75	27	6	0	0	0	148
	17:45	0	0	0	0	0	0	1	1	1	17	101	45	2	1	0	0	169
	18:00	0	0	0	0	0	0	0	0	1	26	71	51	3	0	0	0	152

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	18:15	0	0	0	0	0	0	0	0	1	26	74	29	2	0	0	0	132
Mon	18:30	0	0	0	0	0	0	0	0	1	22	62	17	0	0	0	0	102
	18:45	0	0	0	0	0	0	0	0	1	21	62	28	1	1	0	0	114
	19:00	0	0	0	0	0	0	0	0	1	20	66	21	2	1	0	0	111
	19:15	0	0	0	0	0	0	0	0	4	24	57	18	2	1	0	0	106
	19:30	0	0	0	0	0	0	0	2	4	28	51	9	0	0	0	0	94
	19:45	0	0	0	0	0	0	0	0	5	27	47	14	2	0	0	0	95
	20:00	0	0	0	0	0	0	0	1	1	25	47	15	0	1	0	0	90
	20:15	0	0	0	0	0	0	0	0	2	30	56	12	3	1	0	0	104
	20:30	0	0	0	0	0	0	0	1	1	28	37	7	0	0	0	0	74
	20:45	0	0	0	0	0	0	0	1	3	17	38	11	2	0	0	0	72
	21:00	0	0	0	0	0	0	0	0	2	16	36	16	1	1	0	0	72
	21:15	0	0	0	0	0	0	0	0	2	12	33	21	1	0	0	0	69
	21:30	0	0	0	0	0	0	0	0	3	19	26	7	0	2	0	0	57
	21:45	0	0	0	0	0	0	0	1	4	10	24	6	0	1	0	0	46
	22:00	0	0	0	0	0	0	0	0	1	11	23	3	1	0	0	0	39
	22:15	0	0	0	0	0	0	0	3	1	8	17	6	2	0	0	0	37
	22:30	0	0	0	0	0	0	0	0	2	7	21	5	1	0	0	0	36
	22:45	0	0	0	0	0	0	0	1	2	8	11	10	1	0	0	0	33
	23:00	0	0	0	0	0	0	0	0	0	7	13	6	0	0	0	0	26
	23:15	0	0	0	0	0	0	0	0	1	5	7	4	0	0	0	0	17
	23:30	0	0	0	0	0	0	0	0	5	4	11	2	0	0	0	0	22
	23:45	0	0	0	0	0	0	0	0	0	9	12	5	0	0	0	0	26
Daily Total :		2	0	1	0	0	3	8	40	239	1630	3285	932	91	15	2	0	6248
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	26%	53%	15%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	4	26	52	15	1	0	0	0	64

Speeds - Average: 66.5 50% : 66.9 67% : 68.5 85% : 70.7 10mph Pace: 60.1 - 70.0 (78.7%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	5	8	11	1	0	0	0	0	25
Tue	00:15	0	0	0	0	0	0	0	0	1	5	9	1	0	0	0	0	16
	00:30	0	0	0	0	0	0	0	0	0	10	7	2	0	0	0	0	19
	00:45	0	0	0	0	0	0	0	0	2	3	4	0	0	0	0	0	9
	01:00	0	0	0	0	0	0	0	0	1	3	7	0	0	0	0	0	11
	01:15	0	0	0	0	0	0	0	0	0	1	5	0	0	0	1	0	7
	01:30	0	0	0	0	0	0	0	0	0	4	3	1	0	0	0	0	8
	01:45	0	0	0	0	0	0	0	0	1	3	6	0	1	0	0	0	11
	02:00	0	0	0	0	0	0	0	0	0	3	3	1	0	0	0	0	7
	02:15	0	0	0	0	0	0	0	0	0	4	8	0	0	0	0	0	12
	02:30	0	0	0	0	0	0	0	0	2	3	4	0	0	0	0	0	9
	02:45	0	0	0	0	0	0	0	0	1	5	1	3	0	0	0	0	10
	03:00	0	0	0	0	0	0	0	0	0	5	9	1	0	0	0	0	15
	03:15	0	0	0	0	0	0	0	0	1	4	4	0	2	0	0	0	11
	03:30	0	0	0	0	0	0	1	0	1	3	7	4	0	0	0	0	16
	03:45	0	0	0	0	0	0	0	0	2	5	12	1	0	0	0	0	20
	04:00	0	0	0	0	0	0	1	0	1	9	4	0	0	0	0	0	15
	04:15	0	0	0	0	0	0	0	0	0	7	6	4	0	0	0	0	17
	04:30	0	0	0	0	0	0	0	0	3	9	15	4	0	1	0	0	32
	04:45	0	0	0	0	0	0	0	1	3	3	4	3	2	0	0	0	16
	05:00	0	0	0	0	0	0	0	0	1	3	11	4	0	0	0	0	19
	05:15	0	0	0	0	0	0	0	0	2	10	22	3	0	0	0	0	37
	05:30	0	0	0	0	0	0	0	0	4	6	17	8	1	0	0	0	36
	05:45	0	0	0	0	0	0	0	0	0	12	28	9	0	0	0	0	49
	06:00	0	0	0	0	0	0	0	1	0	17	26	12	0	0	0	0	56
	06:15	0	0	0	0	0	0	0	0	1	15	41	19	3	0	0	0	79
	06:30	0	0	0	0	0	0	0	0	2	13	57	17	0	0	0	0	89
	06:45	0	0	0	0	0	0	0	1	3	20	45	13	3	0	0	0	85
	07:00	0	0	0	0	0	0	1	0	1	19	54	22	2	0	0	0	99
	07:15	1	0	0	0	0	0	0	0	4	22	62	24	1	0	0	0	114
	07:30	0	0	0	0	0	0	0	1	2	25	72	16	3	0	0	0	119
	07:45	0	0	0	0	0	0	0	0	4	20	58	25	2	0	0	0	109
	08:00	0	0	0	0	0	0	0	0	3	36	60	13	1	0	0	0	113
	08:15	0	0	0	0	0	0	0	0	7	32	50	9	2	0	0	0	100
	08:30	0	0	0	0	0	0	0	0	1	28	65	15	3	0	0	0	112
	08:45	0	0	0	0	0	0	0	0	8	25	53	14	0	0	0	0	100
	09:00	0	0	0	0	0	0	0	2	9	39	48	4	3	0	0	0	105
	09:15	0	0	0	0	0	0	0	1	3	28	41	17	0	0	0	0	90
	09:30	0	0	0	0	0	0	0	1	6	20	45	11	3	0	0	0	86
	09:45	0	0	0	0	0	0	0	0	5	19	42	9	1	0	0	0	76
	10:00	1	0	0	0	0	0	0	0	10	40	45	5	0	0	0	0	101
	10:15	0	0	0	0	0	0	0	1	2	39	30	6	2	0	0	0	80
	10:30	0	0	0	0	0	0	2	0	16	43	38	5	3	0	0	0	107
	10:45	0	0	0	0	0	0	0	0	4	37	39	10	2	0	0	0	92
	11:00	0	0	0	0	0	0	0	1	4	28	48	12	2	0	0	0	95
	11:15	0	0	0	0	0	0	0	1	6	33	45	11	1	0	0	0	97
	11:30	0	0	0	0	0	0	0	1	6	46	53	15	0	0	0	0	121
	11:45	0	0	0	0	0	0	0	1	2	30	40	18	0	0	0	0	91
	12:00	0	0	0	0	0	0	0	0	4	27	40	11	3	0	0	0	85
	12:15	0	0	0	0	0	0	0	0	2	29	72	13	0	0	0	0	116

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	1	7	43	54	9	2	0	0	0	116
Tue	12:45	0	0	0	0	0	0	0	0	5	35	52	17	0	0	0	0	109
	13:00	0	0	0	0	0	0	0	3	14	54	49	12	1	0	0	0	133
	13:15	0	0	0	0	0	0	0	0	4	32	61	13	1	0	0	0	111
	13:30	0	0	0	0	0	0	0	0	5	32	53	16	0	0	0	0	106
	13:45	0	0	0	0	0	0	0	1	5	41	56	18	1	0	0	0	122
	14:00	0	0	0	0	0	0	0	1	7	40	57	10	3	0	0	0	118
	14:15	0	0	0	0	0	0	0	2	10	34	64	9	3	1	0	0	123
	14:30	0	0	0	0	0	0	0	1	6	37	66	15	3	1	0	0	129
	14:45	0	0	0	0	0	0	0	0	4	31	74	15	3	1	0	0	128
	15:00	0	1	0	0	0	0	0	1	5	43	61	18	1	1	0	0	131
	15:15	0	0	0	0	0	0	0	0	12	67	64	15	2	0	0	0	160
	15:30	0	0	0	0	0	0	0	2	7	51	62	20	1	0	0	0	143
	15:45	0	0	0	0	0	0	0	0	8	46	63	15	3	0	0	0	135
	16:00	0	0	0	0	0	0	0	0	5	58	85	14	1	0	0	0	163
	16:15	0	0	0	0	0	0	0	1	9	39	83	18	0	0	0	0	150
	16:30	0	0	0	0	0	1	0	1	7	50	69	23	2	1	0	0	154
	16:45	0	0	0	0	0	0	0	2	8	43	89	33	4	1	0	0	180
	17:00	1	0	0	0	0	0	0	1	2	52	106	21	1	1	0	0	185
	17:15	0	0	0	0	0	0	0	1	10	56	104	17	2	0	0	0	190
	17:30	0	0	0	0	0	0	0	1	12	43	79	23	4	0	0	0	162
	17:45	0	0	0	0	0	0	0	2	5	53	96	16	2	0	0	0	174
	18:00	0	0	0	0	1	0	0	0	2	45	71	19	0	0	0	0	138
	18:15	0	0	0	0	0	0	0	0	2	26	69	39	4	0	0	0	140
	18:30	0	0	0	0	0	0	0	0	2	13	77	17	4	1	0	0	114
	18:45	0	0	0	0	0	0	0	0	6	32	59	15	3	0	0	0	115
	19:00	0	0	0	0	0	0	0	0	2	30	57	16	3	0	0	0	108
	19:15	0	0	0	0	0	1	0	0	4	26	33	15	4	1	0	0	84
	19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	19:45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20:00	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	20:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		6	1	2	0	1	2	5	34	321	2010	3389	884	104	10	1	0	6770
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	5%	30%	50%	13%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	3	21	35	9	1	0	0	0	99

Speeds - Average: 66.2 50% : 66.5 67% : 68.2 85% : 70.0 10mph Pace: 60.1 - 70.0 (79.7%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Percent :		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69

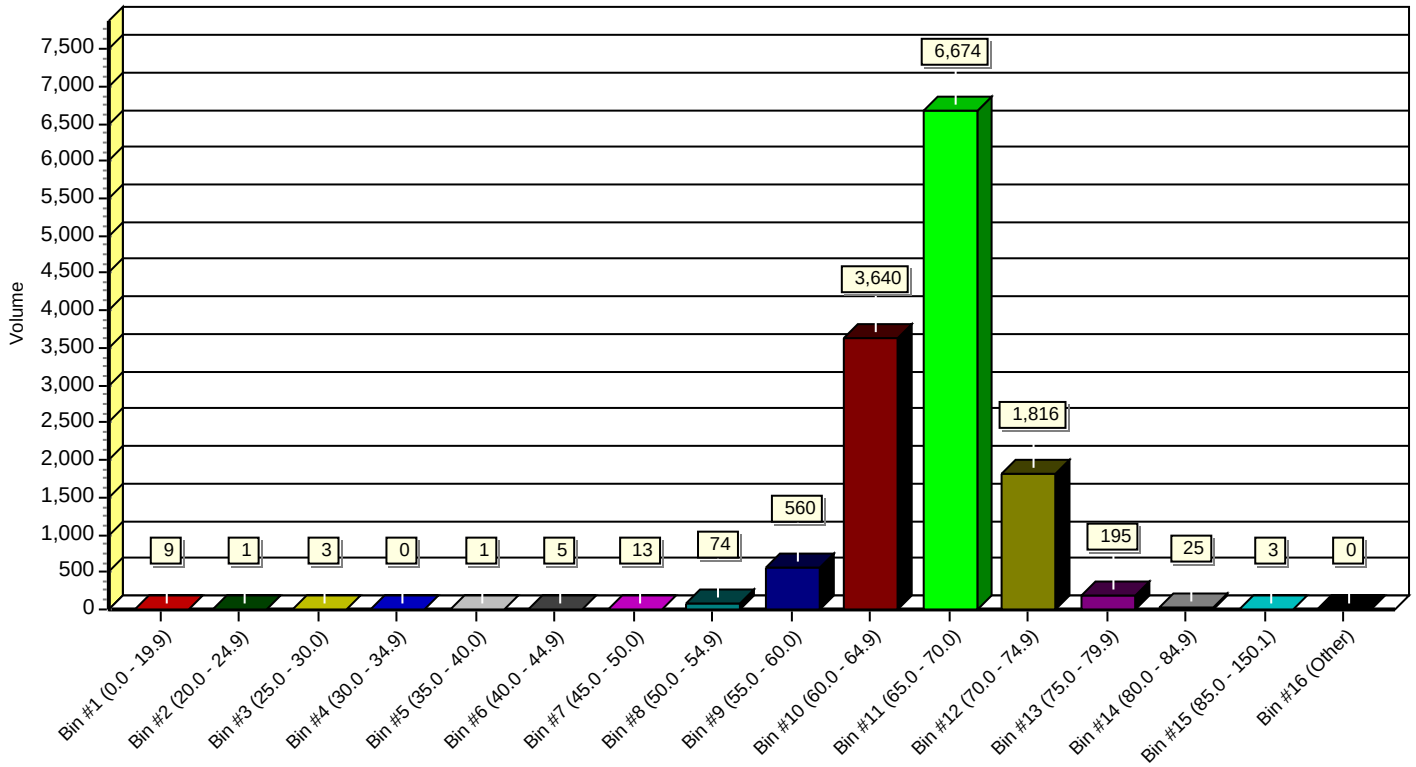
Speeds - Average: 10.0 50% : 0.0 67% : 0.0 85% : 0.0 10mph Pace: 10.0 - 19.9 (100.0%)

Basic Speed Class Summary: 2D0000556

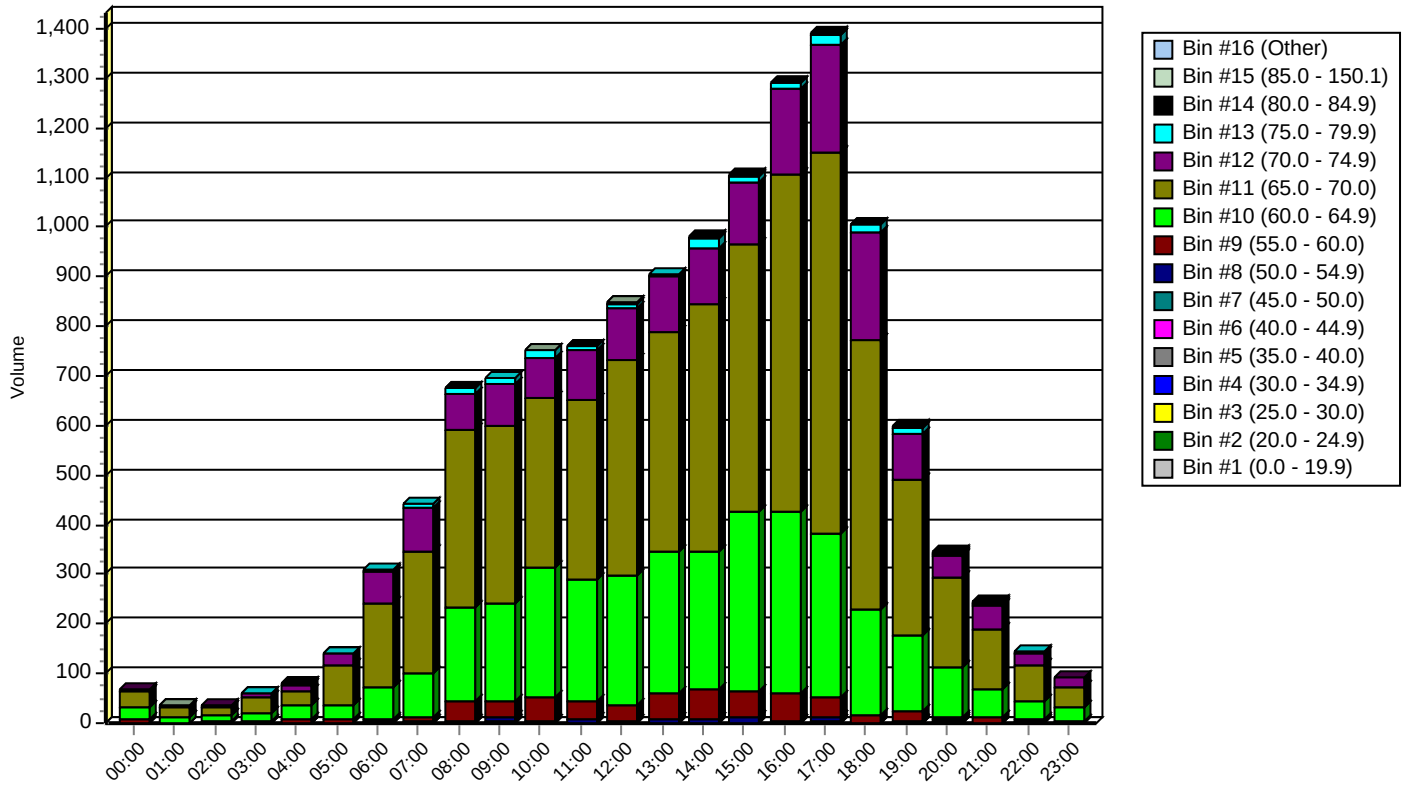
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	9	1	3	0	1	5	13	74	560	3640	6674	1816	195	25	3	0	13019
		9	1	3	0	1	5	13	74	560	3640	6674	1816	195	25	3	0	13019
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	4%	28%	51%	14%	1%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	4%	28%	51%	14%	1%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	3	18	33	9	1	0	0	0	64
		0	0	0	0	0	0	0	0	3	18	33	9	1	0	0	0	64
Days & ADT :	#1.	2.0	6218															
		2.0	6218															
Avg,50,67,85%:	#1.	66.4	66.7	68.4	70.3	60.1	- 70.0	79%										
		66.4	66.7	68.4	70.3	60.1	- 70.0	79%										

2D0000556 Speed Class Charts For Data From: 08:15 - 04/11/2011 To: 10:44 - 04/13/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0000556

Station ID : 2P0000556
Info Line 1 : 90994500
Info Line 2 : I-90 27TH INTC
GPS Lat/Lon :
DB File : 2P0000556.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 37522
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 08:15 - 04/11/2011 To: 10:44 - 04/13/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	08:15	1	28	17	1	1	0	0	0	5	0	0	0	1	0	54
Mon	08:30	0	19	15	0	0	0	0	0	3	0	0	0	3	1	41
	08:45	0	22	18	0	0	1	0	0	0	0	0	0	0	1	42
	09:00	0	7	21	1	0	0	0	0	2	0	0	0	0	1	32
	09:15	0	14	23	0	0	1	0	0	4	0	0	0	0	0	42
	09:30	0	9	16	1	0	0	0	0	5	2	0	0	0	0	33
	09:45	1	14	14	0	0	0	0	0	3	2	0	0	0	0	34
	10:00	0	20	20	0	0	0	0	1	1	1	0	0	1	0	44
	10:15	0	15	6	0	0	1	0	0	2	0	0	0	0	0	24
	10:30	0	15	17	0	1	0	0	0	0	1	0	0	0	0	34
	10:45	0	21	17	0	0	2	0	0	2	1	0	0	1	0	44
	11:00	0	13	3	0	0	0	0	0	2	0	0	0	0	0	18
	11:15	0	19	12	0	1	0	0	1	2	0	0	0	1	0	36
	11:30	0	19	10	0	0	0	0	0	1	2	0	0	0	0	32
	11:45	0	25	10	0	0	0	0	0	4	0	0	0	1	0	40
	12:00	0	22	10	0	0	0	0	0	1	0	0	0	2	0	35
	12:15	1	13	12	0	0	0	0	0	0	0	0	0	1	0	27
	12:30	0	22	16	0	0	0	0	0	0	1	0	0	1	0	40
	12:45	0	14	19	0	2	0	0	0	7	1	0	0	0	0	43
	13:00	0	18	14	0	0	0	0	0	5	0	0	0	0	0	37
	13:15	0	29	23	0	0	0	0	1	5	0	0	0	0	0	58
	13:30	0	28	19	0	0	0	0	0	4	0	0	0	0	0	51
	13:45	0	25	17	0	1	0	0	1	0	0	0	0	2	0	46
	14:00	0	34	26	0	0	0	0	0	3	0	0	0	1	0	64
	14:15	0	20	32	0	0	0	0	0	3	0	0	0	0	0	55
	14:30	0	21	25	0	0	0	0	1	4	1	0	0	1	0	53
	14:45	0	31	25	0	0	0	0	0	3	0	0	0	0	0	59
	15:00	2	33	31	0	0	0	0	0	3	0	0	0	0	0	69
	15:15	0	29	27	0	0	0	0	1	1	1	0	0	1	0	60
	15:30	0	43	22	0	0	0	0	0	3	0	0	0	1	0	69
	15:45	0	44	35	0	1	1	0	0	7	0	0	0	0	1	89
	16:00	1	46	31	0	1	0	0	0	1	1	0	0	1	0	82
	16:15	1	52	23	0	0	1	0	0	3	0	0	0	0	0	80
	16:30	0	50	45	0	0	0	0	0	2	0	0	0	1	0	98

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	16:45	0	54	39	0	0	1	0	1	4	1	0	1	0	1	102
Mon	17:00	0	54	41	0	0	0	0	0	3	2	0	0	0	2	102
	17:15	0	75	48	0	0	0	0	1	0	1	0	0	0	1	126
	17:30	0	58	30	0	1	0	0	0	2	0	0	0	0	1	92
	17:45	0	54	32	0	1	0	0	1	0	0	0	0	0	1	89
	18:00	0	25	20	0	0	0	0	1	0	0	0	0	1	0	47
	18:15	1	37	22	0	0	0	0	0	0	0	0	0	0	0	60
	18:30	0	28	14	0	0	0	0	0	1	0	0	0	0	0	43
	18:45	0	22	15	0	0	0	0	0	0	1	0	0	0	0	38
	19:00	0	22	17	1	0	0	0	0	1	0	0	0	0	0	41
	19:15	0	20	10	0	0	0	0	0	1	0	0	0	1	0	32
	19:30	0	16	12	0	0	0	0	0	2	0	0	0	0	0	30
	19:45	1	26	10	0	0	0	0	0	2	0	0	0	0	0	39
	20:00	1	12	18	0	0	0	0	0	1	0	0	0	1	0	33
	20:15	0	17	14	0	0	0	0	0	2	0	0	0	0	0	33
	20:30	0	12	4	0	0	0	0	0	0	0	0	0	0	0	16
	20:45	1	8	12	0	1	0	0	0	1	0	0	0	0	0	23
	21:00	0	7	7	0	0	0	0	0	1	0	0	0	0	1	16
	21:15	0	9	5	0	0	0	0	0	0	0	0	0	0	0	14
	21:30	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
	21:45	0	8	3	0	0	0	0	0	1	0	0	0	0	0	12
	22:00	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	22:15	0	10	2	0	0	0	0	0	0	0	0	0	0	0	12
	22:30	0	5	2	0	0	0	0	0	0	0	0	0	0	1	8
	22:45	0	6	1	0	0	0	0	0	1	0	0	0	1	0	9
	23:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	23:15	1	4	0	0	0	0	0	0	0	0	0	0	0	0	5
	23:30	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
Daily Total :		13	1443	1058	4	11	8	0	10	114	19	0	1	24	12	2717
	Percent :	0%	53%	39%	0%	0%	0%	0%	0%	4%	1%	0%	0%	1%	0%	
	Average :	0	23	17	0	0	0	0	0	2	0	0	0	0	0	42

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
Tue	00:15	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2
	00:30	0	3	1	0	0	0	0	0	1	0	0	0	0	0	5
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	03:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	04:30	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	04:45	0	2	2	0	0	0	0	0	2	0	0	0	1	0	7
	05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:15	0	2	4	0	0	0	0	0	1	0	0	0	0	0	7
	05:30	0	1	3	0	0	0	0	0	0	0	0	1	1	0	6
	05:45	0	4	6	0	0	0	0	0	0	0	0	0	0	0	10
	06:00	0	6	5	0	0	0	0	0	0	0	0	0	0	0	11
	06:15	1	10	12	0	0	0	0	0	0	0	0	0	0	0	23
	06:30	0	18	11	0	0	0	0	0	0	0	0	0	0	0	29
	06:45	0	20	15	0	0	0	0	1	0	0	0	0	0	1	37
	07:00	0	20	8	1	0	0	0	0	0	0	0	0	0	0	29
	07:15	0	26	23	1	0	0	0	0	2	0	0	0	0	1	53
	07:30	0	34	16	0	0	0	0	1	3	2	0	0	0	1	57
	07:45	0	32	24	0	0	0	0	0	1	0	0	0	1	0	58
	08:00	0	19	21	0	0	1	0	0	0	1	0	0	0	1	43
	08:15	0	16	18	0	0	0	0	0	0	0	0	0	0	0	34
	08:30	0	24	13	0	0	0	0	0	0	0	0	0	0	0	37
	08:45	0	25	13	0	0	1	0	0	3	0	0	0	1	0	43
	09:00	0	27	20	1	0	0	0	0	3	1	0	0	0	0	52
	09:15	1	12	19	0	1	0	0	0	0	1	0	0	1	0	35
	09:30	0	20	14	0	0	0	0	0	3	2	0	0	0	0	39
	09:45	0	8	7	1	0	1	1	0	3	1	0	0	2	0	24
	10:00	0	11	18	0	1	0	0	0	2	0	0	0	0	1	33
	10:15	0	16	10	0	1	0	0	0	3	0	0	0	1	0	31
	10:30	0	17	21	0	0	2	0	0	0	0	0	0	0	0	40
	10:45	0	21	19	0	0	0	0	0	1	1	0	0	0	0	42
	11:00	1	18	18	0	0	0	0	0	0	1	0	0	1	0	39
	11:15	0	14	17	0	0	0	0	1	2	0	0	0	0	0	34
	11:30	1	22	23	0	0	0	0	0	5	1	0	0	0	0	52
	11:45	0	13	20	0	0	0	0	0	2	1	0	0	0	0	36
	12:00	0	16	11	0	0	0	0	0	3	1	0	0	0	1	32
	12:15	0	21	16	0	0	0	0	0	1	1	0	0	0	0	39

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	1	20	14	0	0	0	0	2	1	0	0	0	0	0	38
Tue	12:45	0	23	18	0	0	0	0	1	4	0	0	0	2	0	48
	13:00	0	20	20	2	0	1	0	0	1	0	0	0	1	0	45
	13:15	0	23	15	0	0	0	0	0	2	0	0	0	0	2	42
	13:30	0	23	20	0	0	0	0	1	3	2	0	0	0	0	49
	13:45	0	29	20	0	0	0	0	0	3	1	0	0	0	2	55
	14:00	0	25	14	0	0	0	0	0	4	0	0	0	0	0	43
	14:15	0	31	11	1	0	1	0	0	2	0	0	0	0	0	46
	14:30	1	26	23	0	0	0	1	0	6	2	0	0	1	0	60
	14:45	0	22	29	0	0	0	0	0	4	0	0	0	1	0	56
	15:00	0	31	29	1	0	0	0	0	4	1	0	0	0	1	67
	15:15	0	41	27	1	0	0	0	1	4	0	0	0	1	1	76
	15:30	0	41	19	0	1	1	0	0	3	0	0	0	1	0	66
	15:45	0	34	34	0	0	0	0	1	1	1	0	0	0	0	71
	16:00	0	45	25	0	0	0	0	2	1	1	0	0	1	1	76
	16:15	0	52	26	0	0	0	0	1	2	0	0	0	2	0	83
	16:30	4	49	39	0	0	0	0	0	4	2	0	0	1	3	102
	16:45	0	62	49	0	0	0	0	0	0	0	0	0	0	0	111
	17:00	0	69	48	0	0	0	0	1	2	0	0	0	0	0	120
	17:15	0	74	47	0	1	0	0	0	2	0	0	0	1	1	126
	17:30	1	50	45	0	0	0	0	1	1	0	0	0	0	0	98
	17:45	1	51	38	0	0	0	0	0	4	0	0	0	1	2	97
	18:00	0	45	30	0	0	0	0	0	1	0	0	0	1	1	78
	18:15	1	42	20	0	0	0	0	0	2	0	0	0	0	0	65
	18:30	0	19	12	0	0	0	0	0	1	0	0	0	0	0	32
	18:45	0	23	12	0	0	0	0	0	0	0	0	0	1	0	36
	19:00	0	19	11	1	0	0	0	0	1	0	0	0	0	0	32
	19:15	1	16	7	0	0	0	0	0	2	1	0	0	0	0	27
	19:30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		15	1518	1136	10	5	8	2	14	111	25	0	1	24	22	2891
Percent :		1%	53%	39%	0%	0%	0%	0%	0%	4%	1%	0%	0%	1%	1%	
Average :		0	16	12	0	0	0	0	0	1	0	0	0	0	0	29

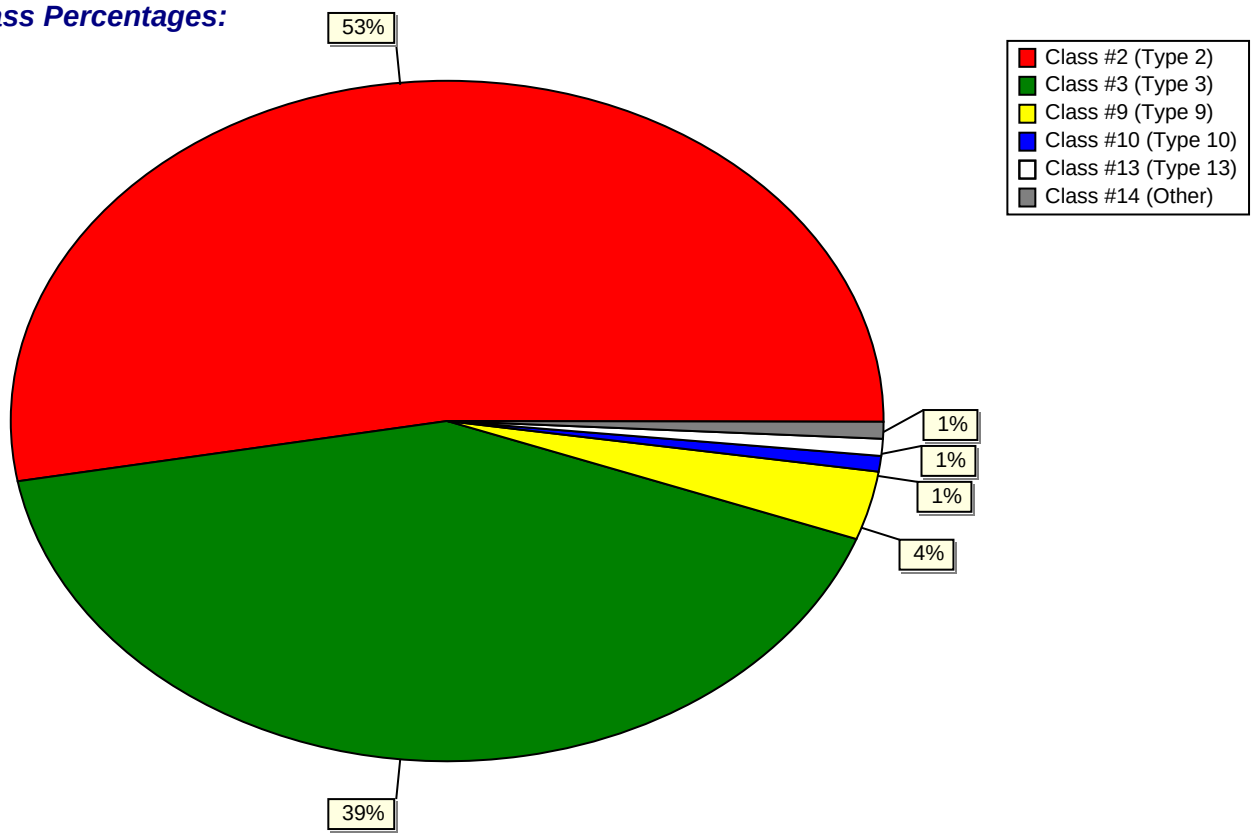
Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent :		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Average :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Basic Axle Class Summary: 2P0000556

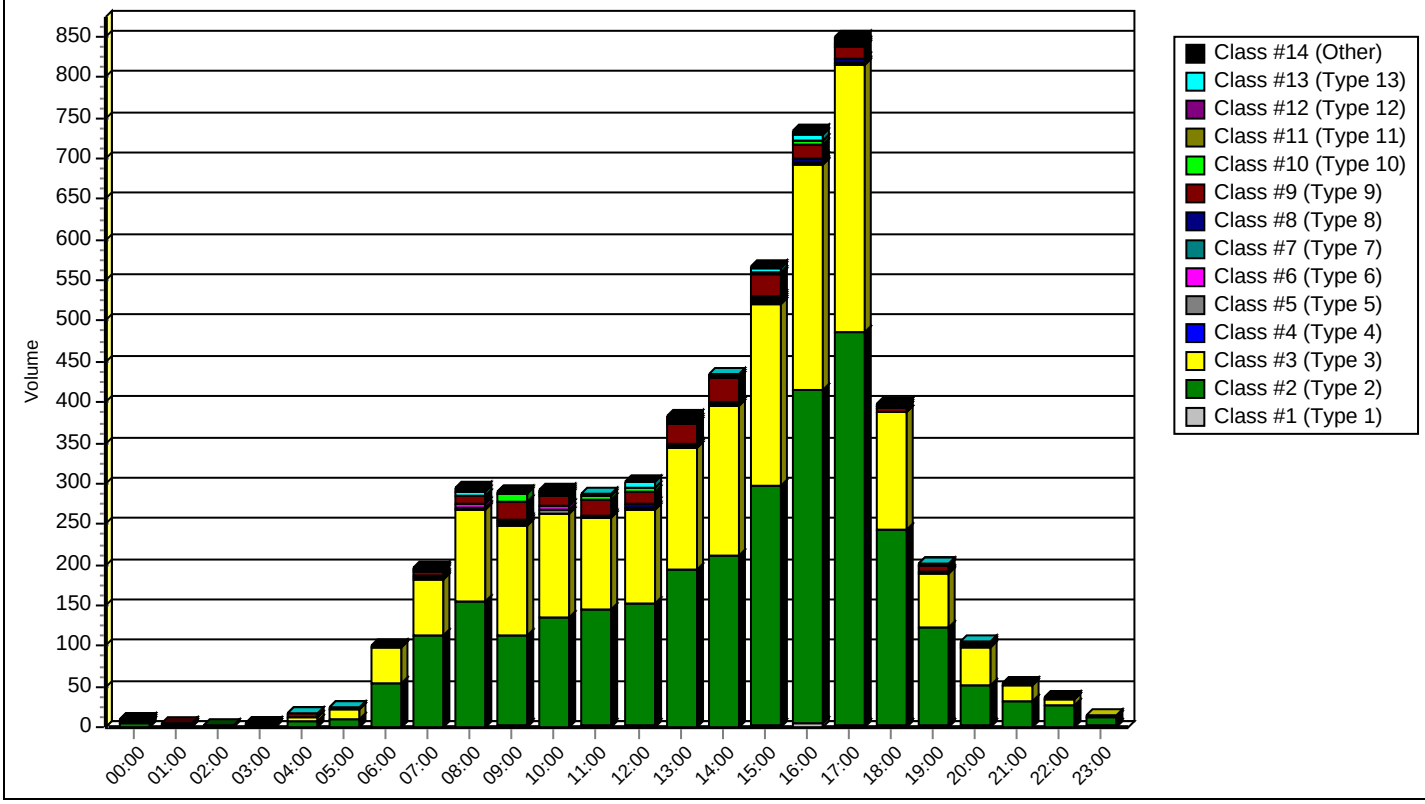
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	28	2961	2194	14	16	16	2	24	225	44	0	2	48	34	5608
		28	2961	2194	14	16	16	2	24	225	44	0	2	48	34	5608
Percents :	#1.	0%	53%	39%	0%	0%	0%	0%	0%	4%	1%	0%	0%	1%	1%	100%
		0%	53%	39%	0%	0%	0%	0%	0%	4%	1%	0%	0%	1%	1%	
Average :	#1.	0	15	11	0	0	0	0	0	1	0	0	0	0	0	27
		0	15	11	0	0	0	0	0	1	0	0	0	0	0	27
Days & ADT :	#1.	2.0	2678													
		2.0	2678													

2P0000556 Axle Class Charts For Data From: 08:15 - 04/11/2011 To: 10:44 - 04/13/2011

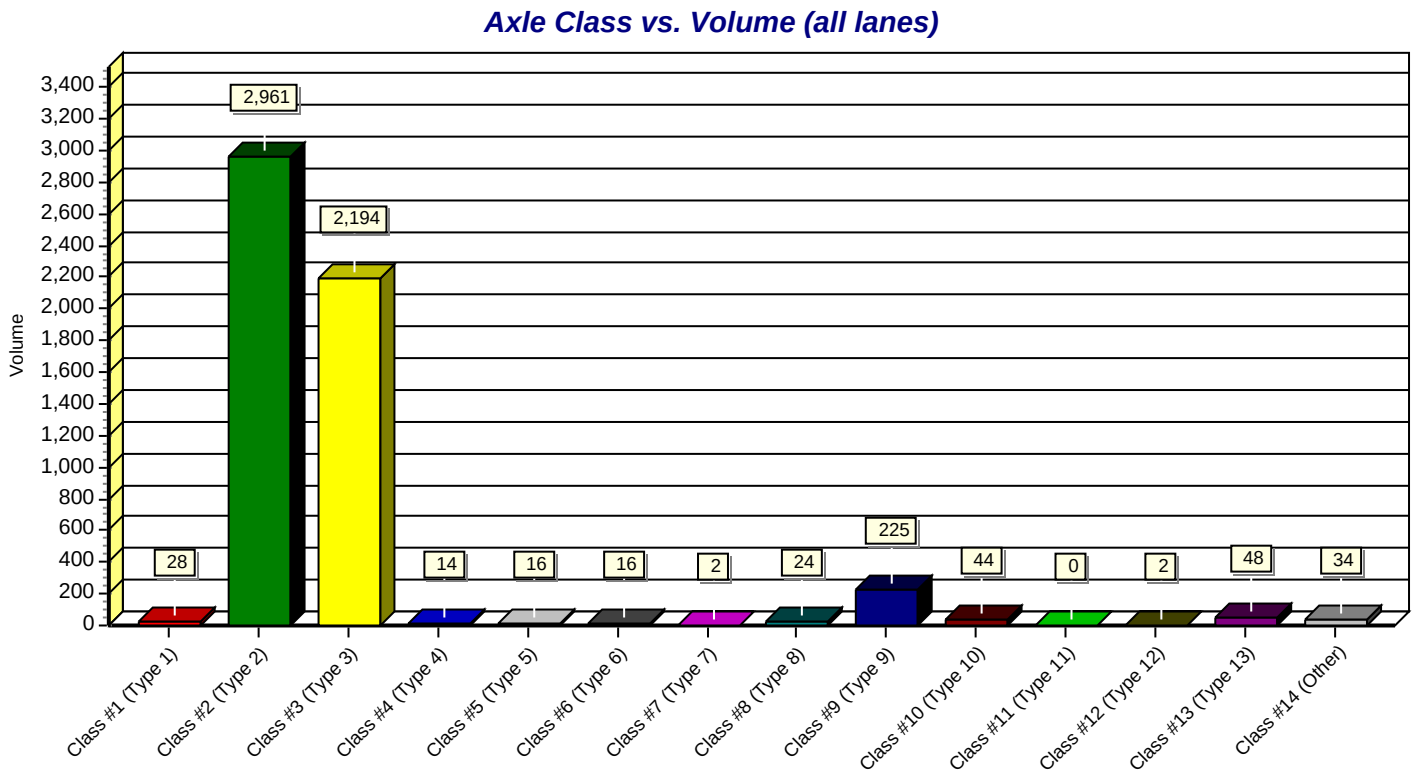
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0000556 Axle Class Charts For Data From: 08:15 - 04/11/2011 To: 10:44 - 04/13/2011



Basic Speed Classification Report: 2P0000556

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 08:15 - 04/11/2011 To: 10:44 - 04/13/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	08:15	1	0	0	0	0	0	0	0	3	12	31	5	0	2	0	0	54
Mon	08:30	0	0	0	0	0	0	0	0	0	3	17	15	5	1	0	0	41
	08:45	1	0	0	0	0	0	0	0	0	2	20	17	1	1	0	0	42
	09:00	1	0	0	0	0	0	0	0	0	3	16	11	1	0	0	0	32
	09:15	0	0	0	0	0	0	0	0	0	7	27	8	0	0	0	0	42
	09:30	1	0	0	0	0	0	0	0	0	2	19	10	1	0	0	0	33
	09:45	1	0	0	0	0	0	0	0	0	1	18	10	4	0	0	0	34
	10:00	0	0	0	0	0	0	0	0	0	6	19	17	1	0	1	0	44
	10:15	0	0	0	0	0	0	0	0	0	1	11	10	1	1	0	0	24
	10:30	0	0	0	0	0	0	0	0	0	4	22	5	3	0	0	0	34
	10:45	0	0	0	0	0	0	0	0	0	6	21	11	4	1	1	0	44
	11:00	0	0	0	0	0	0	0	0	0	2	12	3	0	0	1	0	18
	11:15	0	0	0	0	0	0	0	0	0	2	18	15	1	0	0	0	36
	11:30	0	0	0	0	0	0	0	0	0	1	22	8	1	0	0	0	32
	11:45	0	0	0	0	0	0	0	0	0	5	19	10	6	0	0	0	40
	12:00	0	0	0	0	0	0	0	0	0	3	15	15	2	0	0	0	35
	12:15	1	0	0	0	0	0	0	0	0	0	15	9	2	0	0	0	27
	12:30	0	0	0	0	0	0	0	0	0	1	21	14	4	0	0	0	40
	12:45	0	0	0	0	0	0	0	0	0	5	19	15	3	1	0	0	43
	13:00	0	0	0	0	0	0	0	0	0	4	21	9	2	1	0	0	37
	13:15	0	0	0	0	0	0	0	0	1	1	30	22	4	0	0	0	58
	13:30	0	0	0	0	0	0	0	0	0	3	24	21	2	1	0	0	51
	13:45	0	0	0	0	0	0	0	0	0	3	19	16	8	0	0	0	46
	14:00	0	0	0	0	0	0	0	0	0	3	31	25	4	1	0	0	64
	14:15	0	0	0	0	0	0	0	0	0	12	22	19	2	0	0	0	55
	14:30	0	0	0	0	0	0	0	0	1	5	25	22	0	0	0	0	53
	14:45	0	0	0	0	0	0	0	0	0	3	34	18	2	1	1	0	59
	15:00	1	0	0	1	0	0	0	0	1	8	33	21	3	1	0	0	69
	15:15	0	0	0	0	0	0	0	0	0	10	26	17	6	1	0	0	60
	15:30	0	0	0	0	0	0	0	0	0	5	43	16	5	0	0	0	69
	15:45	1	0	0	0	0	0	0	0	0	9	46	28	5	0	0	0	89
	16:00	0	0	0	0	0	0	0	0	0	5	43	28	4	2	0	0	82
	16:15	1	0	0	0	0	0	0	0	0	8	40	25	5	1	0	0	80
	16:30	0	0	0	0	0	0	0	0	0	4	61	31	2	0	0	0	98
	16:45	0	0	0	0	0	0	0	0	0	3	63	31	5	0	0	0	102
	17:00	0	0	0	0	0	0	0	0	0	3	37	53	8	1	0	0	102
	17:15	0	0	0	0	0	0	0	0	0	4	53	63	5	1	0	0	126
	17:30	0	0	0	0	0	0	0	0	1	4	48	28	10	1	0	0	92
	17:45	1	0	0	0	0	0	0	0	0	2	43	35	7	0	1	0	89
	18:00	0	0	0	0	0	0	0	0	0	0	13	28	6	0	0	0	47

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	18:15	0	0	0	0	0	0	0	0	0	2	24	26	4	3	1	0	60
Mon	18:30	0	0	0	0	0	0	0	0	1	0	22	13	5	2	0	0	43
	18:45	0	0	0	0	0	0	0	0	0	0	25	10	2	1	0	0	38
	19:00	0	0	0	0	0	0	0	0	0	4	13	19	5	0	0	0	41
	19:15	0	0	0	0	0	0	0	0	0	0	11	17	3	1	0	0	32
	19:30	0	0	0	0	0	0	0	0	0	6	15	6	1	2	0	0	30
	19:45	0	0	0	0	0	0	0	0	0	2	21	12	4	0	0	0	39
	20:00	1	0	0	0	0	0	0	0	0	1	23	7	1	0	0	0	33
	20:15	0	0	0	0	0	0	0	0	0	0	18	12	2	0	1	0	33
	20:30	0	0	0	0	0	0	0	0	0	2	9	3	2	0	0	0	16
	20:45	1	0	0	0	0	0	0	0	0	2	12	8	0	0	0	0	23
	21:00	1	0	0	0	0	0	0	0	0	0	10	5	0	0	0	0	16
	21:15	0	0	0	0	0	0	0	0	0	1	9	4	0	0	0	0	14
	21:30	0	0	0	0	0	0	0	0	0	0	6	6	0	0	0	0	12
	21:45	0	0	0	0	0	0	0	0	0	3	7	2	0	0	0	0	12
	22:00	0	0	0	0	0	0	0	0	0	0	2	4	1	1	0	0	8
	22:15	0	0	0	0	0	0	0	0	0	1	8	2	1	0	0	0	12
	22:30	0	1	0	0	0	0	0	0	1	2	2	2	0	0	0	0	8
	22:45	1	0	0	0	0	0	0	0	0	2	5	1	0	0	0	0	9
	23:00	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
	23:15	1	0	0	0	0	0	0	0	0	1	2	0	0	1	0	0	5
	23:30	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4
Daily Total :		16	1	0	1	0	0	0	0	9	197	1366	924	166	30	7	0	2717
	Percent :	1%	0%	0%	0%	0%	0%	0%	0%	0%	7%	50%	34%	6%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	3	22	15	3	0	0	0	27

Speeds - Average: 69.3 50% : 69.2 67% : 71.4 85% : 73.9 10mph Pace: 65.0 - 74.9 (84.3%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	3
Tue	00:15	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	3	1	0	0	1	0	5
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	03:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
	04:30	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	6
	04:45	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	0	7
	05:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	2	3	2	0	0	0	0	7
	05:30	0	0	0	0	0	0	0	0	0	0	3	1	2	0	0	0	6
	05:45	0	0	0	0	0	0	0	0	0	0	6	4	0	0	0	0	10
	06:00	0	0	0	0	0	0	0	0	0	1	5	3	2	0	0	0	11
	06:15	1	0	0	0	0	0	0	0	0	0	9	10	2	1	0	0	23
	06:30	0	0	0	0	0	0	0	0	0	0	9	14	5	0	1	0	29
	06:45	0	0	0	0	0	0	0	0	0	0	17	16	4	0	0	0	37
	07:00	0	0	0	0	0	0	0	0	0	0	13	14	2	0	0	0	29
	07:15	0	0	0	0	0	0	0	0	0	4	22	23	4	0	0	0	53
	07:30	0	0	0	0	0	0	0	0	0	4	29	20	4	0	0	0	57
	07:45	0	0	0	0	0	0	0	0	0	0	25	28	4	1	0	0	58
	08:00	0	0	0	0	0	0	0	0	0	0	20	16	7	0	0	0	43
	08:15	0	0	0	0	0	0	0	0	0	2	17	9	6	0	0	0	34
	08:30	0	0	0	0	0	0	0	0	0	2	10	19	3	2	1	0	37
	08:45	0	0	0	0	0	0	0	0	0	1	24	10	6	2	0	0	43
	09:00	0	0	0	0	0	0	0	0	0	6	27	17	2	0	0	0	52
	09:15	1	0	0	0	0	0	0	0	0	2	17	13	2	0	0	0	35
	09:30	0	0	0	0	0	0	0	0	0	4	24	8	3	0	0	0	39
	09:45	0	0	0	0	0	0	0	0	0	3	12	3	6	0	0	0	24
	10:00	0	0	0	0	0	0	0	0	1	3	21	7	1	0	0	0	33
	10:15	0	0	0	0	0	0	0	0	0	1	17	10	3	0	0	0	31
	10:30	0	0	0	0	0	0	0	0	0	2	21	13	4	0	0	0	40
	10:45	0	0	0	0	0	0	0	0	0	4	17	16	5	0	0	0	42
	11:00	0	0	0	0	0	0	0	0	0	1	21	8	6	2	1	0	39
	11:15	0	0	0	0	0	0	0	0	0	1	11	15	7	0	0	0	34
	11:30	0	0	0	0	0	0	0	0	1	2	28	15	4	0	2	0	52
	11:45	0	0	0	0	0	0	0	0	0	2	12	15	7	0	0	0	36
	12:00	0	0	0	0	0	0	0	0	0	0	16	13	2	0	1	0	32
	12:15	0	0	0	0	0	0	0	0	0	1	13	18	7	0	0	0	39

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	0	7	16	12	2	1	0	0	38
Tue	12:45	0	0	0	0	0	0	0	0	0	1	20	23	4	0	0	0	48
	13:00	0	0	0	0	0	0	0	0	0	6	27	7	5	0	0	0	45
	13:15	0	0	0	0	0	0	0	0	0	0	15	25	1	1	0	0	42
	13:30	0	0	0	0	0	0	0	0	0	1	24	19	4	1	0	0	49
	13:45	0	0	0	0	0	0	0	0	0	3	29	13	10	0	0	0	55
	14:00	0	0	0	0	0	0	0	0	0	3	16	18	6	0	0	0	43
	14:15	0	0	0	0	0	0	0	0	0	2	23	13	8	0	0	0	46
	14:30	0	0	0	0	0	0	0	0	0	4	29	22	5	0	0	0	60
	14:45	1	0	0	0	0	0	0	0	0	3	15	32	5	0	0	0	56
	15:00	0	0	0	0	0	0	0	0	0	2	23	33	8	1	0	0	67
	15:15	0	0	0	0	0	0	0	0	0	4	40	27	5	0	0	0	76
	15:30	0	0	0	0	0	0	0	0	1	2	31	26	4	1	1	0	66
	15:45	0	0	0	0	0	0	0	0	0	2	29	33	7	0	0	0	71
	16:00	1	0	0	0	0	0	0	0	1	2	33	28	10	1	0	0	76
	16:15	0	0	0	0	0	0	0	0	0	3	46	28	5	1	0	0	83
	16:30	0	0	0	0	0	0	0	0	0	5	52	32	11	2	0	0	102
	16:45	0	0	0	0	0	0	0	0	0	2	45	50	14	0	0	0	111
	17:00	0	0	0	0	0	0	0	0	0	2	42	51	18	6	1	0	120
	17:15	1	0	0	0	0	0	0	0	0	3	50	66	5	1	0	0	126
	17:30	0	0	0	0	0	0	0	0	0	6	32	46	11	3	0	0	98
	17:45	1	0	0	0	0	0	0	0	0	9	23	51	9	2	2	0	97
	18:00	0	0	0	0	0	0	0	0	0	4	29	35	8	1	1	0	78
	18:15	0	0	0	0	0	0	0	0	0	1	19	32	12	1	0	0	65
	18:30	0	0	0	0	0	0	0	0	0	1	10	12	8	1	0	0	32
	18:45	0	0	0	0	0	0	0	0	0	1	17	16	2	0	0	0	36
	19:00	0	0	0	0	0	0	0	0	0	2	7	17	4	0	2	0	32
	19:15	0	0	0	0	1	0	1	0	0	6	9	6	4	0	0	0	27
	19:30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		8	0	0	0	1	1	1	0	4	140	1240	1141	308	33	14	0	2891
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	43%	39%	11%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	1	13	12	3	0	0	0	43

Speeds - Average: 70.5 50% : 70.3 67% : 72.5 85% : 74.7 10mph Pace: 65.0 - 74.9 (82.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent :		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Average :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29

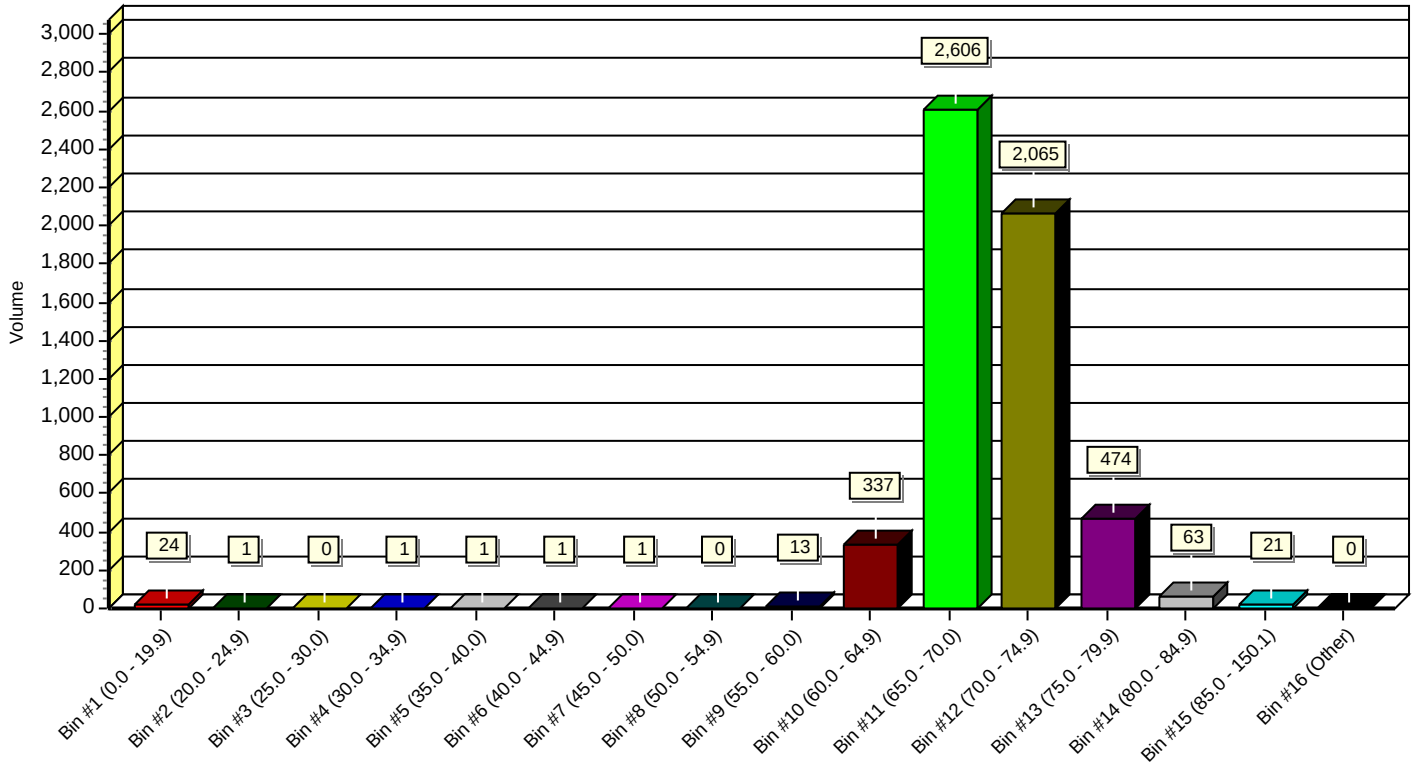
Speeds - Average: 0.0 50% : 0.0 67% : 0.0 85% : 0.0 10mph Pace: 0.0 - 9.9 (0.0%)

Basic Speed Class Summary: 2P0000556

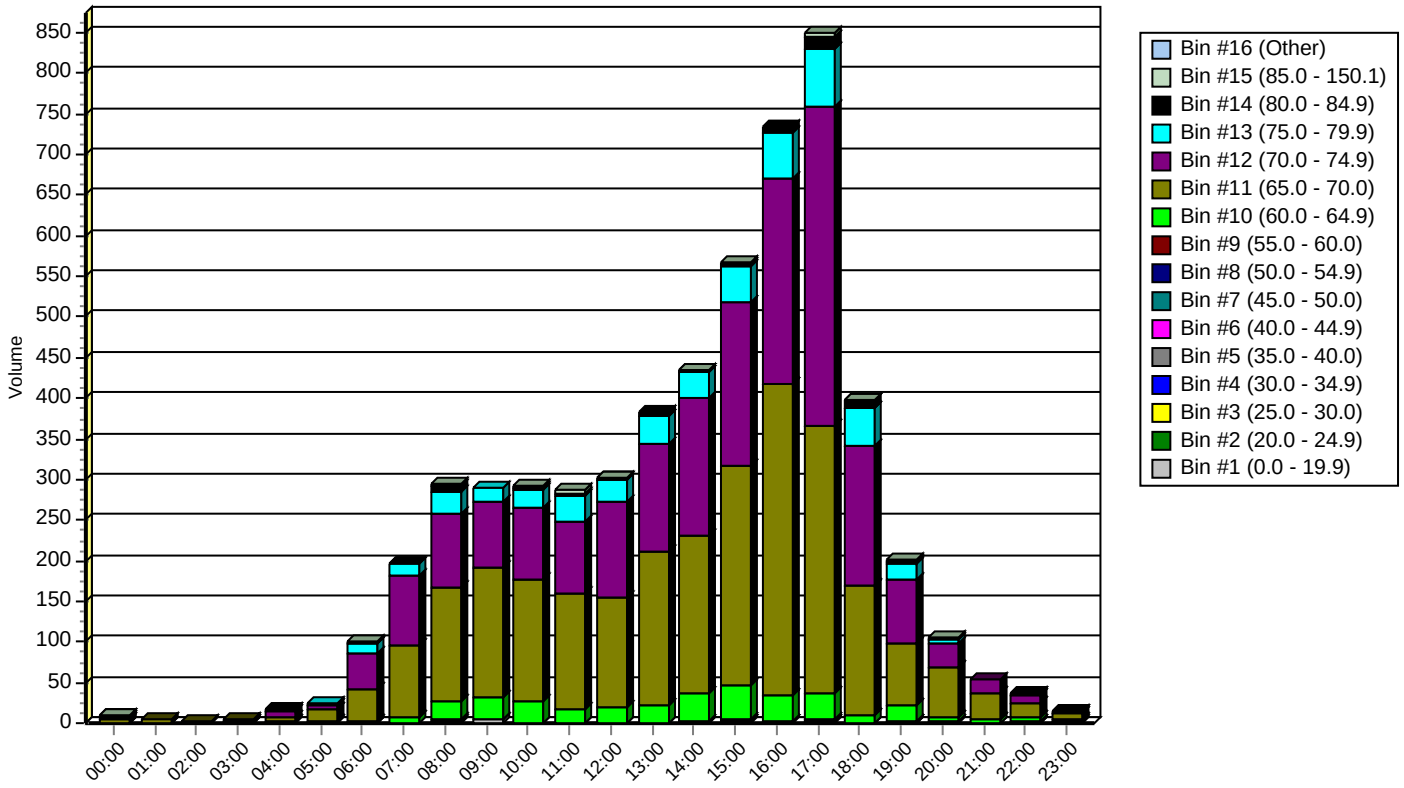
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	24	1	0	1	1	1	1	0	13	337	2606	2065	474	63	21	0	5608
		24	1	0	1	1	1	1	0	13	337	2606	2065	474	63	21	0	5608
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	46%	37%	8%	1%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	46%	37%	8%	1%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	2	13	10	2	0	0	0	27
		0	0	0	0	0	0	0	0	0	2	13	10	2	0	0	0	27
Days & ADT :	#1.	2.0	2678															
		2.0	2678															
Avg,50,67,85%:	#1.	69.9	69.7	72.0	74.4	65.0	- 74.9	83%										
		69.9	69.7	72.0	74.4	65.0	- 74.9	83%										

2P0000556 Speed Class Charts For Data From: 08:15 - 04/11/2011 To: 10:44 - 04/13/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0000556

Station ID : 4D0000556
Info Line 1 : 90994500
Info Line 2 : I90 27TH INTC
GPS Lat/Lon :
DB File : 4D0000556.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 97830
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 08:30 - 04/12/2011 To: 10:29 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	08:30	0	43	49	2	3	1	0	0	11	1	0	0	2	0	112
Tue	08:45	0	45	49	3	4	3	0	2	13	3	0	0	4	0	126
	09:00	1	24	38	0	3	3	1	2	14	2	0	1	3	1	93
	09:15	1	40	43	0	2	1	0	1	12	0	0	0	3	0	103
	09:30	0	34	35	0	0	3	0	1	11	0	0	0	4	0	88
	09:45	0	35	37	0	0	0	0	0	22	2	0	0	3	0	99
	10:00	0	33	43	0	3	3	1	0	6	3	0	0	2	0	94
	10:15	0	40	38	1	0	3	3	2	9	2	0	0	2	0	100
	10:30	0	33	51	0	1	1	0	0	16	3	0	0	5	0	110
	10:45	0	29	41	0	2	5	0	1	9	2	0	0	1	0	90
	11:00	0	33	60	0	0	2	0	1	12	2	0	0	1	0	111
	11:15	0	42	45	0	5	3	1	1	12	0	0	1	4	0	114
	11:30	0	36	48	1	0	5	0	0	13	2	0	0	3	0	108
	11:45	0	33	43	0	3	5	0	0	10	0	0	0	4	2	100
	12:00	0	40	35	2	2	2	0	2	6	4	0	0	1	1	95
	12:15	0	36	47	2	4	2	1	1	12	1	0	0	0	0	106
	12:30	0	42	46	0	3	2	0	2	12	1	0	0	5	1	114
	12:45	0	37	39	3	5	0	0	0	13	1	0	0	2	0	100
	13:00	0	33	45	1	4	4	1	2	10	1	0	0	3	0	104
	13:15	0	39	42	0	2	3	0	0	11	3	0	0	1	1	102
	13:30	0	49	46	2	3	5	0	1	7	1	0	0	1	0	115
	13:45	0	45	47	1	4	1	1	1	13	2	0	0	4	0	119
	14:00	0	32	50	1	4	4	1	2	10	2	0	0	2	0	108
	14:15	0	42	42	3	5	1	0	1	12	2	0	0	2	1	111
	14:30	0	36	34	2	2	4	0	3	16	1	0	0	2	1	101
	14:45	0	48	41	1	1	4	1	1	8	4	0	0	1	0	110
	15:00	0	31	37	1	1	3	0	3	13	4	0	0	2	1	96
	15:15	0	38	40	1	2	3	1	1	10	1	0	0	1	0	98
	15:30	2	57	60	0	3	5	0	1	11	4	0	0	0	0	143
	15:45	0	57	34	3	1	1	1	0	9	2	0	0	1	0	109
	16:00	1	61	46	3	1	0	0	0	13	2	0	1	0	0	128
	16:15	0	62	57	4	1	1	0	1	9	0	0	0	2	1	138
	16:30	1	57	55	2	1	4	0	0	5	1	0	1	3	0	130
	16:45	0	65	60	1	2	0	1	0	10	4	0	0	2	0	145

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	17:00	0	56	58	0	2	1	1	0	14	1	0	0	3	0	136
Tue	17:15	0	69	56	1	3	1	0	0	11	3	0	0	2	0	146
	17:30	1	73	59	2	4	4	1	1	5	0	0	0	2	0	152
	17:45	0	64	47	0	1	1	0	0	5	2	0	0	3	0	123
	18:00	1	62	48	0	2	0	0	1	8	0	0	1	0	0	123
	18:15	0	42	49	1	0	0	0	0	11	0	0	0	3	0	106
	18:30	0	51	43	0	2	0	0	0	3	4	0	0	2	0	105
	18:45	0	40	32	0	2	3	0	1	5	1	0	0	1	0	85
	19:00	0	26	42	0	1	0	0	0	6	0	0	0	2	0	77
	19:15	0	36	36	1	0	0	0	1	8	0	0	0	1	0	83
	19:30	0	28	32	2	0	0	0	0	7	1	0	0	2	0	72
	19:45	0	34	22	0	2	0	0	0	5	0	0	0	2	0	65
	20:00	0	36	29	1	1	0	0	2	9	0	0	0	0	1	79
	20:15	0	47	32	2	1	0	0	1	9	0	0	0	0	0	92
	20:30	0	34	21	1	0	0	0	1	7	0	0	3	1	0	68
	20:45	0	24	16	0	0	0	0	0	6	0	0	0	0	0	46
	21:00	0	25	15	0	1	0	0	0	7	0	1	0	1	0	50
	21:15	0	16	23	0	1	0	0	0	5	0	0	0	1	0	46
	21:30	0	17	14	0	1	0	0	1	0	0	0	2	1	0	36
	21:45	0	15	9	1	0	0	0	0	6	0	0	0	0	0	31
	22:00	1	18	11	1	0	0	0	0	8	0	0	0	0	0	39
	22:15	0	11	9	0	0	0	0	0	2	0	0	0	0	0	22
	22:30	0	12	14	0	2	0	0	0	6	0	0	0	1	1	36
	22:45	0	12	4	0	0	0	0	0	1	0	0	0	2	0	19
	23:00	0	7	9	0	0	0	0	0	7	0	0	0	0	0	23
	23:15	0	10	6	0	0	0	0	0	2	0	0	0	1	0	19
	23:30	0	11	7	0	0	0	0	0	5	0	0	0	0	0	23
	23:45	0	7	6	1	0	0	0	0	1	2	1	0	0	0	18
Daily Total :		9	2290	2272	54	103	97	16	42	549	77	2	10	107	12	5640
Percent :		0%	41%	40%	1%	2%	2%	0%	1%	10%	1%	0%	0%	2%	0%	
Average :		0	37	37	1	2	2	0	1	9	1	0	0	2	0	92

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	7	2	0	0	0	0	0	1	1	0	0	0	0	11
Wed	00:15	0	5	5	0	0	0	0	0	3	1	0	2	0	0	16
	00:30	0	4	5	0	0	0	0	0	1	1	0	0	0	0	11
	00:45	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
	01:00	0	3	3	0	0	1	0	0	1	2	0	0	0	0	10
	01:15	0	3	5	0	0	0	0	0	2	0	0	0	1	0	11
	01:30	0	3	3	0	0	0	0	1	4	0	0	0	0	0	11
	01:45	0	3	3	0	0	0	0	0	4	0	0	0	1	0	11
	02:00	0	1	5	0	0	1	0	0	2	0	0	0	0	0	9
	02:15	0	4	2	0	0	0	0	0	2	1	0	0	0	0	9
	02:30	0	0	0	0	1	0	0	0	5	0	0	0	1	0	7
	02:45	0	1	1	0	0	0	0	0	2	0	0	0	2	0	6
	03:00	0	1	1	0	0	0	0	0	4	0	0	0	0	0	6
	03:15	0	3	2	0	0	0	0	0	7	0	0	0	2	0	14
	03:30	0	7	3	0	0	0	0	0	8	1	0	0	0	0	19
	03:45	0	5	3	0	1	0	0	0	4	0	0	0	2	0	15
	04:00	0	6	6	1	0	0	0	0	4	0	0	0	1	0	18
	04:15	0	4	10	0	0	0	0	0	5	0	0	0	0	0	19
	04:30	0	12	8	0	0	0	0	0	4	0	0	0	0	1	25
	04:45	0	11	8	0	0	0	0	0	6	0	0	1	1	0	27
	05:00	0	16	10	0	0	0	0	0	4	2	0	0	0	0	32
	05:15	0	16	16	0	2	0	0	0	4	0	0	0	1	0	39
	05:30	0	21	22	1	0	0	0	1	11	0	0	0	2	0	58
	05:45	0	32	28	1	0	0	0	0	7	0	0	0	1	0	69
	06:00	0	20	24	0	0	1	0	0	9	1	0	0	2	0	57
	06:15	0	36	40	0	0	0	0	1	2	2	0	0	2	0	83
	06:30	0	57	47	1	1	1	0	1	5	0	0	0	2	0	115
	06:45	0	58	47	2	1	2	0	0	11	2	0	1	1	0	125
	07:00	0	59	47	0	1	1	0	0	12	1	0	0	3	1	125
	07:15	0	68	63	2	1	2	0	1	9	0	0	0	0	0	146
	07:30	2	96	67	2	2	2	0	1	13	2	0	1	0	0	188
	07:45	1	94	56	4	0	1	0	0	14	2	0	0	1	0	173
	08:00	1	60	40	1	4	2	0	2	16	1	0	0	4	0	131
	08:15	0	58	57	2	4	0	0	0	8	2	0	1	2	0	134
	08:30	0	53	53	4	2	0	1	0	8	3	0	0	4	0	128
	08:45	0	43	39	2	3	0	0	0	14	1	0	0	4	0	106
	09:00	0	39	40	1	2	3	0	0	15	1	0	0	3	0	104
	09:15	0	42	38	0	1	4	0	1	10	4	0	1	3	1	105
	09:30	0	33	37	1	4	2	0	1	17	2	0	0	3	0	100
	09:45	0	50	40	1	1	1	0	0	12	2	0	0	3	0	110
	10:00	1	31	50	3	2	3	0	1	8	4	0	0	3	0	106
	10:15	0	43	46	0	1	2	0	2	15	4	0	0	3	0	116
	10:30	0	34	52	2	0	2	0	1	12	2	0	0	1	1	107
	10:45	1	53	53	1	0	3	0	0	11	0	0	0	1	0	123
	11:00	0	36	47	3	2	1	0	1	15	1	0	1	1	0	108
	11:15	1	35	53	0	1	3	0	0	11	1	0	0	1	0	106
	11:30	0	33	50	1	3	0	0	1	13	3	0	0	2	0	106
	11:45	0	44	40	1	0	1	0	3	18	3	0	0	0	0	110
	12:00	0	41	42	1	1	2	0	1	13	0	0	0	3	0	104
	12:15	1	36	53	2	4	1	0	1	13	0	0	0	2	2	115

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	1	42	47	1	1	2	0	1	10	1	0	0	0	0	106
Wed	12:45	1	46	41	2	1	2	1	0	18	1	0	0	2	0	115
	13:00	0	47	45	3	4	0	0	0	10	1	0	1	3	0	114
	13:15	0	52	40	2	2	0	0	1	8	3	0	0	5	0	113
	13:30	1	47	49	0	4	2	0	0	11	2	0	0	1	0	117
	13:45	0	46	54	1	2	2	0	1	11	2	0	0	3	0	122
	14:00	0	34	48	0	2	0	1	1	9	3	0	0	0	1	99
	14:15	0	49	42	0	1	3	0	1	12	2	0	0	3	0	113
	14:30	0	44	46	2	2	3	0	1	9	4	0	0	0	0	111
	14:45	0	39	42	1	0	3	1	1	11	1	0	0	3	0	102
	15:00	1	53	57	1	2	3	0	1	11	1	0	0	1	0	131
	15:15	1	65	48	1	2	1	0	0	12	3	0	0	3	1	137
	15:30	0	59	36	2	0	3	0	1	14	0	0	0	0	0	115
	15:45	2	45	53	1	2	1	0	1	12	4	0	0	2	0	123
	16:00	0	58	54	2	0	1	0	1	3	4	0	0	1	0	124
	16:15	0	61	48	2	3	3	0	0	14	2	0	0	1	0	134
	16:30	0	57	62	0	1	0	0	1	13	3	0	0	3	0	140
	16:45	1	55	53	0	1	3	1	0	10	2	0	0	2	0	128
	17:00	0	67	63	0	3	2	0	1	8	1	0	0	1	0	146
	17:15	0	74	53	1	2	1	0	0	12	1	0	0	3	0	147
	17:30	0	54	61	1	3	1	0	1	15	1	0	0	1	0	138
	17:45	0	63	58	1	4	0	0	1	8	1	0	1	3	0	140
	18:00	0	53	51	2	1	0	0	0	9	0	0	0	0	0	116
	18:15	0	51	62	0	0	3	0	0	9	1	0	0	0	0	126
	18:30	0	48	38	1	1	0	0	1	12	0	0	0	0	0	101
	18:45	0	44	41	0	3	2	0	1	8	1	0	1	0	0	101
	19:00	0	41	30	0	0	1	0	0	9	1	0	1	1	0	84
	19:15	0	29	35	0	0	0	0	1	8	3	0	0	4	0	80
	19:30	1	24	22	0	0	0	0	0	9	2	0	0	1	0	59
	19:45	0	32	11	0	0	0	0	0	8	0	0	0	1	0	52
	20:00	0	21	25	0	1	1	0	0	8	1	1	0	1	0	59
	20:15	0	27	24	0	0	0	0	1	10	0	0	0	1	1	64
	20:30	0	20	17	0	0	0	0	0	7	0	0	1	0	0	45
	20:45	1	25	19	1	1	0	0	0	7	0	1	0	1	0	56
	21:00	0	16	17	0	0	0	0	0	7	0	0	0	1	0	41
	21:15	0	23	14	0	0	0	0	0	3	0	0	1	1	0	42
	21:30	1	23	14	1	1	0	0	1	7	0	0	2	0	1	51
	21:45	0	13	8	0	0	0	0	0	5	0	0	0	0	0	26
	22:00	0	8	9	0	0	0	0	0	5	0	0	1	3	0	26
	22:15	0	15	3	0	0	0	0	0	6	0	0	1	1	0	26
	22:30	0	21	4	0	0	1	0	0	3	0	0	0	1	1	31
	22:45	0	10	7	0	0	0	0	0	4	0	0	0	0	0	21
	23:00	0	3	5	0	0	0	0	0	5	0	0	0	1	0	14
	23:15	0	4	6	0	1	1	0	0	3	0	0	0	0	0	15
	23:30	0	5	5	0	0	0	0	0	1	0	0	0	0	0	11
	23:45	0	4	7	0	0	0	0	0	6	1	0	0	0	0	18
Daily Total :		19	3141	2948	69	96	87	5	41	800	106	2	18	128	11	7471
	Percent :	0%	42%	39%	1%	1%	1%	0%	1%	11%	1%	0%	0%	2%	0%	
	Average :	0	33	31	1	1	1	0	0	8	1	0	0	1	0	77

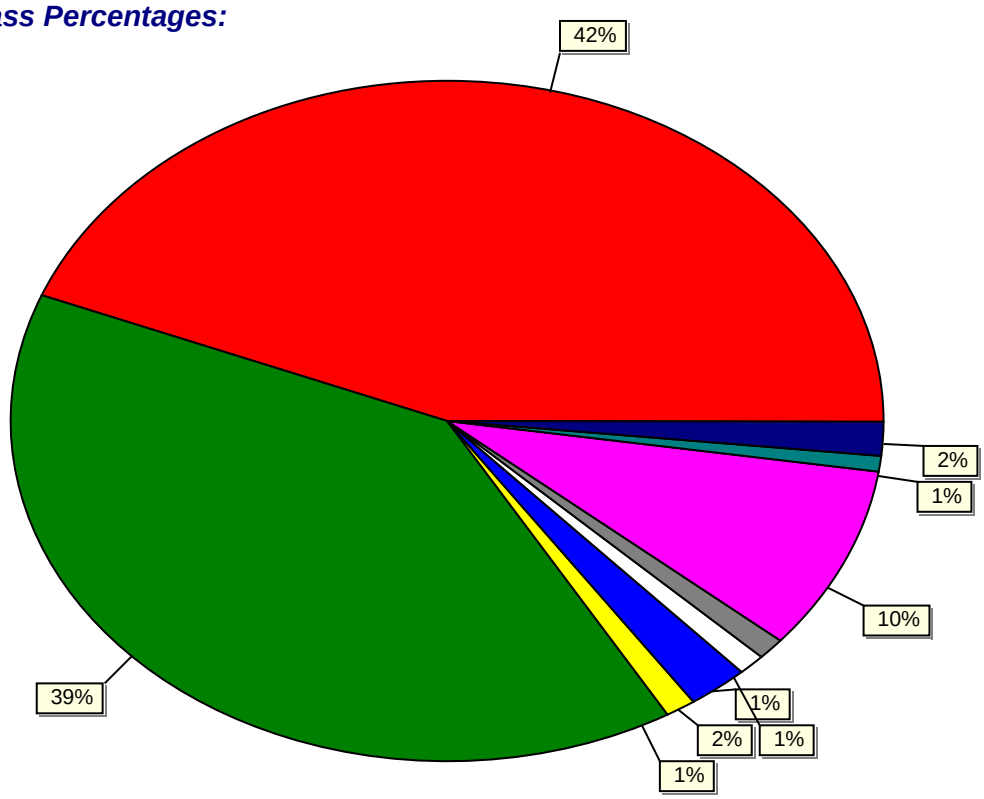
Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	8	4	0	0	1	0	0	2	2	1	1	1	0	20
Thu	00:15	0	4	2	0	1	0	0	0	4	0	0	0	1	0	12
	00:30	0	7	1	0	0	0	0	0	5	0	0	0	0	0	13
	00:45	0	6	3	0	0	0	0	0	2	0	0	1	1	0	13
	01:00	0	1	3	1	0	0	0	0	2	0	0	0	1	1	9
	01:15	1	3	3	0	0	0	0	0	1	0	0	0	0	0	8
	01:30	0	4	5	0	0	0	0	0	3	0	0	0	0	0	12
	01:45	0	5	4	0	0	1	0	0	3	0	0	0	0	0	13
	02:00	0	3	4	0	0	0	0	1	2	1	0	0	0	0	11
	02:15	0	4	2	0	0	0	0	0	2	0	0	0	1	0	9
	02:30	0	0	1	0	0	0	0	1	3	0	0	0	0	0	5
	02:45	0	1	3	0	1	0	0	0	2	0	0	0	0	0	7
	03:00	0	3	1	0	0	0	0	0	2	0	0	0	2	0	8
	03:15	0	5	2	0	0	0	0	0	5	0	0	0	0	0	12
	03:30	0	2	2	0	1	0	0	0	7	0	0	0	1	0	13
	03:45	0	3	4	0	0	0	0	0	1	0	0	0	1	0	9
	04:00	0	7	2	0	0	0	0	0	4	0	0	0	1	0	14
	04:15	0	4	4	0	0	0	0	0	4	0	0	1	0	0	13
	04:30	0	9	6	0	0	0	0	0	1	0	0	0	3	0	19
	04:45	0	12	10	0	0	0	0	0	3	0	0	0	0	0	25
	05:00	1	7	9	0	0	0	0	0	7	0	0	0	2	0	26
	05:15	0	25	15	0	1	0	1	0	8	0	0	0	1	1	52
	05:30	0	20	19	0	0	1	0	0	11	2	0	0	2	0	55
	05:45	0	27	10	0	1	1	0	0	8	0	0	0	1	0	48
	06:00	0	23	22	0	0	0	0	0	9	0	0	0	2	0	56
	06:15	0	38	40	1	0	0	0	0	9	0	0	0	1	0	89
	06:30	0	47	43	2	1	0	0	0	13	1	0	0	4	0	111
	06:45	0	71	49	1	1	1	0	0	7	0	0	0	1	1	132
	07:00	0	49	45	2	2	1	0	1	9	0	0	1	3	0	113
	07:15	0	65	60	1	0	0	0	0	13	0	0	0	0	0	139
	07:30	0	82	57	1	2	2	0	0	10	1	0	1	5	0	161
	07:45	0	78	50	1	2	2	0	1	15	3	0	0	2	0	154
	08:00	0	64	48	0	0	0	0	0	7	2	0	0	3	0	124
	08:15	1	49	54	4	2	3	0	2	8	0	0	0	1	0	124
	08:30	0	51	38	1	4	3	0	0	14	1	0	0	3	0	115
	08:45	0	39	39	1	3	2	0	1	14	1	0	1	6	0	107
	09:00	0	38	35	1	2	1	1	0	12	2	0	0	5	0	97
	09:15	0	36	35	0	2	0	0	1	11	1	0	0	4	0	90
	09:30	0	39	46	1	2	4	0	2	12	1	0	0	4	0	111
	09:45	0	36	54	1	2	0	0	1	9	2	0	0	2	0	107
	10:00	0	37	39	1	3	2	0	0	9	0	0	0	1	0	92
Daily Total :		3	1012	873	20	33	25	2	11	273	20	1	6	66	3	2348
Percent :		0%	43%	37%	1%	1%	1%	0%	0%	12%	1%	0%	0%	3%	0%	
Average :		0	25	21	0	1	1	0	0	7	0	0	0	2	0	57

Basic Axle Class Summary: 4D0000556

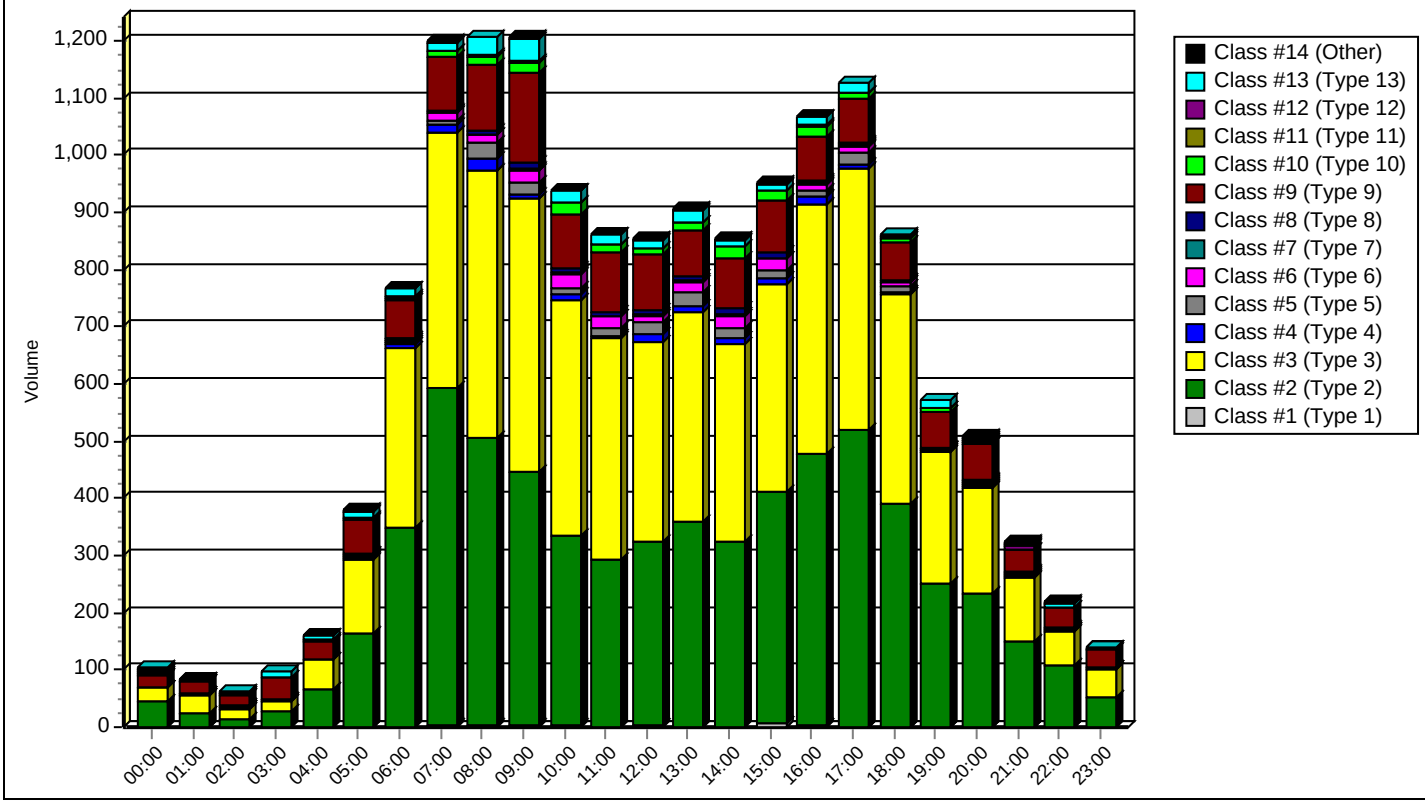
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	31	6443	6093	143	232	209	23	94	1622	203	5	34	301	26	15459
		31	6443	6093	143	232	209	23	94	1622	203	5	34	301	26	15459
Percents :	#1.	0%	42%	39%	1%	2%	1%	0%	1%	10%	1%	0%	0%	2%	0%	100%
		0%	42%	39%	1%	2%	1%	0%	1%	10%	1%	0%	0%	2%	0%	
Average :	#1.	0	32	31	1	1	1	0	0	8	1	0	0	2	0	77
		0	32	31	1	1	1	0	0	8	1	0	0	2	0	77
Days & ADT :	#1.	2.0	7457													
		2.0	7457													

4D0000556 Axle Class Charts For Data From: 08:30 - 04/12/2011 To: 10:29 - 04/14/2011

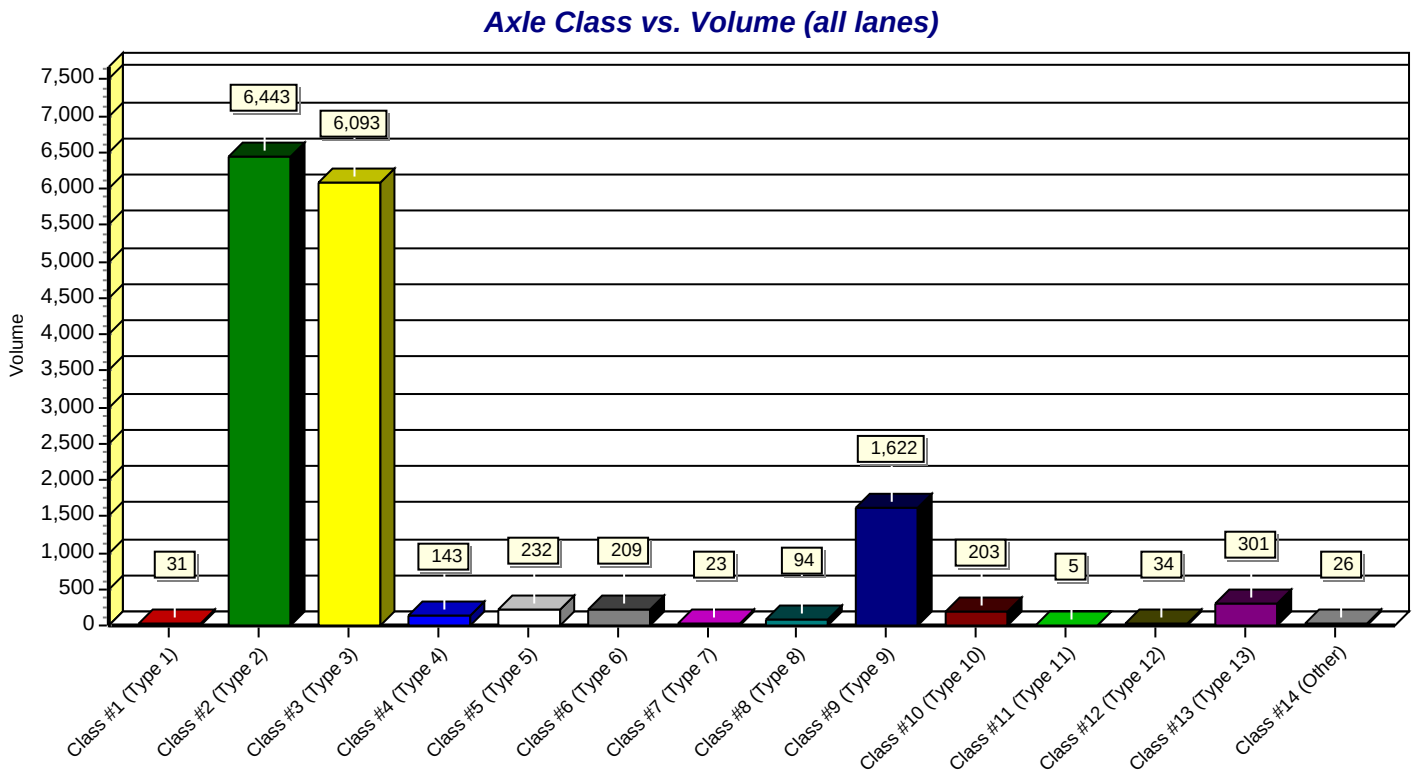
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0000556 Axle Class Charts For Data From: 08:30 - 04/12/2011 To: 10:29 - 04/14/2011



Basic Speed Classification Report: 4D0000556

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 08:30 - 04/12/2011 To: 10:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	08:30	0	0	0	0	0	0	1	0	2	18	61	27	3	0	0	0	112
Tue	08:45	0	0	0	0	0	0	0	1	7	27	61	26	4	0	0	0	126
	09:00	0	0	0	0	0	0	0	0	4	20	48	20	1	0	0	0	93
	09:15	0	0	0	0	0	0	0	1	7	12	60	21	2	0	0	0	103
	09:30	0	0	0	0	0	0	0	0	5	15	42	18	7	1	0	0	88
	09:45	1	0	0	0	0	0	0	0	1	19	56	20	2	0	0	0	99
	10:00	0	0	0	0	0	0	1	2	4	17	53	16	1	0	0	0	94
	10:15	0	0	0	0	0	0	0	1	2	22	59	15	1	0	0	0	100
	10:30	0	0	0	0	0	0	0	3	2	18	52	26	9	0	0	0	110
	10:45	0	0	0	0	0	0	1	0	3	24	50	12	0	0	0	0	90
	11:00	0	0	0	0	0	0	0	0	4	16	61	25	3	2	0	0	111
	11:15	0	0	0	0	0	0	0	0	6	26	56	22	4	0	0	0	114
	11:30	0	0	0	0	0	0	0	0	4	24	54	21	5	0	0	0	108
	11:45	0	0	0	0	0	0	0	0	6	28	45	19	1	1	0	0	100
	12:00	0	0	0	0	0	0	0	2	4	21	47	16	4	1	0	0	95
	12:15	0	0	0	0	0	0	0	2	7	27	50	18	2	0	0	0	106
	12:30	0	0	0	0	0	0	0	1	5	23	61	21	3	0	0	0	114
	12:45	0	0	0	0	0	0	0	0	2	31	48	17	2	0	0	0	100
	13:00	1	0	0	0	0	0	0	1	3	21	49	27	2	0	0	0	104
	13:15	0	0	0	0	0	0	0	0	5	31	53	12	0	1	0	0	102
	13:30	0	0	0	0	0	0	0	0	10	31	53	20	1	0	0	0	115
	13:45	0	0	0	0	0	0	0	0	3	39	55	19	2	1	0	0	119
	14:00	0	0	0	0	0	0	1	0	5	20	61	20	1	0	0	0	108
	14:15	0	0	0	0	0	0	0	1	5	32	55	18	0	0	0	0	111
	14:30	0	0	0	0	0	0	1	0	4	27	50	17	2	0	0	0	101
	14:45	0	0	0	0	0	0	0	0	3	17	55	32	3	0	0	0	110
	15:00	0	0	0	0	0	0	0	0	4	23	52	15	2	0	0	0	96
	15:15	0	0	0	0	0	0	0	0	4	22	51	19	2	0	0	0	98
	15:30	0	0	0	0	0	0	1	1	6	32	67	30	6	0	0	0	143
	15:45	0	0	0	0	0	0	0	0	5	25	56	19	3	1	0	0	109
	16:00	0	0	0	0	0	0	0	0	3	17	72	31	5	0	0	0	128
	16:15	0	0	0	0	0	0	0	1	7	23	58	37	9	3	0	0	138
	16:30	0	0	0	0	0	0	0	0	3	20	76	27	4	0	0	0	130
	16:45	0	0	0	0	0	0	0	0	1	29	85	29	1	0	0	0	145
	17:00	0	0	0	0	0	0	0	3	1	28	80	21	2	0	1	0	136
	17:15	0	0	0	0	0	0	0	0	6	33	78	28	1	0	0	0	146
	17:30	0	0	0	0	0	0	0	0	3	20	87	37	4	1	0	0	152
	17:45	0	0	0	0	0	0	0	1	1	21	62	35	3	0	0	0	123
	18:00	0	0	0	0	0	0	0	0	2	24	58	36	3	0	0	0	123
	18:15	0	0	0	0	0	0	0	0	1	23	62	19	1	0	0	0	106

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	18:30	0	0	0	0	0	0	0	0	4	13	56	28	3	1	0	0	105
Tue	18:45	0	0	0	0	0	0	0	0	1	16	43	23	2	0	0	0	85
	19:00	0	0	0	0	0	0	0	0	1	13	50	12	1	0	0	0	77
	19:15	0	0	0	0	0	0	0	0	1	16	47	17	2	0	0	0	83
	19:30	0	0	0	0	0	0	0	0	2	15	37	16	1	1	0	0	72
	19:45	0	0	0	0	0	0	0	0	4	18	31	12	0	0	0	0	65
	20:00	0	0	0	0	0	0	0	0	3	21	34	20	1	0	0	0	79
	20:15	0	0	0	0	0	0	0	1	6	13	56	16	0	0	0	0	92
	20:30	0	0	0	0	0	0	0	3	3	17	36	8	0	1	0	0	68
	20:45	0	0	0	0	0	0	0	0	3	13	20	9	1	0	0	0	46
	21:00	0	0	0	0	0	0	0	1	3	13	27	4	2	0	0	0	50
	21:15	0	0	0	0	0	0	0	0	2	14	20	9	1	0	0	0	46
	21:30	0	0	0	0	0	0	0	3	4	7	17	5	0	0	0	0	36
	21:45	0	0	0	0	0	0	0	0	2	6	17	5	1	0	0	0	31
	22:00	1	0	0	0	0	0	0	2	4	10	21	1	0	0	0	0	39
	22:15	0	0	0	0	0	0	0	0	0	6	12	3	1	0	0	0	22
	22:30	0	0	0	0	0	0	0	2	1	10	14	8	1	0	0	0	36
	22:45	0	0	0	0	0	0	0	1	0	4	12	2	0	0	0	0	19
	23:00	0	0	0	0	0	0	0	0	0	5	15	3	0	0	0	0	23
	23:15	0	0	0	0	0	0	0	0	0	2	13	3	1	0	0	0	19
	23:30	0	0	0	0	0	0	0	1	3	3	14	2	0	0	0	0	23
	23:45	0	0	0	0	0	0	0	0	2	4	7	4	0	1	0	0	18
Daily Total :		3	0	0	0	0	0	6	35	209	1185	2938	1118	129	16	1	0	5640
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	4%	21%	52%	20%	2%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	1	3	19	47	18	2	0	0	0	77

Speeds - Average: 67.2 50% : 67.4 67% : 69.0 85% : 72.0 10mph Pace: 60.1 - 70.0 (73.1%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	4	4	3	0	0	0	0	11
Wed	00:15	0	0	0	0	0	0	0	0	0	3	9	3	1	0	0	0	16
	00:30	0	0	0	0	0	0	0	1	0	5	5	0	0	0	0	0	11
	00:45	0	0	0	0	0	0	0	0	1	1	5	0	0	0	0	0	7
	01:00	0	0	0	0	0	0	0	1	1	1	3	3	1	0	0	0	10
	01:15	0	0	0	0	0	0	0	1	1	2	5	1	0	1	0	0	11
	01:30	0	0	0	0	0	0	0	0	0	5	6	0	0	0	0	0	11
	01:45	0	0	0	0	0	0	0	0	0	3	7	1	0	0	0	0	11
	02:00	0	0	0	0	0	0	0	0	2	0	7	0	0	0	0	0	9
	02:15	0	0	0	0	0	0	0	1	1	3	1	3	0	0	0	0	9
	02:30	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	7
	02:45	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	1	0	5	0	0	0	0	0	6
	03:15	0	0	0	0	0	0	0	0	2	4	8	0	0	0	0	0	14
	03:30	0	0	0	0	0	0	0	0	2	8	8	1	0	0	0	0	19
	03:45	0	0	0	0	0	0	0	1	2	3	7	0	2	0	0	0	15
	04:00	0	0	0	0	0	0	0	0	1	2	15	0	0	0	0	0	18
	04:15	0	0	0	0	0	0	0	0	2	3	8	6	0	0	0	0	19
	04:30	0	0	0	0	0	0	0	0	2	7	13	3	0	0	0	0	25
	04:45	0	0	0	0	0	0	0	0	1	9	14	3	0	0	0	0	27
	05:00	0	0	0	0	0	0	1	1	0	8	14	5	3	0	0	0	32
	05:15	0	0	0	0	0	0	0	0	1	8	15	14	1	0	0	0	39
	05:30	0	0	0	0	0	0	0	0	0	10	37	9	2	0	0	0	58
	05:45	0	0	0	0	0	0	0	0	4	8	31	21	5	0	0	0	69
	06:00	0	0	0	0	0	0	0	1	9	9	25	11	2	0	0	0	57
	06:15	0	0	0	0	0	0	0	1	4	19	38	18	3	0	0	0	83
	06:30	0	0	0	0	0	0	0	1	2	17	57	34	4	0	0	0	115
	06:45	0	0	0	0	0	0	0	0	1	21	54	41	7	1	0	0	125
	07:00	0	0	0	0	0	0	0	2	4	29	54	30	6	0	0	0	125
	07:15	0	0	0	0	0	0	0	0	2	20	75	45	4	0	0	0	146
	07:30	0	0	0	0	0	0	0	0	2	30	106	41	8	0	1	0	188
	07:45	0	0	0	0	0	0	0	0	8	23	77	57	7	1	0	0	173
	08:00	1	0	0	0	0	0	0	0	2	31	62	30	2	2	1	0	131
	08:15	0	0	0	0	0	0	0	0	5	28	68	30	3	0	0	0	134
	08:30	0	0	0	0	0	0	0	3	7	27	60	28	3	0	0	0	128
	08:45	0	0	0	0	0	0	0	1	1	27	46	26	3	2	0	0	106
	09:00	0	0	0	0	1	0	0	2	3	28	53	15	2	0	0	0	104
	09:15	0	0	0	0	0	0	0	1	2	34	55	8	3	2	0	0	105
	09:30	0	0	0	0	0	0	0	1	3	21	53	21	1	0	0	0	100
	09:45	0	0	0	0	0	0	0	0	7	21	60	21	1	0	0	0	110
	10:00	0	0	0	0	0	0	0	0	2	35	47	18	3	1	0	0	106
	10:15	0	0	0	0	0	0	0	1	2	19	71	18	3	2	0	0	116
	10:30	0	0	0	0	0	0	0	1	5	31	54	16	0	0	0	0	107
	10:45	0	0	0	0	0	0	0	0	8	19	71	21	4	0	0	0	123
	11:00	0	0	0	0	0	0	0	0	3	32	53	20	0	0	0	0	108
	11:15	0	0	0	0	0	0	0	0	6	14	53	30	2	1	0	0	106
	11:30	0	0	0	0	0	0	0	0	10	41	48	6	1	0	0	0	106
	11:45	0	0	0	0	0	0	0	0	3	30	62	14	1	0	0	0	110
	12:00	0	0	0	0	0	0	0	0	7	29	51	15	1	1	0	0	104
	12:15	0	0	0	0	0	0	0	0	5	24	56	25	4	1	0	0	115

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	1	8	29	49	17	1	1	0	0	106
Wed	12:45	0	0	0	0	0	0	0	1	4	30	65	12	3	0	0	0	115
	13:00	0	0	0	0	0	0	1	0	14	29	49	20	1	0	0	0	114
	13:15	0	0	0	0	0	0	1	0	6	28	52	25	1	0	0	0	113
	13:30	0	0	0	0	0	0	0	0	3	22	63	27	2	0	0	0	117
	13:45	0	0	0	0	0	0	0	0	5	34	64	18	1	0	0	0	122
	14:00	0	0	0	0	0	0	0	0	5	25	50	16	2	1	0	0	99
	14:15	0	0	0	0	0	0	0	0	3	28	62	19	1	0	0	0	113
	14:30	0	0	0	0	0	0	0	3	6	25	53	21	3	0	0	0	111
	14:45	0	0	0	0	0	0	0	0	6	29	47	17	3	0	0	0	102
	15:00	0	0	0	0	0	0	0	1	7	28	59	35	1	0	0	0	131
	15:15	0	0	0	0	0	0	0	0	2	29	71	32	3	0	0	0	137
	15:30	0	0	0	0	0	0	0	1	6	31	53	24	0	0	0	0	115
	15:45	0	0	0	0	0	0	0	0	5	38	48	29	3	0	0	0	123
	16:00	0	0	0	0	0	0	0	1	6	27	69	18	3	0	0	0	124
	16:15	0	0	0	0	0	0	0	3	1	37	66	23	4	0	0	0	134
	16:30	0	0	0	0	0	0	0	4	7	23	75	25	6	0	0	0	140
	16:45	0	0	0	0	0	0	0	1	4	29	69	21	4	0	0	0	128
	17:00	0	0	0	0	0	0	0	1	4	25	87	24	4	1	0	0	146
	17:15	0	0	0	0	0	0	0	0	10	21	86	26	4	0	0	0	147
	17:30	1	0	0	0	0	0	0	1	0	25	76	31	4	0	0	0	138
	17:45	0	0	0	0	0	0	0	0	4	24	72	34	4	2	0	0	140
	18:00	0	0	0	0	0	0	0	1	6	17	68	21	3	0	0	0	116
	18:15	0	0	0	0	0	0	0	1	8	26	67	21	3	0	0	0	126
	18:30	0	0	0	0	0	0	0	3	4	22	55	15	2	0	0	0	101
	18:45	0	0	0	0	0	0	1	1	3	23	52	20	1	0	0	0	101
	19:00	0	0	0	0	0	0	0	0	1	16	47	20	0	0	0	0	84
	19:15	0	0	0	0	0	0	0	1	0	22	41	16	0	0	0	0	80
	19:30	0	0	0	0	0	0	0	3	4	18	26	8	0	0	0	0	59
	19:45	0	0	0	0	0	0	0	1	3	12	28	8	0	0	0	0	52
	20:00	0	0	0	0	0	0	0	1	3	14	33	8	0	0	0	0	59
	20:15	0	0	0	0	0	0	0	1	10	24	25	4	0	0	0	0	64
	20:30	0	0	0	0	0	0	0	1	6	16	13	9	0	0	0	0	45
	20:45	1	0	0	0	0	0	1	2	2	25	18	6	1	0	0	0	56
	21:00	0	0	0	0	0	0	0	1	4	13	14	7	2	0	0	0	41
	21:15	0	0	0	0	0	1	0	0	4	10	18	6	3	0	0	0	42
	21:30	1	0	0	0	0	0	0	2	4	15	25	3	1	0	0	0	51
	21:45	0	0	0	0	1	0	0	1	6	1	15	2	0	0	0	0	26
	22:00	0	0	0	0	0	0	0	3	4	13	6	0	0	0	0	0	26
	22:15	0	0	0	0	0	0	0	0	4	9	12	1	0	0	0	0	26
	22:30	0	0	0	0	0	0	1	3	3	8	15	1	0	0	0	0	31
	22:45	0	0	0	0	0	0	0	1	1	3	10	5	0	1	0	0	21
	23:00	0	0	0	0	0	0	0	0	1	3	7	3	0	0	0	0	14
	23:15	0	0	0	0	0	0	0	0	1	6	7	1	0	0	0	0	15
	23:30	0	0	0	0	0	0	0	0	1	1	6	2	1	0	0	0	11
	23:45	0	0	0	0	0	0	0	1	2	5	8	2	0	0	0	0	18

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	0	0	0	2	1	6	67	338	1700	3744	1418	168	21	2	0	7471
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	5%	23%	50%	19%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	4	18	39	15	2	0	0	0	90

Speeds - Average: 66.9 50% : 67.2 67% : 68.9 85% : 71.8 10mph Pace: 60.1 - 70.0 (72.9%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	1	9	8	0	2	0	0	0	20
Thu	00:15	0	0	0	0	0	0	0	0	1	5	4	1	1	0	0	0	12
	00:30	0	0	0	0	0	0	0	0	0	5	7	1	0	0	0	0	13
	00:45	0	0	0	0	0	0	0	0	3	4	5	1	0	0	0	0	13
	01:00	0	0	0	0	0	0	0	1	1	3	2	2	0	0	0	0	9
	01:15	1	0	0	0	0	0	0	0	2	3	1	1	0	0	0	0	8
	01:30	0	0	0	0	0	0	0	0	0	1	6	4	0	1	0	0	12
	01:45	0	0	0	0	0	0	0	1	0	2	8	2	0	0	0	0	13
	02:00	0	0	0	0	0	0	0	0	1	2	8	0	0	0	0	0	11
	02:15	0	0	0	0	0	0	0	0	0	3	5	1	0	0	0	0	9
	02:30	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	5
	02:45	0	0	0	0	0	0	0	0	1	2	2	2	0	0	0	0	7
	03:00	0	0	0	0	0	0	0	1	0	1	5	0	1	0	0	0	8
	03:15	0	0	0	0	0	0	0	0	0	2	9	1	0	0	0	0	12
	03:30	0	0	0	0	0	0	1	0	2	7	2	1	0	0	0	0	13
	03:45	0	0	0	0	0	0	0	1	0	3	3	1	1	0	0	0	9
	04:00	0	0	0	0	0	0	0	0	1	2	8	3	0	0	0	0	14
	04:15	0	0	0	0	0	0	0	1	1	3	7	1	0	0	0	0	13
	04:30	0	0	0	0	0	0	0	2	1	4	10	2	0	0	0	0	19
	04:45	0	0	0	0	0	0	1	1	4	12	5	2	0	0	0	0	25
	05:00	0	0	0	0	0	0	0	0	5	8	10	1	1	0	1	0	26
	05:15	0	0	0	0	0	0	0	1	6	14	23	8	0	0	0	0	52
	05:30	0	0	0	0	0	0	0	3	6	18	20	5	2	1	0	0	55
	05:45	0	0	0	0	0	0	0	0	8	15	21	3	0	0	1	0	48
	06:00	0	0	0	0	0	0	0	2	5	18	22	7	2	0	0	0	56
	06:15	0	0	0	0	0	0	0	1	9	22	32	22	3	0	0	0	89
	06:30	0	0	0	0	0	0	0	2	0	29	60	18	2	0	0	0	111
	06:45	0	0	0	0	0	0	0	0	3	22	61	34	11	0	1	0	132
	07:00	0	0	0	0	0	0	0	1	5	17	47	38	5	0	0	0	113
	07:15	0	0	0	0	0	0	0	0	2	34	72	28	3	0	0	0	139
	07:30	0	0	0	0	0	0	0	0	8	26	89	34	4	0	0	0	161
	07:45	0	0	0	0	0	0	0	1	9	41	65	35	3	0	0	0	154
	08:00	0	0	0	0	0	0	0	0	3	26	61	32	2	0	0	0	124
	08:15	0	0	0	0	0	0	0	1	4	29	61	27	2	0	0	0	124
	08:30	1	0	0	0	0	0	0	1	1	33	50	26	3	0	0	0	115
	08:45	0	0	0	0	0	0	0	1	3	25	56	20	2	0	0	0	107
	09:00	0	0	0	0	0	0	0	0	3	26	56	10	2	0	0	0	97
	09:15	0	0	0	0	0	0	0	0	3	16	52	16	3	0	0	0	90
	09:30	0	0	0	0	0	0	1	0	8	29	54	15	3	1	0	0	111
	09:45	0	0	0	0	0	0	0	2	13	25	54	13	0	0	0	0	107
	10:00	0	0	0	0	0	0	0	2	3	13	50	18	6	0	0	0	92
Daily Total :		2	0	0	0	0	0	3	26	127	561	1123	436	64	3	3	0	2348
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	5%	24%	48%	19%	3%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	3	14	27	11	2	0	0	0	79

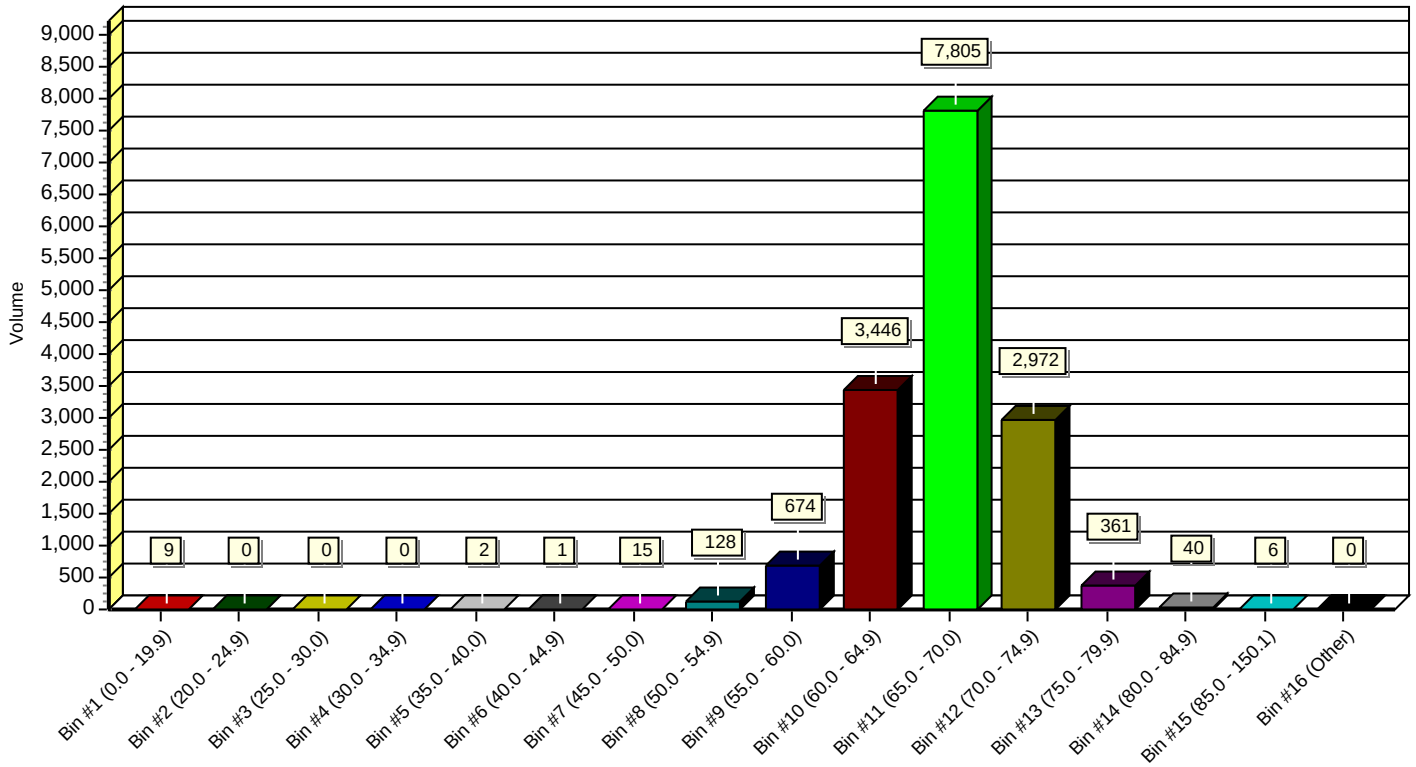
Speeds - Average: 66.8 50% : 67.0 67% : 68.8 85% : 71.9 10mph Pace: 60.1 - 70.0 (71.7%)

Basic Speed Class Summary: 4D0000556

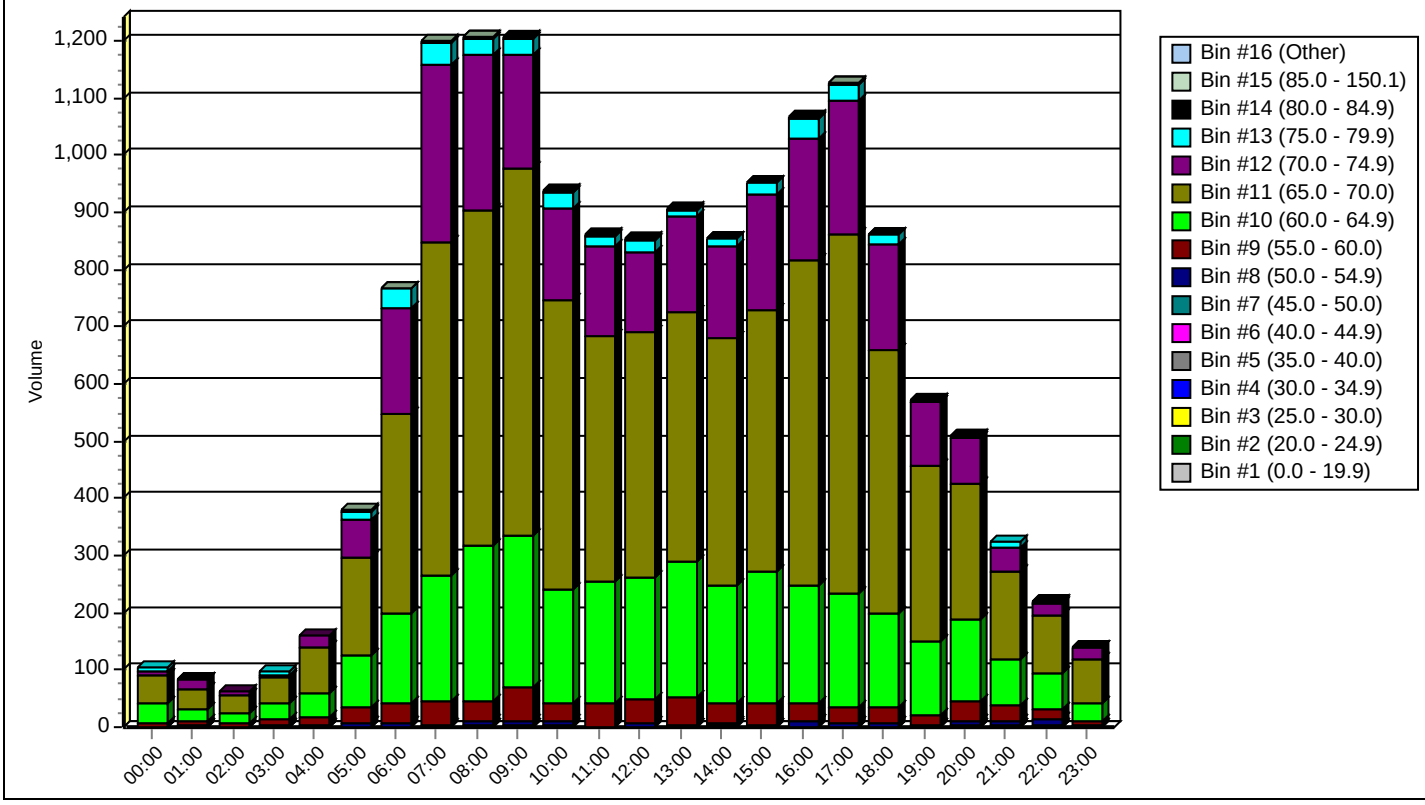
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	9	0	0	0	2	1	15	128	674	3446	7805	2972	361	40	6	0	15459
		9	0	0	0	2	1	15	128	674	3446	7805	2972	361	40	6	0	15459
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	4%	22%	50%	19%	2%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	4%	22%	50%	19%	2%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	1	3	17	39	15	2	0	0	0	77
		0	0	0	0	0	0	0	1	3	17	39	15	2	0	0	0	77
Days & ADT :	#1.	2.0	7457															
		2.0	7457															
Avg,50,67,85%:	#1.	67.0	67.2	69.0	71.9	60.1	- 70.0	73%										
		67.0	67.2	69.0	71.9	60.1	- 70.0	73%										

4D0000556 Speed Class Charts For Data From: 08:30 - 04/12/2011 To: 10:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0000556

Station ID : 4P0000556
Info Line 1 : 90994500
Info Line 2 : I90 27TH INTC
GPS Lat/Lon :
DB File : 4P0000556.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14602
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 08:30 - 04/12/2011 To: 10:29 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	08:30	0	29	18	0	0	1	0	0	1	0	0	0	0	0	49
Tue	08:45	1	40	24	0	0	0	0	0	1	0	0	0	0	0	66
	09:00	0	23	13	0	0	1	0	1	2	0	0	0	2	0	42
	09:15	0	10	11	0	0	0	0	1	1	0	0	0	0	0	23
	09:30	0	34	23	1	1	0	0	0	3	0	0	0	0	0	62
	09:45	0	18	13	0	0	0	0	0	2	1	0	0	1	0	35
	10:00	0	15	10	1	1	0	0	1	2	0	0	0	0	0	30
	10:15	0	20	8	0	0	0	0	0	0	0	0	0	0	0	28
	10:30	0	12	10	1	1	0	0	0	5	1	0	0	0	1	31
	10:45	0	17	21	0	1	0	0	0	0	0	0	0	0	0	39
	11:00	0	20	10	0	0	0	0	0	3	0	0	0	0	0	33
	11:15	0	15	12	0	1	1	0	0	3	0	0	0	0	0	32
	11:30	0	23	18	0	0	0	0	0	3	0	0	0	0	0	44
	11:45	0	21	18	0	0	0	0	0	0	0	0	0	0	0	39
	12:00	0	15	19	0	0	1	0	0	2	1	0	0	0	0	38
	12:15	0	16	16	0	0	0	0	1	1	0	0	1	0	0	35
	12:30	0	17	7	0	0	1	0	1	1	0	0	0	0	0	27
	12:45	0	15	18	0	0	0	0	0	2	1	0	0	0	0	36
	13:00	0	13	15	1	0	0	0	0	2	0	0	0	0	0	31
	13:15	0	14	14	1	0	0	0	0	4	0	0	0	0	0	33
	13:30	0	11	8	0	0	0	0	0	2	0	0	0	0	0	21
	13:45	0	9	23	1	1	1	0	0	2	1	0	0	0	0	38
	14:00	0	17	10	0	1	0	0	0	3	0	0	0	0	0	31
	14:15	1	25	14	1	0	0	0	1	1	0	0	0	0	0	43
	14:30	0	20	15	1	0	0	0	0	4	1	0	0	1	0	42
	14:45	0	20	11	1	0	0	0	0	1	0	0	0	2	0	35
	15:00	0	14	15	1	0	1	0	0	5	0	0	0	0	0	36
	15:15	0	19	21	0	0	0	0	0	0	0	0	0	0	0	40
	15:30	0	29	22	0	0	1	0	0	3	0	0	0	1	0	56
	15:45	0	19	23	1	0	0	0	1	3	0	0	0	0	0	47
	16:00	0	30	10	0	0	0	0	0	1	0	0	0	0	0	41
	16:15	0	26	23	1	0	0	0	0	4	1	0	0	0	0	55
	16:30	0	27	14	0	2	0	0	0	1	0	0	0	1	0	45
	16:45	0	18	32	0	0	0	0	0	1	0	0	0	0	0	51

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	17:00	0	48	30	0	0	0	0	1	3	1	0	0	0	1	84
Tue	17:15	0	39	28	0	0	0	0	0	0	0	0	0	0	0	67
	17:30	0	33	32	0	1	0	0	0	1	0	0	0	0	0	67
	17:45	0	19	27	0	0	0	0	0	1	0	0	0	0	0	47
	18:00	0	15	23	0	0	1	0	0	1	0	0	0	0	0	40
	18:15	0	20	13	0	2	0	0	0	1	0	0	0	0	0	36
	18:30	0	14	15	0	1	0	0	0	1	0	0	0	0	0	31
	18:45	0	12	9	0	0	0	0	0	0	1	0	0	0	0	22
	19:00	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
	19:15	0	8	10	0	0	0	0	0	0	0	0	0	0	0	18
	19:30	0	10	7	0	0	0	0	0	0	0	0	0	2	0	19
	19:45	0	4	1	0	0	0	0	0	1	0	0	0	0	0	6
	20:00	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
	20:15	0	12	9	0	0	0	0	0	0	0	0	0	0	0	21
	20:30	0	13	4	0	0	0	0	0	1	0	0	0	0	0	18
	20:45	0	4	3	0	1	0	0	0	2	0	0	0	0	0	10
	21:00	0	1	3	0	0	0	0	0	1	0	0	0	0	0	5
	21:15	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	21:30	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	21:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:00	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	22:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	23:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		2	961	769	12	14	9	0	8	82	9	0	1	10	2	1879
Percent :		0%	51%	41%	1%	1%	0%	0%	0%	4%	0%	0%	0%	1%	0%	
Average :		0	16	12	0	0	0	0	0	1	0	0	0	0	0	29

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	2	3	0	0	0	0	0	2	0	0	0	0	0	7
	05:00	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	05:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:30	0	7	5	0	0	0	0	0	1	0	0	0	0	0	13
	05:45	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
	06:00	0	10	6	0	0	0	0	0	1	0	0	0	1	0	18
	06:15	0	13	8	0	0	0	0	0	0	0	0	0	0	0	21
	06:30	0	27	18	1	1	0	0	0	0	0	0	0	0	0	47
	06:45	0	54	30	0	0	0	0	1	0	0	0	0	1	0	86
	07:00	2	41	26	0	0	0	0	0	0	0	0	0	0	0	69
	07:15	0	54	21	0	1	0	0	0	0	1	0	0	1	1	79
	07:30	0	74	39	1	0	0	0	1	0	0	0	0	1	0	116
	07:45	0	86	42	0	0	0	0	0	1	0	0	0	0	1	130
	08:00	0	39	26	0	0	0	0	0	3	0	0	0	0	1	69
	08:15	1	35	28	0	1	0	0	0	0	0	0	0	2	0	67
	08:30	1	37	14	0	0	0	0	0	1	0	0	0	2	1	56
	08:45	0	26	21	0	0	0	0	0	0	1	0	0	0	0	48
	09:00	0	18	22	0	0	0	0	0	2	0	0	0	0	0	42
	09:15	0	18	13	0	1	1	0	0	1	0	0	0	0	0	34
	09:30	0	15	14	0	0	0	0	0	2	0	0	0	1	1	33
	09:45	0	20	13	0	0	0	0	0	3	0	0	0	1	0	37
	10:00	0	10	17	0	0	1	0	0	3	0	0	0	0	0	31
	10:15	0	20	16	0	0	0	0	1	2	0	0	0	0	0	39
	10:30	0	23	19	0	0	0	0	0	7	2	0	0	0	0	51
	10:45	0	17	8	0	0	0	0	0	1	0	0	0	0	0	26
	11:00	0	13	16	0	0	0	0	0	2	1	0	0	0	0	32
	11:15	0	18	13	0	0	0	0	0	2	0	0	0	0	0	33
	11:30	0	8	22	1	0	1	0	0	4	2	0	0	0	0	38
	11:45	0	23	9	1	0	1	0	0	0	2	0	0	0	0	36
	12:00	0	15	15	1	0	0	0	0	0	1	0	0	1	0	33
	12:15	0	15	16	0	0	0	0	0	3	0	0	0	0	0	34

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	15	12	0	0	0	0	0	4	0	0	0	0	0	31
Wed	12:45	0	14	14	0	1	1	0	0	1	2	0	0	0	0	33
	13:00	0	15	24	0	0	1	0	0	2	0	0	0	0	0	42
	13:15	0	20	15	0	1	2	0	0	2	1	0	0	0	0	41
	13:30	0	19	14	0	1	0	0	0	1	0	0	0	0	0	35
	13:45	1	11	20	0	0	0	0	0	0	0	0	0	0	0	32
	14:00	0	22	17	1	1	1	0	0	1	2	0	0	0	0	45
	14:15	0	24	16	0	1	1	0	0	2	0	0	0	3	1	48
	14:30	0	21	14	0	0	0	0	0	3	1	0	0	1	1	41
	14:45	0	21	12	1	0	0	0	1	3	2	0	0	1	0	41
	15:00	0	21	18	0	0	1	0	0	2	1	0	0	0	0	43
	15:15	0	31	30	0	1	1	0	0	0	0	0	0	0	0	63
	15:30	0	30	22	0	0	0	0	0	3	1	0	0	0	0	56
	15:45	0	39	28	2	1	0	0	0	2	0	0	0	0	1	73
	16:00	0	25	22	0	1	0	0	0	3	0	0	0	1	0	52
	16:15	0	29	27	0	1	0	0	0	1	0	0	0	0	0	58
	16:30	0	32	32	0	1	0	0	0	2	3	0	0	1	0	71
	16:45	0	41	31	1	1	0	0	1	0	1	0	0	0	0	76
	17:00	0	47	40	0	0	0	0	1	2	0	0	0	0	0	90
	17:15	0	37	21	0	0	0	0	0	3	0	0	0	0	1	62
	17:30	0	38	34	0	0	1	0	0	1	0	0	0	1	3	78
	17:45	0	28	21	0	1	0	0	0	0	0	0	0	1	0	51
	18:00	0	20	7	0	1	0	0	0	0	0	0	0	1	0	29
	18:15	0	15	20	0	0	0	0	0	3	0	0	0	0	0	38
	18:30	0	10	18	1	0	0	0	0	0	0	0	0	0	0	29
	18:45	0	24	12	1	0	0	0	0	2	0	0	0	0	0	39
	19:00	0	8	11	0	0	0	0	0	0	0	0	0	0	0	19
	19:15	0	8	5	0	0	0	0	0	1	0	0	0	0	1	15
	19:30	0	10	6	0	0	0	0	0	1	0	0	0	0	0	17
	19:45	0	8	5	0	0	0	0	0	1	0	0	0	1	0	15
	20:00	0	5	4	0	0	0	0	0	0	2	0	0	0	0	11
	20:15	0	10	6	0	0	0	0	0	0	2	0	0	0	0	18
	20:30	0	2	7	0	0	0	0	0	1	0	0	0	1	0	11
	20:45	0	6	3	0	0	0	0	0	1	0	0	1	0	0	11
	21:00	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
	21:15	0	3	1	0	1	0	0	0	0	0	0	0	0	0	5
	21:30	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	21:45	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	22:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	23:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		5	1484	1111	13	18	13	0	6	92	29	0	1	24	13	2809
Percent :		0%	53%	40%	0%	1%	0%	0%	0%	3%	1%	0%	0%	1%	0%	
Average :		0	15	12	0	0	0	0	0	1	0	0	0	0	0	28

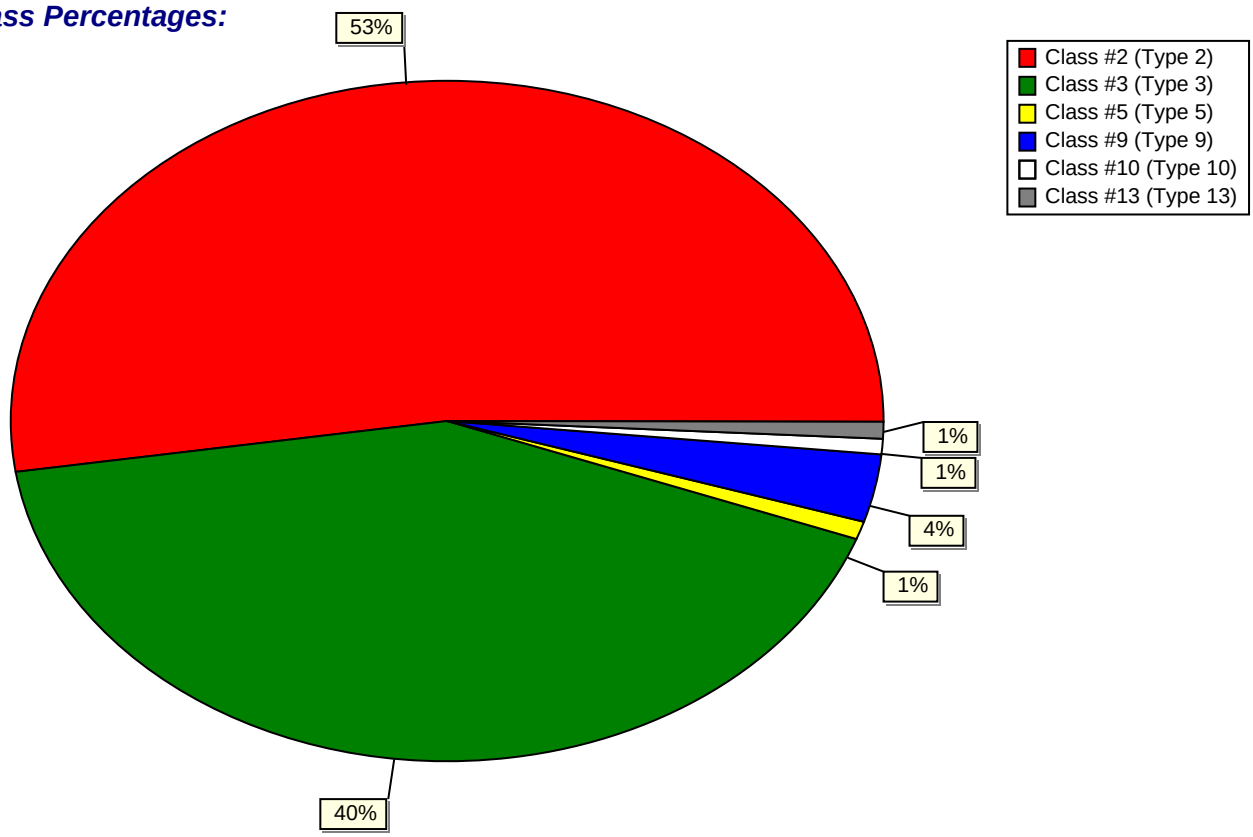
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Thu	00:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	1	0	0	1	0	0	0	1	0	0	0	0	0	3
	04:45	0	2	2	0	0	0	0	0	0	0	0	0	1	0	5
	05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	1	6	0	0	0	0	0	3	0	0	0	0	0	10
	05:30	0	8	5	0	0	0	0	0	4	0	0	0	0	0	17
	05:45	0	6	7	0	0	0	0	0	1	0	0	0	0	0	14
	06:00	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
	06:15	0	10	10	0	0	0	0	0	0	0	0	0	0	0	20
	06:30	0	25	19	0	0	0	0	0	2	0	0	0	0	0	46
	06:45	0	34	21	0	0	0	0	1	0	0	0	0	0	1	57
	07:00	0	29	18	0	0	0	0	0	0	0	0	0	1	0	48
	07:15	0	43	37	0	0	0	0	0	0	0	0	0	1	0	81
	07:30	0	77	51	0	0	1	0	0	1	0	0	0	0	2	132
	07:45	0	92	62	0	0	1	0	0	0	2	0	0	1	1	159
	08:00	1	36	19	0	0	0	0	0	3	0	0	0	0	0	59
	08:15	0	34	27	0	0	0	0	0	0	0	0	0	0	0	61
	08:30	0	28	18	1	1	0	0	0	2	0	0	0	1	0	51
	08:45	0	29	23	1	0	0	1	0	0	0	0	0	2	0	56
	09:00	0	16	13	0	0	0	0	0	3	0	0	0	0	0	32
	09:15	0	8	12	0	0	0	0	0	1	0	0	0	0	0	21
	09:30	0	28	17	0	1	0	0	1	0	0	0	0	1	0	48
	09:45	0	30	22	0	0	1	0	0	0	0	0	0	1	0	54
	10:00	0	10	10	0	0	0	0	0	3	0	0	0	0	0	23
Daily Total :		1	557	406	2	3	3	1	2	26	2	0	0	9	4	1016
	Percent :	0%	55%	40%	0%	0%	0%	0%	0%	3%	0%	0%	0%	1%	0%	
	Average :	0	14	10	0	0	0	0	0	1	0	0	0	0	0	25

Basic Axle Class Summary: 4P0000556

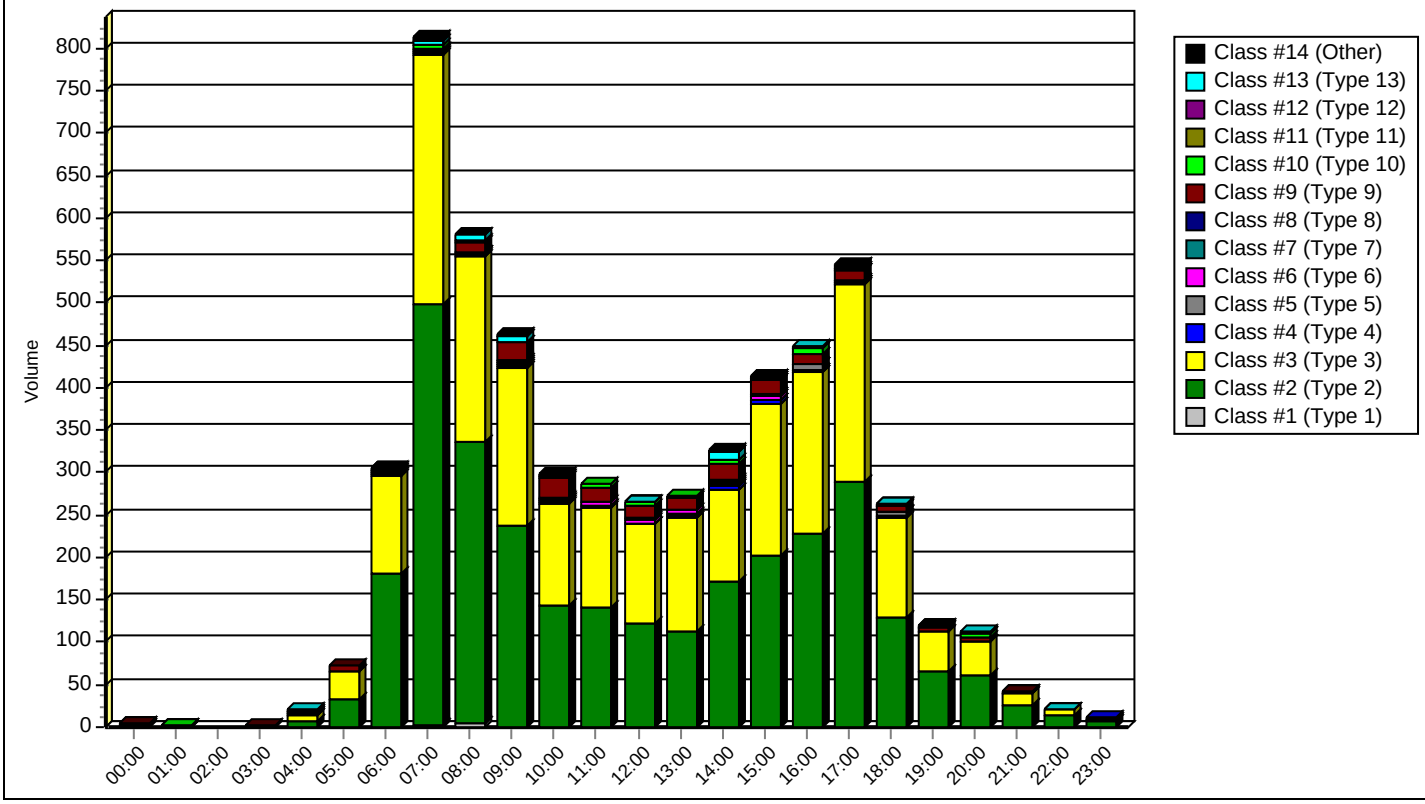
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	8	3002	2286	27	35	25	1	16	200	40	0	2	43	19	5704
		8	3002	2286	27	35	25	1	16	200	40	0	2	43	19	5704
Percents :	#1.	0%	53%	40%	0%	1%	0%	0%	0%	4%	1%	0%	0%	1%	0%	100%
		0%	53%	40%	0%	1%	0%	0%	0%	4%	1%	0%	0%	1%	0%	
Average :	#1.	0	15	11	0	0	0	0	0	1	0	0	0	0	0	27
		0	15	11	0	0	0	0	0	1	0	0	0	0	0	27
Days & ADT :	#1.	2.0	2751													
		2.0	2751													

4P0000556 Axle Class Charts For Data From: 08:30 - 04/12/2011 To: 10:29 - 04/14/2011

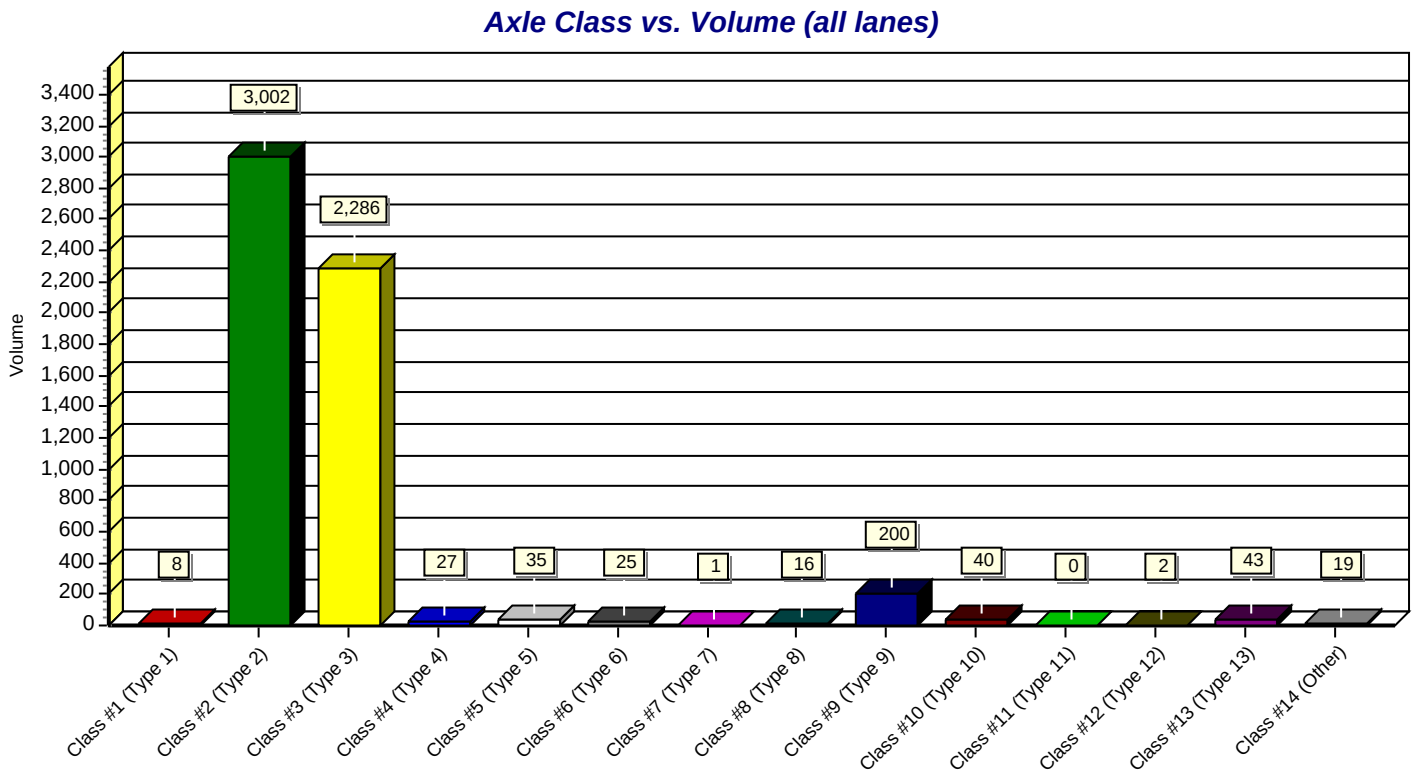
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0000556 Axle Class Charts For Data From: 08:30 - 04/12/2011 To: 10:29 - 04/14/2011



Basic Speed Classification Report: 4P0000556

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 08:30 - 04/12/2011 To: 10:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	08:30	0	0	0	0	0	0	0	0	0	3	24	19	3	0	0	0	49
Tue	08:45	0	0	0	0	0	0	0	0	0	3	25	31	6	1	0	0	66
	09:00	0	0	0	0	0	0	0	0	1	2	20	15	3	1	0	0	42
	09:15	0	0	0	0	0	0	0	0	0	0	11	6	5	1	0	0	23
	09:30	0	0	0	0	0	0	0	0	2	12	22	23	3	0	0	0	62
	09:45	0	0	0	0	0	0	0	0	0	2	5	24	3	1	0	0	35
	10:00	0	0	0	0	0	0	0	0	0	4	14	10	1	1	0	0	30
	10:15	0	0	0	0	0	0	0	0	0	0	12	12	3	1	0	0	28
	10:30	0	0	0	0	0	0	0	0	0	1	13	10	5	2	0	0	31
	10:45	0	0	0	0	0	0	0	0	0	2	17	18	2	0	0	0	39
	11:00	0	0	0	0	0	0	0	0	0	0	15	11	5	0	2	0	33
	11:15	0	0	0	0	0	0	0	0	0	1	12	16	2	1	0	0	32
	11:30	0	0	0	0	0	0	0	0	0	2	15	21	6	0	0	0	44
	11:45	0	0	0	0	0	0	0	0	1	3	13	17	3	2	0	0	39
	12:00	0	0	0	0	0	0	0	0	0	3	24	9	1	1	0	0	38
	12:15	0	0	0	0	0	0	0	0	0	1	18	12	4	0	0	0	35
	12:30	0	0	0	0	0	0	0	0	0	1	17	7	1	1	0	0	27
	12:45	0	0	0	0	0	0	0	0	0	2	14	14	4	2	0	0	36
	13:00	0	0	0	0	0	0	0	0	0	1	10	11	9	0	0	0	31
	13:15	0	0	0	0	0	0	0	0	0	1	17	15	0	0	0	0	33
	13:30	0	0	0	0	0	0	0	0	0	0	9	9	2	1	0	0	21
	13:45	0	0	0	0	0	0	0	0	0	0	16	18	3	1	0	0	38
	14:00	0	0	0	0	0	0	0	1	1	2	9	12	6	0	0	0	31
	14:15	0	0	0	0	0	0	0	0	0	2	17	20	3	1	0	0	43
	14:30	0	0	0	0	0	0	0	0	1	2	18	20	1	0	0	0	42
	14:45	0	0	0	0	0	0	0	0	0	0	13	19	3	0	0	0	35
	15:00	0	0	0	0	0	0	0	0	0	5	19	8	3	1	0	0	36
	15:15	0	0	0	0	0	0	0	0	0	1	23	14	2	0	0	0	40
	15:30	0	0	0	0	0	0	0	0	0	4	34	14	4	0	0	0	56
	15:45	0	0	0	0	0	0	0	0	1	2	16	22	5	1	0	0	47
	16:00	0	0	0	0	0	0	0	0	0	1	20	16	4	0	0	0	41
	16:15	0	0	0	0	0	0	0	0	0	3	25	22	3	2	0	0	55
	16:30	0	0	0	0	0	0	0	0	0	1	18	22	3	1	0	0	45
	16:45	0	0	0	0	0	0	0	0	0	0	21	26	4	0	0	0	51
	17:00	0	0	0	0	0	0	0	0	0	2	35	36	10	1	0	0	84
	17:15	0	0	0	0	0	0	0	0	0	0	25	36	6	0	0	0	67
	17:30	0	0	0	0	0	0	0	0	0	4	22	34	5	1	1	0	67
	17:45	0	0	0	0	0	0	0	0	0	1	18	23	5	0	0	0	47
	18:00	0	0	0	0	0	0	0	0	0	0	10	22	7	1	0	0	40
	18:15	0	0	0	0	0	0	0	0	0	1	12	22	1	0	0	0	36

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	18:30	0	0	0	0	0	0	0	0	0	1	15	15	0	0	0	0	31
Tue	18:45	0	0	0	0	0	0	0	0	0	0	9	8	4	1	0	0	22
	19:00	0	0	0	0	0	0	0	0	0	0	8	4	0	0	0	0	12
	19:15	0	0	0	0	0	0	0	0	0	0	6	6	5	1	0	0	18
	19:30	0	0	0	0	0	0	0	0	0	0	7	10	2	0	0	0	19
	19:45	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	6
	20:00	0	0	0	0	0	0	0	0	0	0	4	7	1	0	0	0	12
	20:15	0	0	0	0	0	0	0	0	0	1	11	7	2	0	0	0	21
	20:30	0	0	0	0	0	0	0	0	0	3	7	8	0	0	0	0	18
	20:45	0	0	0	0	0	0	0	0	0	1	6	3	0	0	0	0	10
	21:00	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	5
	21:15	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	5
	21:30	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	21:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	22:00	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	6
	22:15	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	22:45	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Daily Total :		0	0	0	0	0	0	0	1	8	83	793	798	164	29	3	0	1879
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	42%	42%	9%	2%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	1	13	13	3	0	0	0	27

Speeds - Average: 70.5 50% : 70.5 67% : 72.5 85% : 74.5 10mph Pace: 65.0 - 74.9 (84.7%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	4	2	1	0	0	0	7
	05:00	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	4
	05:15	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	1	3	7	2	0	0	0	13
	05:45	0	0	0	0	0	0	0	0	0	0	4	4	1	2	1	0	12
	06:00	0	0	0	0	0	0	0	0	0	2	7	6	1	2	0	0	18
	06:15	0	0	0	0	0	0	0	0	0	0	6	12	3	0	0	0	21
	06:30	0	0	0	0	0	0	0	0	0	1	8	25	11	1	1	0	47
	06:45	0	0	0	0	0	0	0	0	0	0	24	47	9	6	0	0	86
	07:00	0	0	0	0	0	0	0	0	0	2	23	33	11	0	0	0	69
	07:15	0	0	0	0	0	0	0	0	0	1	19	49	9	0	1	0	79
	07:30	0	0	0	0	0	0	0	0	0	2	31	68	12	3	0	0	116
	07:45	0	0	0	0	0	0	0	0	0	0	28	60	37	3	2	0	130
	08:00	0	0	0	0	0	0	0	0	0	1	25	28	13	2	0	0	69
	08:15	0	0	0	0	0	0	0	0	0	2	19	32	10	4	0	0	67
	08:30	0	0	0	0	0	0	0	0	1	2	26	22	3	2	0	0	56
	08:45	0	0	0	0	0	0	0	0	0	1	21	21	4	1	0	0	48
	09:00	0	0	0	0	0	0	0	0	0	1	18	21	2	0	0	0	42
	09:15	0	0	0	0	0	0	0	0	0	0	17	16	1	0	0	0	34
	09:30	0	0	0	0	0	0	0	0	2	1	19	11	0	0	0	0	33
	09:45	0	0	0	0	0	0	0	0	0	5	19	11	1	1	0	0	37
	10:00	0	0	0	0	0	0	0	0	0	1	13	15	1	0	1	0	31
	10:15	0	0	0	0	0	0	0	0	0	0	15	20	2	2	0	0	39
	10:30	0	0	0	0	0	0	0	0	0	3	25	17	6	0	0	0	51
	10:45	0	0	0	0	0	0	0	0	0	0	14	8	4	0	0	0	26
	11:00	0	0	0	0	0	0	0	0	0	0	11	15	5	1	0	0	32
	11:15	0	0	0	0	0	0	0	0	0	0	11	20	1	1	0	0	33
	11:30	0	0	0	0	0	0	0	0	0	3	23	9	2	1	0	0	38
	11:45	0	0	0	0	0	0	0	0	0	0	20	14	2	0	0	0	36
	12:00	0	0	0	0	0	0	0	0	0	1	15	16	0	1	0	0	33
	12:15	0	0	0	0	0	0	0	0	0	1	14	16	3	0	0	0	34

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	2	14	11	3	1	0	0	31
Wed	12:45	0	0	0	0	0	0	0	0	1	1	14	13	4	0	0	0	33
	13:00	0	0	0	0	0	0	0	0	0	3	25	9	5	0	0	0	42
	13:15	0	0	0	0	0	0	0	0	0	4	22	10	4	1	0	0	41
	13:30	0	0	0	0	0	0	0	0	0	0	20	15	0	0	0	0	35
	13:45	0	0	0	0	0	0	0	0	0	1	13	15	3	0	0	0	32
	14:00	0	0	0	0	0	0	0	0	0	2	25	13	3	2	0	0	45
	14:15	0	0	0	0	0	0	0	0	0	3	19	24	2	0	0	0	48
	14:30	0	0	0	0	0	0	0	0	0	2	17	17	3	2	0	0	41
	14:45	0	0	0	0	0	0	0	0	0	4	21	14	2	0	0	0	41
	15:00	0	0	0	0	0	0	0	0	0	2	19	19	3	0	0	0	43
	15:15	0	0	0	0	0	0	0	0	0	2	35	22	4	0	0	0	63
	15:30	0	0	0	0	0	0	0	0	0	1	31	19	5	0	0	0	56
	15:45	0	0	0	0	0	0	0	0	0	7	35	24	6	1	0	0	73
	16:00	0	0	0	0	0	0	0	0	0	8	25	17	2	0	0	0	52
	16:15	0	0	0	0	0	0	0	0	0	4	20	30	4	0	0	0	58
	16:30	0	0	0	0	0	0	0	0	0	2	30	29	10	0	0	0	71
	16:45	0	0	0	0	0	0	0	0	0	1	36	30	8	1	0	0	76
	17:00	0	0	0	0	0	0	0	0	0	1	47	30	12	0	0	0	90
	17:15	0	0	0	0	0	0	0	0	0	2	30	24	5	1	0	0	62
	17:30	0	0	0	0	0	0	0	0	0	3	29	38	6	2	0	0	78
	17:45	0	0	0	0	0	0	0	0	0	0	20	22	7	2	0	0	51
	18:00	0	0	0	0	0	0	0	0	0	0	13	11	4	1	0	0	29
	18:15	0	0	0	0	0	0	0	1	0	6	13	17	1	0	0	0	38
	18:30	0	0	0	0	0	0	0	0	0	1	11	12	5	0	0	0	29
	18:45	0	0	0	0	0	0	0	0	1	4	17	16	1	0	0	0	39
	19:00	0	0	0	0	0	0	0	0	0	2	6	10	0	1	0	0	19
	19:15	0	0	0	0	0	0	0	0	0	1	9	4	1	0	0	0	15
	19:30	0	0	0	0	0	0	0	0	0	3	13	1	0	0	0	0	17
	19:45	0	0	0	0	0	0	0	0	0	1	10	4	0	0	0	0	15
	20:00	0	0	0	0	0	0	0	0	0	1	6	3	1	0	0	0	11
	20:15	0	0	0	0	0	0	0	0	0	5	10	3	0	0	0	0	18
	20:30	0	0	0	0	0	0	0	0	0	0	7	3	1	0	0	0	11
	20:45	0	0	0	0	0	0	0	0	0	1	7	2	1	0	0	0	11
	21:00	0	0	0	0	0	0	0	0	0	0	5	4	1	0	0	0	10
	21:15	0	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	5
	21:30	0	0	0	0	0	0	0	0	0	0	3	1	0	1	0	0	5
	21:45	0	0	0	0	0	0	0	0	1	1	4	0	1	0	0	0	7
	22:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	22:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	22:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
	23:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	0	0	0	0	0	0	1	6	119	1179	1172	276	50	6	0	2809
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	42%	42%	10%	2%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	1	12	12	3	1	0	0	30

Speeds - Average: 70.6 50% : 70.6 67% : 72.5 85% : 74.6 10mph Pace: 65.0 - 74.9 (83.7%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
Thu	00:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
	04:45	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	5
	05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	1	6	3	0	0	0	0	10
	05:30	0	0	0	0	0	0	0	0	0	7	7	2	1	0	0	0	17
	05:45	0	0	0	0	0	0	0	0	1	5	3	2	2	0	1	0	14
	06:00	0	0	0	0	0	0	0	0	0	1	6	4	1	0	0	0	12
	06:15	0	0	0	0	0	0	0	0	2	1	7	8	2	0	0	0	20
	06:30	0	0	0	0	0	0	0	0	0	1	11	29	3	1	1	0	46
	06:45	0	0	0	0	0	0	0	0	0	1	16	28	8	0	4	0	57
	07:00	0	0	0	0	0	0	0	0	0	0	16	24	5	3	0	0	48
	07:15	0	0	0	0	0	0	0	0	0	3	29	44	4	1	0	0	81
	07:30	0	0	0	0	0	0	0	0	0	6	48	67	10	1	0	0	132
	07:45	0	0	0	0	0	0	0	0	0	4	57	74	20	3	1	0	159
	08:00	1	0	0	0	0	0	0	0	0	0	19	32	7	0	0	0	59
	08:15	0	0	0	0	0	0	0	0	1	3	15	28	13	1	0	0	61
	08:30	0	0	0	0	0	0	0	0	0	0	24	25	2	0	0	0	51
	08:45	0	0	0	0	0	0	0	0	0	0	29	19	6	2	0	0	56
	09:00	0	0	0	0	0	0	0	0	0	3	13	12	4	0	0	0	32
	09:15	0	0	0	0	0	0	0	0	0	0	9	10	2	0	0	0	21
	09:30	0	0	0	0	0	0	0	0	0	5	20	20	2	1	0	0	48
	09:45	0	0	0	0	0	0	0	0	0	0	27	23	4	0	0	0	54
	10:00	0	0	0	0	0	0	0	0	0	3	13	6	1	0	0	0	23
Daily Total :		1	0	0	0	0	0	0	0	4	46	382	465	98	13	7	0	1016
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	38%	46%	10%	1%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	9	11	2	0	0	0	29

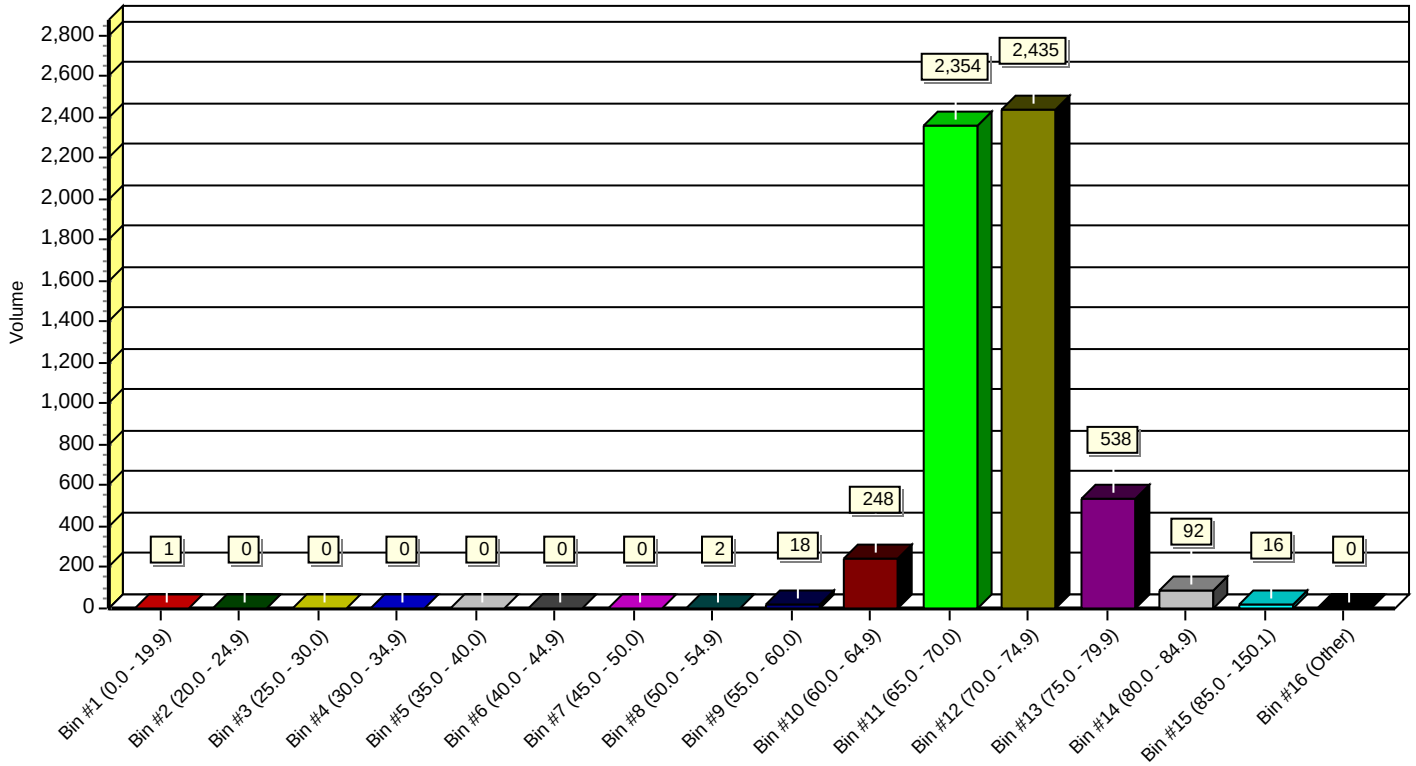
Speeds - Average: 71.0 50% : 71.0 67% : 72.7 85% : 74.6 10mph Pace: 65.0 - 74.9 (83.4%)

Basic Speed Class Summary: 4P0000556

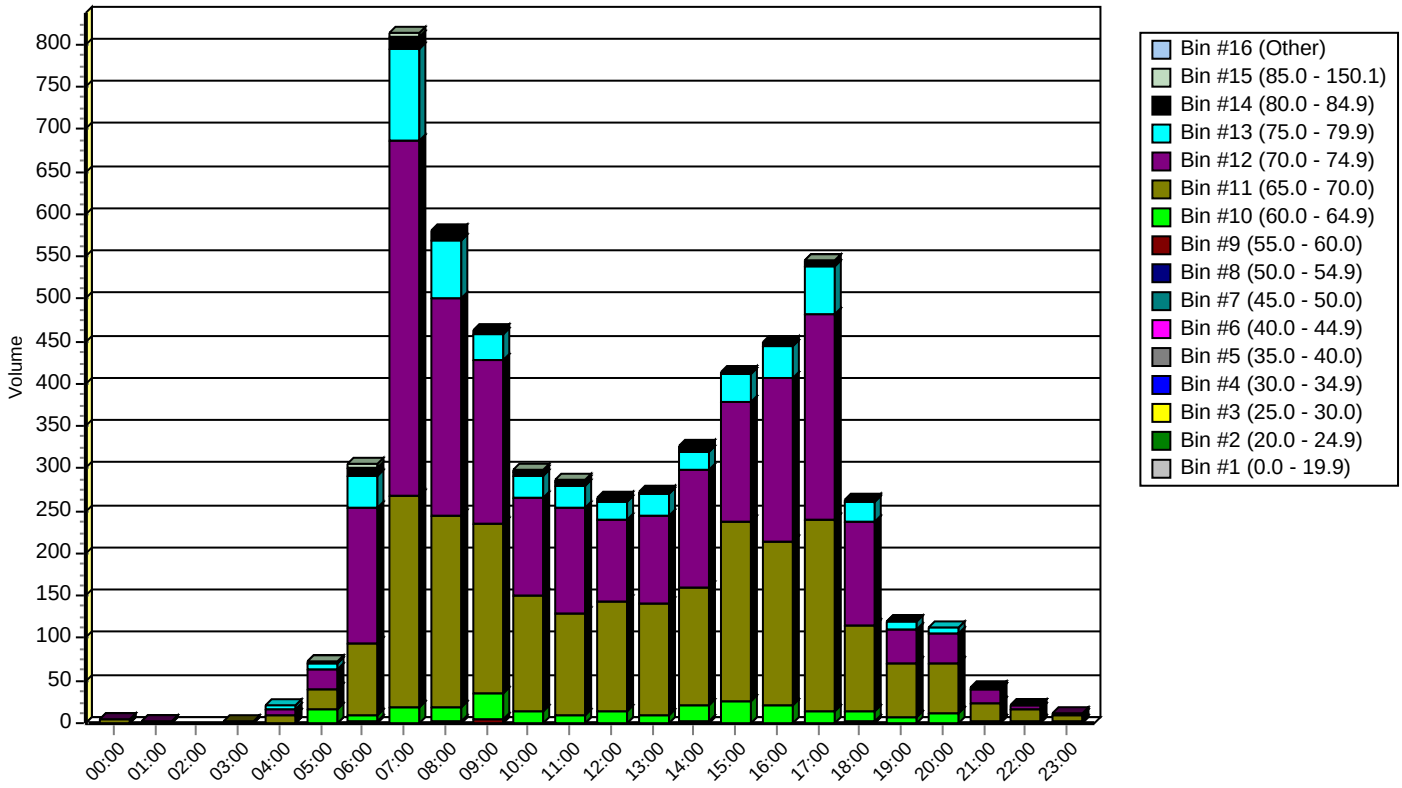
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	1	0	0	0	0	0	0	2	18	248	2354	2435	538	92	16	0	5704
		1	0	0	0	0	0	0	2	18	248	2354	2435	538	92	16	0	5704
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	41%	43%	9%	2%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	41%	43%	9%	2%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	1	12	12	3	0	0	0	28
		0	0	0	0	0	0	0	0	0	1	12	12	3	0	0	0	28
Days & ADT :	#1.	2.0	2751															
		2.0	2751															
Avg,50,67,85%:	#1.	70.6	70.6	72.5	74.6	65.0	- 74.9	84%										
		70.6	70.6	72.5	74.6	65.0	- 74.9	84%										

4P0000556 Speed Class Charts For Data From: 08:30 - 04/12/2011 To: 10:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0041456

Station ID : 2D0041456
Info Line 1 : 90994514
Info Line 2 : I-90 E OF 27TH
GPS Lat/Lon :
DB File : 2D0041456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11441
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DR LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 15:30 - 04/11/2011 To: 09:29 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	15:30	2	82	66	0	5	1	1	0	11	0	0	0	2	3	173
Mon	15:45	2	88	60	4	2	0	0	0	2	3	0	0	4	1	166
	16:00	1	100	61	1	3	2	0	4	8	2	0	0	7	1	190
	16:15	2	103	76	1	3	1	0	1	6	0	0	0	0	0	193
	16:30	0	96	103	0	2	0	0	1	7	0	0	0	1	1	211
	16:45	1	102	93	1	7	1	0	0	3	0	0	0	2	0	210
	17:00	0	131	96	0	4	2	0	1	9	1	0	0	2	0	246
	17:15	4	106	115	0	7	2	0	1	3	2	0	0	1	0	241
	17:30	3	119	81	0	1	0	0	0	2	2	0	0	2	1	211
	17:45	0	96	77	1	4	2	0	1	5	1	0	0	3	0	190
	18:00	4	90	60	1	1	2	0	2	16	0	0	0	1	1	178
	18:15	4	69	54	1	1	0	0	1	9	0	0	0	0	1	140
	18:30	3	67	54	0	0	0	0	2	7	2	0	0	3	0	138
	18:45	0	56	45	1	0	1	0	1	9	0	0	0	3	1	117
	19:00	0	58	43	2	1	0	0	0	7	1	0	0	1	0	113
	19:15	0	62	40	0	1	0	0	0	7	1	0	0	3	0	114
	19:30	0	46	42	0	4	0	0	0	12	1	0	0	3	0	108
	19:45	0	53	40	0	3	1	0	2	5	3	0	0	3	0	110
	20:00	0	44	48	0	0	0	0	0	5	1	0	0	3	0	101
	20:15	0	54	42	0	2	0	0	0	2	0	0	0	3	0	103
	20:30	0	48	40	0	0	0	0	0	6	0	0	0	0	0	94
	20:45	0	37	26	0	1	0	0	0	9	1	0	0	0	0	74
	21:00	0	51	24	1	0	0	0	1	6	0	0	0	2	0	85
	21:15	0	34	33	0	0	0	0	0	5	0	0	0	2	0	74
	21:30	0	41	22	1	0	0	0	0	8	0	0	0	0	0	72
	21:45	0	28	20	0	2	0	0	0	4	0	1	0	2	0	57
	22:00	0	26	16	0	1	0	0	0	3	1	0	0	0	0	47
	22:15	0	37	20	0	1	1	0	1	4	0	0	1	3	0	68
	22:30	0	24	16	1	1	2	0	0	3	1	0	1	3	0	52
	22:45	0	18	5	0	0	0	0	0	2	1	0	0	1	0	27
	23:00	0	21	15	0	1	0	0	0	1	0	0	0	1	0	39
	23:15	0	15	5	1	0	0	0	0	2	0	0	0	0	0	23
	23:30	0	16	18	0	0	0	0	0	4	0	0	1	0	0	39
	23:45	1	9	8	0	0	0	0	0	3	0	0	0	1	0	22

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
Daily Total :		27	2027	1564	17	58	18	1	19	195	24	1	3	62	10	4026
Percent :		1%	50%	39%	0%	1%	0%	0%	0%	5%	1%	0%	0%	2%	0%	
Average :		1	60	46	1	2	1	0	1	6	1	0	0	2	0	121

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	1	10	8	1	0	0	0	0	1	1	0	0	0	0	22
Tue	00:15	0	6	4	0	1	0	0	1	3	0	0	0	0	0	15
	00:30	0	7	5	0	0	0	0	0	5	0	0	0	0	1	18
	00:45	0	4	7	0	0	0	0	2	3	0	0	0	2	1	19
	01:00	0	3	6	0	1	0	0	0	6	0	0	0	1	1	18
	01:15	0	5	3	0	1	0	0	0	1	0	0	0	0	0	10
	01:30	0	4	1	0	0	0	0	0	2	0	0	0	0	0	7
	01:45	0	4	1	0	0	0	0	0	1	0	0	0	1	0	7
	02:00	0	5	3	1	0	0	0	0	0	0	0	0	0	0	9
	02:15	0	5	3	0	0	0	0	0	7	0	0	0	0	0	15
	02:30	0	0	7	0	0	0	0	0	2	0	0	0	1	0	10
	02:45	0	1	1	0	0	0	0	0	3	0	0	0	0	0	5
	03:00	0	3	1	0	0	0	0	0	2	0	0	1	0	0	7
	03:15	0	2	1	0	0	0	0	0	2	1	0	0	0	0	6
	03:30	0	5	3	0	0	0	0	0	1	0	0	1	2	0	12
	03:45	0	4	6	0	1	0	0	0	0	0	0	1	1	0	13
	04:00	0	6	9	0	0	0	0	0	4	0	0	0	1	0	20
	04:15	0	8	3	1	0	0	0	0	7	0	0	0	1	0	20
	04:30	0	16	10	0	1	1	0	0	6	0	0	0	1	0	35
	04:45	0	11	7	1	0	0	0	2	4	0	0	0	0	0	25
	05:00	0	12	9	0	0	0	0	0	2	1	0	0	0	0	24
	05:15	0	7	17	0	0	1	0	1	5	0	0	0	2	0	33
	05:30	0	18	15	0	1	1	0	1	9	2	0	0	1	0	48
	05:45	0	19	33	2	2	1	0	1	6	0	0	0	0	0	64
	06:00	0	28	27	2	2	2	0	1	9	0	0	0	1	0	72
	06:15	0	29	42	7	3	3	0	0	4	0	0	1	0	0	89
	06:30	0	41	53	9	3	0	0	2	5	0	0	0	1	0	114
	06:45	0	46	52	10	4	0	0	1	7	0	0	0	0	0	120
	07:00	0	43	36	4	2	2	0	0	8	2	0	1	3	0	101
	07:15	0	57	51	2	2	2	0	3	10	3	0	0	3	1	134
	07:30	0	59	53	0	3	5	0	2	9	1	0	0	1	0	133
	07:45	2	54	56	1	1	7	0	3	15	6	0	0	1	0	146
	08:00	0	49	52	2	2	2	1	1	5	0	0	0	1	0	115
	08:15	0	40	40	1	8	1	0	1	13	1	0	0	2	0	107
	08:30	1	55	40	1	6	2	1	1	17	7	0	0	6	3	140
	08:45	0	32	72	1	6	2	0	1	14	1	0	0	1	1	131
	09:00	0	33	58	2	3	1	0	0	14	1	0	0	3	0	115
	09:15	0	28	48	3	5	2	0	1	13	0	0	0	1	1	102
	09:30	0	32	52	2	2	0	0	1	12	2	0	0	2	1	106
	09:45	1	38	55	0	1	1	0	2	19	2	0	0	4	1	124
	10:00	0	27	45	0	0	2	1	3	15	2	0	0	1	2	98
	10:15	0	46	55	0	5	3	0	2	11	0	0	0	0	0	122
	10:30	0	35	58	0	8	6	0	0	12	6	0	0	1	0	126
	10:45	0	39	59	2	1	3	0	1	12	2	0	0	3	0	122
	11:00	0	51	40	0	1	1	0	0	10	1	0	0	4	1	109
	11:15	1	27	44	2	7	3	1	3	15	2	0	1	3	2	111
	11:30	1	44	40	1	2	4	0	1	14	4	0	0	1	0	112
	11:45	0	39	49	3	2	1	1	3	13	8	0	0	8	0	127
	12:00	0	46	48	0	2	2	0	2	12	3	0	0	3	3	121
	12:15	0	46	64	1	3	2	0	1	8	1	0	0	1	1	128

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	49	64	1	2	2	0	2	14	3	0	0	4	1	142
Tue	12:45	0	44	84	1	1	1	0	0	19	1	0	0	3	0	154
	13:00	0	44	56	2	1	2	0	0	18	0	0	0	2	0	125
	13:15	1	40	51	3	4	1	0	2	21	3	0	1	4	3	134
	13:30	0	56	59	4	1	2	0	2	12	0	0	0	2	1	139
	13:45	0	55	62	2	6	0	0	2	18	3	0	0	0	1	149
	14:00	0	56	63	3	2	0	0	2	14	3	0	1	1	1	146
	14:15	0	61	73	4	3	2	0	5	14	1	0	1	3	0	167
	14:30	0	68	71	4	1	2	0	0	22	3	0	0	2	0	173
	14:45	1	52	69	2	3	2	0	2	16	0	0	0	0	2	149
	15:00	0	72	76	1	3	4	1	5	9	3	0	0	2	1	177
	15:15	0	61	62	1	5	2	0	1	10	5	0	1	6	0	154
	15:30	2	88	64	0	4	4	0	1	14	3	0	0	3	1	184
	15:45	0	77	67	1	6	0	0	1	18	4	0	0	2	1	177
	16:00	1	92	92	1	4	1	0	1	15	0	0	0	0	1	208
	16:15	0	82	87	0	4	2	0	1	14	4	0	0	3	1	198
	16:30	0	101	83	1	3	1	0	4	16	0	0	0	3	0	212
	16:45	0	93	88	1	4	2	0	3	9	1	0	0	1	0	202
	17:00	0	122	100	2	2	0	0	1	11	2	0	0	2	0	242
	17:15	2	121	98	0	2	0	0	2	14	1	0	0	0	0	240
	17:30	0	96	83	1	2	2	0	0	16	2	0	0	0	2	204
	17:45	1	104	80	0	4	0	0	1	8	1	0	0	1	1	201
	18:00	0	90	74	0	7	1	0	2	6	0	0	0	2	0	182
	18:15	0	77	58	0	0	0	0	2	16	0	0	0	0	1	154
	18:30	2	64	34	1	2	0	0	1	14	2	0	0	7	0	127
	18:45	0	71	56	1	3	0	0	1	10	0	0	0	2	0	144
	19:00	0	68	51	1	1	0	0	2	7	0	0	0	3	1	134
	19:15	0	55	46	0	0	0	0	1	18	2	0	1	2	0	125
	19:30	0	52	57	1	1	1	0	1	6	1	0	0	2	0	122
	19:45	1	55	43	2	2	1	0	2	13	0	0	0	0	0	119
	20:00	0	47	41	1	3	1	0	6	11	2	1	0	1	1	115
	20:15	0	67	45	0	3	0	0	4	6	1	0	2	2	0	130
	20:30	1	40	36	1	0	1	0	2	10	0	0	0	1	0	92
	20:45	0	34	45	0	1	0	0	4	2	0	0	1	0	0	87
	21:00	0	41	35	1	1	0	0	5	6	0	0	0	2	0	91
	21:15	0	43	27	0	4	0	0	1	2	0	0	1	0	1	79
	21:30	0	37	17	0	0	0	0	0	8	1	0	0	2	0	65
	21:45	0	23	25	1	2	0	0	1	3	0	0	1	1	0	57
	22:00	1	20	27	0	2	0	0	3	4	0	0	0	0	1	58
	22:15	0	22	14	0	1	0	0	2	7	0	0	0	2	0	48
	22:30	0	22	16	0	0	1	0	3	4	0	0	1	1	0	48
	22:45	0	17	14	0	0	0	0	0	3	0	1	1	2	0	38
	23:00	0	18	6	1	1	1	0	1	2	0	0	0	1	0	31
	23:15	0	16	6	0	0	0	0	0	3	0	0	0	0	0	25
	23:30	0	9	10	0	2	0	0	1	3	0	0	0	1	0	26
	23:45	0	15	5	1	1	0	0	0	6	1	0	1	0	0	30
Daily Total :		20	3866	3872	109	196	102	6	127	870	113	2	19	147	42	9491
Percent :		0%	41%	41%	1%	2%	1%	0%	1%	9%	1%	0%	0%	2%	0%	
Average :		0	40	40	1	2	1	0	1	9	1	0	0	2	0	97

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	16	7	1	0	0	0	2	2	2	0	0	1	1	32
Wed	00:15	0	9	6	0	2	0	0	2	1	0	0	0	0	0	20
	00:30	0	11	10	0	0	0	0	2	3	0	0	1	1	0	28
	00:45	0	7	3	0	1	0	0	0	2	0	1	0	1	0	15
	01:00	0	4	3	0	0	0	0	0	4	0	0	1	0	1	13
	01:15	0	1	3	0	1	0	0	2	1	0	0	0	0	0	8
	01:30	0	4	2	0	0	0	0	2	1	0	0	0	0	0	9
	01:45	0	5	2	0	0	1	0	0	2	0	0	0	1	0	11
	02:00	0	8	5	0	1	0	0	0	0	0	0	0	0	0	14
	02:15	0	6	3	0	0	0	0	2	3	0	0	0	1	0	15
	02:30	0	3	1	0	0	0	0	3	1	0	0	0	0	1	9
	02:45	0	5	5	0	2	0	0	0	0	0	0	0	0	0	12
	03:00	0	3	0	0	0	1	0	2	4	1	0	2	1	1	15
	03:15	0	6	3	0	1	0	0	1	2	0	0	0	0	0	13
	03:30	0	5	5	0	2	0	0	3	2	0	0	1	0	0	18
	03:45	0	3	8	0	0	0	0	1	4	0	0	1	2	1	20
	04:00	0	5	5	0	0	0	0	1	4	0	1	0	0	0	16
	04:15	0	3	5	0	1	0	0	1	7	0	0	0	1	0	18
	04:30	0	13	15	0	4	1	0	0	6	0	0	0	0	0	39
	04:45	0	9	9	0	0	1	0	2	0	0	0	0	2	1	24
	05:00	1	11	8	0	3	0	0	2	2	0	0	0	0	1	28
	05:15	0	13	15	2	5	2	0	4	5	0	0	0	1	1	48
	05:30	0	15	20	0	1	0	0	0	4	0	0	0	0	1	41
	05:45	0	24	35	1	2	0	0	0	4	0	0	0	0	0	66
	06:00	0	26	39	1	1	0	0	3	1	0	0	1	1	0	73
	06:15	0	33	44	8	1	3	0	2	3	1	0	1	1	0	97
	06:30	0	39	54	8	4	1	0	4	7	2	0	0	0	0	119
	06:45	0	39	44	9	6	3	1	4	6	0	0	0	3	1	116
	07:00	0	65	41	5	2	1	0	2	6	2	0	0	1	0	125
	07:15	0	63	55	1	6	3	0	7	6	1	0	0	2	3	147
	07:30	0	59	56	2	6	2	1	5	13	0	0	0	3	3	150
	07:45	0	63	66	2	3	1	0	4	8	2	0	0	3	1	153
	08:00	1	58	67	0	5	4	0	1	10	1	0	1	2	3	153
	08:15	0	42	51	3	4	0	0	5	12	3	0	0	1	2	123
	08:30	0	58	65	0	5	1	0	6	8	2	0	0	0	0	145
	08:45	0	42	62	3	2	2	1	1	13	0	0	0	3	1	130
	09:00	0	39	60	2	6	1	0	3	18	2	0	0	0	2	133
	09:15	0	28	63	1	1	4	0	0	13	1	0	0	5	0	116
	09:30	0	40	46	1	3	1	0	1	18	2	0	0	1	0	113
	09:45	0	35	46	2	0	1	0	3	16	4	0	0	4	0	111
	10:00	0	36	69	1	3	3	0	2	18	3	0	1	2	0	138
	10:15	0	39	47	0	4	0	0	2	11	2	0	0	3	1	109
	10:30	1	42	57	2	5	2	0	0	15	1	0	0	2	1	128
	10:45	1	47	50	1	6	2	0	2	16	2	0	0	4	0	131
	11:00	1	38	64	0	2	3	0	3	9	4	0	0	5	0	129
	11:15	0	37	52	0	3	3	0	2	18	2	0	0	4	0	121
	11:30	0	53	65	3	3	2	0	2	21	1	0	0	3	0	153
	11:45	0	40	54	0	3	0	0	2	19	2	0	0	4	0	124
	12:00	0	45	57	2	1	2	0	1	13	0	0	0	4	1	126
	12:15	0	50	63	3	1	2	0	2	17	2	0	0	2	0	142

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	60	63	1	1	4	0	0	15	0	0	2	5	0	151
Wed	12:45	1	53	69	0	3	3	0	3	13	1	0	0	6	0	152
	13:00	0	59	65	3	0	2	0	2	19	3	0	0	3	0	156
	13:15	0	63	58	0	8	0	0	2	21	2	0	0	3	1	158
	13:30	0	49	69	0	3	2	0	1	20	3	0	0	1	0	148
	13:45	2	57	60	3	5	2	0	1	14	0	0	0	4	0	148
	14:00	0	59	64	4	5	1	0	0	11	1	0	0	2	2	149
	14:15	0	52	64	4	5	0	0	5	19	4	0	2	1	0	156
	14:30	0	68	69	3	3	2	0	3	15	1	0	0	5	1	170
	14:45	2	52	71	1	5	2	0	1	17	2	0	0	6	1	160
	15:00	0	71	75	1	4	3	0	1	19	2	0	0	4	0	180
	15:15	0	72	102	2	2	0	0	5	22	4	0	0	0	1	210
	15:30	2	93	64	1	2	1	0	4	11	1	0	0	2	1	182
	15:45	1	81	78	1	2	2	0	3	16	4	0	1	5	0	194
	16:00	0	104	77	1	3	0	0	7	14	2	0	0	4	1	213
	16:15	2	88	74	1	1	1	0	0	14	1	0	0	4	0	186
	16:30	3	90	87	0	1	2	0	3	15	2	0	0	2	1	206
	16:45	0	116	89	2	6	0	0	3	16	0	0	0	0	1	233
	17:00	0	115	104	1	8	1	0	2	13	0	0	0	5	1	250
	17:15	0	124	99	0	4	0	0	1	14	2	0	0	1	0	245
	17:30	2	113	83	0	1	0	0	1	15	2	0	0	1	0	218
	17:45	0	95	76	0	5	1	1	5	21	3	0	0	2	3	212
	18:00	0	86	62	0	3	1	0	3	13	0	0	0	3	3	174
	18:15	1	81	66	2	4	0	0	2	7	0	0	0	3	0	166
	18:30	0	81	51	0	1	0	0	4	5	0	0	0	2	0	144
	18:45	0	70	54	0	2	0	0	1	10	2	0	0	1	1	141
	19:00	0	57	56	2	1	0	0	2	13	1	0	0	1	0	133
	19:15	0	54	44	1	1	0	0	5	15	1	0	0	1	0	122
	19:30	0	60	43	1	1	0	0	0	7	0	0	0	1	0	113
	19:45	0	51	37	0	2	1	0	2	11	1	0	0	3	0	108
	20:00	0	60	33	0	1	0	0	2	9	0	3	0	2	0	110
	20:15	0	62	49	0	3	0	0	3	7	0	0	0	1	0	125
	20:30	0	50	37	0	1	0	0	1	3	0	0	0	3	0	95
	20:45	0	56	27	0	0	0	0	4	2	0	1	1	1	0	92
	21:00	2	44	31	0	1	0	0	0	8	0	0	0	1	0	87
	21:15	0	48	33	0	0	0	0	0	8	0	0	0	1	0	90
	21:30	0	38	15	0	0	1	0	1	4	0	1	0	2	0	62
	21:45	0	25	14	0	0	1	0	2	14	0	0	0	0	0	56
	22:00	0	27	18	0	1	0	0	2	6	0	1	0	3	0	58
	22:15	0	25	13	0	0	0	0	0	7	0	0	0	2	2	49
	22:30	0	11	21	0	1	1	0	2	3	0	1	1	1	1	43
	22:45	0	19	14	0	0	0	0	2	6	0	0	0	0	0	41
	23:00	0	16	9	0	1	0	0	2	1	0	0	0	0	0	29
	23:15	0	14	6	1	1	0	0	0	5	1	0	0	0	1	29
	23:30	1	6	14	0	1	1	0	0	3	0	0	1	1	0	28
	23:45	0	18	13	0	0	0	0	0	4	0	0	0	0	0	35
Daily Total :		24	4138	4035	100	215	88	4	194	904	91	9	18	174	50	10044
Percent :		0%	41%	40%	1%	2%	1%	0%	2%	9%	1%	0%	0%	2%	0%	
Average :		0	43	42	1	2	1	0	2	9	1	0	0	2	1	104

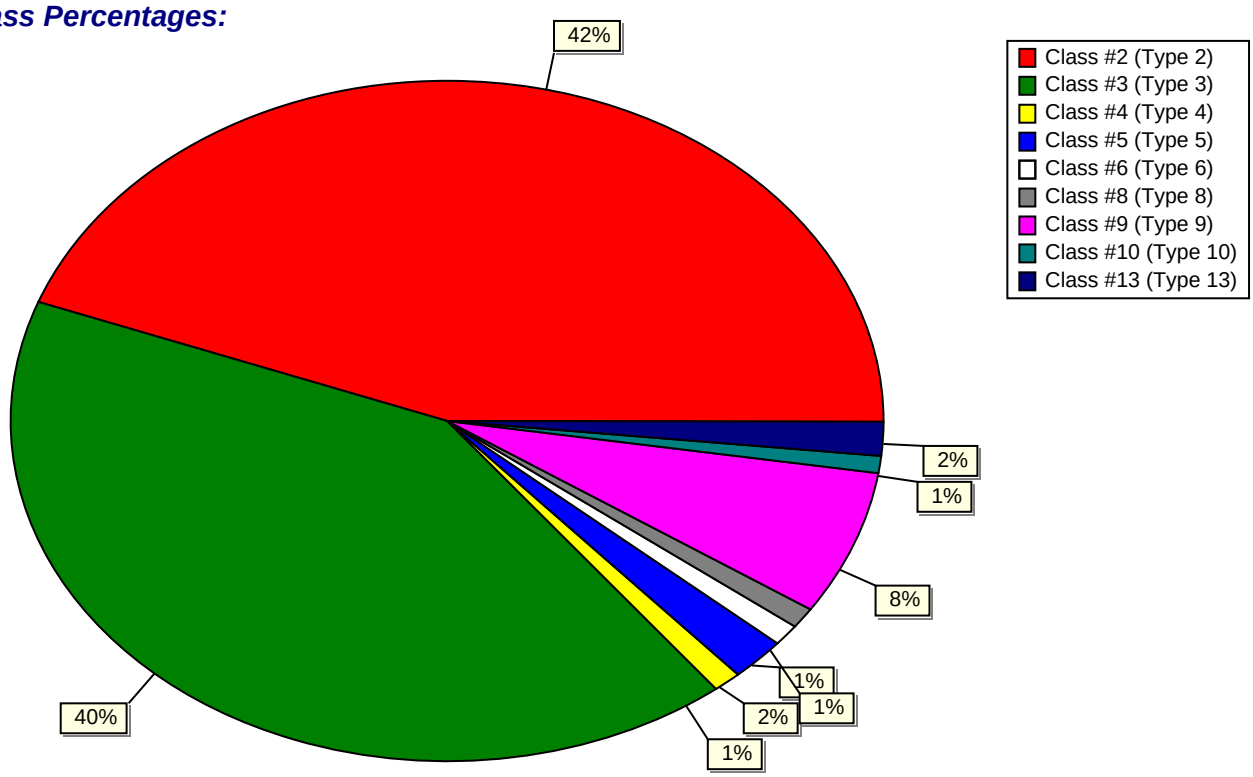
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	6	6	1	0	0	0	0	4	0	0	0	1	0	18
Thu	00:15	0	9	9	1	0	0	0	0	6	0	0	1	0	0	26
	00:30	0	11	6	0	1	0	0	0	4	0	0	0	0	1	23
	00:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	01:00	0	4	3	0	0	0	0	1	2	0	1	1	2	0	14
	01:15	0	0	1	0	0	0	0	0	3	0	0	0	0	0	4
	01:30	0	5	3	0	0	0	0	2	3	0	0	0	0	0	13
	01:45	0	2	2	0	0	0	0	0	1	0	0	0	0	0	5
	02:00	0	6	3	0	1	0	0	0	0	0	0	0	2	0	12
	02:15	0	6	6	0	1	0	0	1	3	1	0	0	0	0	18
	02:30	0	4	2	0	0	1	0	0	1	0	0	0	1	0	9
	02:45	0	0	4	0	1	0	0	0	4	0	0	0	0	0	9
	03:00	0	5	2	0	0	0	0	2	3	0	0	1	1	0	14
	03:15	0	0	1	0	0	0	0	0	2	0	0	1	0	0	4
	03:30	0	9	3	0	0	0	0	0	3	0	0	1	1	0	17
	03:45	0	5	10	0	0	0	0	0	2	0	0	0	0	0	17
	04:00	0	8	3	0	0	0	0	1	3	0	0	0	0	0	15
	04:15	0	3	7	1	1	0	0	0	6	0	0	1	0	1	20
	04:30	0	18	11	1	1	1	0	1	1	0	0	0	1	0	35
	04:45	0	8	18	1	0	1	0	1	1	0	0	0	1	0	31
	05:00	0	11	11	0	1	1	0	3	5	0	0	0	1	1	34
	05:15	0	8	10	0	0	2	0	0	9	1	0	0	0	1	31
	05:30	0	16	18	0	2	0	0	0	3	0	0	0	2	0	41
	05:45	0	21	27	1	1	1	1	1	6	0	0	1	0	0	60
	06:00	0	17	40	2	2	1	0	3	1	0	0	0	2	0	68
	06:15	0	32	33	7	1	0	0	2	7	0	0	0	0	0	82
	06:30	0	35	53	10	5	1	0	1	9	0	0	0	1	0	115
	06:45	0	49	42	9	2	1	0	3	4	0	0	0	2	0	112
	07:00	0	49	40	4	3	2	1	1	7	0	0	1	2	1	111
	07:15	0	54	44	0	3	3	0	2	4	2	0	1	3	0	116
	07:30	0	66	51	1	6	3	0	4	5	0	0	0	4	0	140
	07:45	0	51	66	0	1	2	0	2	9	0	0	0	3	1	135
	08:00	0	47	46	1	6	4	0	8	11	3	0	0	3	0	129
	08:15	0	45	60	1	3	3	0	0	9	3	0	0	2	0	126
	08:30	0	51	40	4	4	3	0	1	9	2	0	0	2	1	117
	08:45	0	23	32	0	3	0	0	0	6	0	0	0	1	0	65
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		0	687	715	45	49	30	2	40	156	12	1	9	38	7	1791
Percent :		0%	38%	40%	3%	3%	2%	0%	2%	9%	1%	0%	1%	2%	0%	
Average :		0	19	19	1	1	1	0	1	4	0	0	0	1	0	47

Basic Axle Class Summary: 2D0041456

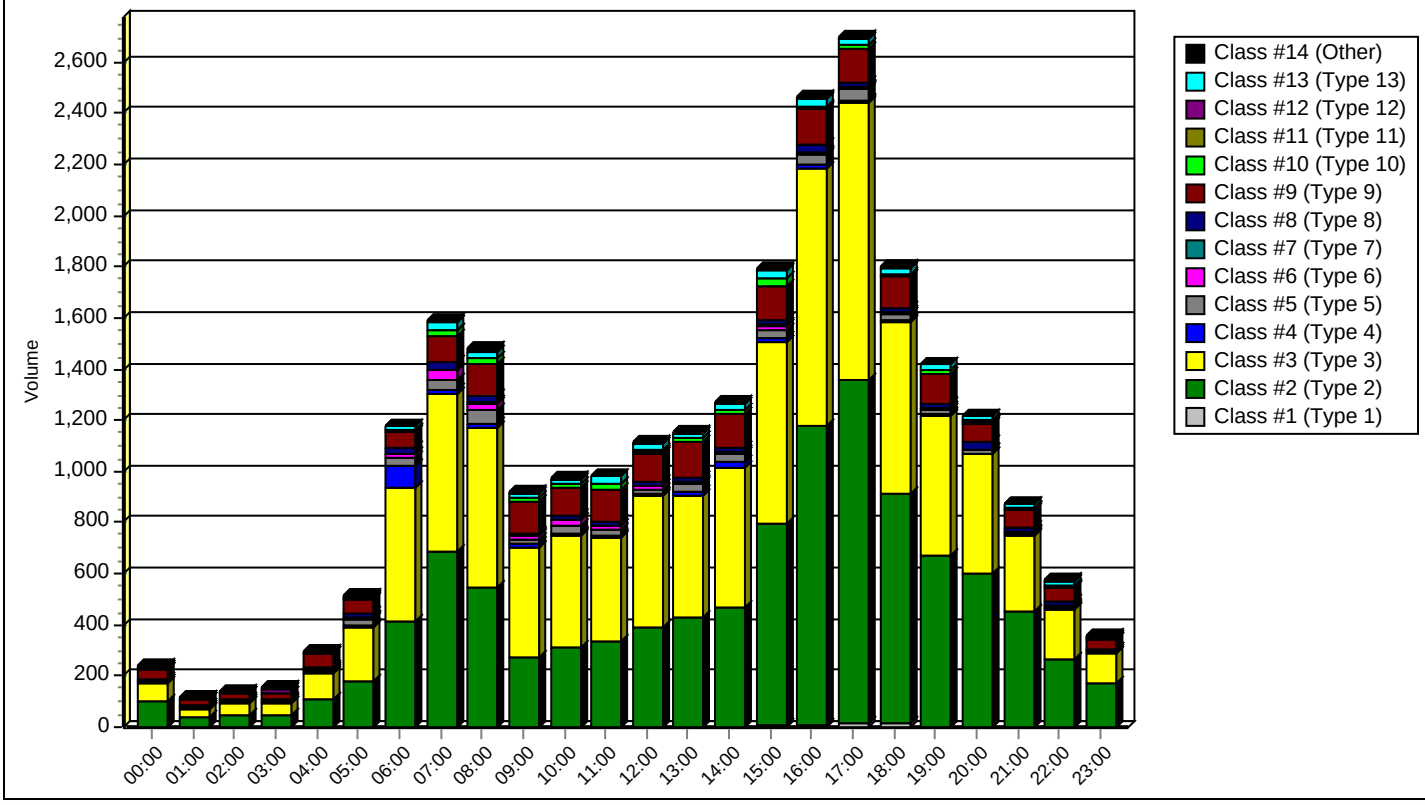
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	71	10718	10186	271	518	238	13	380	2125	240	13	49	421	109	25352
		71	10718	10186	271	518	238	13	380	2125	240	13	49	421	109	25352
Percents :	#1.	0%	42%	40%	1%	2%	1%	0%	1%	8%	1%	0%	0%	2%	0%	100%
		0%	42%	40%	1%	2%	1%	0%	1%	8%	1%	0%	0%	2%	0%	
Average :	#1.	0	41	39	1	2	1	0	1	8	1	0	0	2	0	96
		0	41	39	1	2	1	0	1	8	1	0	0	2	0	96
Days & ADT :	#1.	2.7	9253													
		2.7	9253													

2D0041456 Axle Class Charts For Data From: 15:30 - 04/11/2011 To: 09:29 - 04/14/2011

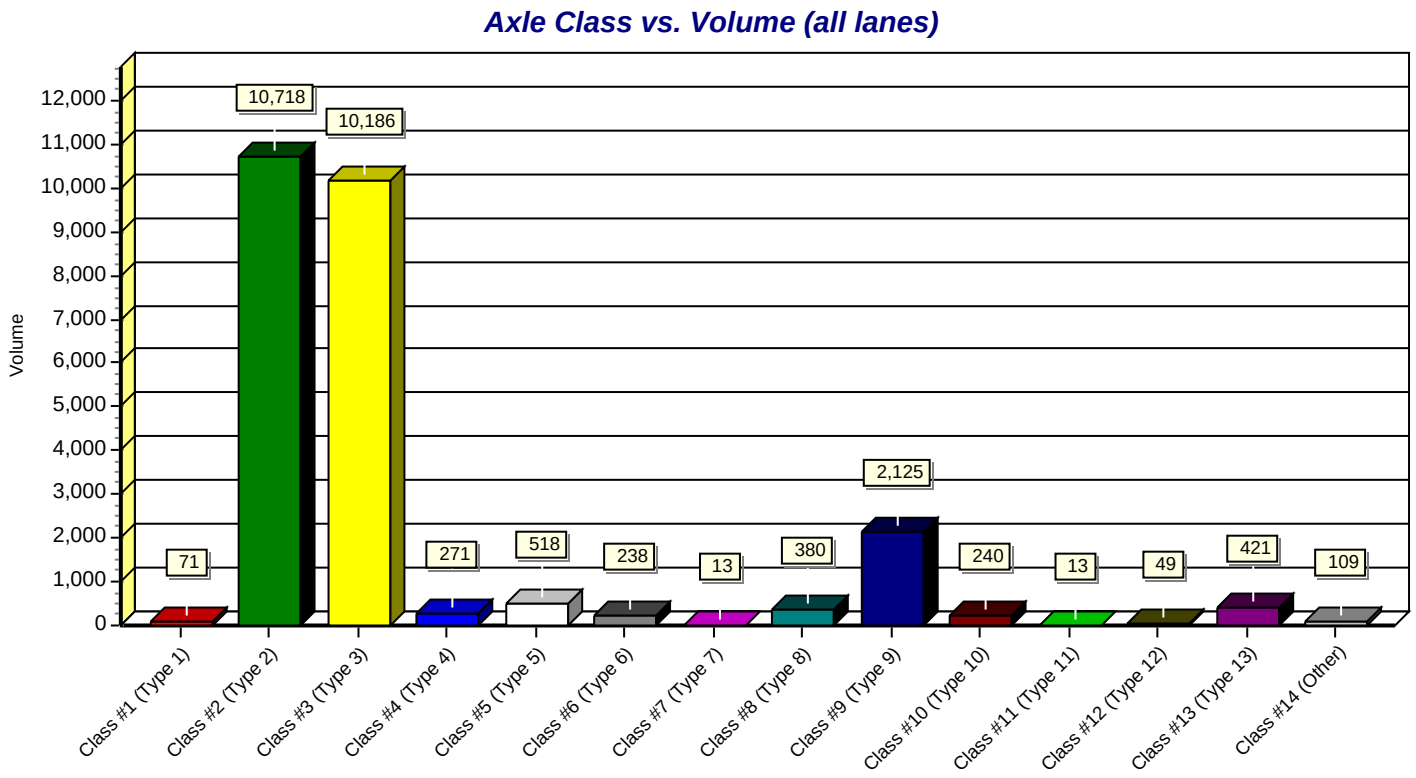
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0041456 Axle Class Charts For Data From: 15:30 - 04/11/2011 To: 09:29 - 04/14/2011



Basic Speed Classification Report: 2D0041456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB DR LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 15:30 - 04/11/2011 To: 09:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	15:30	0	0	0	0	0	0	0	0	10	33	79	43	7	1	0	0	173
Mon	15:45	0	0	0	0	0	0	0	0	11	31	79	42	3	0	0	0	166
	16:00	0	0	0	0	0	0	0	1	5	37	87	48	11	1	0	0	190
	16:15	0	0	0	0	0	0	0	5	4	39	84	51	9	1	0	0	193
	16:30	0	0	0	0	0	0	0	0	3	37	114	42	13	2	0	0	211
	16:45	0	0	0	0	0	0	0	0	3	21	101	77	5	2	1	0	210
	17:00	1	0	0	0	0	0	0	0	5	52	121	59	7	1	0	0	246
	17:15	1	0	0	0	0	0	1	1	3	48	126	58	3	0	0	0	241
	17:30	0	0	0	0	0	0	0	2	4	34	115	52	2	2	0	0	211
	17:45	0	0	0	0	0	0	0	2	5	25	87	63	8	0	0	0	190
	18:00	1	0	0	0	0	0	1	0	2	19	83	53	16	3	0	0	178
	18:15	0	0	0	0	0	0	0	0	1	22	65	40	10	2	0	0	140
	18:30	0	0	0	0	0	0	0	0	4	14	61	48	8	1	2	0	138
	18:45	0	0	0	0	0	0	0	0	0	34	54	27	1	1	0	0	117
	19:00	0	0	0	0	0	0	0	1	2	23	55	28	4	0	0	0	113
	19:15	0	0	0	0	0	0	0	0	3	25	57	24	5	0	0	0	114
	19:30	0	0	0	0	0	0	0	1	1	14	55	28	8	1	0	0	108
	19:45	0	0	0	0	0	0	0	0	3	16	60	30	0	1	0	0	110
	20:00	0	0	0	0	0	0	0	0	4	12	56	25	4	0	0	0	101
	20:15	0	0	0	0	0	0	0	0	0	21	54	22	6	0	0	0	103
	20:30	0	0	0	0	0	0	0	0	4	18	49	19	3	1	0	0	94
	20:45	0	0	0	0	0	0	0	0	6	19	38	10	1	0	0	0	74
	21:00	0	0	0	0	0	0	0	1	5	22	36	18	2	1	0	0	85
	21:15	0	0	0	0	0	0	0	0	8	16	38	11	1	0	0	0	74
	21:30	0	0	0	0	0	0	0	1	1	9	45	14	1	0	1	0	72
	21:45	0	0	0	0	0	0	0	0	2	13	30	12	0	0	0	0	57
	22:00	0	0	0	0	0	0	0	0	3	10	27	6	1	0	0	0	47
	22:15	0	0	0	0	0	0	0	0	4	11	40	13	0	0	0	0	68
	22:30	0	0	0	0	0	0	0	0	2	12	27	8	1	1	1	0	52
	22:45	0	0	0	0	0	0	0	0	2	8	13	4	0	0	0	0	27
	23:00	0	0	0	0	0	0	0	1	5	8	22	3	0	0	0	0	39
	23:15	0	0	0	0	0	0	0	1	1	8	10	2	1	0	0	0	23
	23:30	0	0	0	0	0	0	0	0	4	6	19	9	1	0	0	0	39
	23:45	0	0	0	0	0	0	0	1	2	6	11	2	0	0	0	0	22
Daily Total :		3	0	0	0	0	0	2	18	122	723	1998	991	142	22	5	0	4026
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	3%	18%	50%	25%	4%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	4	21	59	29	4	1	0	0	96

Speeds - Average: 67.9 50% : 67.9 67% : 69.6 85% : 72.9 10mph Pace: 65.0 - 74.9 (74.2%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	1	3	7	8	3	0	0	0	0	22
Tue	00:15	0	0	0	0	0	0	0	0	3	2	9	1	0	0	0	0	15
	00:30	0	0	0	0	0	0	1	0	3	4	7	3	0	0	0	0	18
	00:45	0	0	0	0	0	0	0	0	2	2	9	6	0	0	0	0	19
	01:00	0	0	0	0	0	0	0	0	1	4	12	0	1	0	0	0	18
	01:15	0	0	0	0	0	0	0	0	1	2	2	4	0	1	0	0	10
	01:30	0	0	0	0	0	0	0	0	0	1	3	2	1	0	0	0	7
	01:45	0	0	0	0	0	0	0	0	0	1	3	3	0	0	0	0	7
	02:00	0	0	0	0	0	0	0	0	0	1	7	1	0	0	0	0	9
	02:15	0	0	0	0	0	0	0	1	0	5	9	0	0	0	0	0	15
	02:30	0	0	0	0	0	0	0	0	0	1	5	3	1	0	0	0	10
	02:45	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5
	03:00	0	0	0	0	0	0	0	1	1	2	3	0	0	0	0	0	7
	03:15	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	6
	03:30	0	0	0	0	0	0	0	0	0	1	9	1	1	0	0	0	12
	03:45	0	0	0	0	0	0	0	0	0	4	2	6	1	0	0	0	13
	04:00	0	0	0	0	0	0	0	1	1	2	13	3	0	0	0	0	20
	04:15	0	0	0	0	0	0	0	0	0	3	9	5	3	0	0	0	20
	04:30	0	0	0	0	0	0	0	1	1	5	20	5	2	1	0	0	35
	04:45	0	0	0	0	0	0	1	1	1	7	12	2	1	0	0	0	25
	05:00	0	0	0	0	0	0	0	1	2	2	13	5	1	0	0	0	24
	05:15	0	0	0	0	0	0	0	0	0	4	18	11	0	0	0	0	33
	05:30	0	0	0	0	0	0	0	0	1	6	23	18	0	0	0	0	48
	05:45	0	0	0	0	0	0	0	0	1	8	28	21	5	0	1	0	64
	06:00	0	0	0	0	0	1	0	0	2	11	38	17	3	0	0	0	72
	06:15	0	0	0	0	0	0	0	1	4	7	44	25	6	2	0	0	89
	06:30	0	0	0	0	0	0	0	1	10	8	43	47	5	0	0	0	114
	06:45	0	0	0	0	0	0	0	2	8	14	53	35	6	2	0	0	120
	07:00	0	0	0	0	0	0	0	2	6	13	48	27	5	0	0	0	101
	07:15	0	0	0	0	0	0	0	0	1	20	67	42	3	1	0	0	134
	07:30	0	0	0	0	0	0	0	0	2	19	65	41	6	0	0	0	133
	07:45	0	0	0	0	0	0	0	1	4	23	59	52	7	0	0	0	146
	08:00	0	0	0	0	0	0	0	1	3	11	51	36	9	3	1	0	115
	08:15	0	0	0	0	0	0	0	1	6	20	63	15	1	1	0	0	107
	08:30	1	0	0	0	0	0	0	2	17	45	63	8	4	0	0	0	140
	08:45	0	0	0	0	0	0	0	2	5	31	63	24	5	1	0	0	131
	09:00	0	0	1	0	0	0	1	0	3	32	48	25	5	0	0	0	115
	09:15	1	0	0	0	0	1	3	2	4	21	49	19	2	0	0	0	102
	09:30	0	0	0	0	0	0	0	1	8	10	55	28	3	1	0	0	106
	09:45	1	0	0	0	0	0	0	3	2	24	69	22	2	1	0	0	124
	10:00	1	0	0	1	0	1	0	1	5	30	39	17	3	0	0	0	98
	10:15	0	0	0	0	0	0	0	1	7	20	74	16	2	1	1	0	122
	10:30	0	0	0	0	0	0	0	4	13	23	59	26	1	0	0	0	126
	10:45	0	0	0	0	0	0	0	0	9	29	62	17	4	1	0	0	122
	11:00	0	0	0	0	0	0	0	0	1	22	67	16	3	0	0	0	109
	11:15	0	0	0	0	0	0	1	4	9	20	55	21	1	0	0	0	111
	11:30	0	0	1	0	0	0	0	0	4	23	59	22	1	2	0	0	112
	11:45	0	0	0	0	0	0	0	0	6	26	69	21	3	2	0	0	127
	12:00	0	0	0	0	1	0	0	0	2	26	58	23	8	3	0	0	121
	12:15	0	0	0	0	0	0	0	0	4	20	64	37	1	2	0	0	128

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	1	0	0	0	0	0	0	12	36	63	28	2	0	0	0	142
Tue	12:45	0	0	0	0	0	0	0	1	1	29	86	32	5	0	0	0	154
	13:00	0	0	0	0	0	0	0	3	7	36	57	20	2	0	0	0	125
	13:15	3	0	0	0	0	0	0	1	16	37	53	24	0	0	0	0	134
	13:30	0	0	0	0	0	0	0	2	4	32	66	31	4	0	0	0	139
	13:45	1	0	0	0	0	0	0	1	4	35	74	24	9	1	0	0	149
	14:00	0	0	0	0	0	0	0	0	3	24	64	48	5	2	0	0	146
	14:15	0	0	1	0	0	1	0	2	5	38	79	33	8	0	0	0	167
	14:30	1	0	0	0	0	0	0	1	14	32	69	44	12	0	0	0	173
	14:45	0	0	0	0	0	0	1	0	4	25	66	51	2	0	0	0	149
	15:00	0	0	0	0	0	0	3	1	6	40	92	31	4	0	0	0	177
	15:15	0	0	0	0	0	0	1	1	3	31	77	36	5	0	0	0	154
	15:30	0	0	0	0	0	0	0	1	10	33	89	41	8	2	0	0	184
	15:45	0	0	0	0	0	0	0	1	8	30	76	50	11	1	0	0	177
	16:00	0	0	0	0	0	0	0	1	2	32	110	48	14	1	0	0	208
	16:15	0	0	0	0	0	0	1	2	3	50	101	37	3	1	0	0	198
	16:30	0	0	0	0	0	0	0	1	6	46	113	41	5	0	0	0	212
	16:45	0	0	0	0	0	0	0	0	3	46	103	43	7	0	0	0	202
	17:00	0	0	0	0	0	1	1	5	5	32	121	64	13	0	0	0	242
	17:15	0	0	0	1	0	0	0	0	5	47	125	56	4	2	0	0	240
	17:30	1	0	0	0	0	0	0	1	6	39	105	42	7	2	1	0	204
	17:45	0	0	0	0	0	0	2	0	1	20	113	56	7	1	1	0	201
	18:00	0	0	0	0	0	0	0	1	3	20	90	57	11	0	0	0	182
	18:15	0	0	0	0	0	0	0	0	1	22	80	42	7	2	0	0	154
	18:30	0	0	0	0	0	0	1	0	2	15	66	37	6	0	0	0	127
	18:45	0	0	0	0	0	0	0	0	1	19	81	39	3	1	0	0	144
	19:00	0	0	0	0	0	0	0	0	1	20	56	52	4	1	0	0	134
	19:15	1	0	0	0	0	0	0	1	0	24	53	42	2	1	1	0	125
	19:30	0	0	0	0	0	0	0	2	4	28	61	22	3	0	2	0	122
	19:45	0	0	0	0	0	0	0	0	2	23	67	26	1	0	0	0	119
	20:00	0	0	0	0	0	0	0	0	2	17	59	30	3	4	0	0	115
	20:15	0	0	0	0	0	0	0	1	0	22	70	26	9	2	0	0	130
	20:30	1	0	0	0	0	0	0	2	4	25	47	11	1	0	1	0	92
	20:45	0	0	0	0	0	0	0	0	2	21	47	15	2	0	0	0	87
	21:00	0	0	0	0	0	0	0	0	3	14	52	19	3	0	0	0	91
	21:15	0	0	0	0	0	0	0	0	2	10	38	25	4	0	0	0	79
	21:30	0	0	0	0	0	0	0	0	2	9	34	17	0	2	1	0	65
	21:45	0	0	0	0	0	0	1	0	1	12	29	10	3	1	0	0	57
	22:00	0	0	0	0	0	0	0	0	0	6	30	17	2	3	0	0	58
	22:15	0	0	0	0	0	0	0	1	4	8	23	9	3	0	0	0	48
	22:30	1	0	0	0	0	0	1	0	1	4	24	16	1	0	0	0	48
	22:45	0	0	0	0	0	0	0	0	1	5	19	12	1	0	0	0	38
	23:00	0	0	0	0	0	0	0	0	1	4	16	8	2	0	0	0	31
	23:15	0	0	0	0	0	0	0	0	2	7	8	7	1	0	0	0	25
	23:30	0	0	0	0	0	0	0	0	3	5	5	12	1	0	0	0	26
	23:45	0	0	0	0	0	0	0	0	1	5	15	9	0	0	0	0	30

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		13	1	3	2	1	5	19	69	337	1740	4687	2223	326	55	10	0	9491
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	18%	49%	23%	3%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	4	18	49	23	3	1	0	0	119

Speeds - Average: 67.6 50% : 67.8 67% : 69.5 85% : 72.8 10mph Pace: 65.0 - 74.9 (72.8%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	3	9	15	5	0	0	0	0	32
Wed	00:15	0	0	0	0	0	0	0	0	0	10	9	1	0	0	0	0	20
	00:30	0	0	0	0	0	0	0	0	0	6	16	5	0	1	0	0	28
	00:45	0	0	0	0	0	0	0	0	1	5	8	1	0	0	0	0	15
	01:00	0	0	0	0	0	0	0	0	1	1	9	2	0	0	0	0	13
	01:15	0	0	0	0	0	0	0	0	0	0	3	2	2	1	0	0	8
	01:30	0	0	0	0	0	0	0	0	1	0	5	3	0	0	0	0	9
	01:45	0	0	0	0	0	0	0	0	2	3	4	2	0	0	0	0	11
	02:00	0	0	0	0	0	0	0	0	0	1	8	5	0	0	0	0	14
	02:15	0	0	0	0	0	0	0	0	0	4	7	3	0	1	0	0	15
	02:30	0	0	0	0	0	0	0	0	0	4	5	0	0	0	0	0	9
	02:45	0	0	0	0	0	0	0	0	2	1	5	4	0	0	0	0	12
	03:00	0	0	0	0	0	0	0	0	0	0	12	2	1	0	0	0	15
	03:15	0	0	0	0	0	0	0	0	2	1	7	3	0	0	0	0	13
	03:30	0	0	0	0	0	0	0	0	0	4	5	8	1	0	0	0	18
	03:45	0	0	0	0	0	0	0	0	1	3	8	8	0	0	0	0	20
	04:00	0	0	0	0	0	0	0	1	1	5	7	2	0	0	0	0	16
	04:15	0	0	0	0	0	0	0	0	0	7	4	7	0	0	0	0	18
	04:30	0	0	0	0	0	0	0	0	2	4	17	14	1	0	1	0	39
	04:45	0	0	0	0	0	0	1	0	2	5	7	5	4	0	0	0	24
	05:00	0	0	0	0	0	0	0	0	0	6	16	5	1	0	0	0	28
	05:15	0	0	0	0	0	0	0	0	1	8	23	14	1	1	0	0	48
	05:30	0	0	0	0	0	0	0	0	1	4	19	13	3	1	0	0	41
	05:45	0	0	0	0	0	0	0	0	0	9	33	20	3	0	1	0	66
	06:00	0	0	0	0	0	0	0	2	2	6	39	19	5	0	0	0	73
	06:15	0	0	0	0	0	0	0	2	3	8	40	39	5	0	0	0	97
	06:30	0	0	0	0	0	0	0	0	8	8	56	38	9	0	0	0	119
	06:45	0	0	0	0	0	0	0	1	8	14	59	26	6	2	0	0	116
	07:00	0	0	0	0	0	0	0	1	7	12	55	41	7	2	0	0	125
	07:15	0	0	0	0	0	0	0	1	2	19	70	44	11	0	0	0	147
	07:30	0	0	0	0	0	0	0	1	6	13	76	42	12	0	0	0	150
	07:45	0	0	0	0	0	0	1	1	2	26	67	51	5	0	0	0	153
	08:00	0	0	0	0	0	0	0	1	5	26	71	41	9	0	0	0	153
	08:15	0	0	0	0	0	0	0	0	6	21	58	27	9	1	1	0	123
	08:30	0	0	0	0	0	0	0	0	3	17	77	34	12	2	0	0	145
	08:45	0	0	0	0	0	0	0	0	7	20	56	43	4	0	0	0	130
	09:00	0	0	0	0	0	0	0	1	6	29	68	22	5	2	0	0	133
	09:15	0	0	0	0	0	0	0	3	5	16	52	35	4	1	0	0	116
	09:30	0	0	0	0	0	0	0	1	3	13	55	32	5	4	0	0	113
	09:45	0	0	0	0	1	0	0	0	2	11	53	36	7	1	0	0	111
	10:00	0	0	0	0	0	0	0	0	5	29	75	23	5	1	0	0	138
	10:15	0	0	0	0	0	0	0	1	2	21	50	25	7	3	0	0	109
	10:30	0	0	0	0	0	0	2	1	11	32	53	24	3	2	0	0	128
	10:45	0	0	0	0	0	0	0	0	5	26	70	21	8	1	0	0	131
	11:00	0	0	0	0	0	0	0	1	4	13	70	31	8	2	0	0	129
	11:15	0	0	0	0	0	0	0	0	6	17	51	41	5	1	0	0	121
	11:30	0	0	0	0	0	0	0	0	3	23	85	33	7	2	0	0	153
	11:45	0	0	0	0	0	0	0	1	3	18	58	37	5	2	0	0	124
	12:00	0	0	0	0	0	0	0	0	3	26	52	38	6	1	0	0	126
	12:15	0	0	0	0	0	0	0	0	2	17	73	43	7	0	0	0	142

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	7	15	90	30	8	1	0	0	151
Wed	12:45	0	0	0	0	0	0	0	1	5	33	65	40	8	0	0	0	152
	13:00	0	0	0	0	0	0	0	0	7	27	75	39	7	1	0	0	156
	13:15	0	0	0	0	0	0	0	1	2	20	84	41	9	1	0	0	158
	13:30	0	0	0	0	0	0	0	0	1	20	76	44	7	0	0	0	148
	13:45	0	0	0	0	0	0	0	0	6	22	76	33	11	0	0	0	148
	14:00	0	0	0	0	1	0	0	1	8	38	61	33	4	3	0	0	149
	14:15	0	0	0	0	0	0	0	0	8	29	70	39	10	0	0	0	156
	14:30	0	0	0	0	0	0	0	0	6	16	74	64	8	2	0	0	170
	14:45	0	0	0	0	0	0	0	0	2	21	73	51	11	2	0	0	160
	15:00	0	1	0	0	0	0	0	0	6	34	80	49	7	3	0	0	180
	15:15	0	0	0	0	0	0	0	1	7	47	100	42	13	0	0	0	210
	15:30	0	0	0	0	0	0	0	1	9	31	79	52	10	0	0	0	182
	15:45	0	0	0	0	0	0	0	0	1	36	101	45	9	2	0	0	194
	16:00	0	0	0	0	0	0	0	0	0	35	117	52	8	1	0	0	213
	16:15	0	0	0	0	0	0	0	1	5	34	95	45	6	0	0	0	186
	16:30	0	0	0	0	0	1	0	2	3	37	105	51	7	0	0	0	206
	16:45	1	0	0	0	0	0	0	2	5	22	110	79	8	5	1	0	233
	17:00	0	0	0	0	0	0	0	0	3	24	145	69	8	1	0	0	250
	17:15	0	0	0	0	0	0	0	0	2	35	127	70	7	2	2	0	245
	17:30	0	0	0	0	0	0	0	2	12	35	99	63	7	0	0	0	218
	17:45	0	0	0	0	0	0	0	1	2	33	100	65	10	0	1	0	212
	18:00	0	0	0	0	0	1	0	0	5	22	81	54	9	2	0	0	174
	18:15	0	0	0	0	0	0	0	0	1	18	82	49	14	2	0	0	166
	18:30	0	0	0	0	0	0	0	0	2	10	74	45	10	2	1	0	144
	18:45	0	0	0	0	0	0	0	0	5	20	75	36	3	2	0	0	141
	19:00	0	0	0	0	0	0	0	0	0	14	69	41	8	1	0	0	133
	19:15	0	0	0	0	0	0	0	0	2	15	70	28	6	1	0	0	122
	19:30	0	0	0	0	0	0	0	0	2	16	66	24	4	1	0	0	113
	19:45	0	0	0	0	0	0	0	1	2	9	66	21	8	1	0	0	108
	20:00	0	0	0	0	0	0	0	0	2	14	50	33	10	1	0	0	110
	20:15	0	0	0	0	0	0	0	0	8	20	63	32	2	0	0	0	125
	20:30	0	0	0	0	0	0	0	0	5	28	53	8	0	1	0	0	95
	20:45	0	0	0	0	0	0	0	1	6	21	42	16	6	0	0	0	92
	21:00	0	0	0	0	0	0	0	0	5	18	39	23	2	0	0	0	87
	21:15	0	0	0	0	0	0	0	0	0	22	46	18	4	0	0	0	90
	21:30	0	0	0	0	0	0	0	0	4	16	23	16	2	1	0	0	62
	21:45	0	0	0	0	0	0	0	0	1	12	37	6	0	0	0	0	56
	22:00	0	0	0	0	0	0	0	0	1	10	27	16	2	1	1	0	58
	22:15	0	0	0	0	0	0	0	0	3	7	25	8	4	2	0	0	49
	22:30	0	0	0	0	0	0	0	0	1	2	25	12	3	0	0	0	43
	22:45	0	0	0	0	0	0	0	0	5	8	19	9	0	0	0	0	41
	23:00	0	0	0	0	0	0	0	1	1	6	9	10	2	0	0	0	29
	23:15	0	0	0	0	0	0	0	0	2	4	14	8	1	0	0	0	29
	23:30	0	0	0	0	0	0	0	0	1	6	12	7	2	0	0	0	28
	23:45	0	0	0	0	0	0	0	0	1	10	13	10	1	0	0	0	35

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	1	0	0	2	2	4	36	311	1553	4923	2646	479	77	9	0	10044
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	3%	15%	49%	26%	5%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	3	16	51	28	5	1	0	0	99

Speeds - Average: 68.2 50% : 68.2 67% : 70.0 85% : 73.3 10mph Pace: 65.0 - 74.9 (75.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	1	0	0	0	0	0	0	0	0	3	8	5	1	0	0	0	18
Thu	00:15	0	0	0	0	0	0	0	1	2	5	14	2	2	0	0	0	26
	00:30	0	0	0	0	0	0	0	0	0	4	11	8	0	0	0	0	23
	00:45	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	5
	01:00	0	0	0	0	0	0	0	0	1	3	7	3	0	0	0	0	14
	01:15	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
	01:30	0	0	0	0	0	0	0	1	0	5	6	1	0	0	0	0	13
	01:45	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
	02:00	0	0	0	0	0	0	0	0	1	0	8	2	1	0	0	0	12
	02:15	0	0	0	0	0	0	0	1	3	2	11	1	0	0	0	0	18
	02:30	0	0	0	0	0	0	0	0	1	2	3	2	1	0	0	0	9
	02:45	0	0	0	0	0	0	0	0	2	1	6	0	0	0	0	0	9
	03:00	0	0	0	0	0	0	0	1	0	3	7	3	0	0	0	0	14
	03:15	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	4
	03:30	0	0	0	0	0	0	0	0	2	4	7	3	1	0	0	0	17
	03:45	0	0	0	0	0	0	1	0	0	4	7	5	0	0	0	0	17
	04:00	0	0	0	0	0	0	0	0	1	1	6	6	0	1	0	0	15
	04:15	0	0	0	0	0	0	0	0	2	5	8	5	0	0	0	0	20
	04:30	0	0	0	0	0	0	0	1	3	6	10	14	1	0	0	0	35
	04:45	0	0	0	0	0	0	0	1	2	2	8	10	4	2	2	0	31
	05:00	0	0	0	0	0	0	0	0	2	8	15	6	2	1	0	0	34
	05:15	0	0	0	0	0	0	0	0	0	8	13	9	1	0	0	0	31
	05:30	0	0	0	0	0	0	0	0	1	7	17	10	4	0	2	0	41
	05:45	0	0	0	0	0	0	0	0	2	11	25	16	5	1	0	0	60
	06:00	0	0	0	0	0	0	0	0	5	9	38	11	5	0	0	0	68
	06:15	0	0	0	0	0	0	0	1	4	13	35	22	6	0	1	0	82
	06:30	0	0	0	0	0	0	0	3	12	13	58	28	1	0	0	0	115
	06:45	0	0	0	0	0	0	0	1	13	20	49	20	9	0	0	0	112
	07:00	0	0	0	0	0	0	1	0	6	14	50	37	3	0	0	0	111
	07:15	0	0	0	0	0	0	0	1	3	14	67	24	7	0	0	0	116
	07:30	0	0	0	0	0	0	1	0	3	25	91	20	0	0	0	0	140
	07:45	0	0	0	0	0	0	0	0	10	35	64	26	0	0	0	0	135
	08:00	0	1	0	0	0	0	0	0	12	37	51	26	2	0	0	0	129
	08:15	0	0	0	0	0	0	1	1	14	38	52	19	1	0	0	0	126
	08:30	0	0	0	0	0	0	0	3	9	41	49	14	1	0	0	0	117
	08:45	1	0	0	0	0	0	0	1	2	22	28	11	0	0	0	0	65
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		2	1	0	0	0	0	4	17	119	371	838	371	58	5	5	0	1791
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	7%	21%	47%	21%	3%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	3	10	23	10	2	0	0	0	104

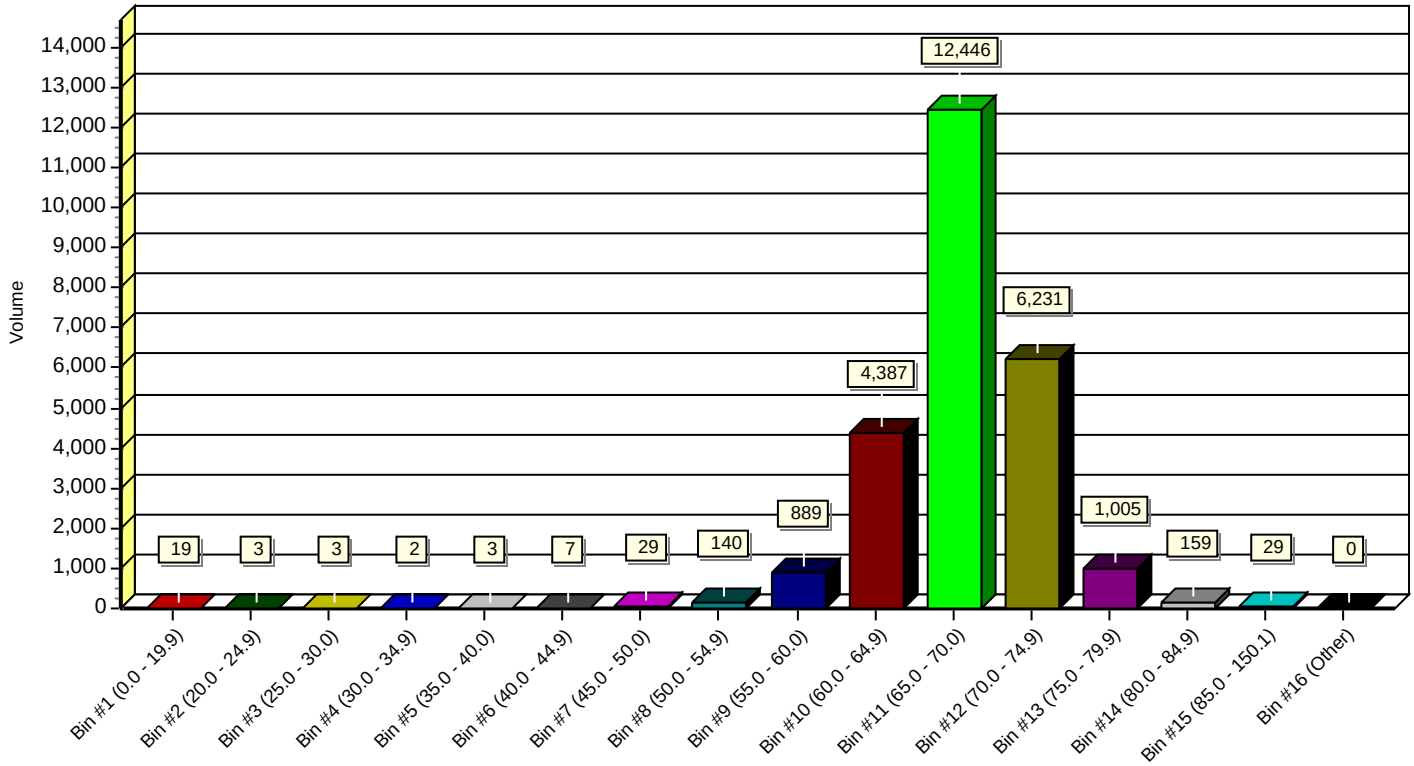
Speeds - Average: 67.0 50% : 67.4 67% : 69.1 85% : 72.4 10mph Pace: 65.0 - 74.9 (67.5%)

Basic Speed Class Summary: 2D0041456

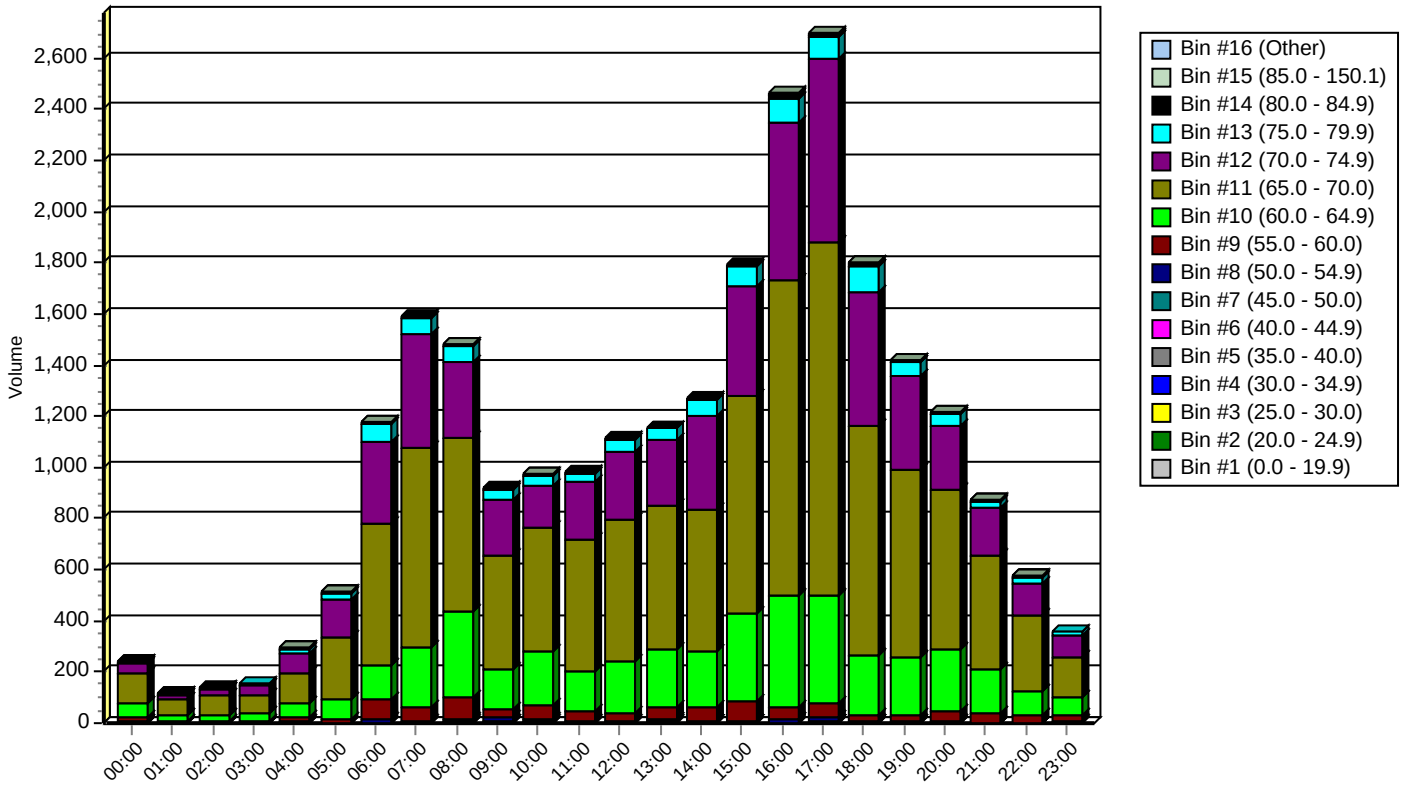
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	19	3	3	2	3	7	29	140	889	4387	12446	6231	1005	159	29	0	25352
		19	3	3	2	3	7	29	140	889	4387	12446	6231	1005	159	29	0	25352
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	4%	17%	49%	25%	4%	1%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	4%	17%	49%	25%	4%	1%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	1	3	17	47	24	4	1	0	0	97
		0	0	0	0	0	0	0	1	3	17	47	24	4	1	0	0	97
Days & ADT :	#1.	2.7	9253															
		2.7	9253															
Avg,50,67,85%:	#1.	67.9	67.9	69.7	72.9	65.0	- 74.9	74%										
		67.9	67.9	69.7	72.9	65.0	- 74.9	74%										

2D0041456 Speed Class Charts For Data From: 15:30 - 04/11/2011 To: 09:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0041456

Station ID : 2P0041456
Info Line 1 : 90994510
Info Line 2 : I-90 E OF 27TH
GPS Lat/Lon :
DB File : 2P0041456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11443
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 15:15 - 04/11/2011 To: 09:29 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	15:15	0	40	16	0	0	0	0	0	1	0	0	0	1	0	58
Mon	15:30	0	37	21	0	2	0	0	0	1	0	0	0	1	1	63
	15:45	0	34	20	0	0	0	0	0	0	1	0	0	0	0	55
	16:00	1	47	22	0	2	3	0	0	2	0	0	0	1	1	79
	16:15	0	56	32	0	2	1	0	0	1	0	0	0	0	0	92
	16:30	0	65	25	0	0	0	0	1	1	0	0	0	0	1	93
	16:45	1	52	28	0	1	0	0	0	3	0	0	0	0	0	85
	17:00	0	67	42	0	0	1	1	0	1	0	0	0	1	0	113
	17:15	0	73	47	0	0	0	0	1	2	0	0	0	1	1	125
	17:30	2	60	31	0	0	0	0	1	0	0	0	0	0	0	94
	17:45	0	59	28	0	1	0	0	0	0	0	0	0	0	0	88
	18:00	1	36	18	0	0	0	0	1	4	0	0	0	0	0	60
	18:15	0	20	14	0	0	0	0	0	0	0	0	0	0	0	34
	18:30	0	15	16	0	0	0	0	0	0	0	0	0	0	0	31
	18:45	0	15	5	0	0	0	0	0	0	0	0	0	0	0	20
	19:00	0	19	12	0	0	0	0	0	0	1	0	0	0	0	32
	19:15	0	13	6	0	0	0	0	0	0	0	0	0	0	0	19
	19:30	0	16	6	0	0	0	0	0	0	0	0	0	0	0	22
	19:45	0	18	12	0	0	0	0	0	0	0	0	0	1	0	31
	20:00	0	18	7	1	0	0	0	0	0	0	0	0	0	0	26
	20:15	0	20	5	0	0	0	0	0	0	0	0	0	1	1	27
	20:30	0	10	5	0	0	0	0	0	0	0	0	0	0	0	15
	20:45	0	9	5	0	0	0	0	0	0	0	0	0	0	0	14
	21:00	0	11	7	0	0	0	0	0	0	0	0	1	0	0	19
	21:15	0	9	5	0	0	0	0	0	0	0	0	0	0	0	14
	21:30	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	21:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:15	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	22:30	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	22:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	23:45	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
Daily Total :		5	851	450	1	8	5	1	4	16	2	0	1	7	5	1356
Percent :		0%	63%	33%	0%	1%	0%	0%	0%	1%	0%	0%	0%	1%	0%	
Average :		0	24	13	0	0	0	0	0	0	0	0	0	0	0	37

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	01:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
	04:45	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	05:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:30	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
	05:45	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
	06:00	0	8	4	0	0	0	0	0	1	1	0	0	0	0	14
	06:15	1	11	11	0	0	0	0	0	0	0	0	0	0	0	23
	06:30	0	16	12	0	1	0	0	1	1	0	0	0	0	0	31
	06:45	0	23	14	0	0	0	0	0	2	0	0	0	0	0	39
	07:00	0	25	9	0	0	0	0	0	0	0	0	0	0	1	35
	07:15	0	16	15	0	0	0	0	0	2	0	0	0	0	0	33
	07:30	0	20	18	0	0	0	0	0	1	0	0	0	0	2	41
	07:45	0	25	30	0	0	0	0	0	0	0	0	0	0	0	55
	08:00	0	19	11	0	0	1	0	0	0	0	0	0	0	1	32
	08:15	0	11	8	0	1	0	0	0	0	0	0	0	1	0	21
	08:30	0	12	18	0	0	0	0	1	0	0	0	0	0	1	32
	08:45	0	21	17	0	0	1	0	0	0	1	0	0	0	0	40
	09:00	0	11	13	1	0	0	0	1	0	0	0	0	0	0	26
	09:15	0	15	24	0	0	1	0	0	3	0	0	0	0	0	43
	09:30	0	13	7	0	0	2	0	0	1	0	0	0	0	0	23
	09:45	0	16	11	0	0	0	0	0	4	0	0	0	2	1	34
	10:00	0	24	37	1	1	0	0	0	7	1	0	0	1	1	73
	10:15	0	13	7	0	0	0	0	0	5	0	0	0	0	1	26
	10:30	0	15	12	1	0	0	0	0	0	0	0	0	0	0	28
	10:45	0	18	16	0	1	0	0	0	1	0	0	0	0	0	36
	11:00	0	11	10	0	0	0	0	0	1	0	0	0	1	0	23
	11:15	0	14	18	0	0	0	0	0	1	0	0	0	0	1	34
	11:30	0	19	8	0	0	0	0	0	0	2	0	0	1	0	30
	11:45	1	32	9	0	0	0	0	0	1	0	0	0	0	0	43
	12:00	0	20	12	0	0	0	0	0	2	0	0	0	1	0	35
	12:15	0	13	7	0	0	0	0	0	1	0	0	0	1	0	22

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	22	25	0	0	2	0	0	0	1	0	0	0	0	50
Tue	12:45	0	15	15	0	3	0	0	0	2	1	0	0	0	4	40
	13:00	0	28	13	0	0	0	0	1	2	0	0	0	0	1	45
	13:15	0	37	29	0	2	1	0	0	3	0	0	0	0	0	72
	13:30	0	29	15	0	0	1	0	0	6	0	0	0	0	1	52
	13:45	0	27	19	1	0	0	0	0	1	0	0	1	2	1	52
	14:00	0	27	18	0	0	0	0	1	4	1	0	0	0	0	51
	14:15	0	31	24	0	0	0	0	0	2	1	0	0	0	0	58
	14:30	1	31	25	0	1	0	0	0	4	3	0	0	1	0	66
	14:45	0	26	19	0	2	0	0	0	2	1	0	0	0	1	51
	15:00	0	40	23	1	1	1	0	3	4	0	0	0	0	1	74
	15:15	0	38	24	0	1	0	0	1	1	2	0	0	3	0	70
	15:30	0	37	21	0	0	0	0	0	2	0	0	0	0	0	60
	15:45	0	50	34	0	1	2	0	1	3	0	0	0	1	2	94
	16:00	0	53	19	0	0	1	0	0	1	1	0	0	1	1	77
	16:15	0	62	29	0	0	1	0	1	2	1	0	0	0	1	97
	16:30	0	58	37	0	0	0	0	0	3	1	0	0	0	2	101
	16:45	0	57	52	1	0	1	0	1	3	0	0	1	2	1	119
	17:00	0	74	42	0	0	0	0	1	3	2	0	0	0	2	124
	17:15	0	75	41	0	0	0	0	1	1	0	0	0	0	0	118
	17:30	0	79	42	1	1	0	0	1	4	1	0	0	0	1	130
	17:45	0	53	28	0	0	0	0	0	1	1	0	0	0	0	83
	18:00	0	33	27	0	0	0	0	0	1	0	0	0	0	0	61
	18:15	1	34	23	0	0	0	0	0	1	0	0	0	0	0	59
	18:30	0	30	13	0	0	0	0	0	2	0	0	0	0	1	46
	18:45	0	20	12	0	0	0	0	0	0	1	0	0	1	0	34
	19:00	0	29	11	0	0	0	0	0	0	0	0	0	0	0	40
	19:15	0	22	16	0	0	0	0	0	0	0	0	0	1	0	39
	19:30	0	20	10	0	0	0	0	0	0	0	0	0	0	0	30
	19:45	0	24	6	0	0	0	0	0	1	0	0	0	0	1	32
	20:00	0	14	12	0	0	0	0	0	0	0	0	0	1	0	27
	20:15	0	20	9	0	0	0	0	0	2	1	0	0	0	1	33
	20:30	0	8	1	0	0	0	0	0	0	0	0	0	1	0	10
	20:45	0	12	8	0	0	0	0	0	0	0	0	0	0	0	20
	21:00	0	10	6	0	0	0	0	0	2	0	0	0	0	0	18
	21:15	0	8	6	0	0	0	0	0	1	0	0	0	0	0	15
	21:30	0	10	1	0	0	0	0	0	1	0	0	0	0	0	12
	21:45	0	1	5	0	0	0	0	0	0	0	0	0	0	0	6
	22:00	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	22:15	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	22:30	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	22:45	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		4	1728	1146	7	16	15	0	15	101	25	0	2	22	31	3112
Percent :		0%	56%	37%	0%	1%	0%	0%	0%	3%	1%	0%	0%	1%	1%	
Average :		0	18	12	0	0	0	0	0	1	0	0	0	0	0	31

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Wed	00:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	00:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	04:45	0	2	0	0	0	0	0	0	2	0	0	0	0	0	4
	05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	05:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	06:00	0	2	7	0	0	0	0	0	1	1	0	0	1	0	12
	06:15	0	14	9	0	0	0	0	0	1	0	0	0	0	0	24
	06:30	0	18	11	0	0	0	0	0	1	0	0	0	0	0	30
	06:45	0	15	13	0	0	0	0	0	0	1	0	0	0	1	30
	07:00	0	22	8	0	1	0	0	0	0	0	0	0	0	0	31
	07:15	0	24	8	1	0	0	0	0	1	0	0	0	0	0	34
	07:30	0	36	16	0	0	0	0	1	0	1	0	0	1	0	55
	07:45	0	22	16	0	0	0	0	0	0	0	0	0	0	0	38
	08:00	0	25	23	0	0	0	0	0	0	0	0	0	1	0	49
	08:15	0	16	20	0	0	0	0	0	0	0	0	0	2	0	38
	08:30	0	22	15	0	0	0	0	0	2	0	0	0	0	0	39
	08:45	0	27	16	0	0	0	0	0	1	0	0	0	1	1	46
	09:00	0	23	15	1	0	0	0	0	1	1	0	0	0	1	42
	09:15	0	14	10	0	0	0	0	1	3	1	0	0	0	0	29
	09:30	0	17	13	0	0	1	0	0	2	0	0	0	0	0	33
	09:45	0	7	9	0	0	1	0	0	0	0	0	0	1	0	18
	10:00	0	14	9	0	0	0	0	0	3	1	0	0	1	1	29
	10:15	0	10	9	0	0	1	0	0	3	1	0	0	0	0	24
	10:30	0	19	17	0	0	1	0	1	0	1	0	0	0	0	39
	10:45	0	21	14	0	0	0	0	1	0	0	0	0	0	1	37
	11:00	1	16	13	0	0	0	0	0	2	1	0	0	0	1	34
	11:15	0	18	10	0	1	0	0	0	1	0	0	0	0	0	30
	11:30	0	20	12	0	1	0	0	0	4	0	0	0	0	0	37
	11:45	0	14	16	0	0	0	0	0	5	0	0	0	0	0	35
	12:00	0	16	10	0	0	0	0	0	2	0	0	0	0	0	28
	12:15	0	21	19	0	0	0	0	0	0	0	0	0	0	0	40

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	20	10	0	0	0	0	0	0	1	0	0	0	0	31
Wed	12:45	0	21	16	0	1	0	0	0	5	0	0	0	0	0	43
	13:00	0	18	28	1	0	0	0	0	2	0	0	0	1	0	50
	13:15	1	21	13	0	1	0	0	0	2	0	0	0	1	0	39
	13:30	0	18	13	0	0	0	0	0	1	0	0	0	2	2	36
	13:45	0	30	17	0	0	0	0	0	6	1	0	0	0	0	54
	14:00	1	28	19	0	0	0	0	0	4	0	0	0	1	0	53
	14:15	0	26	11	0	0	1	0	0	4	0	0	0	0	0	42
	14:30	1	17	19	2	3	0	0	0	4	0	0	0	2	5	53
	14:45	0	21	24	0	0	0	0	2	2	0	0	0	2	1	52
	15:00	0	36	28	0	3	0	0	0	4	0	0	0	2	1	74
	15:15	0	43	21	0	1	1	0	2	2	1	0	0	0	0	71
	15:30	1	42	22	0	0	0	0	0	5	2	0	0	2	1	75
	15:45	0	42	27	0	0	0	0	2	2	0	0	0	0	0	73
	16:00	1	48	29	0	0	1	0	1	1	0	0	0	1	0	82
	16:15	0	52	21	0	0	0	0	1	1	0	0	0	1	1	77
	16:30	1	68	38	0	0	1	0	2	0	1	0	0	3	0	114
	16:45	0	63	33	0	0	0	0	0	0	0	0	0	0	0	96
	17:00	5	65	51	0	0	1	0	1	2	3	0	0	2	5	135
	17:15	0	66	46	0	0	1	0	1	0	0	0	0	2	3	119
	17:30	2	63	28	0	0	0	0	3	0	1	0	0	1	2	100
	17:45	2	58	30	0	0	0	0	4	1	0	0	0	3	1	99
	18:00	6	44	24	0	1	1	0	1	0	1	0	0	0	2	80
	18:15	1	45	19	0	1	0	0	3	0	0	0	0	0	1	70
	18:30	0	24	16	0	0	0	1	0	1	0	0	0	0	0	42
	18:45	2	22	11	0	0	1	0	1	3	0	0	0	2	0	42
	19:00	1	19	7	0	0	0	0	0	0	0	0	0	0	1	28
	19:15	1	11	7	0	0	0	0	0	0	0	0	0	0	0	19
	19:30	0	15	5	0	0	1	0	5	2	1	0	0	0	0	29
	19:45	1	17	2	0	0	0	0	0	0	0	0	0	0	1	21
	20:00	0	16	6	0	0	0	0	0	0	0	0	0	0	1	23
	20:15	1	20	8	0	0	1	1	1	1	0	0	0	1	0	34
	20:30	0	11	5	0	0	0	0	0	0	1	0	0	1	0	18
	20:45	1	9	8	0	0	0	0	0	2	0	0	0	0	0	20
	21:00	0	5	7	0	0	0	0	0	0	0	0	0	0	0	12
	21:15	1	11	2	0	0	0	0	0	0	0	0	0	0	0	14
	21:30	1	9	1	0	1	1	0	0	0	0	0	0	0	0	13
	21:45	2	6	2	0	0	0	0	0	0	0	0	0	0	1	11
	22:00	0	2	3	0	1	0	0	0	0	0	0	0	0	0	6
	22:15	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	22:30	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	22:45	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	23:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	23:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Daily Total :		34	1665	1031	5	17	15	2	34	95	22	0	1	38	35	2994
Percent :		1%	56%	34%	0%	1%	1%	0%	1%	3%	1%	0%	0%	1%	1%	
Average :		0	17	11	0	0	0	0	0	1	0	0	0	0	0	29

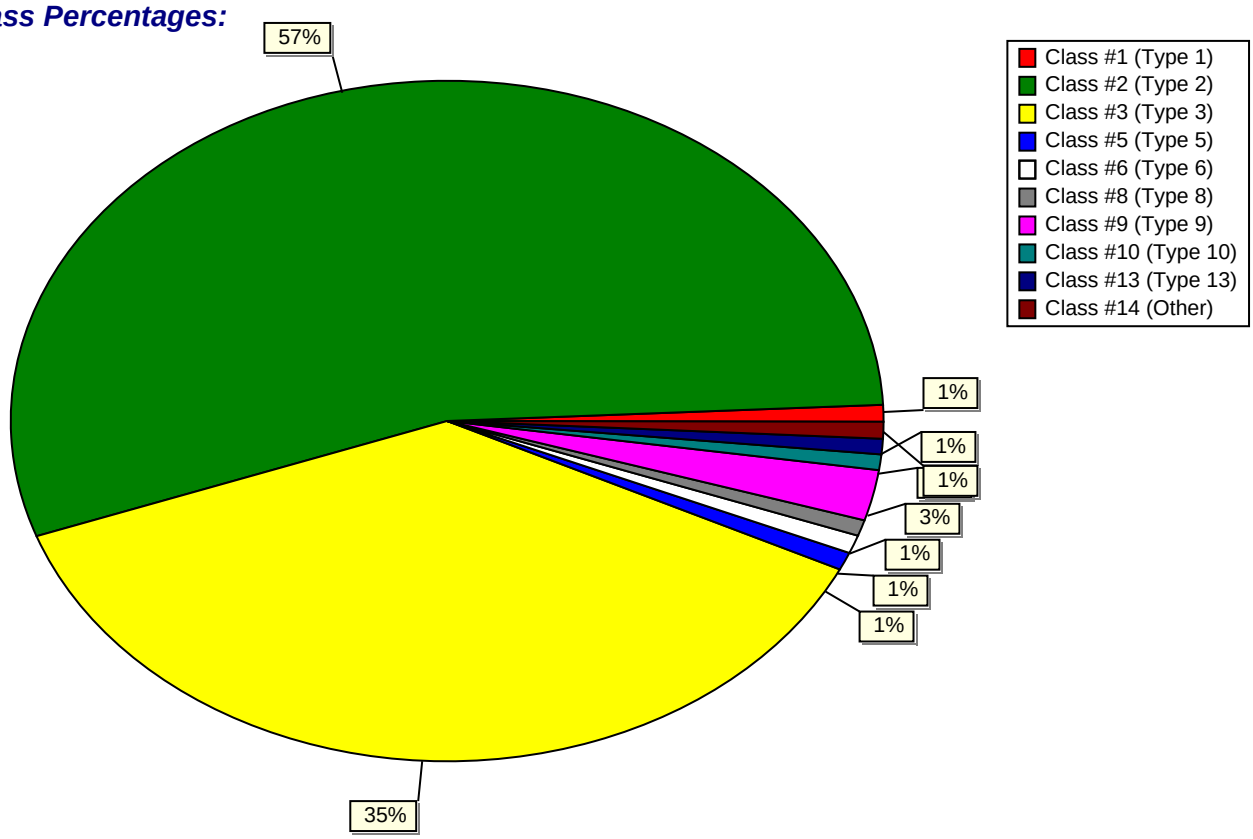
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	00:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	03:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	03:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	1	2	0	0	0	0	0	1	0	0	0	0	0	4
	04:30	0	2	1	0	0	0	0	0	0	0	0	0	0	1	4
	04:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
	05:30	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	05:45	0	6	3	0	0	2	0	0	0	0	0	0	0	0	11
	06:00	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	06:15	0	10	7	0	0	0	0	0	2	0	0	0	0	1	20
	06:30	0	16	17	0	0	0	0	1	0	0	0	0	0	0	34
	06:45	2	18	12	0	0	0	0	0	0	0	0	0	1	0	33
	07:00	1	23	8	0	0	1	0	1	0	0	0	0	0	0	34
	07:15	0	23	8	0	0	0	0	0	0	0	0	0	0	0	31
	07:30	1	28	12	0	0	0	0	1	0	0	0	0	0	0	42
	07:45	0	23	13	0	0	1	0	1	0	0	0	0	0	0	38
	08:00	0	13	8	0	0	0	1	0	0	1	0	0	1	0	24
	08:15	0	17	15	0	0	1	0	0	0	0	0	0	3	0	36
	08:30	1	21	7	0	0	1	1	0	1	0	0	0	1	0	33
	08:45	0	10	5	0	1	0	0	0	1	0	0	0	0	0	17
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		5	228	129	0	2	6	2	4	5	1	0	0	7	2	391
Percent :		1%	58%	33%	0%	1%	2%	1%	1%	1%	0%	0%	0%	2%	1%	
Average :		0	6	3	0	0	0	0	0	0	0	0	0	0	0	9

Basic Axle Class Summary: 2P0041456

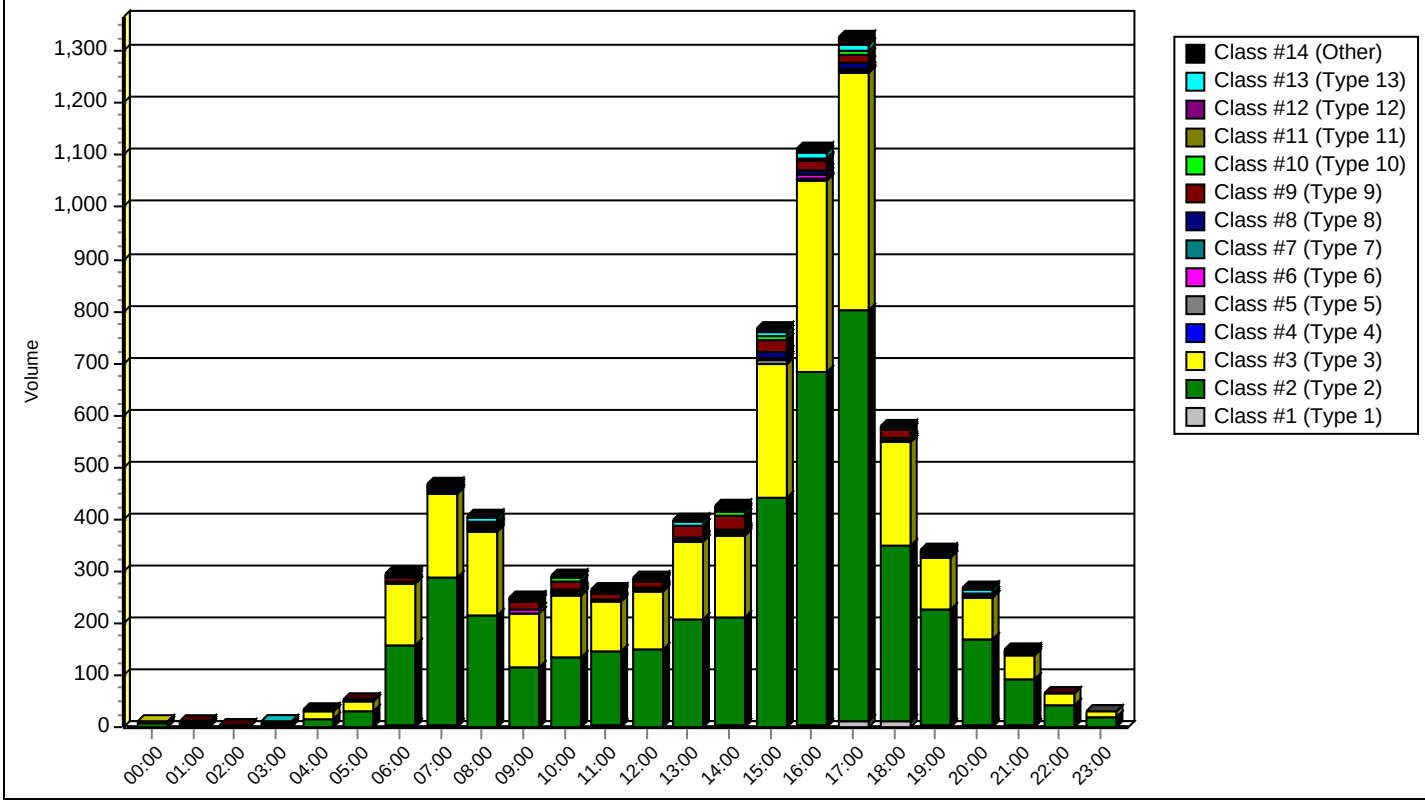
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	48	4472	2756	13	43	41	5	57	217	50	0	4	74	73	7853
		48	4472	2756	13	43	41	5	57	217	50	0	4	74	73	7853
Percents :	#1.	1%	57%	35%	0%	1%	1%	0%	1%	3%	1%	0%	0%	1%	1%	100%
		1%	57%	35%	0%	1%	1%	0%	1%	3%	1%	0%	0%	1%	1%	
Average :	#1.	0	17	10	0	0	0	0	0	1	0	0	0	0	0	28
		0	17	10	0	0	0	0	0	1	0	0	0	0	0	28
Days & ADT :	#1.	2.7	2855													
		2.7	2855													

2P0041456 Axle Class Charts For Data From: 15:15 - 04/11/2011 To: 09:29 - 04/14/2011

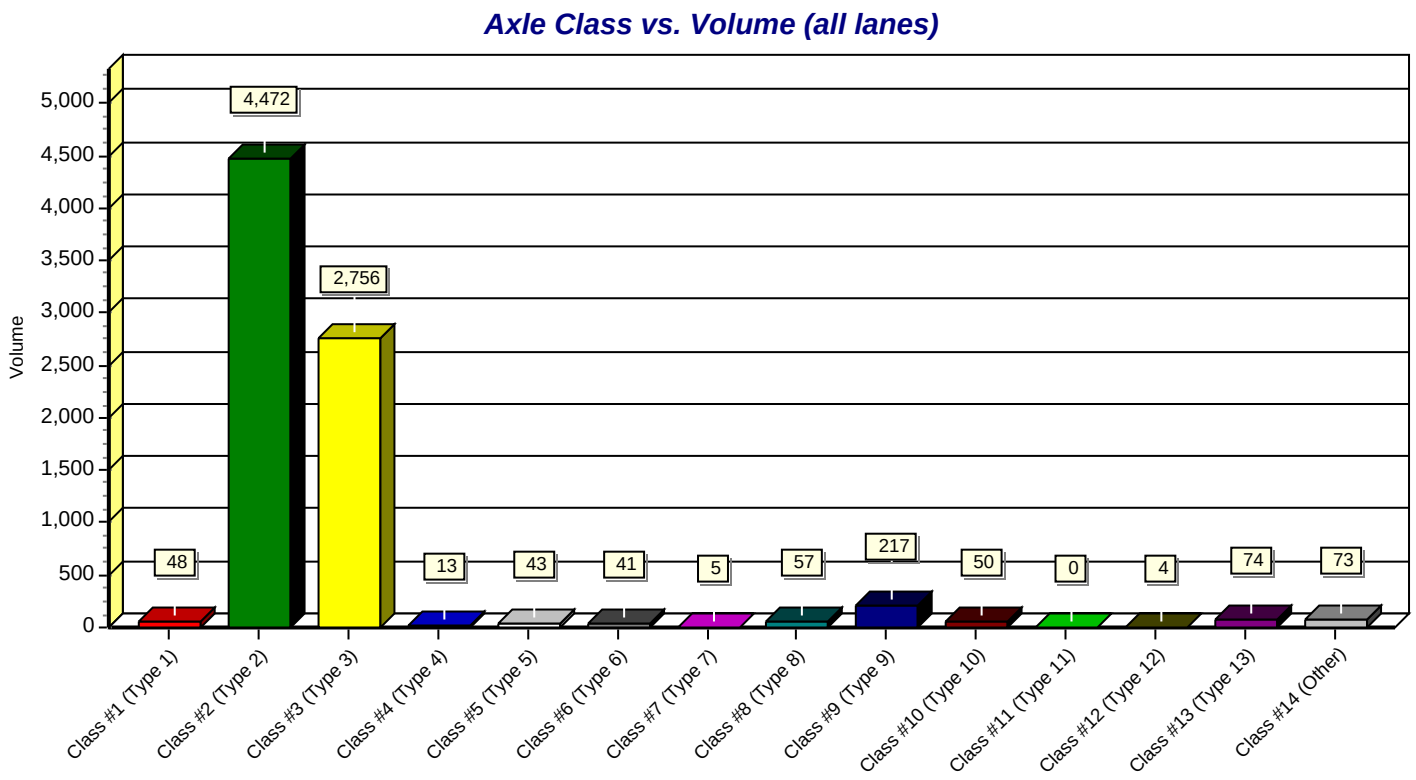
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0041456 Axle Class Charts For Data From: 15:15 - 04/11/2011 To: 09:29 - 04/14/2011



Basic Speed Classification Report: 2P0041456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB PASS LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 15:15 - 04/11/2011 To: 09:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	15:15	0	0	0	0	0	0	0	0	1	13	33	8	3	0	0	0	58
Mon	15:30	0	0	0	0	0	0	0	0	1	15	30	15	2	0	0	0	63
	15:45	0	0	0	0	0	0	0	0	0	10	36	8	1	0	0	0	55
	16:00	0	0	0	0	0	0	0	0	0	16	50	10	2	1	0	0	79
	16:15	0	0	0	0	0	0	0	0	1	12	50	25	4	0	0	0	92
	16:30	0	0	0	0	0	0	0	0	0	8	57	22	6	0	0	0	93
	16:45	0	0	0	0	0	0	0	0	0	4	49	28	4	0	0	0	85
	17:00	0	0	0	0	0	0	0	0	0	11	78	22	2	0	0	0	113
	17:15	0	0	0	0	0	0	0	1	2	24	74	23	1	0	0	0	125
	17:30	0	0	0	0	0	0	0	0	1	8	62	22	1	0	0	0	94
	17:45	0	0	0	0	0	0	0	0	0	9	59	14	6	0	0	0	88
	18:00	0	0	0	0	0	0	0	0	0	4	37	19	0	0	0	0	60
	18:15	0	0	0	0	0	0	0	0	0	2	22	9	0	0	1	0	34
	18:30	0	0	0	0	0	0	0	0	0	1	15	11	3	1	0	0	31
	18:45	0	0	0	0	0	0	0	0	0	1	15	3	1	0	0	0	20
	19:00	0	0	0	0	0	0	0	0	0	6	19	6	1	0	0	0	32
	19:15	0	0	0	0	0	0	0	0	0	5	13	1	0	0	0	0	19
	19:30	0	0	0	0	0	0	0	0	0	4	15	3	0	0	0	0	22
	19:45	0	0	0	0	0	0	0	0	0	3	19	8	1	0	0	0	31
	20:00	0	0	0	0	0	0	0	0	0	4	19	2	1	0	0	0	26
	20:15	0	0	0	0	0	0	0	0	0	6	14	6	0	0	1	0	27
	20:30	0	0	0	0	0	0	0	0	0	2	12	1	0	0	0	0	15
	20:45	0	0	0	0	0	0	0	0	0	3	10	1	0	0	0	0	14
	21:00	0	0	0	0	0	0	0	0	0	7	10	2	0	0	0	0	19
	21:15	0	0	0	0	0	0	0	0	0	3	9	1	1	0	0	0	14
	21:30	0	0	0	0	0	0	0	0	0	3	5	2	0	0	0	0	10
	21:45	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	8
	22:30	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	6
	22:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	23:00	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	5
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
Daily Total :		0	0	0	0	0	0	0	1	6	200	828	277	40	2	2	0	1356
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	15%	61%	20%	3%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	6	24	8	1	0	0	0	28

Speeds - Average: 68.1 50% : 67.9 67% : 69.3 85% : 72.3 10mph Pace: 65.0 - 74.9 (81.5%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	1	2	4	0	0	0	0	7
	04:45	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	05:30	0	0	0	0	0	0	0	0	0	2	1	3	1	0	0	0	7
	05:45	0	0	0	0	0	0	0	0	0	0	3	3	1	0	0	0	7
	06:00	0	0	0	0	0	0	0	0	0	3	8	3	0	0	0	0	14
	06:15	1	0	0	0	0	0	0	0	0	2	10	8	1	1	0	0	23
	06:30	1	0	0	0	0	0	0	0	0	9	12	7	1	1	0	0	31
	06:45	0	0	0	0	0	0	0	0	0	2	20	11	6	0	0	0	39
	07:00	0	0	0	0	0	0	0	0	0	3	25	6	1	0	0	0	35
	07:15	0	0	0	0	0	0	0	0	0	0	16	16	1	0	0	0	33
	07:30	0	0	0	0	0	0	0	0	0	3	26	10	2	0	0	0	41
	07:45	0	0	0	0	0	0	0	0	0	5	32	14	3	1	0	0	55
	08:00	0	0	0	0	0	0	0	0	0	4	17	11	0	0	0	0	32
	08:15	0	0	0	0	0	0	0	0	1	3	12	3	2	0	0	0	21
	08:30	1	0	0	0	0	0	1	0	3	4	16	6	1	0	0	0	32
	08:45	0	0	0	0	0	0	0	0	1	4	27	8	0	0	0	0	40
	09:00	0	0	0	0	0	0	0	0	0	5	17	4	0	0	0	0	26
	09:15	0	0	0	0	0	0	0	0	0	7	24	10	2	0	0	0	43
	09:30	0	0	0	0	0	0	0	0	0	1	16	5	1	0	0	0	23
	09:45	0	0	0	0	0	0	0	0	0	5	18	8	3	0	0	0	34
	10:00	0	0	0	0	0	0	1	3	11	26	26	5	1	0	0	0	73
	10:15	0	0	0	0	0	0	0	0	0	4	13	8	1	0	0	0	26
	10:30	0	0	0	0	0	0	0	0	0	6	16	6	0	0	0	0	28
	10:45	0	0	0	0	0	0	0	0	0	7	21	6	1	1	0	0	36
	11:00	0	0	0	0	0	0	0	0	0	1	17	4	0	1	0	0	23
	11:15	0	0	0	0	0	0	0	0	0	6	19	9	0	0	0	0	34
	11:30	0	0	0	0	0	0	0	0	0	5	12	12	1	0	0	0	30
	11:45	0	0	0	0	0	0	0	0	0	5	25	11	2	0	0	0	43
	12:00	0	0	0	0	0	0	0	0	0	4	21	10	0	0	0	0	35
	12:15	0	0	0	0	0	0	0	0	0	2	11	7	2	0	0	0	22

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	2	5	28	13	2	0	0	0	50
Tue	12:45	0	0	0	0	0	0	0	0	1	4	20	12	2	1	0	0	40
	13:00	0	0	0	0	0	0	0	0	0	8	31	4	2	0	0	0	45
	13:15	1	0	0	0	0	0	0	0	6	23	31	11	0	0	0	0	72
	13:30	0	0	0	0	0	0	0	0	0	5	27	16	2	1	1	0	52
	13:45	0	0	0	0	0	0	0	0	1	9	25	15	2	0	0	0	52
	14:00	0	0	0	0	0	0	0	0	0	4	25	17	5	0	0	0	51
	14:15	0	0	0	0	0	0	0	0	2	11	28	16	1	0	0	0	58
	14:30	0	0	0	0	0	0	0	0	0	6	35	20	3	1	1	0	66
	14:45	0	0	0	0	0	0	0	0	0	4	33	10	4	0	0	0	51
	15:00	0	0	0	0	0	0	0	0	2	15	34	19	2	1	1	0	74
	15:15	0	0	0	0	0	0	0	0	0	6	38	22	4	0	0	0	70
	15:30	0	0	0	0	0	0	0	0	0	8	37	12	3	0	0	0	60
	15:45	1	0	0	0	0	0	0	0	0	11	49	24	8	1	0	0	94
	16:00	0	0	0	0	0	0	0	0	0	3	40	29	4	1	0	0	77
	16:15	0	0	0	0	0	0	0	0	1	11	61	20	4	0	0	0	97
	16:30	0	0	0	0	0	0	0	0	0	8	66	26	1	0	0	0	101
	16:45	0	0	0	0	0	0	0	0	0	4	82	29	3	1	0	0	119
	17:00	0	0	0	0	0	0	0	0	2	11	63	41	6	1	0	0	124
	17:15	1	0	0	0	0	0	0	0	0	6	78	30	3	0	0	0	118
	17:30	0	0	0	0	0	0	0	1	2	11	83	28	5	0	0	0	130
	17:45	0	0	0	0	0	0	0	0	0	1	41	36	3	2	0	0	83
	18:00	0	0	0	0	0	0	0	0	0	2	28	29	2	0	0	0	61
	18:15	0	0	0	0	0	0	0	0	0	3	41	9	6	0	0	0	59
	18:30	0	0	0	0	0	0	0	0	1	4	24	11	4	2	0	0	46
	18:45	0	0	0	0	0	0	0	0	0	1	24	8	1	0	0	0	34
	19:00	0	0	0	0	0	0	0	0	0	0	18	20	2	0	0	0	40
	19:15	0	0	0	0	0	0	0	0	0	4	19	12	3	1	0	0	39
	19:30	0	0	0	0	0	0	0	0	0	5	16	8	0	0	1	0	30
	19:45	0	0	0	0	0	0	0	0	0	1	20	11	0	0	0	0	32
	20:00	0	0	0	0	0	0	0	0	0	1	20	5	0	0	1	0	27
	20:15	0	0	0	0	0	0	0	0	0	1	22	10	0	0	0	0	33
	20:30	0	0	0	0	0	0	0	0	1	1	6	2	0	0	0	0	10
	20:45	0	0	0	0	0	0	0	0	0	3	13	3	1	0	0	0	20
	21:00	0	0	0	0	0	0	0	0	0	4	8	5	1	0	0	0	18
	21:15	0	0	0	0	0	0	0	0	0	3	5	6	1	0	0	0	15
	21:30	0	0	0	0	0	0	0	0	0	0	11	1	0	0	0	0	12
	21:45	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	6
	22:00	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	6
	22:15	0	0	0	0	0	0	0	0	0	1	4	4	1	0	0	0	10
	22:30	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	5
	22:45	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	5
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		6	0	0	0	0	0	2	5	38	343	1744	822	128	18	6	0	3112
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	1%	11%	56%	26%	4%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	4	18	9	1	0	0	0	39

Speeds - Average: 68.5 50% : 68.4 67% : 69.9 85% : 73.1 10mph Pace: 65.0 - 74.9 (82.5%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Wed	00:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	04:45	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	4
	05:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	05:45	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
	06:00	0	0	0	0	0	0	0	0	0	2	7	2	1	0	0	0	12
	06:15	0	0	0	0	0	0	0	0	0	2	4	14	3	1	0	0	24
	06:30	0	0	0	0	0	0	0	0	0	3	11	10	6	0	0	0	30
	06:45	0	0	0	0	0	0	0	0	0	2	13	12	3	0	0	0	30
	07:00	0	0	0	0	0	0	0	0	0	0	17	12	2	0	0	0	31
	07:15	0	0	0	0	0	0	0	0	1	3	14	12	4	0	0	0	34
	07:30	0	0	0	0	0	0	0	0	0	3	31	19	2	0	0	0	55
	07:45	0	0	0	0	0	0	0	0	1	4	17	13	3	0	0	0	38
	08:00	0	0	0	0	0	0	0	0	0	1	30	15	2	1	0	0	49
	08:15	0	0	0	0	0	0	0	0	0	1	21	13	3	0	0	0	38
	08:30	0	0	0	0	0	0	0	0	0	0	21	13	3	2	0	0	39
	08:45	0	0	0	0	0	0	0	0	0	1	23	18	3	1	0	0	46
	09:00	0	0	0	0	0	0	0	0	0	7	22	10	3	0	0	0	42
	09:15	0	0	0	0	0	0	0	0	0	5	14	9	1	0	0	0	29
	09:30	0	0	0	0	0	0	0	0	0	2	18	11	2	0	0	0	33
	09:45	0	0	0	0	0	0	0	0	0	3	9	4	2	0	0	0	18
	10:00	1	0	0	0	0	0	0	0	0	4	19	3	2	0	0	0	29
	10:15	0	0	0	0	0	0	0	0	0	3	11	7	3	0	0	0	24
	10:30	0	0	0	0	0	0	0	0	1	2	24	9	3	0	0	0	39
	10:45	0	0	0	0	0	0	0	0	0	4	22	9	1	1	0	0	37
	11:00	1	0	0	0	0	0	0	0	0	5	14	10	2	2	0	0	34
	11:15	0	0	0	0	0	0	0	0	0	0	16	10	3	1	0	0	30
	11:30	0	0	0	0	0	0	0	0	0	3	19	14	1	0	0	0	37
	11:45	0	0	0	0	0	0	0	0	0	2	14	17	2	0	0	0	35
	12:00	0	0	0	0	0	0	0	0	0	3	16	6	3	0	0	0	28
	12:15	0	0	0	0	0	0	0	0	0	2	16	19	3	0	0	0	40

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	5	16	8	2	0	0	0	31
Wed	12:45	0	0	0	0	0	0	0	0	0	5	22	13	2	0	1	0	43
	13:00	0	0	0	0	0	0	0	0	0	4	25	18	3	0	0	0	50
	13:15	0	0	0	0	0	0	0	0	1	5	15	14	4	0	0	0	39
	13:30	0	0	0	0	0	0	0	0	0	2	12	16	5	1	0	0	36
	13:45	0	0	0	0	0	0	0	0	0	4	29	16	5	0	0	0	54
	14:00	1	0	0	0	0	0	0	0	0	11	28	11	2	0	0	0	53
	14:15	0	0	0	0	0	0	0	0	0	4	18	15	4	1	0	0	42
	14:30	0	0	0	0	0	0	0	0	0	3	25	21	3	1	0	0	53
	14:45	0	0	0	0	0	0	0	0	0	2	19	22	6	1	2	0	52
	15:00	0	0	0	0	0	0	0	0	6	12	30	21	4	1	0	0	74
	15:15	0	0	0	0	0	0	0	0	0	8	38	21	4	0	0	0	71
	15:30	0	0	0	0	0	0	0	0	1	8	40	23	3	0	0	0	75
	15:45	0	0	0	0	0	0	0	0	0	2	34	26	11	0	0	0	73
	16:00	0	0	0	0	0	0	0	0	0	3	44	34	1	0	0	0	82
	16:15	0	0	0	0	0	0	0	0	0	4	53	15	4	1	0	0	77
	16:30	1	0	0	0	0	0	0	0	0	13	62	34	4	0	0	0	114
	16:45	0	0	0	0	0	0	0	0	0	2	43	45	6	0	0	0	96
	17:00	0	0	0	0	0	0	0	1	1	7	62	57	7	0	0	0	135
	17:15	0	0	0	0	0	0	0	0	0	5	64	45	5	0	0	0	119
	17:30	0	0	0	0	0	0	0	0	0	8	40	45	6	0	1	0	100
	17:45	0	0	0	0	0	0	0	0	0	2	53	39	5	0	0	0	99
	18:00	0	0	0	0	0	0	0	0	0	5	35	34	6	0	0	0	80
	18:15	0	0	0	0	0	0	0	0	0	2	30	35	3	0	0	0	70
	18:30	0	0	0	0	0	0	0	0	0	0	23	13	5	1	0	0	42
	18:45	0	0	0	0	0	0	0	0	0	2	27	12	1	0	0	0	42
	19:00	0	0	0	0	0	0	0	0	0	1	11	9	4	1	2	0	28
	19:15	0	0	0	0	0	0	0	0	0	3	9	7	0	0	0	0	19
	19:30	0	0	0	0	0	0	0	0	0	2	20	4	2	0	1	0	29
	19:45	0	0	0	0	0	0	0	0	0	3	13	4	1	0	0	0	21
	20:00	0	0	0	0	0	0	0	0	0	3	7	7	6	0	0	0	23
	20:15	0	0	0	0	0	0	0	0	1	5	20	6	2	0	0	0	34
	20:30	0	0	0	0	0	0	0	0	0	6	11	1	0	0	0	0	18
	20:45	0	0	0	0	0	0	0	0	0	1	16	3	0	0	0	0	20
	21:00	0	0	0	0	0	0	0	0	0	3	6	3	0	0	0	0	12
	21:15	0	0	0	0	0	0	0	0	0	2	7	4	0	0	1	0	14
	21:30	0	0	0	0	0	0	0	0	0	1	7	4	0	0	1	0	13
	21:45	0	0	0	0	0	0	0	0	0	1	9	1	0	0	0	0	11
	22:00	0	0	0	0	0	0	0	0	0	0	3	2	0	0	1	0	6
	22:15	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5
	22:30	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	6
	22:45	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	23:00	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	4
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	4
	23:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	0	0	0	0	0	0	1	13	240	1500	1010	197	18	11	0	2994
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	50%	34%	7%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	3	16	11	2	0	0	0	32

Speeds - Average: 69.5 50% : 69.2 67% : 71.3 85% : 73.9 10mph Pace: 65.0 - 74.9 (83.8%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	4
	04:30	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	4
	04:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	0	4	0	0	1	1	0	6
	05:45	0	0	0	0	0	0	0	0	0	0	8	3	0	0	0	0	11
	06:00	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
	06:15	0	0	0	0	0	0	0	0	0	2	11	4	0	3	0	0	20
	06:30	0	0	0	0	0	0	0	0	0	4	18	11	1	0	0	0	34
	06:45	0	0	0	0	0	0	0	0	0	5	16	10	2	0	0	0	33
	07:00	0	0	0	0	0	0	0	0	0	3	18	12	1	0	0	0	34
	07:15	0	0	0	0	0	0	0	0	0	2	22	7	0	0	0	0	31
	07:30	0	0	0	0	0	0	0	0	0	2	28	11	1	0	0	0	42
	07:45	0	0	0	0	0	0	0	0	0	7	25	6	0	0	0	0	38
	08:00	0	0	0	0	0	0	0	0	0	3	19	2	0	0	0	0	24
	08:15	0	0	0	0	0	0	0	0	1	14	17	4	0	0	0	0	36
	08:30	0	0	0	0	0	0	0	0	0	5	23	4	0	1	0	0	33
	08:45	0	0	0	0	0	0	0	0	0	5	9	3	0	0	0	0	17
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		0	0	0	0	0	0	0	0	2	56	236	82	8	5	2	0	391
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	14%	60%	21%	2%	1%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	2	6	2	0	0	0	0	32

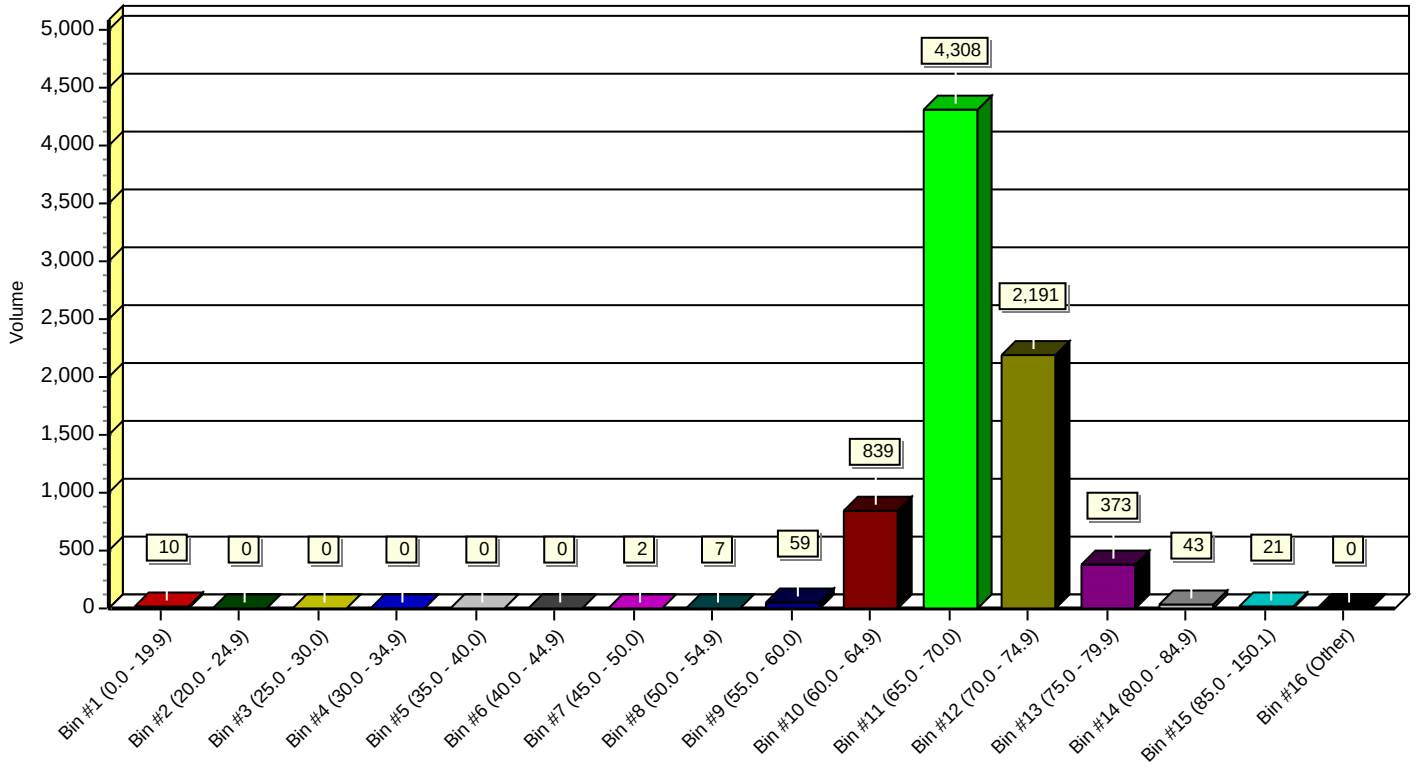
Speeds - Average: 68.4 50% : 67.9 67% : 69.3 85% : 72.5 10mph Pace: 65.0 - 74.9 (81.3%)

Basic Speed Class Summary: 2P0041456

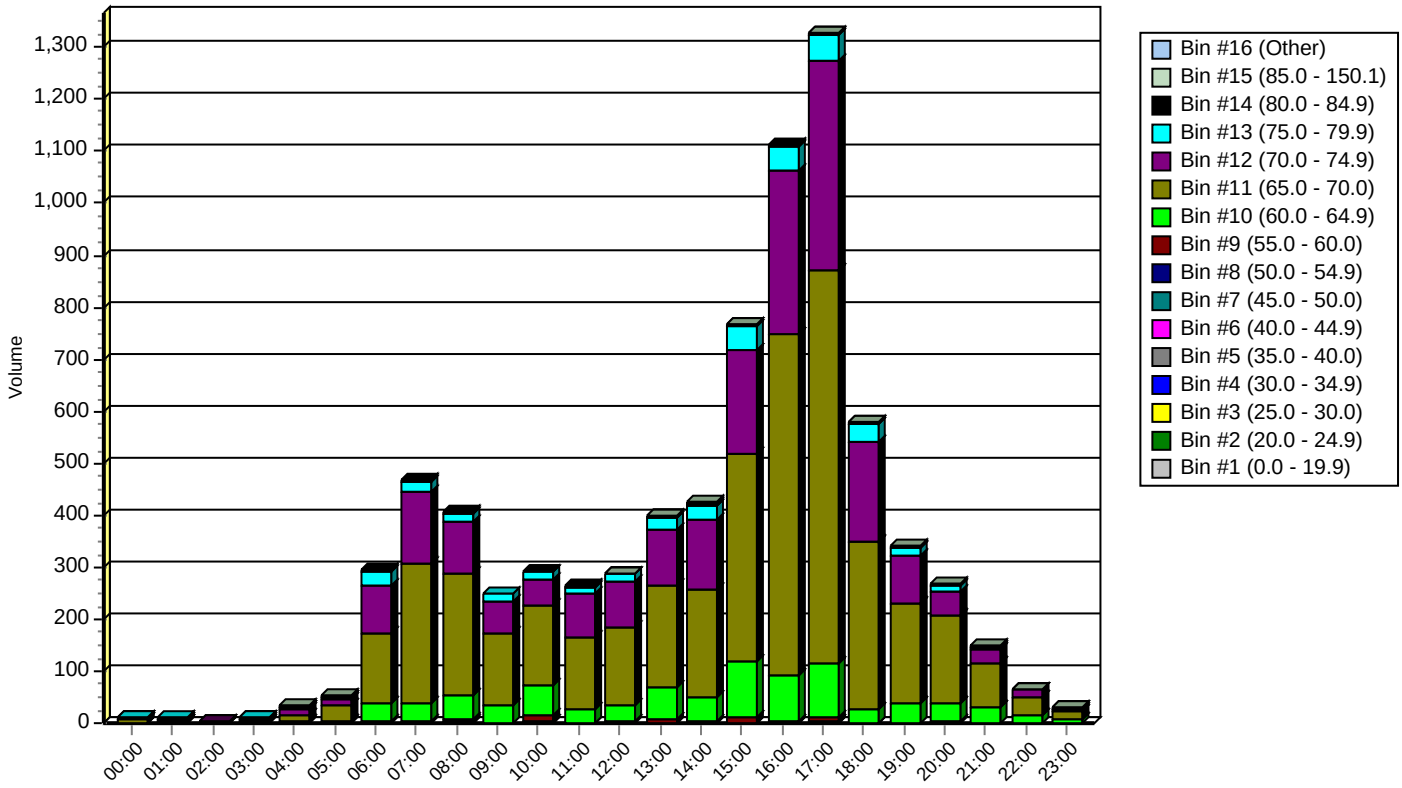
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	10	0	0	0	0	0	2	7	59	839	4308	2191	373	43	21	0	7853
		10	0	0	0	0	0	2	7	59	839	4308	2191	373	43	21	0	7853
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	1%	11%	55%	28%	5%	1%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	1%	11%	55%	28%	5%	1%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	3	16	8	1	0	0	0	28
		0	0	0	0	0	0	0	0	0	3	16	8	1	0	0	0	28
Days & ADT :	#1.	2.7	2855															
		2.7	2855															
Avg,50,67,85%:	#1.	68.8	68.5	70.2	73.4	65.0	- 74.9	83%										
		68.8	68.5	70.2	73.4	65.0	- 74.9	83%										

2P0041456 Speed Class Charts For Data From: 15:15 - 04/11/2011 To: 09:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0041456

Station ID : 4D0041456
Info Line 1 : 90994510
Info Line 2 : I90 E OF 27INTC
GPS Lat/Lon :
DB File : 4D0041456.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 91406
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 15:45 - 04/11/2011 To: 09:14 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	15:45	1	0	31	3	10	0	0	3	1	0	0	0	1	0	50
Mon	16:00	1	0	83	12	41	0	0	4	8	1	0	0	1	2	153
	16:15	3	3	80	5	21	0	0	6	5	3	0	0	1	0	127
	16:30	1	1	111	3	37	2	0	2	8	0	0	0	1	0	166
	16:45	1	1	83	4	40	1	0	5	6	1	0	0	0	0	142
	17:00	2	0	91	10	42	1	0	1	7	1	0	0	0	3	158
	17:15	0	0	80	4	31	0	0	3	4	2	0	0	0	0	124
	17:30	2	0	96	3	47	1	0	5	6	2	0	0	0	2	164
	17:45	2	2	80	2	30	0	0	2	1	0	0	0	1	1	121
	18:00	0	1	83	3	24	1	0	0	2	0	0	0	1	1	116
	18:15	1	1	54	4	25	0	0	0	2	0	0	0	0	1	88
	18:30	0	1	51	3	24	0	0	2	3	0	0	0	1	0	85
	18:45	2	1	59	3	21	0	0	2	4	0	0	0	0	0	92
	19:00	2	1	35	1	21	0	0	1	4	0	0	0	1	1	67
	19:15	0	1	44	4	15	0	0	0	8	0	0	0	1	0	73
	19:30	0	0	30	2	14	0	0	0	3	0	0	0	1	0	50
	19:45	0	0	28	0	15	0	0	0	3	0	0	0	1	1	48
	20:00	2	0	19	0	8	0	0	4	6	0	0	0	0	2	41
	20:15	0	0	43	1	12	0	0	2	2	0	0	0	0	1	61
	20:30	0	0	45	1	9	0	0	2	5	0	0	0	1	1	64
	20:45	1	1	26	1	13	0	0	3	3	1	0	0	1	2	52
	21:00	1	0	31	1	15	0	0	1	7	0	0	0	0	0	56
	21:15	1	0	26	2	14	0	0	3	3	0	0	0	2	1	52
	21:30	0	1	27	3	9	0	0	1	5	0	0	0	0	3	49
	21:45	1	0	20	1	6	1	0	3	5	0	0	0	0	1	38
	22:00	1	0	24	0	7	0	0	2	6	0	0	0	0	0	40
	22:15	2	0	23	2	5	2	0	3	4	0	0	0	1	0	42
	22:30	0	0	21	1	11	0	0	0	1	0	0	0	0	0	34
	22:45	0	0	15	0	8	0	0	0	7	0	0	0	0	0	30
	23:00	0	0	13	1	4	0	0	0	1	0	0	0	0	0	19
	23:15	2	0	13	1	1	0	0	2	1	0	0	0	1	0	21
	23:30	0	0	12	1	5	0	0	1	4	0	0	0	0	1	24
	23:45	1	0	11	3	5	0	0	2	4	1	0	0	2	0	29

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
Daily Total :		30	15	1488	85	590	9	0	65	139	12	0	0	19	24	2476
Percent :		1%	1%	60%	3%	24%	0%	0%	3%	6%	0%	0%	0%	1%	1%	
Average :		1	0	45	3	18	0	0	2	4	0	0	0	1	1	75

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	1	1	9	1	3	0	0	2	3	0	0	0	1	1	22
Tue	00:15	0	0	3	0	1	0	0	1	1	0	0	0	1	2	9
	00:30	1	1	8	0	1	0	0	2	1	0	0	0	1	0	15
	00:45	1	0	6	0	1	0	0	1	3	0	0	0	1	0	13
	01:00	2	0	4	0	3	0	0	2	2	1	0	0	0	0	14
	01:15	2	1	5	1	1	0	0	4	2	0	0	0	0	0	16
	01:30	0	0	4	0	1	0	0	0	0	0	0	0	0	0	5
	01:45	0	0	5	0	3	0	0	0	1	0	0	0	0	1	10
	02:00	0	0	3	0	4	0	0	0	3	0	0	0	0	0	10
	02:15	0	0	4	0	3	0	1	0	1	0	0	0	1	0	10
	02:30	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	3	0	0	0	2	1	6
	03:00	0	1	2	0	1	0	0	2	5	0	0	0	0	0	11
	03:15	1	0	5	0	1	0	0	1	1	0	0	0	0	0	9
	03:30	0	0	5	0	0	0	0	0	1	0	0	0	0	0	6
	03:45	0	0	10	1	7	0	0	0	2	0	0	0	1	0	21
	04:00	0	0	7	0	4	0	0	0	2	0	0	0	0	0	13
	04:15	0	0	11	1	5	0	0	0	8	1	0	0	1	0	27
	04:30	0	0	11	0	4	0	0	0	3	0	0	0	1	0	19
	04:45	2	0	19	0	10	0	0	3	3	0	0	0	1	2	40
	05:00	0	0	16	0	8	0	0	0	2	0	0	0	0	2	28
	05:15	3	0	24	3	12	0	0	1	5	0	0	0	4	2	54
	05:30	0	0	32	1	16	0	0	1	5	0	0	0	6	1	62
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:30	0	42	67	3	6	1	0	0	10	1	0	0	1	0	131
	08:45	0	49	65	4	8	2	0	1	12	1	0	0	3	1	146
	09:00	1	25	56	4	3	1	1	1	15	1	0	1	5	0	114
	09:15	1	38	62	1	4	1	0	2	12	0	0	0	3	0	124
	09:30	0	31	50	2	2	3	0	1	8	1	0	0	4	0	102
	09:45	0	44	43	0	3	0	0	0	20	2	0	0	4	0	116
	10:00	0	32	57	0	6	4	0	2	7	0	0	0	2	0	110
	10:15	1	29	29	0	2	2	3	0	5	2	0	0	3	0	76
	10:30	0	0	2	0	0	0	0	0	2	0	0	0	0	0	4
	10:45	0	29	53	0	6	6	0	1	7	0	0	0	2	0	104
	11:00	0	30	70	0	5	2	0	1	12	1	0	0	0	0	121
	11:15	1	32	47	2	6	3	0	2	12	3	0	1	5	0	114
	11:30	0	46	57	1	3	5	0	0	12	0	0	0	2	0	126
	11:45	1	44	65	0	4	5	0	0	10	0	0	0	5	2	136
	12:00	0	43	47	2	3	2	0	2	8	1	0	0	1	1	110
	12:15	0	38	43	2	3	4	0	3	9	1	0	0	0	1	104
	12:30	0	48	52	0	3	4	0	3	13	0	0	0	4	1	128

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:45	0	36	49	3	8	1	0	0	12	2	0	0	2	1	114
Tue	13:00	0	34	49	2	4	5	0	2	8	1	0	0	4	0	109
	13:15	1	32	77	0	3	1	0	0	15	5	0	0	2	3	139
	13:30	2	50	62	2	3	2	1	1	9	0	0	0	1	0	133
	13:45	0	39	58	3	9	1	0	2	8	4	0	0	4	1	129
	14:00	0	36	58	2	7	4	1	1	9	1	0	0	1	0	120
	14:15	0	41	53	1	4	2	0	0	14	1	0	0	2	2	120
	14:30	1	33	32	2	4	4	0	1	12	3	0	0	3	1	96
	14:45	0	22	38	0	2	3	0	0	5	2	0	0	1	1	74
	15:00	0	44	59	2	3	3	0	4	14	4	0	0	2	0	135
	15:15	0	43	61	2	6	1	1	0	10	2	0	1	1	1	129
	15:30	0	62	70	6	5	2	2	3	8	3	0	0	1	0	162
	15:45	0	57	55	10	3	2	1	0	14	2	0	0	2	0	146
	16:00	1	67	48	13	4	0	0	2	17	1	0	1	0	0	154
	16:15	0	69	73	4	4	1	0	1	9	1	0	0	2	1	165
	16:30	1	55	74	3	5	3	0	0	6	3	0	1	4	1	156
	16:45	0	50	95	0	6	0	0	1	13	4	0	0	1	0	170
	17:00	1	68	90	1	6	1	1	1	12	1	0	0	3	0	185
	17:15	0	81	80	2	4	1	0	0	11	2	0	0	3	1	185
	17:30	0	85	84	3	5	4	1	1	7	0	0	0	1	0	191
	17:45	1	62	66	0	4	1	0	0	6	2	0	0	3	0	145
	18:00	1	54	74	0	4	0	0	0	9	0	0	1	3	1	147
	18:15	0	37	63	1	1	0	0	0	6	1	0	0	3	1	113
	18:30	1	49	63	0	6	0	0	0	5	3	0	0	3	0	130
	18:45	0	39	50	0	4	2	0	2	6	1	0	0	2	0	106
	19:00	0	36	42	1	2	0	0	0	6	0	0	0	2	0	89
	19:15	0	45	46	2	0	0	0	2	6	1	0	0	1	0	103
	19:30	0	34	48	1	1	0	0	0	8	0	0	0	2	0	94
	19:45	0	35	28	0	4	0	0	0	8	0	0	0	2	1	78
	20:00	0	31	41	1	2	0	0	2	8	0	0	0	1	0	86
	20:15	0	39	44	1	1	0	0	0	9	0	0	0	0	0	94
	20:30	1	37	33	1	0	0	0	1	7	0	0	2	1	0	83
	20:45	0	27	21	0	0	0	0	0	6	0	0	0	0	0	54
	21:00	0	29	18	0	0	0	0	1	7	0	1	0	1	0	57
	21:15	0	18	29	0	1	0	0	0	5	0	0	0	1	0	54
	21:30	0	20	22	1	1	0	0	0	1	0	0	2	2	0	49
	21:45	0	17	12	0	2	0	0	0	4	0	0	0	0	0	35
	22:00	0	20	16	2	0	0	0	0	7	0	0	0	0	0	45
	22:15	1	17	14	0	1	0	0	0	3	0	0	0	0	0	36
	22:30	0	13	18	0	2	0	0	0	5	0	0	0	1	1	40
	22:45	0	17	9	0	1	0	0	0	3	0	0	0	2	0	32
	23:00	0	7	9	0	0	0	0	0	6	0	0	0	0	0	22
	23:15	0	8	9	0	0	0	0	0	2	0	0	0	1	0	20
	23:30	0	14	8	0	1	0	0	0	7	0	0	0	0	0	30
	23:45	0	9	7	1	1	0	0	1	1	2	1	0	0	0	23
Daily Total :		31	2322	3114	102	290	89	13	69	586	68	2	10	136	35	6867
Percent :		0%	34%	45%	1%	4%	1%	0%	1%	9%	1%	0%	0%	2%	1%	
Average :		0	24	33	1	3	1	0	1	6	1	0	0	1	0	71

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	8	3	0	0	0	0	0	1	2	0	0	0	0	14
Wed	00:15	0	5	6	0	1	0	0	0	3	1	0	2	0	0	18
	00:30	0	4	5	0	1	0	0	0	1	1	0	0	0	0	12
	00:45	0	4	4	0	0	0	0	0	1	0	0	0	0	0	9
	01:00	0	5	6	0	0	1	0	0	3	2	0	0	0	0	17
	01:15	0	2	7	0	0	0	0	1	2	0	0	0	1	1	14
	01:30	0	3	4	0	1	0	0	1	3	0	0	0	0	0	12
	01:45	0	4	5	0	0	0	0	0	4	0	0	0	1	0	14
	02:00	0	2	5	0	0	1	0	0	3	0	0	0	0	0	11
	02:15	0	0	5	0	0	0	0	0	2	1	0	0	1	0	9
	02:30	0	0	2	0	1	0	0	0	3	0	0	0	0	0	6
	02:45	0	0	1	0	0	0	0	0	2	0	0	0	2	0	5
	03:00	0	0	3	0	0	0	0	0	6	0	0	0	0	0	9
	03:15	0	4	3	0	0	0	0	0	8	0	0	0	1	0	16
	03:30	0	4	3	0	0	0	0	0	6	1	0	0	0	0	14
	03:45	0	4	3	0	1	0	0	0	5	0	0	0	2	0	15
	04:00	0	7	9	1	1	0	0	0	4	0	0	0	1	0	23
	04:15	0	5	10	0	1	0	0	0	5	0	1	0	0	0	22
	04:30	0	11	11	0	1	0	0	0	5	0	0	0	0	1	29
	04:45	0	13	15	0	1	0	0	0	7	0	0	1	1	0	38
	05:00	0	16	13	0	0	0	0	0	5	2	0	0	1	0	37
	05:15	0	17	16	0	1	0	0	1	6	0	0	0	2	0	43
	05:30	0	22	32	1	2	0	0	0	12	0	0	0	2	0	71
	05:45	0	34	42	0	2	0	0	0	7	0	0	0	1	0	86
	06:00	0	30	27	1	3	1	0	1	10	1	0	0	5	0	79
	06:15	0	39	54	0	1	0	0	0	3	2	0	0	7	0	106
	06:30	1	68	62	3	5	2	0	2	5	0	1	0	3	0	152
	06:45	0	69	76	0	2	2	0	1	12	3	0	1	3	0	169
	07:00	1	66	83	1	3	0	0	1	10	1	0	0	6	0	172
	07:15	0	58	104	3	7	3	0	2	10	1	0	0	1	2	191
	07:30	2	86	117	1	4	1	0	1	16	3	0	1	0	0	232
	07:45	1	87	95	7	5	0	0	1	17	2	0	0	2	0	217
	08:00	0	58	89	1	8	2	0	2	14	1	0	0	4	0	179
	08:15	1	57	82	5	8	0	0	1	9	0	0	0	7	0	170
	08:30	0	52	70	4	7	1	0	3	12	3	1	0	3	1	157
	08:45	0	39	64	3	6	0	0	1	13	2	0	0	4	0	132
	09:00	0	34	55	2	5	2	0	6	16	0	0	0	3	1	124
	09:15	0	41	62	2	6	4	0	2	7	3	0	1	8	0	136
	09:30	0	36	66	3	6	1	0	4	12	2	0	0	4	0	134
	09:45	0	52	63	2	2	2	0	6	13	2	0	0	3	0	145
	10:00	1	27	67	4	4	3	0	2	9	4	0	0	4	0	125
	10:15	0	39	59	0	6	1	0	1	16	6	0	0	4	0	132
	10:30	0	39	84	3	5	1	0	3	15	3	0	0	0	1	154
	10:45	1	52	66	1	2	2	0	1	14	0	0	0	1	0	140
	11:00	0	49	52	3	4	1	0	2	15	2	0	1	1	0	130
	11:15	1	40	78	0	3	3	0	1	10	1	0	0	1	0	138
	11:30	0	30	71	2	3	1	0	2	17	4	0	0	2	1	133
	11:45	1	50	59	1	3	1	0	3	16	5	0	0	0	0	139
	12:00	0	38	71	3	4	1	0	0	15	1	0	0	3	3	139
	12:15	1	34	70	2	6	1	0	0	12	1	0	0	4	2	133

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	45	63	2	1	1	0	3	14	1	0	0	2	0	132
Wed	12:45	1	49	59	3	3	2	1	0	17	4	0	0	2	0	141
	13:00	0	60	70	2	5	0	0	2	11	0	0	1	3	0	154
	13:15	1	51	55	1	6	2	0	3	12	3	0	0	6	0	140
	13:30	0	51	63	0	4	2	0	2	10	2	0	0	1	0	135
	13:45	0	51	72	2	2	2	0	1	12	2	0	0	2	1	147
	14:00	0	49	66	1	7	4	0	1	12	4	0	0	0	0	144
	14:15	0	57	59	0	6	1	0	3	10	3	0	0	7	1	147
	14:30	1	52	62	1	1	3	0	2	12	3	0	0	2	1	140
	14:45	0	44	46	3	4	2	1	3	15	1	0	0	3	0	122
	15:00	1	65	71	0	5	4	0	1	12	0	0	0	1	0	160
	15:15	1	58	73	1	4	1	0	2	13	6	0	0	3	1	163
	15:30	0	64	42	9	6	4	0	2	14	1	0	1	1	1	145
	15:45	2	49	71	12	6	1	0	1	12	3	0	0	3	0	160
	16:00	0	60	69	6	3	1	0	1	7	4	0	0	3	0	154
	16:15	0	61	67	4	8	1	0	0	13	1	0	0	2	0	157
	16:30	0	64	80	1	2	1	0	1	11	4	0	0	3	1	168
	16:45	1	66	68	1	4	3	0	0	12	2	0	0	2	1	160
	17:00	0	78	84	0	8	2	0	0	9	1	0	0	1	1	184
	17:15	1	74	70	2	3	2	0	0	14	1	0	0	3	0	170
	17:30	0	72	87	2	5	0	0	1	14	1	0	0	2	1	185
	17:45	0	72	72	1	5	0	0	2	9	1	0	1	1	1	165
	18:00	0	61	61	2	1	0	0	0	8	0	0	0	0	0	133
	18:15	0	58	66	0	2	3	0	0	14	1	0	0	1	1	146
	18:30	0	57	51	0	2	0	0	0	8	0	0	0	0	1	119
	18:45	0	50	57	1	3	3	0	1	10	1	0	1	0	0	127
	19:00	0	50	43	0	1	1	0	1	7	1	0	1	2	0	107
	19:15	0	34	38	1	2	0	0	0	11	3	0	0	1	1	91
	19:30	1	30	30	0	3	0	0	0	7	0	0	0	2	0	73
	19:45	0	40	16	0	2	0	0	0	7	0	0	0	0	0	65
	20:00	0	23	33	0	2	1	0	0	9	2	1	0	1	0	72
	20:15	0	33	29	0	1	0	0	2	10	1	0	0	1	1	78
	20:30	0	20	29	0	0	0	0	0	7	0	0	1	1	0	58
	20:45	0	32	29	1	2	0	0	0	5	0	1	1	1	1	73
	21:00	0	20	22	0	0	0	0	0	8	0	0	0	2	0	52
	21:15	0	24	17	0	0	0	0	0	6	0	0	1	1	0	49
	21:30	0	20	20	1	4	0	0	1	5	0	1	1	0	1	54
	21:45	0	15	8	0	1	0	0	1	4	0	0	0	0	0	29
	22:00	0	15	14	1	0	0	0	0	5	0	0	2	3	0	40
	22:15	0	22	5	0	0	0	0	1	5	0	0	0	1	0	34
	22:30	0	19	7	0	0	1	0	0	2	0	0	0	1	0	30
	22:45	0	9	11	0	0	0	0	1	5	0	0	0	1	0	27
	23:00	0	5	6	0	0	0	0	0	5	0	0	0	1	1	18
	23:15	0	5	6	0	1	1	0	0	1	0	0	0	0	0	14
	23:30	0	5	7	0	0	0	0	0	2	0	0	0	0	0	14
	23:45	0	4	10	1	2	0	0	0	5	0	0	0	1	0	23
Daily Total :		21	3387	4143	121	259	87	2	91	843	120	6	18	173	30	9301
Percent :		0%	36%	45%	1%	3%	1%	0%	1%	9%	1%	0%	0%	2%	0%	
Average :		0	35	43	1	3	1	0	1	9	1	0	0	2	0	96

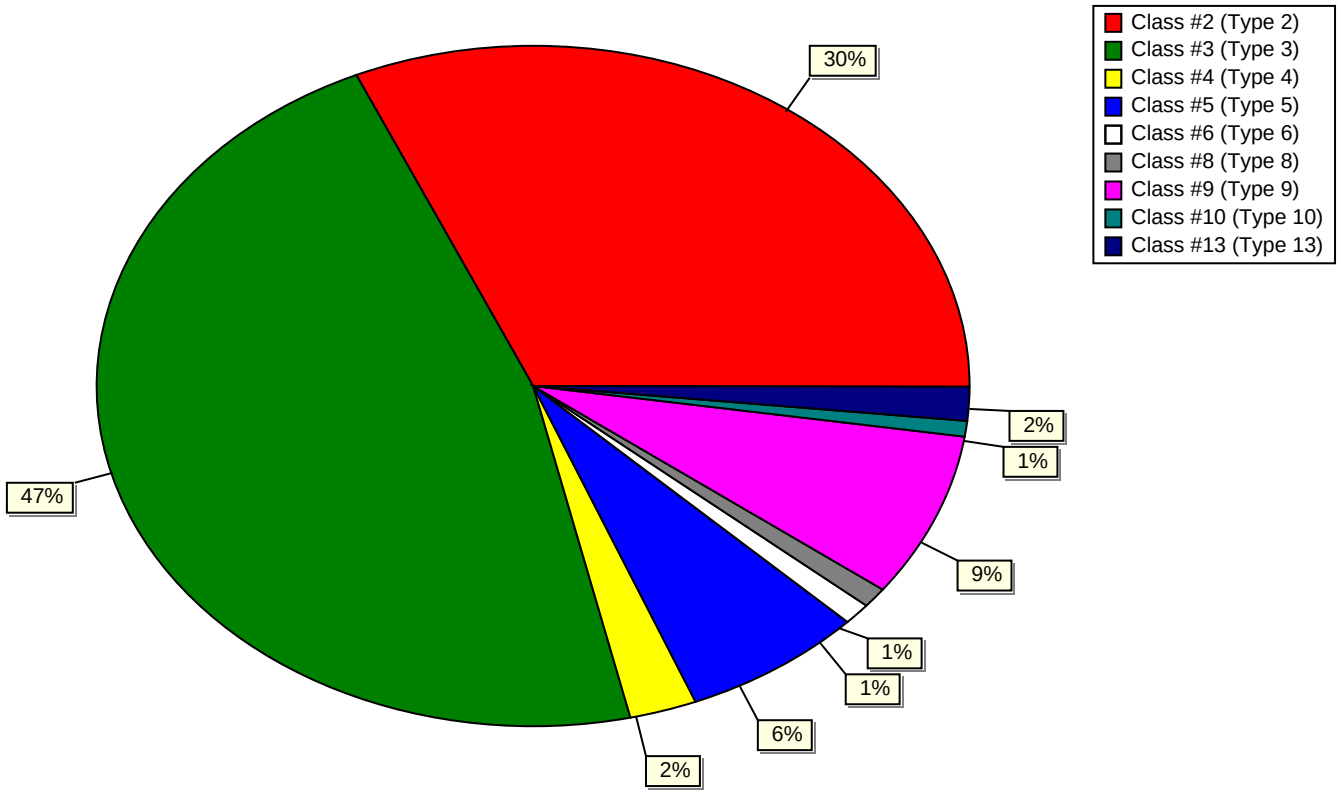
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	8	6	0	1	1	0	0	3	2	1	1	1	0	24
Thu	00:15	0	5	3	0	1	0	0	0	4	0	0	0	1	0	14
	00:30	0	6	2	0	0	0	0	0	6	0	0	0	0	0	14
	00:45	0	8	4	0	0	0	0	0	2	0	0	1	1	0	16
	01:00	0	2	3	1	1	0	0	0	3	0	0	0	1	1	12
	01:15	0	4	3	0	0	0	0	0	1	0	0	0	0	0	8
	01:30	0	5	4	0	2	0	0	0	3	0	0	0	0	0	14
	01:45	0	4	7	0	0	1	0	1	4	0	0	0	0	0	17
	02:00	0	5	5	0	0	0	0	0	2	1	0	0	0	0	13
	02:15	0	3	3	0	0	0	0	0	4	1	0	0	1	0	12
	02:30	0	0	2	0	0	0	0	1	3	0	0	0	0	0	6
	02:45	0	2	6	0	1	0	0	0	3	0	0	0	1	0	13
	03:00	0	1	1	0	0	0	0	1	5	0	0	0	1	0	9
	03:15	0	6	4	0	0	0	0	0	4	0	0	0	1	0	15
	03:30	0	0	3	0	1	0	0	1	7	0	0	0	1	0	13
	03:45	0	3	4	0	0	0	0	1	4	0	0	0	1	0	13
	04:00	0	5	5	0	0	0	0	0	5	0	0	0	1	0	16
	04:15	0	3	9	0	0	0	0	0	4	0	0	1	0	0	17
	04:30	0	8	11	0	1	0	0	0	3	0	0	0	4	0	27
	04:45	0	11	16	0	0	0	0	0	4	0	0	0	1	0	32
	05:00	0	11	13	0	1	0	0	0	7	0	0	0	2	0	34
	05:15	0	18	24	0	3	1	1	0	9	0	0	0	2	1	59
	05:30	0	21	28	0	0	1	0	1	12	2	0	0	2	0	67
	05:45	0	21	35	0	1	1	0	2	9	0	0	0	1	0	70
	06:00	0	21	40	1	2	0	0	3	5	0	0	0	2	2	76
	06:15	0	31	58	2	7	0	0	2	9	0	0	1	3	0	113
	06:30	0	33	61	1	6	0	0	1	12	1	0	0	3	0	118
	06:45	0	40	86	1	8	1	0	3	1	0	0	0	2	2	144
	07:00	0	34	77	2	6	0	0	3	8	0	0	1	3	1	135
	07:15	0	47	99	2	10	1	0	4	10	0	1	0	1	0	175
	07:30	0	56	123	2	8	0	0	1	9	2	0	1	4	0	206
	07:45	0	56	95	3	15	3	0	4	15	2	0	0	2	2	197
	08:00	0	55	83	0	4	0	0	0	9	0	1	0	0	0	152
	08:15	1	42	64	8	7	1	0	3	10	1	0	0	1	3	141
	08:30	0	41	72	1	7	1	0	7	7	2	0	0	2	0	140
	08:45	0	31	58	4	7	4	0	3	11	1	0	1	5	2	127
Daily Total :		1	647	1117	28	100	16	1	42	217	15	3	7	51	14	2259
	Percent :	0%	29%	49%	1%	4%	1%	0%	2%	10%	1%	0%	0%	2%	1%	
	Average :	0	18	31	1	3	0	0	1	6	0	0	0	1	0	61

Basic Axle Class Summary: 4D0041456

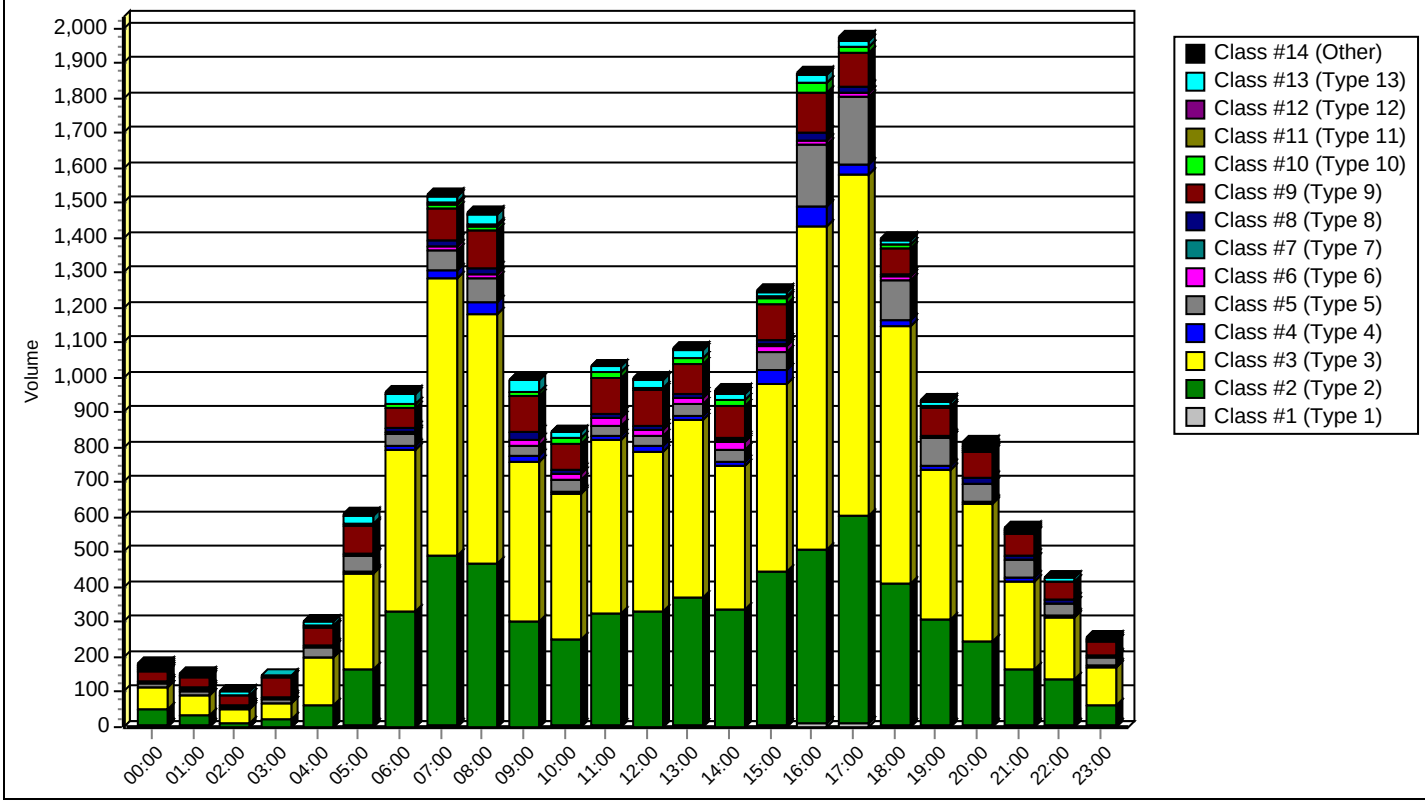
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	83	6371	9862	336	1239	201	16	267	1785	215	11	35	379	103	20903
		83	6371	9862	336	1239	201	16	267	1785	215	11	35	379	103	20903
Percents :	#1.	0%	30%	47%	2%	6%	1%	0%	1%	9%	1%	0%	0%	2%	0%	100%
		0%	30%	47%	2%	6%	1%	0%	1%	9%	1%	0%	0%	2%	0%	
Average :	#1.	0	25	38	1	5	1	0	1	7	1	0	0	1	0	80
		0	25	38	1	5	1	0	1	7	1	0	0	1	0	80
Days & ADT :	#1.	2.7	7718													
		2.7	7718													

4D0041456 Axle Class Charts For Data From: 15:45 - 04/11/2011 To: 09:14 - 04/14/2011

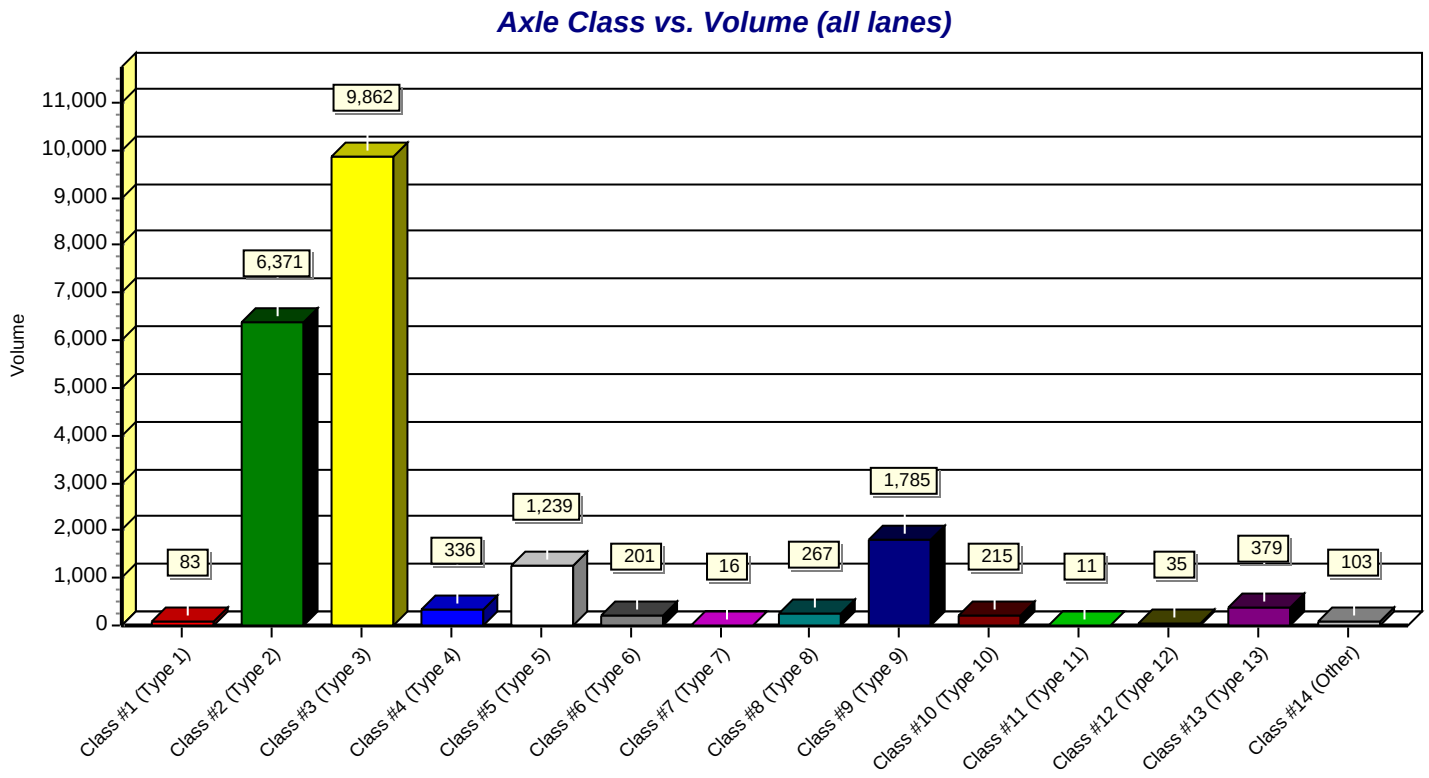
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0041456 Axle Class Charts For Data From: 15:45 - 04/11/2011 To: 09:14 - 04/14/2011



Basic Speed Classification Report: 4D0041456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 15:45 - 04/11/2011 To: 09:14 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	15:45	0	0	0	0	1	1	0	0	0	2	5	7	8	8	18	0	50
Mon	16:00	0	0	0	0	0	0	2	1	1	4	3	5	19	26	92	0	153
	16:15	2	1	0	0	0	0	0	0	0	1	1	4	15	29	74	0	127
	16:30	0	0	0	0	0	0	0	0	0	1	4	8	19	40	94	0	166
	16:45	0	0	0	0	0	0	0	0	0	1	1	6	14	24	96	0	142
	17:00	1	1	0	1	0	0	0	0	0	0	2	7	18	40	88	0	158
	17:15	0	0	0	0	0	0	0	0	0	3	5	10	18	27	61	0	124
	17:30	1	1	1	0	0	0	0	0	0	1	2	13	21	37	87	0	164
	17:45	1	0	0	0	0	0	0	0	0	1	1	5	8	18	87	0	121
	18:00	0	0	0	0	0	0	0	0	2	0	0	2	1	15	96	0	116
	18:15	0	0	0	0	0	0	1	0	0	0	0	1	2	11	73	0	88
	18:30	0	0	0	0	0	0	0	0	0	1	0	4	2	10	68	0	85
	18:45	0	0	0	0	0	0	0	0	0	0	0	3	6	11	72	0	92
	19:00	2	0	0	0	0	0	0	0	0	1	0	3	6	16	39	0	67
	19:15	0	0	0	0	0	0	0	0	0	1	0	3	2	12	55	0	73
	19:30	0	0	0	0	0	0	0	0	0	0	0	0	2	14	34	0	50
	19:45	0	0	0	0	0	0	0	0	0	1	0	3	4	6	34	0	48
	20:00	0	0	0	0	0	0	0	0	0	1	0	1	2	5	32	0	41
	20:15	0	0	0	0	0	0	0	0	0	0	0	3	5	8	45	0	61
	20:30	0	0	0	0	0	0	0	0	0	0	0	2	5	7	50	0	64
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	6	3	43	0	52
	21:00	0	0	0	0	0	0	0	0	0	0	0	1	3	7	45	0	56
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	2	4	46	0	52
	21:30	0	0	0	0	0	0	0	0	0	0	0	3	2	6	38	0	49
	21:45	0	0	0	0	0	0	0	0	0	1	0	0	4	3	30	0	38
	22:00	0	0	0	0	0	0	0	0	0	0	2	2	4	8	24	0	40
	22:15	0	0	0	0	0	0	0	0	0	0	2	2	3	3	32	0	42
	22:30	0	0	0	0	0	0	0	0	0	1	0	2	1	8	22	0	34
	22:45	0	0	0	0	0	0	0	0	0	0	1	1	2	4	22	0	30
	23:00	0	0	0	0	0	0	0	0	0	0	0	1	0	1	17	0	19
	23:15	0	0	0	0	0	0	0	0	0	0	0	1	2	4	14	0	21
	23:30	0	0	0	0	0	0	0	0	0	0	0	1	0	4	19	0	24
	23:45	0	0	0	0	0	0	0	0	2	0	0	1	1	4	21	0	29
Daily Total :		7	3	1	1	1	1	3	1	5	21	29	105	207	423	1668	0	2476
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	4%	8%	17%	67%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	1	3	6	13	51	0	80

Speeds - Average: 104.5 50% : 105.1 67% : 118.1 85% : 132.0 10mph Pace: 75.1 - 85.0 (25.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	1	0	0	0	0	0	2	4	15	0	22
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
	00:30	0	0	0	0	0	0	0	1	0	0	0	0	0	2	12	0	15
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	0	13
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11	0	14
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	16
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	9	0	10
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	0	10
	02:15	0	0	0	0	0	0	0	0	0	0	1	2	1	0	6	0	10
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	02:45	1	0	0	0	0	0	0	0	0	0	1	0	0	3	1	0	6
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	0	11
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
	03:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	4	0	6
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	1	2	17	0	21
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	11	0	13
	04:15	0	0	0	0	0	0	0	0	0	1	0	2	0	3	21	0	27
	04:30	0	0	0	0	0	0	0	0	0	0	0	1	1	1	16	0	19
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	1	4	35	0	40
	05:00	0	0	0	0	0	0	0	0	0	0	1	0	2	7	18	0	28
	05:15	0	1	0	0	0	0	0	0	0	0	0	0	0	7	46	0	54
	05:30	0	0	0	0	0	0	0	0	0	0	0	2	4	5	51	0	62
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:30	0	0	0	0	0	0	2	1	15	24	56	24	4	3	2	0	131
	08:45	1	0	0	0	0	0	0	0	6	30	58	46	3	2	0	0	146
	09:00	0	0	0	0	0	0	0	0	7	14	63	23	5	2	0	0	114
	09:15	1	0	0	0	0	0	0	2	4	13	69	31	4	0	0	0	124
	09:30	0	0	0	0	0	0	0	1	5	17	42	33	4	0	0	0	102
	09:45	1	0	0	0	0	0	0	0	6	15	56	35	3	0	0	0	116
	10:00	0	0	0	0	0	0	2	4	7	15	56	24	2	0	0	0	110
	10:15	0	0	0	0	0	0	1	1	6	15	33	17	3	0	0	0	76
	10:30	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	4
	10:45	0	0	0	0	0	0	1	2	5	18	56	22	0	0	0	0	104
	11:00	0	0	0	0	0	0	0	0	8	20	55	37	1	0	0	0	121
	11:15	0	0	0	0	0	0	0	0	5	21	65	21	2	0	0	0	114
	11:30	0	0	0	0	0	0	1	0	5	21	47	40	11	1	0	0	126
	11:45	0	0	0	0	0	1	1	2	4	33	56	36	3	0	0	0	136
	12:00	0	0	0	0	0	0	0	1	6	19	47	30	6	1	0	0	110
	12:15	0	0	0	0	0	0	1	1	8	19	36	35	4	0	0	0	104
	12:30	0	0	0	1	0	0	0	1	6	32	54	31	3	0	0	0	128

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:45	0	0	0	0	0	0	0	0	5	16	61	24	6	2	0	0	114
Tue	13:00	0	0	0	1	0	0	0	2	8	18	43	28	9	0	0	0	109
	13:15	0	0	0	0	0	0	0	2	12	42	49	30	4	0	0	0	139
	13:30	0	0	0	0	0	0	0	1	6	25	68	28	5	0	0	0	133
	13:45	1	0	0	0	0	0	1	0	3	27	54	33	9	0	1	0	129
	14:00	0	0	0	0	0	0	1	2	5	22	49	35	5	1	0	0	120
	14:15	1	0	0	0	0	1	0	4	8	23	61	20	2	0	0	0	120
	14:30	1	2	0	0	0	0	0	2	5	21	43	18	4	0	0	0	96
	14:45	0	1	0	0	0	0	2	1	2	8	30	25	4	0	1	0	74
	15:00	0	0	0	0	0	0	0	1	11	19	61	36	5	2	0	0	135
	15:15	0	0	0	0	0	0	0	1	2	30	60	32	4	0	0	0	129
	15:30	0	0	0	0	0	0	0	2	13	21	73	43	10	0	0	0	162
	15:45	0	0	0	0	0	0	0	1	8	23	65	41	4	3	1	0	146
	16:00	0	0	0	0	0	0	0	0	5	22	81	41	3	1	1	0	154
	16:15	0	0	0	0	0	0	0	0	8	30	68	43	13	3	0	0	165
	16:30	0	0	0	0	0	0	0	1	0	17	68	64	5	1	0	0	156
	16:45	0	0	0	0	0	0	0	0	3	22	77	56	10	2	0	0	170
	17:00	0	0	0	0	0	0	1	1	4	19	108	45	5	1	1	0	185
	17:15	0	0	0	0	0	0	0	0	5	41	82	52	4	1	0	0	185
	17:30	0	0	1	0	0	0	0	0	5	28	96	48	12	0	1	0	191
	17:45	0	0	0	0	0	0	0	1	2	24	70	42	6	0	0	0	145
	18:00	1	0	0	0	0	0	0	1	2	9	66	54	13	0	1	0	147
	18:15	1	0	0	0	0	0	0	0	4	19	53	32	4	0	0	0	113
	18:30	0	0	0	0	0	0	1	1	1	17	55	45	10	0	0	0	130
	18:45	0	0	0	0	0	0	0	0	2	11	46	36	10	1	0	0	106
	19:00	0	0	0	0	0	0	0	0	1	11	52	23	1	1	0	0	89
	19:15	0	0	0	0	0	0	0	0	1	10	55	32	4	1	0	0	103
	19:30	0	0	0	0	0	0	0	0	1	10	31	44	5	3	0	0	94
	19:45	0	0	0	0	0	0	0	0	1	14	35	25	3	0	0	0	78
	20:00	0	0	0	0	0	0	0	0	3	15	35	28	5	0	0	0	86
	20:15	0	0	0	0	0	0	0	2	7	15	43	25	1	0	1	0	94
	20:30	0	0	0	0	0	0	0	1	6	15	33	21	7	0	0	0	83
	20:45	0	0	0	0	0	0	0	2	6	7	28	10	1	0	0	0	54
	21:00	0	0	0	0	0	0	0	0	2	10	29	14	1	1	0	0	57
	21:15	0	0	0	0	0	0	1	0	3	12	30	7	1	0	0	0	54
	21:30	0	0	0	0	0	0	0	1	2	12	24	9	1	0	0	0	49
	21:45	0	0	0	0	0	0	0	0	5	3	13	13	1	0	0	0	35
	22:00	0	0	0	0	0	0	0	2	4	6	28	3	2	0	0	0	45
	22:15	0	0	0	0	0	0	0	2	0	6	17	9	2	0	0	0	36
	22:30	0	0	0	0	0	0	0	2	5	8	9	15	1	0	0	0	40
	22:45	0	0	0	0	0	0	0	0	1	6	10	10	4	1	0	0	32
	23:00	0	0	0	0	0	0	0	0	0	4	8	8	2	0	0	0	22
	23:15	0	0	0	0	0	0	0	0	0	1	9	9	1	0	0	0	20
	23:30	0	0	0	0	0	0	1	0	2	5	16	6	0	0	0	0	30
	23:45	0	0	0	0	0	0	0	0	2	2	12	5	1	1	0	0	23
Daily Total :		9	4	2	2	0	2	19	54	285	1054	2958	1761	283	85	349	0	6867
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	15%	43%	26%	4%	1%	5%	0%	
Average :		0	0	0	0	0	0	0	1	3	11	31	19	3	1	4	0	75

Speeds - Average: 70.4 50% : 68.4 67% : 70.7 85% : 74.1 10mph Pace: 65.0 - 74.9 (68.7%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	1	6	4	3	0	0	0	14
Wed	00:15	0	0	0	0	0	0	0	0	0	2	10	4	1	1	0	0	18
	00:30	0	0	0	0	0	0	0	0	1	0	7	4	0	0	0	0	12
	00:45	0	0	0	0	0	0	0	0	1	1	4	3	0	0	0	0	9
	01:00	0	0	0	0	0	0	0	0	1	0	3	9	3	1	0	0	17
	01:15	0	0	0	0	0	0	1	1	1	1	6	2	1	0	1	0	14
	01:30	0	0	0	0	0	0	0	0	1	1	4	6	0	0	0	0	12
	01:45	0	0	0	0	0	0	0	0	1	1	6	5	1	0	0	0	14
	02:00	0	0	0	0	0	0	0	0	0	4	6	1	0	0	0	0	11
	02:15	0	0	0	0	0	0	1	1	0	1	3	1	1	0	1	0	9
	02:30	0	0	0	0	0	0	0	0	1	0	3	2	0	0	0	0	6
	02:45	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
	03:00	0	0	0	0	0	0	0	1	0	1	4	3	0	0	0	0	9
	03:15	0	0	0	0	0	0	0	0	1	1	6	8	0	0	0	0	16
	03:30	0	0	0	0	0	0	0	0	2	3	7	2	0	0	0	0	14
	03:45	0	0	0	0	0	0	0	0	1	3	6	3	1	0	1	0	15
	04:00	0	0	0	0	0	0	0	0	0	1	11	9	1	1	0	0	23
	04:15	0	0	0	0	0	0	0	0	4	0	9	6	2	1	0	0	22
	04:30	0	0	0	0	0	0	0	0	1	2	14	11	1	0	0	0	29
	04:45	0	0	0	0	0	0	0	0	1	4	18	12	2	1	0	0	38
	05:00	0	0	0	0	0	0	0	1	2	2	17	10	5	0	0	0	37
	05:15	0	0	0	0	0	0	0	0	1	6	10	21	3	2	0	0	43
	05:30	0	0	0	0	0	0	0	1	0	8	23	31	7	1	0	0	71
	05:45	0	0	0	0	0	0	0	0	3	8	33	32	9	1	0	0	86
	06:00	0	0	0	0	0	0	0	0	6	14	26	26	5	1	1	0	79
	06:15	0	0	0	0	0	0	0	1	7	15	39	35	6	3	0	0	106
	06:30	0	0	0	0	0	0	0	0	3	19	58	58	12	2	0	0	152
	06:45	0	0	0	0	0	0	0	0	1	10	69	65	20	3	1	0	169
	07:00	0	0	0	0	0	0	0	0	7	19	57	75	12	0	2	0	172
	07:15	0	0	0	0	0	0	0	0	6	18	51	93	21	2	0	0	191
	07:30	0	0	0	0	0	0	0	0	1	14	91	100	23	3	0	0	232
	07:45	0	0	0	0	0	0	0	0	11	13	57	117	17	2	0	0	217
	08:00	0	0	0	0	0	0	0	0	2	14	74	60	25	4	0	0	179
	08:15	1	0	0	0	0	0	0	0	6	19	58	62	18	5	1	0	170
	08:30	0	0	0	0	0	0	1	1	10	18	42	69	15	1	0	0	157
	08:45	0	0	0	0	0	0	0	1	2	6	52	51	16	2	2	0	132
	09:00	0	0	0	0	0	0	1	0	4	14	40	52	13	0	0	0	124
	09:15	0	0	0	0	0	0	0	1	2	20	58	46	7	2	0	0	136
	09:30	0	0	0	0	0	0	0	0	3	14	48	52	15	2	0	0	134
	09:45	0	0	0	0	0	0	0	0	0	19	65	51	8	2	0	0	145
	10:00	0	0	0	0	0	0	1	0	4	16	59	35	6	3	1	0	125
	10:15	0	0	0	0	0	0	0	2	2	9	57	51	9	2	0	0	132
	10:30	0	0	0	0	0	0	1	2	6	14	63	54	13	1	0	0	154
	10:45	0	0	0	0	0	0	0	0	2	17	64	50	6	1	0	0	140
	11:00	0	0	0	0	0	0	0	0	5	17	65	42	1	0	0	0	130
	11:15	0	0	0	0	1	0	0	0	3	24	60	43	7	0	0	0	138
	11:30	0	0	0	0	0	0	0	0	10	33	65	24	1	0	0	0	133
	11:45	0	0	0	0	0	0	0	1	5	16	84	28	5	0	0	0	139
	12:00	0	0	0	0	0	0	0	1	2	28	72	32	3	0	1	0	139
	12:15	0	0	0	0	0	0	0	1	5	24	64	34	3	2	0	0	133

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	4	35	69	24	0	0	0	0	132
Wed	12:45	0	0	0	0	0	0	0	3	6	34	65	31	1	1	0	0	141
	13:00	0	0	0	0	0	0	0	2	3	48	78	23	0	0	0	0	154
	13:15	0	0	0	0	0	0	0	2	10	27	67	29	4	1	0	0	140
	13:30	0	0	0	0	0	0	0	1	7	24	68	31	4	0	0	0	135
	13:45	0	0	0	0	0	0	0	0	14	39	69	25	0	0	0	0	147
	14:00	0	0	0	0	0	0	0	1	8	31	82	19	2	1	0	0	144
	14:15	0	0	0	0	0	0	0	2	5	26	79	28	7	0	0	0	147
	14:30	0	1	0	0	0	0	0	4	6	29	54	36	8	1	1	0	140
	14:45	0	0	0	0	0	0	0	2	4	32	56	25	3	0	0	0	122
	15:00	0	0	0	0	0	0	0	1	3	28	97	29	2	0	0	0	160
	15:15	0	0	0	0	0	0	0	0	1	34	75	48	5	0	0	0	163
	15:30	1	0	0	0	0	0	0	2	7	32	75	24	4	0	0	0	145
	15:45	0	0	0	0	0	0	1	1	12	36	71	38	1	0	0	0	160
	16:00	0	0	0	0	0	0	0	1	9	32	79	29	4	0	0	0	154
	16:15	0	0	0	0	0	1	0	3	12	47	59	31	4	0	0	0	157
	16:30	0	0	0	0	0	0	1	2	9	39	82	30	4	1	0	0	168
	16:45	0	0	0	0	1	0	0	0	4	39	73	40	3	0	0	0	160
	17:00	0	0	0	0	0	0	0	2	9	42	96	31	4	0	0	0	184
	17:15	0	0	0	0	0	0	0	1	6	30	93	38	2	0	0	0	170
	17:30	0	0	0	0	0	0	1	0	4	37	99	37	5	2	0	0	185
	17:45	0	0	0	0	0	0	0	0	2	29	86	44	2	2	0	0	165
	18:00	0	0	0	0	0	0	0	0	8	23	66	33	3	0	0	0	133
	18:15	0	0	0	0	0	0	0	3	3	34	73	30	3	0	0	0	146
	18:30	0	0	0	0	0	0	0	1	13	24	52	26	2	1	0	0	119
	18:45	0	0	0	0	0	0	2	2	4	15	71	30	2	1	0	0	127
	19:00	1	0	0	0	0	0	0	0	7	17	54	22	6	0	0	0	107
	19:15	0	0	0	0	0	0	0	0	1	17	46	23	4	0	0	0	91
	19:30	0	0	0	0	0	0	0	1	7	21	27	16	1	0	0	0	73
	19:45	0	0	0	0	0	0	0	2	2	15	32	12	2	0	0	0	65
	20:00	0	0	0	0	0	0	0	0	6	14	33	18	1	0	0	0	72
	20:15	0	0	0	0	0	0	0	0	7	16	40	15	0	0	0	0	78
	20:30	0	0	0	0	0	0	0	0	7	16	19	12	3	1	0	0	58
	20:45	0	0	0	0	0	0	2	3	5	18	35	10	0	0	0	0	73
	21:00	0	0	0	0	0	0	0	2	2	14	17	13	3	1	0	0	52
	21:15	0	0	0	0	0	0	1	0	5	12	13	13	4	1	0	0	49
	21:30	0	0	0	0	0	0	0	2	6	9	27	7	3	0	0	0	54
	21:45	0	0	0	0	0	1	0	2	3	4	16	3	0	0	0	0	29
	22:00	0	0	0	0	0	0	1	2	3	15	16	3	0	0	0	0	40
	22:15	0	0	0	0	0	0	0	0	5	7	18	4	0	0	0	0	34
	22:30	0	0	0	0	0	0	0	3	5	4	14	4	0	0	0	0	30
	22:45	0	0	0	0	0	0	0	2	3	2	9	10	0	1	0	0	27
	23:00	0	0	0	0	0	0	0	0	0	4	4	9	1	0	0	0	18
	23:15	0	0	0	0	0	0	0	1	2	5	5	1	0	0	0	0	14
	23:30	0	0	0	0	0	0	0	1	0	2	9	2	0	0	0	0	14
	23:45	0	0	0	0	0	0	0	1	5	5	7	5	0	0	0	0	23

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	1	0	0	2	2	15	74	392	1558	4133	2606	435	67	13	0	9301
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	17%	44%	28%	5%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	4	16	43	27	5	1	0	0	73

Speeds - Average: 68.0 50% : 68.2 67% : 70.2 85% : 73.4 10mph Pace: 65.0 - 74.9 (72.5%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	2	5	12	3	1	1	0	0	24
Thu	00:15	0	0	0	0	0	0	0	1	1	1	9	1	1	0	0	0	14
	00:30	0	0	0	0	0	0	0	0	1	4	5	4	0	0	0	0	14
	00:45	0	0	0	0	0	0	1	3	2	2	6	0	2	0	0	0	16
	01:00	0	0	0	0	0	0	0	1	1	3	3	4	0	0	0	0	12
	01:15	0	0	0	0	0	0	0	0	2	0	4	2	0	0	0	0	8
	01:30	0	0	0	0	0	0	0	1	1	0	4	6	1	1	0	0	14
	01:45	0	0	0	0	0	0	0	0	1	1	7	6	2	0	0	0	17
	02:00	0	0	0	0	0	0	0	0	1	3	3	6	0	0	0	0	13
	02:15	0	0	0	0	0	0	0	0	1	3	1	5	2	0	0	0	12
	02:30	0	0	0	0	0	0	0	0	0	1	1	3	1	0	0	0	6
	02:45	0	0	0	0	0	0	0	0	0	1	6	4	1	1	0	0	13
	03:00	0	0	0	0	0	0	0	1	2	2	2	2	0	0	0	0	9
	03:15	0	0	0	0	0	0	0	0	0	0	2	12	1	0	0	0	15
	03:30	0	0	0	0	0	0	0	1	0	3	5	3	1	0	0	0	13
	03:45	0	0	0	0	0	0	0	0	1	0	5	6	1	0	0	0	13
	04:00	0	0	0	0	0	0	0	0	0	3	6	7	0	0	0	0	16
	04:15	0	0	0	0	0	0	0	0	1	5	5	4	1	0	1	0	17
	04:30	0	0	0	0	0	0	0	1	3	4	10	8	1	0	0	0	27
	04:45	0	0	0	0	0	0	0	1	3	6	13	7	2	0	0	0	32
	05:00	0	0	0	0	0	0	0	0	1	11	9	11	1	0	1	0	34
	05:15	0	0	0	0	0	0	0	0	4	11	18	20	4	2	0	0	59
	05:30	0	0	0	0	0	0	0	1	6	6	31	18	4	1	0	0	67
	05:45	0	0	0	0	0	0	0	1	4	12	19	23	8	3	0	0	70
	06:00	0	0	0	0	0	0	0	1	3	12	20	27	10	3	0	0	76
	06:15	0	0	0	0	0	0	0	2	2	10	21	44	26	7	1	0	113
	06:30	0	0	0	0	0	0	0	0	2	5	18	58	23	11	1	0	118
	06:45	0	0	0	0	0	0	0	0	2	8	32	55	36	10	1	0	144
	07:00	0	0	0	0	0	0	0	0	1	7	37	55	24	8	3	0	135
	07:15	0	0	0	0	0	0	0	0	0	13	53	73	31	4	1	0	175
	07:30	0	0	0	0	0	0	0	0	2	13	68	81	34	7	1	0	206
	07:45	0	0	0	0	0	0	0	0	5	16	75	75	19	5	2	0	197
	08:00	0	0	0	0	0	0	0	1	0	10	51	62	25	3	0	0	152
	08:15	1	0	0	0	0	0	0	0	5	20	51	51	10	2	1	0	141
	08:30	0	0	0	0	0	0	0	0	2	21	45	54	18	0	0	0	140
	08:45	1	0	0	0	0	0	0	2	2	21	45	37	15	3	1	0	127
Daily Total :		2	0	0	0	0	0	1	18	64	243	702	837	306	72	14	0	2259
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	3%	11%	31%	37%	14%	3%	1%	0%	
Average :		0	0	0	0	0	0	0	1	2	7	20	23	9	2	0	0	97

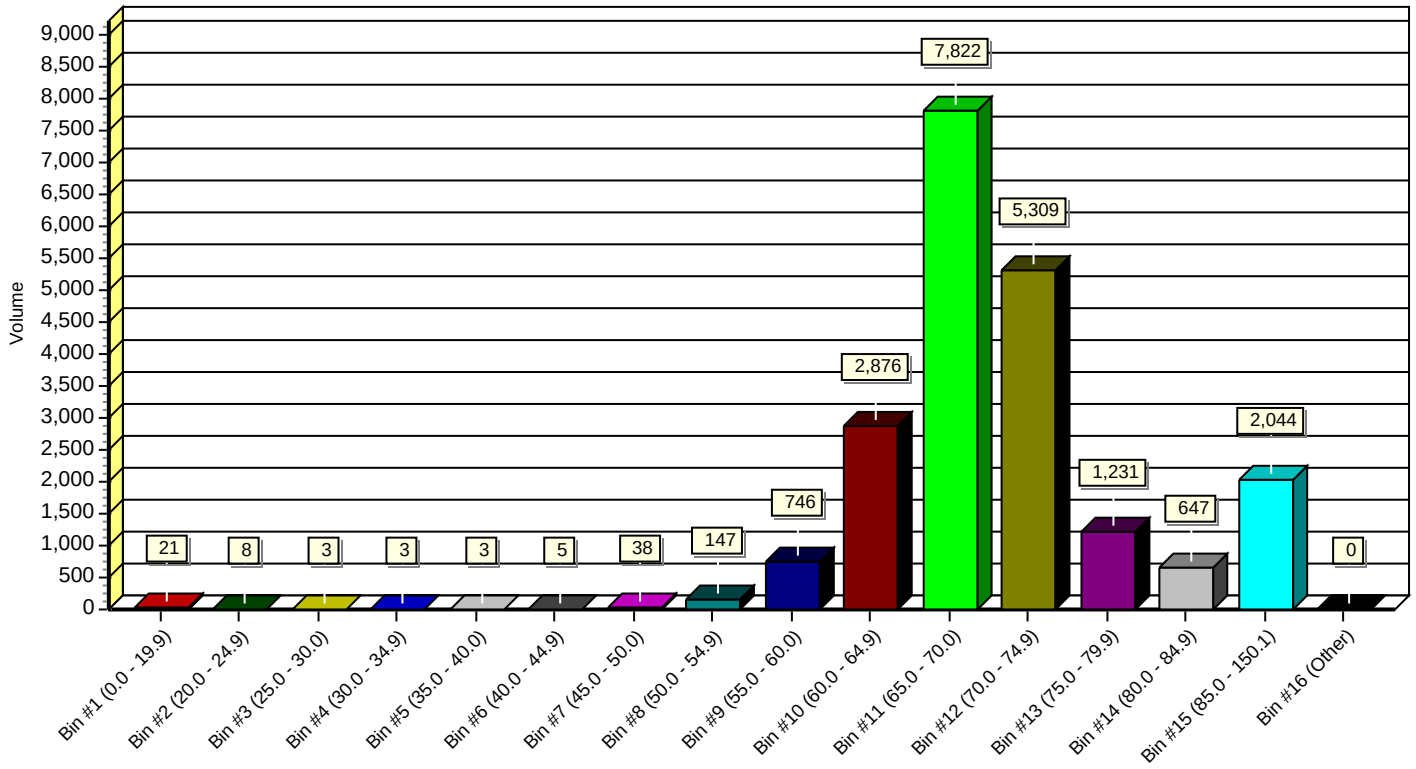
Speeds - Average: 70.5 50% : 70.7 67% : 72.9 85% : 76.0 10mph Pace: 65.0 - 74.9 (68.1%)

Basic Speed Class Summary: 4D0041456

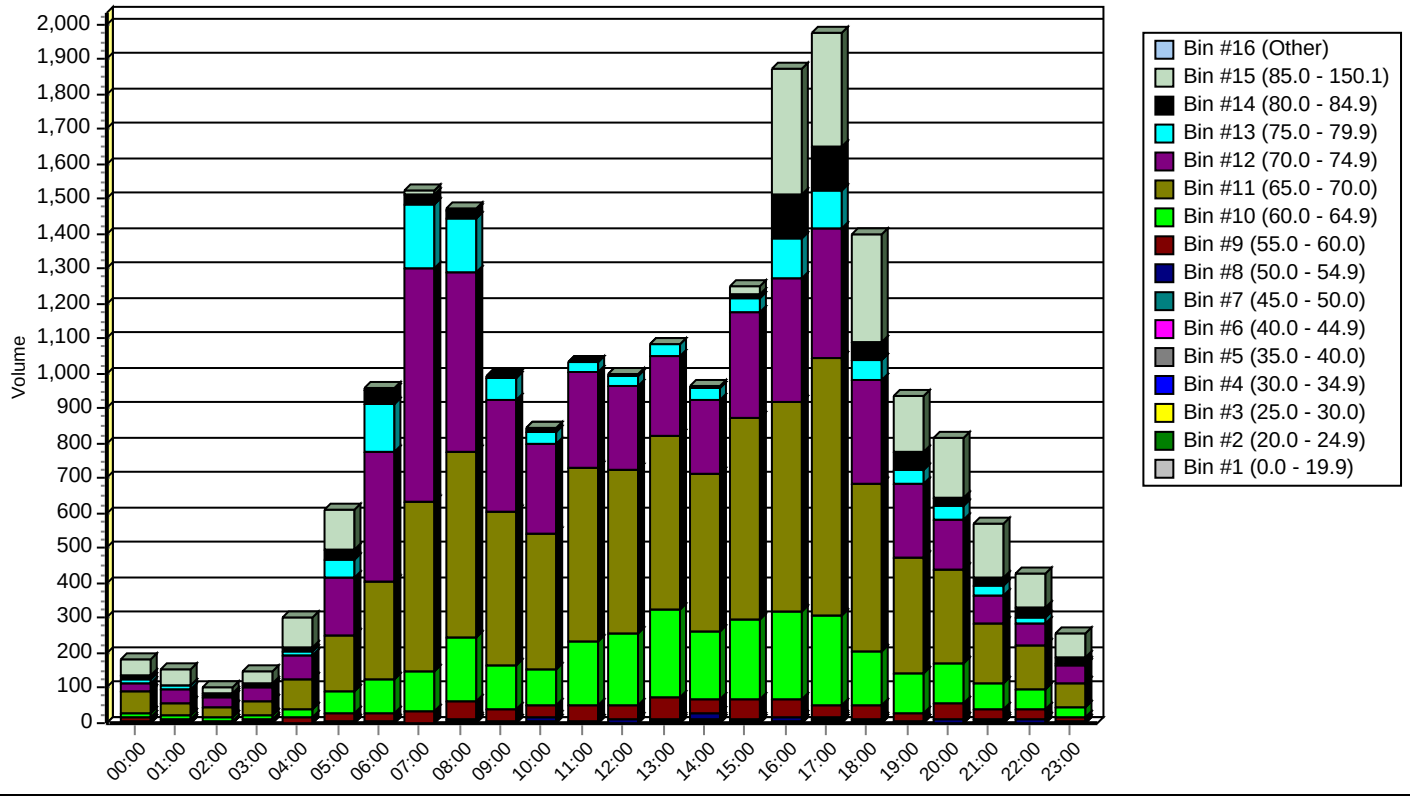
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	21	8	3	3	3	5	38	147	746	2876	7822	5309	1231	647	2044	0	20903
		21	8	3	3	3	5	38	147	746	2876	7822	5309	1231	647	2044	0	20903
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	4%	14%	37%	25%	6%	3%	10%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	4%	14%	37%	25%	6%	3%	10%	0%	
Average :	#1.	0	0	0	0	0	0	0	1	3	11	30	20	5	2	8	0	80
		0	0	0	0	0	0	0	1	3	11	30	20	5	2	8	0	80
Days & ADT :	#1.	2.7	7718															
		2.7	7718															
Avg,50,67,85%:	#1.	73.4	69.3	72.3	78.2	65.0	- 74.9	63%										
		73.4	69.3	72.3	78.2	65.0	- 74.9	63%										

4D0041456 Speed Class Charts For Data From: 15:45 - 04/11/2011 To: 09:14 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0041456

Station ID : 4P0041456
Info Line 1 : 90994510
Info Line 2 : I90 E OF 27INTC
GPS Lat/Lon :
DB File : 4P0041456.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 91412
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 15:45 - 04/11/2011 To: 09:14 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	15:45	1	20	14	1	2	1	0	0	1	0	0	0	1	1	42
Mon	16:00	0	36	33	1	1	1	0	1	8	1	0	0	1	0	83
	16:15	1	48	23	0	1	1	0	1	6	1	0	0	1	0	83
	16:30	2	57	35	2	0	3	0	4	6	0	0	0	0	1	110
	16:45	0	58	37	0	0	0	0	1	5	1	0	0	0	1	103
	17:00	2	68	69	2	0	6	0	2	6	2	0	0	0	2	159
	17:15	1	82	69	0	2	1	0	2	7	4	0	0	1	0	169
	17:30	0	59	58	2	1	2	0	1	5	1	0	0	0	0	129
	17:45	1	26	34	0	0	0	0	0	4	2	0	0	0	0	67
	18:00	0	34	23	1	0	0	0	1	2	0	0	0	1	0	62
	18:15	1	38	18	0	2	1	0	0	2	0	0	0	1	0	63
	18:30	0	28	31	2	0	0	0	0	3	1	0	0	0	0	65
	18:45	1	38	15	1	1	1	0	1	7	0	0	0	1	2	68
	19:00	0	34	19	0	1	0	0	0	2	0	0	0	1	1	58
	19:15	0	22	18	1	0	0	0	0	2	1	0	0	1	0	45
	19:30	1	21	18	0	0	0	0	0	4	0	0	0	0	0	44
	19:45	0	17	14	1	1	0	0	0	2	1	0	0	3	0	39
	20:00	1	13	12	0	0	0	0	1	8	1	0	1	0	0	37
	20:15	0	15	11	0	0	0	0	0	2	0	0	1	0	0	29
	20:30	0	13	8	0	0	0	0	0	3	0	2	0	0	0	26
	20:45	1	7	13	0	0	1	0	0	2	1	0	1	0	0	26
	21:00	0	5	10	0	0	0	0	0	1	0	0	0	0	0	16
	21:15	0	7	5	1	1	0	0	0	2	0	0	0	1	0	17
	21:30	0	5	4	0	1	0	0	0	3	0	0	0	0	0	13
	21:45	0	12	1	1	0	0	0	0	2	0	0	1	0	0	17
	22:00	0	1	2	0	0	0	0	0	3	0	0	0	0	0	6
	22:15	0	7	3	1	0	0	0	0	3	0	0	0	0	0	14
	22:30	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6
	22:45	0	7	3	0	0	0	0	0	2	0	0	0	0	0	12
	23:00	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
	23:15	0	1	1	0	0	0	0	0	0	0	0	0	1	0	3
	23:30	0	1	8	0	0	0	0	0	3	0	0	0	0	0	12
	23:45	0	2	4	0	1	0	0	0	2	2	1	0	1	0	13

	(AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
Date	Time															
Daily Total :		13	788	623	17	15	18	0	15	108	19	3	4	15	8	1646
	Percent :	1%	48%	38%	1%	1%	1%	0%	1%	7%	1%	0%	0%	1%	0%	
	Average :	0	24	19	1	0	1	0	0	3	1	0	0	0	0	49

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	3	5	0	0	0	0	0	4	0	0	0	1	0	13
Tue	00:15	0	3	0	0	0	1	0	0	0	1	0	0	1	0	6
	00:30	0	0	2	0	0	0	0	0	2	1	0	0	1	0	6
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	01:00	0	0	4	0	0	0	0	0	2	0	0	0	0	0	6
	01:15	0	2	1	0	0	0	0	0	2	1	0	0	0	0	6
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	2	5	0	0	0	0	0	1	0	0	0	0	0	8
	02:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	02:15	0	1	2	0	0	0	0	0	0	0	0	0	1	0	4
	02:30	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	02:45	0	0	1	0	0	0	0	0	3	0	0	0	1	0	5
	03:00	0	0	0	0	1	0	0	1	1	0	0	0	0	0	3
	03:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	4	1	0	1	0	0	0	1	0	0	0	0	0	7
	04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:15	0	3	0	0	1	0	0	0	1	1	0	0	0	0	6
	04:30	0	2	2	0	0	0	0	1	1	0	0	0	0	0	6
	04:45	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
	05:00	0	5	4	0	1	0	0	0	2	0	0	0	0	1	13
	05:15	0	3	5	0	0	0	0	0	2	0	0	0	3	0	13
	05:30	0	9	11	0	0	0	0	0	1	0	0	1	0	0	22
	05:45	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:15	0	5	9	0	0	0	0	0	0	0	0	0	0	0	14
	08:30	0	37	19	1	0	0	0	0	2	0	0	0	1	1	61
	08:45	1	46	29	1	0	0	0	2	4	1	0	0	2	2	88
	09:00	0	30	24	0	0	2	0	1	8	0	0	0	1	1	67
	09:15	0	20	19	1	0	0	0	0	6	0	0	0	2	0	48
	09:30	0	41	31	1	0	0	0	0	8	0	0	0	1	0	82
	09:45	0	29	17	0	0	0	0	0	9	1	0	0	1	0	57
	10:00	0	25	21	1	2	1	0	0	5	3	0	0	0	0	58
	10:15	1	27	15	1	0	0	0	1	2	1	0	0	1	0	49
	10:30	0	2	1	0	0	1	0	1	0	0	0	0	0	0	5
	10:45	0	30	28	0	0	0	0	2	3	1	0	0	1	0	65
	11:00	0	39	24	0	0	0	0	0	7	1	0	0	1	1	73
	11:15	0	33	33	0	2	1	0	0	9	0	0	1	0	0	79
	11:30	0	24	23	0	1	1	0	0	9	0	0	0	1	0	59
	11:45	0	29	20	0	0	0	0	0	3	0	0	0	0	2	54
	12:00	0	24	26	1	1	2	0	0	3	3	0	0	0	0	60
	12:15	0	37	26	0	1	0	0	0	4	0	0	0	0	1	69

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	31	25	0	0	1	0	0	4	0	0	0	2	0	63
Tue	12:45	0	32	23	0	1	0	0	0	8	0	0	0	0	0	64
	13:00	0	20	32	1	0	1	0	2	5	0	0	0	1	0	62
	13:15	0	24	13	0	0	2	0	0	4	2	0	0	0	0	45
	13:30	1	27	14	0	1	3	0	0	3	1	0	0	0	1	51
	13:45	0	30	32	0	1	2	1	2	10	1	0	0	2	0	81
	14:00	0	26	27	1	1	0	1	1	5	2	0	0	1	1	66
	14:15	1	39	18	2	1	0	0	2	4	1	0	0	2	0	70
	14:30	0	34	33	2	0	1	0	0	12	0	0	0	1	0	83
	14:45	0	57	26	1	1	4	1	1	6	1	0	0	3	1	102
	15:00	0	21	20	0	0	2	0	0	2	0	0	0	0	0	45
	15:15	0	23	17	0	0	0	0	0	1	0	0	0	0	0	41
	15:30	3	39	29	0	0	1	0	0	4	0	0	0	2	0	78
	15:45	0	34	18	0	3	0	0	0	1	0	0	0	0	0	56
	16:00	0	30	24	0	0	0	0	1	1	1	0	0	0	0	57
	16:15	0	34	32	0	1	0	0	0	2	0	0	0	0	0	69
	16:30	0	29	20	0	0	0	0	0	2	0	0	0	0	0	51
	16:45	0	39	22	0	0	1	1	0	0	0	0	0	0	0	63
	17:00	0	60	29	0	0	0	0	1	5	0	0	0	1	0	96
	17:15	0	50	32	0	0	0	0	0	1	1	0	0	0	0	84
	17:30	1	51	29	0	0	0	0	1	0	0	0	0	0	0	82
	17:45	1	37	23	0	0	0	0	0	1	0	0	0	0	0	62
	18:00	0	20	19	0	0	1	0	0	1	0	0	0	0	0	41
	18:15	0	28	25	0	0	0	0	0	4	0	0	0	0	0	57
	18:30	0	24	15	0	0	0	0	0	0	0	0	0	1	0	40
	18:45	0	15	7	0	0	1	0	0	0	1	0	0	0	0	24
	19:00	0	10	7	0	0	0	0	0	0	0	0	0	0	0	17
	19:15	0	11	10	0	0	0	0	0	1	0	0	0	0	0	22
	19:30	0	10	6	0	0	0	0	0	0	0	0	0	2	0	18
	19:45	0	7	5	0	0	0	0	0	2	0	0	0	0	0	14
	20:00	0	15	4	0	0	0	0	0	0	0	0	0	0	0	19
	20:15	1	16	9	0	0	0	0	0	1	0	0	0	0	0	27
	20:30	0	16	4	0	0	0	0	0	1	0	0	1	0	0	22
	20:45	0	8	5	0	1	0	0	0	2	0	0	0	0	0	16
	21:00	0	4	4	0	0	0	0	0	1	0	0	0	0	0	9
	21:15	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	21:30	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	21:45	0	3	1	0	0	0	0	0	2	0	0	0	0	0	6
	22:00	0	3	2	0	0	0	0	0	2	0	0	0	0	0	7
	22:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:30	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	22:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	23:30	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	23:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Daily Total :		12	1497	1085	14	22	29	4	20	209	26	0	3	39	12	2972
Percent :		0%	50%	37%	0%	1%	1%	0%	1%	7%	1%	0%	0%	1%	0%	
Average :		0	16	11	0	0	0	0	0	2	0	0	0	0	0	29

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	03:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	04:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	3	2	0	0	0	0	0	1	0	0	0	0	0	6
	05:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	05:15	0	4	2	0	2	0	0	0	0	0	0	0	0	0	8
	05:30	0	12	2	0	0	0	0	0	0	0	0	0	0	0	14
	05:45	0	13	3	0	1	0	0	0	0	0	0	0	0	0	17
	06:00	0	12	10	0	0	0	0	0	2	0	0	0	1	0	25
	06:15	0	18	14	0	0	0	0	0	0	0	0	0	1	0	33
	06:30	0	35	18	1	0	0	0	0	0	0	0	0	0	1	55
	06:45	0	60	27	0	0	0	0	1	2	0	0	0	0	1	91
	07:00	1	36	30	0	0	0	0	0	0	0	0	0	0	1	68
	07:15	0	74	39	0	0	0	0	1	0	0	0	0	0	2	116
	07:30	0	88	51	1	1	0	0	1	0	0	0	0	1	0	143
	07:45	0	100	47	1	0	0	0	4	2	0	0	0	0	1	155
	08:00	0	42	24	0	1	0	0	2	4	0	0	0	0	1	74
	08:15	0	31	25	0	1	0	0	0	0	0	0	0	2	0	59
	08:30	1	35	24	0	0	0	0	0	0	0	0	0	2	0	62
	08:45	0	29	20	1	0	0	0	0	0	0	0	0	0	0	50
	09:00	0	20	25	0	0	0	0	0	1	1	0	0	0	0	47
	09:15	0	18	13	0	0	0	0	0	2	1	0	0	1	0	35
	09:30	0	20	15	0	0	1	0	0	5	0	0	0	0	0	41
	09:45	0	22	17	0	0	0	0	0	4	1	0	0	1	0	45
	10:00	0	15	18	0	0	1	0	0	1	0	0	0	0	0	35
	10:15	0	28	20	0	0	1	0	2	2	0	0	0	1	0	54
	10:30	0	19	17	0	0	0	0	0	5	2	0	0	1	0	44
	10:45	0	28	15	0	0	1	0	0	2	0	0	0	0	0	46
	11:00	0	22	16	0	1	0	0	0	0	0	0	0	0	0	39
	11:15	0	22	13	0	0	0	0	0	2	0	0	0	0	0	37
	11:30	0	19	21	0	0	0	0	0	3	1	0	0	0	0	44
	11:45	1	23	11	0	0	1	0	0	1	1	0	0	0	0	38
	12:00	0	25	14	0	1	1	0	0	4	1	0	0	0	0	46
	12:15	0	25	14	0	0	0	0	0	4	0	0	0	0	0	43

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	1	25	13	0	0	0	0	1	2	0	0	0	0	1	43
Wed	12:45	0	25	17	0	0	0	0	0	2	1	0	0	0	0	45
	13:00	0	17	16	0	0	2	0	0	2	1	0	0	0	0	38
	13:15	0	29	15	1	2	0	0	0	0	1	0	0	1	0	49
	13:30	0	26	19	0	0	0	0	0	2	1	0	0	0	0	48
	13:45	1	25	13	0	1	0	0	0	1	0	0	0	2	0	43
	14:00	0	26	17	0	0	0	0	0	1	1	0	0	0	0	45
	14:15	0	28	19	0	0	2	0	0	3	0	0	0	2	0	54
	14:30	0	25	13	1	1	1	0	1	3	0	0	0	1	0	46
	14:45	0	30	17	0	0	0	0	0	2	2	0	0	1	0	52
	15:00	0	26	20	0	0	2	0	1	0	1	0	0	0	0	50
	15:15	0	45	28	0	0	1	0	1	1	0	0	0	0	0	76
	15:30	0	35	26	1	0	0	0	0	3	0	0	0	0	0	65
	15:45	0	50	38	0	0	1	0	0	4	1	0	0	0	0	94
	16:00	0	30	23	0	0	0	0	0	0	0	0	0	0	0	53
	16:15	0	41	28	0	0	2	0	0	4	0	0	0	0	0	75
	16:30	0	46	33	0	0	0	0	0	2	2	0	0	0	0	83
	16:45	0	42	32	1	0	2	1	0	2	0	0	0	0	1	81
	17:00	0	61	39	0	0	0	0	0	3	1	0	0	0	1	105
	17:15	0	53	26	0	0	0	0	1	2	0	0	0	0	0	82
	17:30	0	52	29	0	0	1	0	0	3	1	0	0	1	2	89
	17:45	0	37	25	0	0	0	0	0	0	0	0	0	2	0	64
	18:00	0	23	10	0	0	0	0	0	0	0	0	0	0	0	33
	18:15	0	22	18	0	0	0	0	0	2	0	0	0	1	0	43
	18:30	0	20	16	1	0	0	0	0	1	0	0	0	0	0	38
	18:45	0	21	14	0	0	0	0	0	1	0	0	0	0	0	36
	19:00	0	13	8	0	0	0	0	0	1	0	0	0	0	0	22
	19:15	0	18	5	0	0	0	0	0	1	0	0	0	0	1	25
	19:30	0	13	1	0	0	0	0	0	2	1	0	0	0	0	17
	19:45	0	7	5	0	0	0	0	0	1	0	0	0	1	0	14
	20:00	0	7	6	0	0	0	0	0	0	1	0	0	0	0	14
	20:15	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
	20:30	0	5	4	0	0	0	0	0	2	0	0	0	0	0	11
	20:45	0	8	3	0	0	0	0	0	1	0	0	0	0	0	12
	21:00	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	21:15	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
	21:30	0	9	1	0	0	0	0	0	1	0	0	0	0	0	11
	21:45	0	4	3	0	0	0	0	0	1	0	0	0	0	0	8
	22:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:15	0	1	1	0	0	0	0	0	2	0	0	1	0	0	5
	22:30	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	22:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	23:15	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	23:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	0	1	0	0	0	0	0	2	0	0	0	0	0	3
Daily Total :		5	1887	1187	9	12	20	1	16	112	24	0	1	24	14	3312
	Percent :	0%	57%	36%	0%	0%	1%	0%	0%	3%	1%	0%	0%	1%	0%	
	Average :	0	20	12	0	0	0	0	0	1	0	0	0	0	0	33

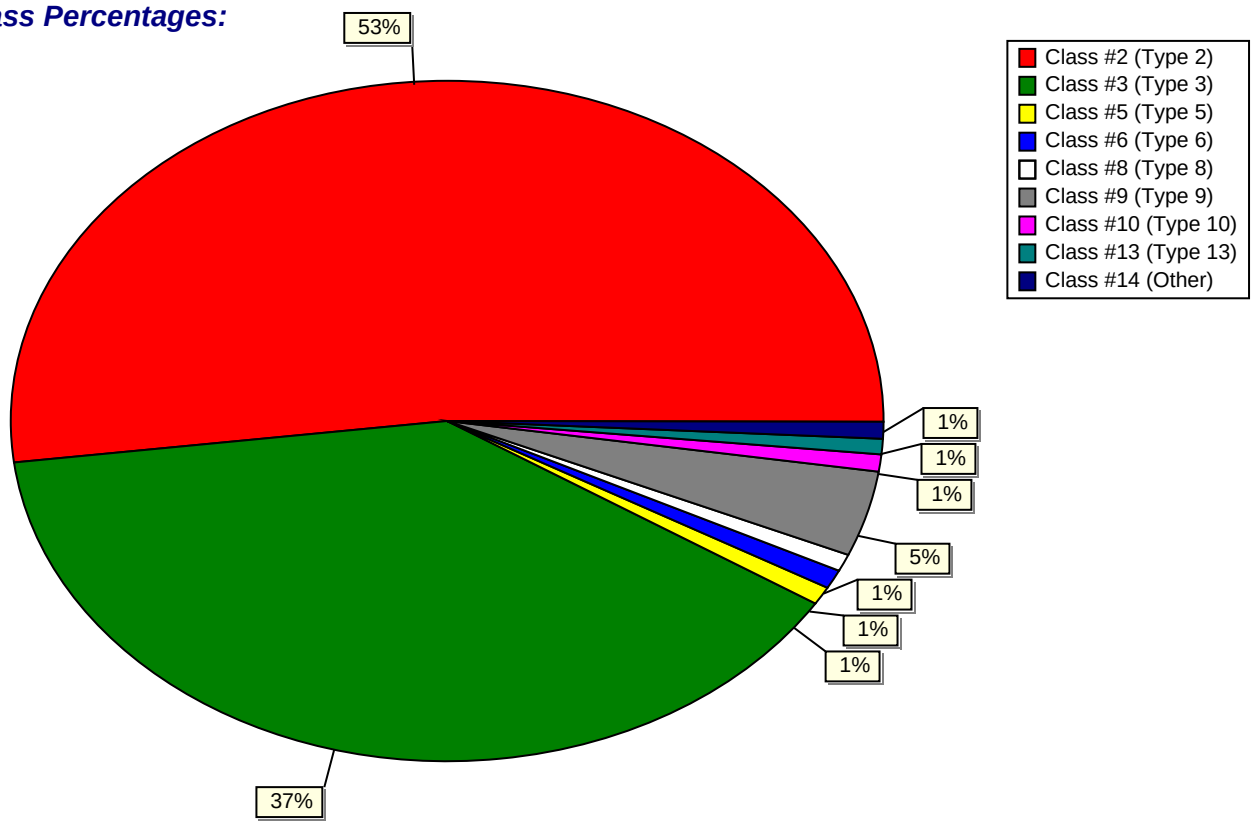
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Thu	00:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	00:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:00	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	1	0	0	0	0	0	0	1	0	0	1	0	3
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	04:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	05:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	05:15	0	6	5	0	0	0	0	0	3	0	0	0	0	0	14
	05:30	0	5	9	0	0	0	0	0	1	0	0	0	0	0	15
	05:45	0	5	10	0	0	0	0	0	2	0	0	0	0	0	17
	06:00	0	11	8	0	0	0	0	0	1	0	0	0	1	0	21
	06:15	0	16	17	0	0	0	0	0	0	0	0	0	0	0	33
	06:30	0	31	26	0	1	0	0	0	3	0	0	0	1	0	62
	06:45	0	45	23	0	0	1	0	1	0	0	0	0	0	1	71
	07:00	0	40	26	0	0	0	0	0	1	0	0	0	0	1	68
	07:15	0	54	31	0	0	0	0	0	2	0	0	0	1	2	90
	07:30	0	91	54	0	0	2	0	1	2	0	0	0	1	0	151
	07:45	0	107	60	0	0	0	0	2	4	1	0	0	1	4	179
	08:00	0	48	25	0	0	0	0	0	3	0	0	0	1	2	79
	08:15	1	45	31	1	1	1	0	1	1	0	0	0	1	0	83
	08:30	1	36	16	0	0	1	0	0	2	0	0	0	3	0	59
	08:45	0	27	30	0	1	0	0	0	3	0	0	0	3	1	65
Daily Total :		2	578	382	1	4	5	0	5	30	2	0	0	14	11	1034
	Percent :	0%	56%	37%	0%	0%	0%	0%	0%	3%	0%	0%	0%	1%	1%	
	Average :	0	16	11	0	0	0	0	0	1	0	0	0	0	0	28

Basic Axle Class Summary: 4P0041456

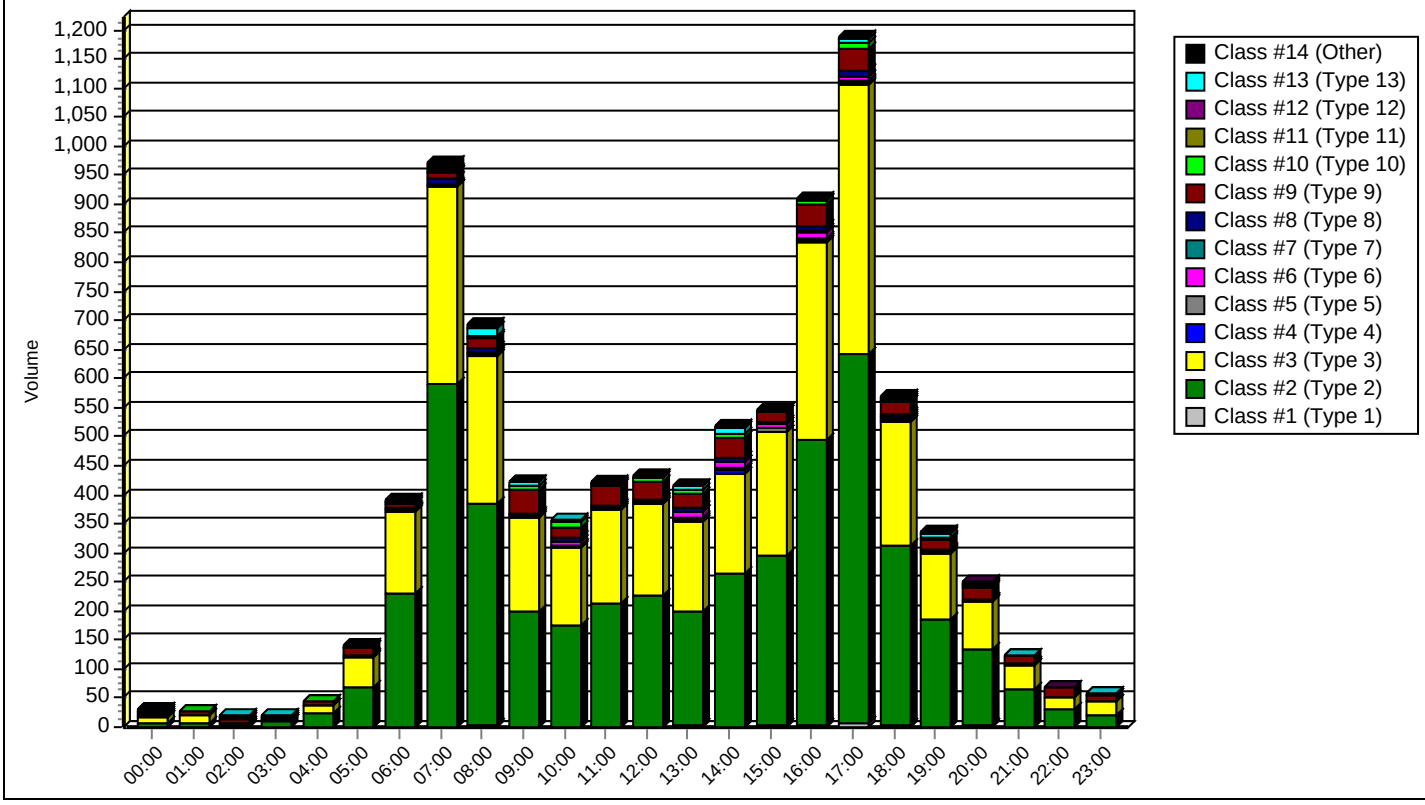
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	32	4750	3277	41	53	72	5	56	459	71	3	8	92	45	8964
		32	4750	3277	41	53	72	5	56	459	71	3	8	92	45	8964
Percents :	#1.	0%	53%	37%	0%	1%	1%	0%	1%	5%	1%	0%	0%	1%	1%	100%
		0%	53%	37%	0%	1%	1%	0%	1%	5%	1%	0%	0%	1%	1%	
Average :	#1.	0	18	13	0	0	0	0	0	2	0	0	0	0	0	33
		0	18	13	0	0	0	0	0	2	0	0	0	0	0	33
Days & ADT :	#1.	2.7	3297													
		2.7	3297													

4P0041456 Axle Class Charts For Data From: 15:45 - 04/11/2011 To: 09:14 - 04/14/2011

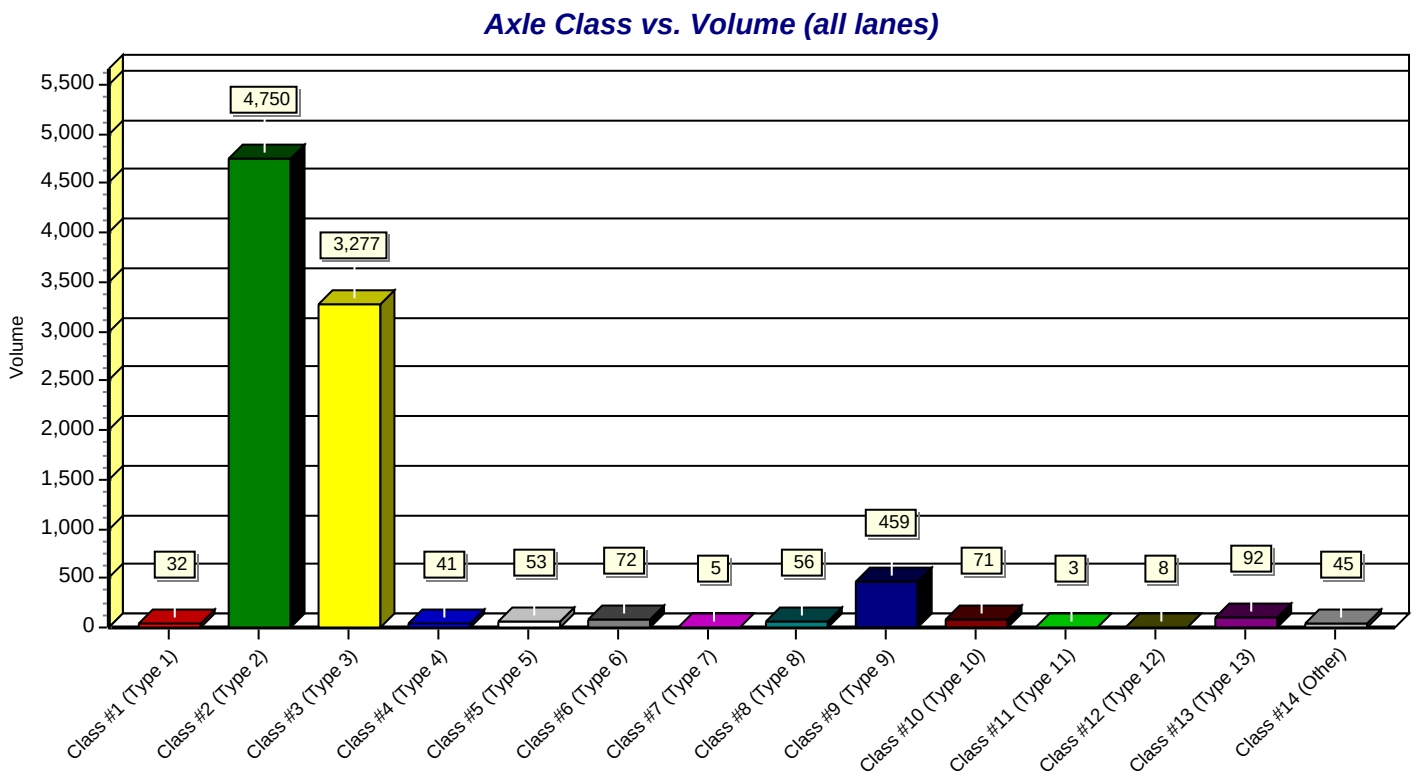
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0041456 Axle Class Charts For Data From: 15:45 - 04/11/2011 To: 09:14 - 04/14/2011



Basic Speed Classification Report: 4P0041456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 15:45 - 04/11/2011 To: 09:14 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	15:45	0	0	0	0	0	0	0	3	5	8	20	6	0	0	0	0	42
Mon	16:00	0	0	0	0	0	0	0	1	1	16	46	16	1	1	1	0	83
	16:15	0	0	0	0	0	0	0	0	3	17	44	17	2	0	0	0	83
	16:30	0	0	0	0	0	0	0	0	1	22	50	32	5	0	0	0	110
	16:45	1	0	0	0	0	0	0	0	3	22	61	16	0	0	0	0	103
	17:00	0	0	1	0	0	0	0	0	3	36	89	25	5	0	0	0	159
	17:15	0	0	0	0	0	0	1	0	8	50	80	29	1	0	0	0	169
	17:30	0	0	0	0	0	0	0	0	7	29	69	22	2	0	0	0	129
	17:45	0	0	0	0	0	0	0	0	3	5	38	19	2	0	0	0	67
	18:00	0	0	0	0	0	0	1	0	0	4	35	18	4	0	0	0	62
	18:15	0	0	0	0	0	0	0	0	1	7	28	23	4	0	0	0	63
	18:30	0	0	0	0	0	0	0	0	0	11	34	16	4	0	0	0	65
	18:45	1	0	0	0	0	0	0	0	3	10	38	13	3	0	0	0	68
	19:00	0	0	0	0	0	0	0	0	3	17	26	10	2	0	0	0	58
	19:15	0	0	0	0	0	0	0	1	0	8	27	7	1	1	0	0	45
	19:30	0	0	0	0	0	0	0	0	0	13	18	11	2	0	0	0	44
	19:45	0	0	0	0	0	0	0	0	0	8	18	11	2	0	0	0	39
	20:00	0	0	0	0	0	0	1	0	1	5	23	5	1	0	1	0	37
	20:15	0	0	0	0	0	0	0	1	0	1	17	8	2	0	0	0	29
	20:30	0	0	0	0	0	0	0	0	1	5	15	5	0	0	0	0	26
	20:45	0	0	0	0	0	0	0	0	0	3	7	10	5	1	0	0	26
	21:00	0	0	0	0	0	0	0	0	0	1	8	7	0	0	0	0	16
	21:15	0	0	0	0	0	0	0	0	0	1	8	6	2	0	0	0	17
	21:30	0	0	0	0	0	0	0	0	0	3	6	3	0	1	0	0	13
	21:45	0	0	0	0	0	0	0	0	0	1	11	3	2	0	0	0	17
	22:00	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	0	6
	22:15	0	0	0	0	0	0	0	0	1	2	7	4	0	0	0	0	14
	22:30	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	6
	22:45	0	0	0	0	0	0	0	0	0	3	5	3	1	0	0	0	12
	23:00	0	0	0	0	0	0	0	0	0	0	8	1	1	0	0	0	10
	23:15	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	0	1	10	0	1	0	0	0	12
	23:45	0	0	0	0	0	0	1	0	0	4	8	0	0	0	0	0	13
Daily Total :		2	0	1	0	0	0	4	6	44	315	862	350	56	4	2	0	1646
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	3%	19%	52%	21%	3%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	1	10	26	11	2	0	0	0	33

Speeds - Average: 67.5 50% : 67.7 67% : 69.2 85% : 72.5 10mph Pace: 65.0 - 74.9 (73.6%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	3	7	2	0	1	0	0	13
Tue	00:15	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	6
	00:30	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	6
	00:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	1	1	4	0	0	0	0	6
	01:15	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	6
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	1	5	1	0	1	0	0	8
	02:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	1	0	0	2	0	1	0	0	0	4
	02:30	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	02:45	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	5
	03:00	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	3
	03:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	1	4	1	1	0	0	0	7
	04:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	1	2	3	0	0	0	0	6
	04:30	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	6
	04:45	0	0	0	0	0	0	0	0	0	2	0	2	3	0	0	0	7
	05:00	0	0	0	0	0	0	0	0	0	1	7	4	1	0	0	0	13
	05:15	0	0	0	0	0	0	0	0	0	1	9	2	1	0	0	0	13
	05:30	0	0	0	0	0	0	0	0	0	1	9	9	2	1	0	0	22
	05:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08:15	0	0	0	0	0	0	0	0	1	3	8	2	0	0	0	0	14
	08:30	0	0	0	0	0	0	0	0	4	16	32	9	0	0	0	0	61
	08:45	0	0	0	0	0	0	0	0	1	9	49	26	3	0	0	0	88
	09:00	0	0	0	0	0	0	0	0	0	4	42	19	1	1	0	0	67
	09:15	0	0	0	0	0	0	0	0	1	3	25	18	1	0	0	0	48
	09:30	0	0	0	0	0	0	0	0	0	10	42	28	2	0	0	0	82
	09:45	1	0	0	0	0	0	0	1	0	11	25	18	1	0	0	0	57
	10:00	0	0	0	0	0	0	0	0	2	15	30	9	2	0	0	0	58
	10:15	0	0	0	0	0	0	0	0	0	9	31	9	0	0	0	0	49
	10:30	0	0	0	0	0	1	1	0	1	2	0	0	0	0	0	0	5
	10:45	0	0	0	0	0	0	0	1	5	17	33	9	0	0	0	0	65
	11:00	0	0	0	0	0	0	0	0	3	21	36	12	1	0	0	0	73
	11:15	0	0	0	0	0	0	0	0	2	27	40	8	2	0	0	0	79
	11:30	0	0	0	0	0	0	0	0	1	13	37	6	2	0	0	0	59
	11:45	0	0	0	0	0	0	0	0	0	12	30	11	1	0	0	0	54
	12:00	0	0	0	0	0	0	0	0	1	13	40	4	2	0	0	0	60
	12:15	0	0	0	0	0	0	0	0	0	22	34	12	1	0	0	0	69

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	1	0	0	0	0	2	1	1	11	43	3	1	0	0	0	63
Tue	12:45	0	0	0	0	0	0	0	0	1	16	30	13	4	0	0	0	64
	13:00	0	0	0	0	0	0	0	2	2	16	27	11	4	0	0	0	62
	13:15	0	0	0	0	0	0	0	0	1	9	31	3	1	0	0	0	45
	13:30	1	0	0	0	0	0	0	0	0	14	29	6	1	0	0	0	51
	13:45	0	0	0	0	0	0	0	0	2	26	42	10	1	0	0	0	81
	14:00	1	0	0	0	0	0	0	0	1	21	28	14	1	0	0	0	66
	14:15	0	0	0	0	0	1	0	0	2	25	35	7	0	0	0	0	70
	14:30	0	1	0	0	0	0	1	4	8	27	35	7	0	0	0	0	83
	14:45	0	0	0	0	0	0	0	7	28	35	25	6	1	0	0	0	102
	15:00	0	0	0	0	0	0	0	0	0	9	26	9	1	0	0	0	45
	15:15	0	0	0	0	0	0	0	0	0	6	28	6	1	0	0	0	41
	15:30	0	0	0	0	0	0	0	0	1	12	47	14	4	0	0	0	78
	15:45	0	0	0	0	0	0	0	0	0	11	31	8	5	1	0	0	56
	16:00	0	0	0	0	0	0	0	0	2	9	38	6	2	0	0	0	57
	16:15	0	0	0	0	0	0	0	0	0	10	39	18	2	0	0	0	69
	16:30	0	0	0	0	0	0	0	0	0	1	30	17	3	0	0	0	51
	16:45	0	0	0	0	0	0	0	0	0	3	37	22	1	0	0	0	63
	17:00	0	0	0	0	0	0	0	0	3	17	55	19	1	1	0	0	96
	17:15	0	0	0	0	0	0	0	0	0	9	58	17	0	0	0	0	84
	17:30	0	0	0	0	0	0	0	0	2	15	56	8	1	0	0	0	82
	17:45	0	0	0	0	0	0	0	0	0	20	35	7	0	0	0	0	62
	18:00	0	0	0	0	0	0	0	0	0	3	23	12	3	0	0	0	41
	18:15	0	0	0	0	0	0	0	0	0	13	39	5	0	0	0	0	57
	18:30	0	0	0	0	0	0	0	0	0	4	20	14	2	0	0	0	40
	18:45	0	0	0	0	0	0	0	0	0	2	16	6	0	0	0	0	24
	19:00	0	0	0	0	0	0	0	0	0	2	10	4	1	0	0	0	17
	19:15	0	0	0	0	0	0	0	0	0	1	14	5	1	1	0	0	22
	19:30	0	0	0	0	0	0	0	0	0	1	14	2	0	1	0	0	18
	19:45	0	0	0	0	0	0	0	0	0	4	8	2	0	0	0	0	14
	20:00	0	0	0	0	0	0	0	0	0	2	12	4	1	0	0	0	19
	20:15	1	0	0	0	0	0	0	0	0	6	13	6	1	0	0	0	27
	20:30	0	0	0	0	0	0	0	0	3	2	14	3	0	0	0	0	22
	20:45	0	0	0	0	0	0	0	0	1	6	7	1	1	0	0	0	16
	21:00	0	0	0	0	0	0	0	0	0	3	5	1	0	0	0	0	9
	21:15	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	7
	21:30	0	0	0	0	0	0	0	0	0	1	3	0	1	0	0	0	5
	21:45	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	6
	22:00	0	0	0	0	0	0	0	0	0	5	1	1	0	0	0	0	7
	22:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	22:30	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
	23:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	2	0	1	0	2	4	18	82	616	1626	535	74	8	0	0	2972
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	3%	21%	55%	18%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	1	6	17	6	1	0	0	0	50

Speeds - Average: 67.1 50% : 67.4 67% : 68.9 85% : 71.7 10mph Pace: 60.1 - 70.0 (75.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	04:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	6
	05:00	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	5
	05:15	0	0	0	0	0	0	0	0	1	1	3	2	1	0	0	0	8
	05:30	0	0	0	0	0	0	0	0	0	0	9	5	0	0	0	0	14
	05:45	0	0	0	0	0	0	0	0	0	0	10	5	1	0	1	0	17
	06:00	0	0	0	0	0	0	0	0	2	1	15	5	2	0	0	0	25
	06:15	0	0	0	0	0	0	0	0	0	3	19	9	2	0	0	0	33
	06:30	0	0	0	0	0	0	0	0	1	5	32	14	2	0	1	0	55
	06:45	0	0	0	0	0	0	0	0	0	3	44	33	9	1	1	0	91
	07:00	0	0	0	0	0	0	0	0	0	3	32	25	5	1	2	0	68
	07:15	0	0	0	0	0	0	0	0	0	2	39	62	12	1	0	0	116
	07:30	0	0	0	0	0	0	0	0	0	1	65	65	11	1	0	0	143
	07:45	0	0	0	0	0	0	0	0	0	5	72	56	20	2	0	0	155
	08:00	0	0	0	0	0	0	0	0	0	3	35	25	10	1	0	0	74
	08:15	0	0	0	0	0	0	0	0	0	2	23	28	4	1	1	0	59
	08:30	0	0	0	0	0	0	0	0	1	1	24	29	6	1	0	0	62
	08:45	0	0	0	0	0	0	0	0	0	4	22	20	3	1	0	0	50
	09:00	0	0	0	0	0	0	0	0	0	1	26	18	2	0	0	0	47
	09:15	0	0	0	0	0	0	0	0	1	0	20	13	1	0	0	0	35
	09:30	0	0	0	0	0	0	0	0	0	2	28	11	0	0	0	0	41
	09:45	0	0	0	0	0	0	0	0	0	8	33	4	0	0	0	0	45
	10:00	0	0	0	0	0	0	0	0	0	6	15	10	4	0	0	0	35
	10:15	0	0	0	0	0	0	0	0	0	9	34	7	4	0	0	0	54
	10:30	0	0	0	0	0	0	0	0	0	5	25	12	2	0	0	0	44
	10:45	0	0	0	0	0	0	0	0	0	11	22	13	0	0	0	0	46
	11:00	0	0	0	0	0	0	0	0	0	3	25	10	1	0	0	0	39
	11:15	0	0	0	0	0	0	0	0	0	5	26	5	0	1	0	0	37
	11:30	0	0	0	0	0	0	0	0	0	4	28	11	1	0	0	0	44
	11:45	0	0	0	0	0	0	0	0	0	0	23	14	1	0	0	0	38
	12:00	0	0	0	0	0	0	0	0	0	10	31	5	0	0	0	0	46
	12:15	0	0	0	0	0	0	0	0	0	10	22	11	0	0	0	0	43

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	10	24	9	0	0	0	0	43
Wed	12:45	0	0	0	0	0	0	0	0	1	8	26	9	1	0	0	0	45
	13:00	0	0	0	0	0	0	0	0	0	6	22	10	0	0	0	0	38
	13:15	0	0	0	0	0	0	0	0	1	8	34	4	2	0	0	0	49
	13:30	0	0	0	0	0	0	0	0	0	11	33	4	0	0	0	0	48
	13:45	0	0	0	0	0	0	0	0	0	17	21	4	1	0	0	0	43
	14:00	0	0	0	0	0	0	0	0	1	14	25	5	0	0	0	0	45
	14:15	0	0	0	0	0	0	0	0	1	13	30	10	0	0	0	0	54
	14:30	0	0	0	0	0	0	0	0	1	9	30	5	1	0	0	0	46
	14:45	0	0	0	0	0	0	0	0	0	16	29	6	1	0	0	0	52
	15:00	0	0	0	0	0	0	0	0	0	7	30	12	1	0	0	0	50
	15:15	0	0	0	0	0	0	0	0	0	8	52	13	2	1	0	0	76
	15:30	0	0	0	0	0	0	0	0	1	18	36	10	0	0	0	0	65
	15:45	0	0	0	0	0	0	0	0	0	11	63	19	1	0	0	0	94
	16:00	0	0	0	0	0	0	0	0	0	6	31	16	0	0	0	0	53
	16:15	0	0	0	0	0	0	0	0	0	22	46	7	0	0	0	0	75
	16:30	0	0	0	0	0	0	0	0	0	14	48	19	2	0	0	0	83
	16:45	0	0	0	0	0	0	0	0	1	17	48	13	2	0	0	0	81
	17:00	0	0	0	0	0	0	0	0	2	25	67	10	1	0	0	0	105
	17:15	0	0	0	0	0	0	0	0	0	20	54	8	0	0	0	0	82
	17:30	0	0	0	0	0	0	0	0	0	14	62	13	0	0	0	0	89
	17:45	0	0	0	0	0	0	0	0	0	7	44	11	1	1	0	0	64
	18:00	0	0	0	0	0	0	0	0	0	6	23	3	1	0	0	0	33
	18:15	0	0	0	0	0	0	0	0	1	4	34	4	0	0	0	0	43
	18:30	0	0	0	0	0	0	0	0	2	8	20	7	0	1	0	0	38
	18:45	0	0	0	0	0	0	1	0	0	9	20	6	0	0	0	0	36
	19:00	0	0	0	0	0	0	0	0	0	3	13	3	3	0	0	0	22
	19:15	0	0	0	0	0	0	0	0	1	9	10	4	1	0	0	0	25
	19:30	0	0	0	0	0	0	0	0	5	3	8	1	0	0	0	0	17
	19:45	0	0	0	0	0	0	0	0	0	6	5	3	0	0	0	0	14
	20:00	0	0	0	0	0	0	0	0	0	2	10	2	0	0	0	0	14
	20:15	0	0	0	0	0	0	0	1	1	4	6	0	0	0	0	0	12
	20:30	0	0	0	0	0	0	0	0	0	3	5	3	0	0	0	0	11
	20:45	0	0	0	0	0	0	0	0	2	5	4	1	0	0	0	0	12
	21:00	0	0	0	0	0	0	0	0	0	2	6	1	0	0	0	0	9
	21:15	0	0	0	0	0	0	0	0	0	2	3	1	0	1	0	0	7
	21:30	0	0	0	0	0	0	0	0	0	3	7	1	0	0	0	0	11
	21:45	0	0	0	0	0	0	0	1	0	4	3	0	0	0	0	0	8
	22:00	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	0	5
	22:30	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	23:00	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	23:15	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	0	0	0	0	1	3	31	476	1861	792	126	15	6	0	3312
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	14%	56%	24%	4%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	5	19	8	1	0	0	0	31

Speeds - Average: 68.4 50% : 68.1 67% : 69.7 85% : 72.8 10mph Pace: 65.0 - 74.9 (80.1%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Thu	00:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	4	5	0	0	0	0	9
	05:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	1	10	2	1	0	0	0	14
	05:30	0	0	0	0	0	0	0	0	0	2	9	3	0	1	0	0	15
	05:45	0	0	0	0	0	0	0	0	0	4	5	6	0	2	0	0	17
	06:00	0	0	0	0	0	0	0	0	0	1	13	6	1	0	0	0	21
	06:15	0	0	0	0	0	0	0	0	1	0	15	13	4	0	0	0	33
	06:30	0	0	0	0	0	0	0	0	0	6	23	27	4	2	0	0	62
	06:45	0	0	0	0	0	0	0	0	0	1	34	30	6	0	0	0	71
	07:00	0	0	0	0	0	0	0	0	0	1	31	31	5	0	0	0	68
	07:15	0	0	0	0	0	0	0	0	0	3	56	25	6	0	0	0	90
	07:30	0	0	0	0	0	0	0	0	0	6	73	68	4	0	0	0	151
	07:45	0	0	0	0	0	0	0	0	0	10	103	57	6	2	1	0	179
	08:00	0	1	0	0	0	0	0	0	0	8	50	17	3	0	0	0	79
	08:15	0	0	0	0	0	0	0	0	3	10	40	26	4	0	0	0	83
	08:30	1	0	0	0	0	0	0	0	0	3	35	16	2	1	1	0	59
	08:45	0	1	0	0	0	0	1	0	1	9	29	24	0	0	0	0	65
Daily Total :		1	2	0	0	0	0	1	0	5	69	542	358	46	8	2	0	1034
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	52%	35%	4%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	2	15	10	1	0	0	0	33

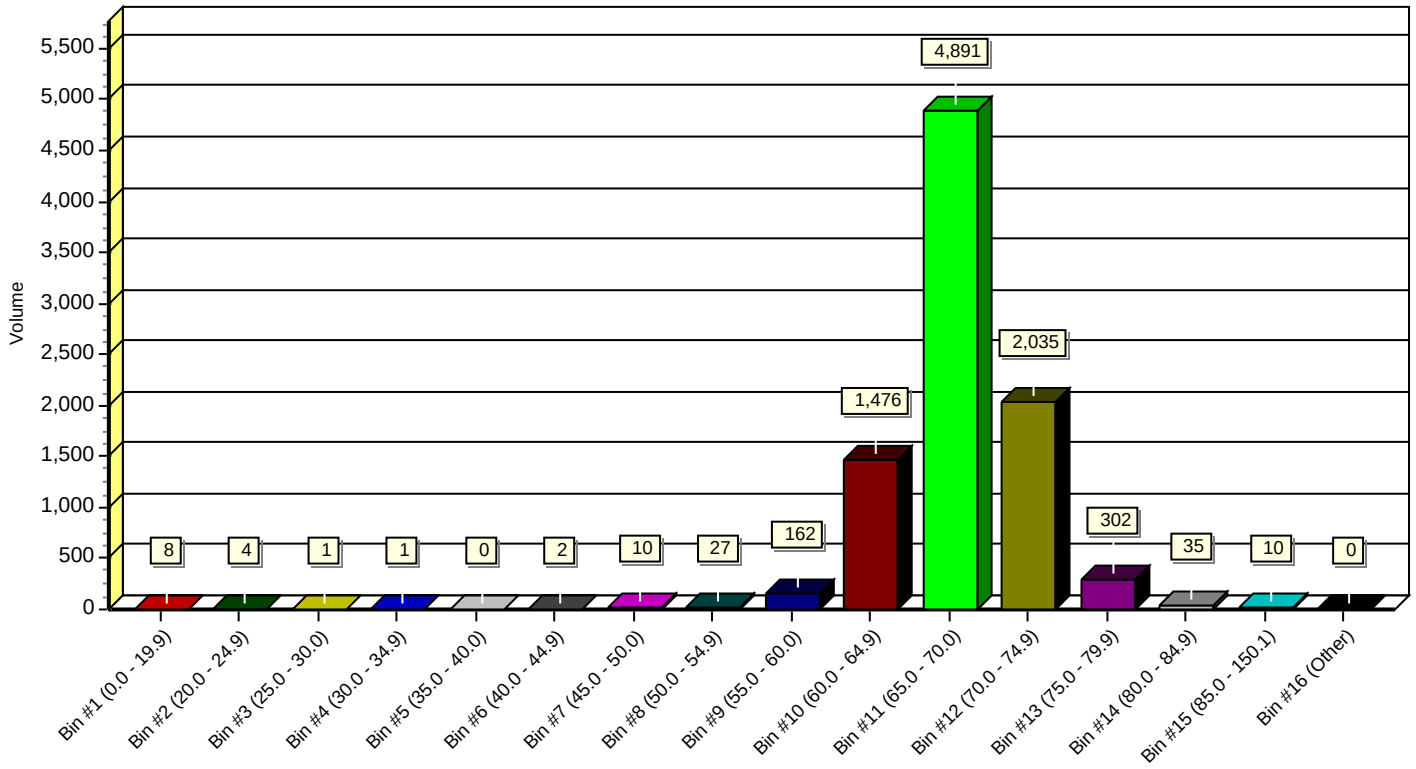
Speeds - Average: 69.3 50% : 69.0 67% : 71.2 85% : 73.6 10mph Pace: 65.0 - 74.9 (87.0%)

Basic Speed Class Summary: 4P0041456

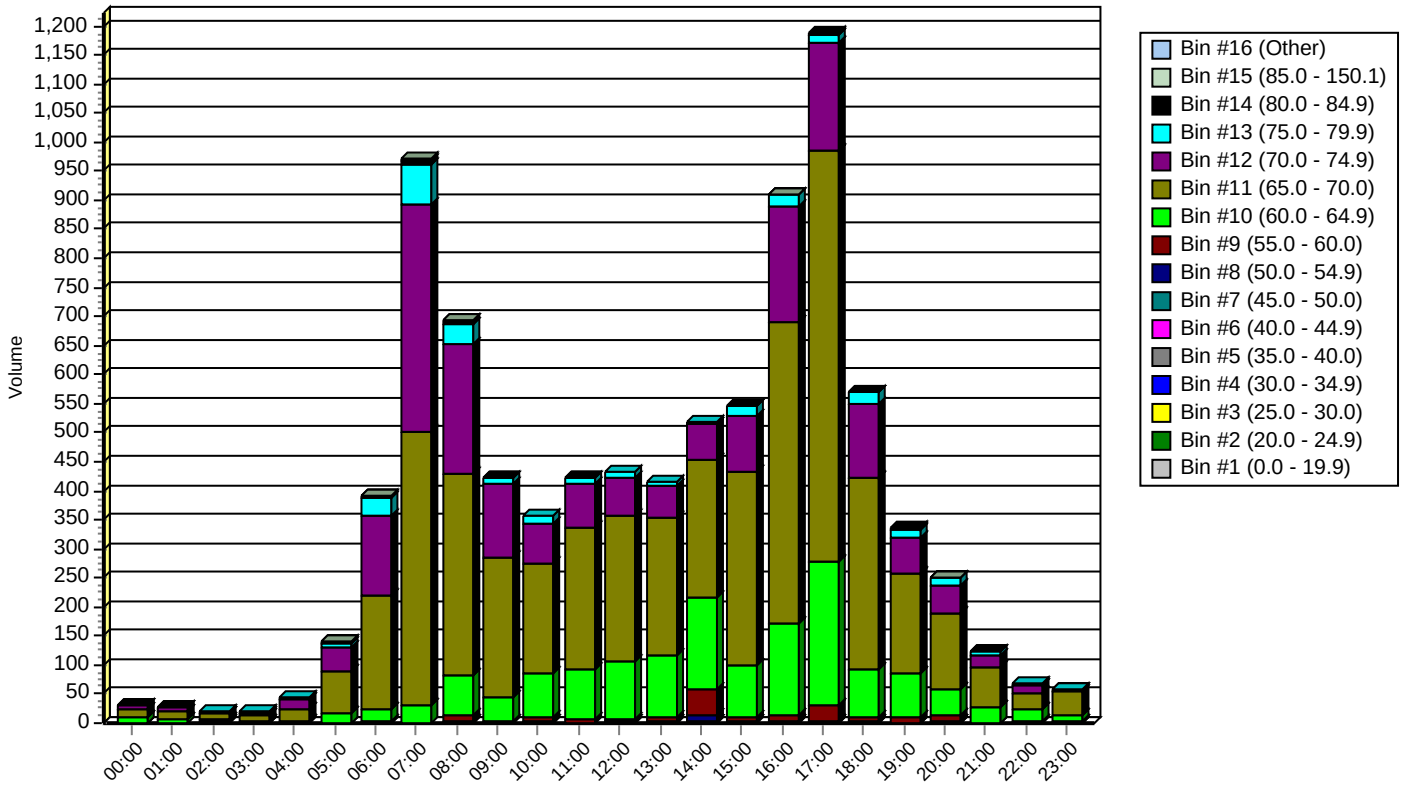
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	8	4	1	1	0	2	10	27	162	1476	4891	2035	302	35	10	0	8964
		8	4	1	1	0	2	10	27	162	1476	4891	2035	302	35	10	0	8964
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	2%	16%	55%	23%	3%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	2%	16%	55%	23%	3%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	1	6	19	8	1	0	0	0	35
		0	0	0	0	0	0	0	0	1	6	19	8	1	0	0	0	35
Days & ADT :	#1.	2.7	3297															
		2.7	3297															
Avg,50,67,85%:	#1.	67.9	67.9	69.5	72.6	65.0	- 74.9	77%										
		67.9	67.9	69.5	72.6	65.0	- 74.9	77%										

4P0041456 Speed Class Charts For Data From: 15:45 - 04/11/2011 To: 09:14 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0000656

Station ID : 2D0000656
Info Line 1 : 90994520
Info Line 2 : I90 LOCKWD INTC
GPS Lat/Lon :
DB File : 2D0000656.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 93956
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 14:45 - 04/11/2011 To: 06:29 - 04/15/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	14:45	0	39	25	0	1	4	0	0	8	1	0	0	4	0	82
Mon	15:00	1	54	25	0	1	2	0	3	8	0	0	0	0	0	94
	15:15	2	54	24	0	3	3	0	0	5	1	0	0	0	0	92
	15:30	0	44	33	0	0	1	0	0	8	1	0	0	1	0	88
	15:45	1	47	22	1	3	1	0	0	3	3	0	0	2	0	83
	16:00	1	62	24	1	1	3	0	0	8	2	0	0	6	0	108
	16:15	0	62	26	0	2	1	0	0	7	0	0	0	0	0	98
	16:30	0	54	29	0	0	0	0	0	6	0	0	0	1	1	91
	16:45	1	55	34	1	3	1	0	0	4	0	0	0	2	0	101
	17:00	0	51	36	0	0	0	0	1	7	1	0	0	0	0	96
	17:15	1	57	37	0	1	1	0	0	4	2	0	0	0	1	104
	17:30	2	69	30	0	0	0	0	0	3	0	0	0	1	0	105
	17:45	0	55	30	1	0	1	0	1	5	1	0	0	2	0	96
	18:00	2	56	20	0	0	3	0	2	15	0	0	0	0	0	98
	18:15	0	28	22	1	0	0	0	0	8	0	0	0	1	1	61
	18:30	1	40	23	0	0	0	0	0	7	1	0	0	2	0	74
	18:45	0	37	17	0	2	0	0	1	7	0	0	0	2	1	67
	19:00	0	36	14	1	0	1	0	0	5	1	0	0	1	0	59
	19:15	0	33	18	0	0	0	0	0	7	1	0	0	2	0	61
	19:30	0	32	16	0	0	0	0	0	11	0	0	0	3	0	62
	19:45	0	33	16	0	0	1	0	0	5	2	0	0	3	0	60
	20:00	0	26	14	0	0	0	0	0	5	0	0	0	4	0	49
	20:15	0	36	14	0	1	0	0	0	2	0	0	0	4	0	57
	20:30	0	26	18	0	0	0	0	0	4	0	0	0	0	0	48
	20:45	0	25	9	0	0	0	0	0	9	1	0	0	0	0	44
	21:00	0	27	11	0	0	1	0	1	4	0	0	0	1	0	45
	21:15	0	22	13	0	0	0	0	0	4	0	0	0	1	0	40
	21:30	0	28	6	1	0	0	0	0	7	0	0	0	0	0	42
	21:45	0	18	7	0	1	0	0	0	3	0	1	0	1	0	31
	22:00	0	16	7	0	0	0	0	1	3	1	0	0	0	0	28
	22:15	0	23	10	0	0	1	0	0	5	0	0	1	3	0	43
	22:30	0	17	8	0	0	1	0	0	2	1	0	1	3	0	33
	22:45	0	11	0	1	1	0	0	0	1	1	0	0	0	0	15
	23:00	0	10	8	0	0	0	0	0	2	0	1	0	1	0	22

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	23:15	0	10	1	1	0	0	0	0	3	0	0	0	0	0	15
Mon	23:30	0	13	9	0	0	0	0	0	4	0	0	1	0	0	27
	23:45	1	5	3	0	0	0	0	0	3	0	0	0	0	0	12
Daily Total :		13	1311	659	9	20	26	0	10	202	21	2	3	51	4	2331
	Percent :	1%	56%	28%	0%	1%	1%	0%	0%	9%	1%	0%	0%	2%	0%	
	Average :	0	35	18	0	1	1	0	0	5	1	0	0	1	0	62

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	1	4	4	1	0	0	0	0	1	0	0	0	0	0	11
Tue	00:15	0	3	1	0	1	0	0	2	2	0	0	0	0	0	9
	00:30	0	5	4	0	0	0	0	1	3	0	0	0	0	1	14
	00:45	0	5	2	0	0	0	0	1	4	0	0	0	1	1	14
	01:00	0	4	1	0	0	0	0	1	5	0	1	0	1	0	13
	01:15	0	0	2	0	0	0	0	0	1	0	0	0	0	0	3
	01:30	0	2	1	0	0	0	0	0	3	0	0	0	0	0	6
	01:45	0	2	0	0	0	0	0	0	1	0	0	0	1	0	4
	02:00	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	02:15	0	2	1	0	1	0	0	0	8	0	0	0	0	0	12
	02:30	0	1	4	0	0	0	0	0	1	0	0	0	1	0	7
	02:45	0	2	1	0	0	0	0	0	2	0	0	0	0	0	5
	03:00	0	2	1	0	0	0	0	0	3	0	0	1	0	0	7
	03:15	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	03:30	0	4	2	0	0	0	0	0	0	0	0	1	1	0	8
	03:45	0	5	3	0	0	0	0	0	0	0	0	1	1	0	10
	04:00	0	7	6	0	0	0	0	0	2	0	0	1	1	0	17
	04:15	0	7	2	1	0	0	0	0	5	0	0	0	1	0	16
	04:30	0	6	10	0	0	0	0	0	5	0	0	0	2	0	23
	04:45	0	8	1	0	0	0	0	1	4	0	0	0	0	0	14
	05:00	0	6	4	0	0	0	0	2	2	1	0	0	0	0	15
	05:15	0	4	8	0	0	0	0	1	4	0	0	0	2	0	19
	05:30	0	8	6	0	1	1	0	1	7	0	0	0	0	0	24
	05:45	0	6	14	1	2	0	0	0	3	0	0	0	1	0	27
	06:00	0	7	13	0	0	0	0	1	11	0	0	0	0	0	32
	06:15	0	14	21	3	0	0	0	0	4	0	0	1	0	0	43
	06:30	0	20	19	2	1	1	0	1	5	1	0	0	1	0	51
	06:45	1	26	13	3	1	0	0	1	7	0	0	0	0	0	52
	07:00	0	29	16	3	2	1	0	0	7	1	0	1	2	0	62
	07:15	0	24	19	0	1	1	0	0	8	3	0	0	2	2	60
	07:30	0	27	18	0	0	2	0	2	7	1	0	0	2	0	59
	07:45	0	27	20	0	1	2	0	2	11	4	0	0	1	0	68
	08:00	0	33	13	1	1	4	0	0	4	1	0	0	1	0	58
	08:15	0	22	15	0	3	0	0	1	10	1	0	0	1	0	53
	08:30	1	26	13	0	0	1	2	0	9	5	0	0	4	1	62
	08:45	0	8	7	0	1	0	0	3	3	0	0	0	1	1	24
	09:00	0	19	23	1	2	1	0	0	11	1	0	0	3	0	61
	09:15	0	21	17	0	3	1	0	0	9	0	0	0	1	0	52
	09:30	0	22	14	0	1	2	0	0	12	1	0	0	1	0	53
	09:45	0	28	25	0	2	1	0	2	14	1	0	0	3	0	76
	10:00	0	20	27	0	1	0	1	1	14	0	0	0	1	0	65
	10:15	0	27	30	0	4	1	0	0	8	0	0	0	0	0	70
	10:30	0	29	20	1	1	2	0	0	11	2	0	0	0	0	66
	10:45	0	30	20	1	0	1	0	1	6	1	0	0	1	0	61
	11:00	0	29	16	0	0	0	0	0	10	0	0	0	3	1	59
	11:15	0	20	24	0	0	2	1	2	13	0	0	1	1	1	65
	11:30	2	24	15	0	0	1	0	1	11	4	0	0	2	0	60
	11:45	0	23	18	1	0	2	0	1	13	5	0	0	3	0	66
	12:00	0	30	20	0	1	1	0	3	11	1	0	0	2	1	70
	12:15	0	28	23	0	0	1	0	0	7	2	0	0	1	1	63

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	30	33	0	0	2	0	0	12	2	0	0	1	1	81
Tue	12:45	0	30	27	0	1	1	0	0	16	1	0	0	2	1	79
	13:00	0	36	24	0	0	0	0	2	18	0	0	0	2	0	82
	13:15	0	36	18	2	2	1	0	2	20	3	0	0	2	1	87
	13:30	0	34	14	0	1	0	0	1	11	0	0	0	1	1	63
	13:45	0	31	17	1	0	2	0	3	12	2	0	0	2	0	70
	14:00	0	23	26	0	0	0	0	0	14	2	0	0	0	1	66
	14:15	0	34	25	1	1	2	0	2	11	1	0	1	1	0	79
	14:30	1	37	21	0	1	1	0	0	20	2	0	0	0	0	83
	14:45	1	28	24	0	2	1	0	2	17	0	0	0	0	1	76
	15:00	0	37	22	1	0	0	0	1	13	1	0	0	1	0	76
	15:15	0	37	17	0	0	1	0	2	7	1	0	1	4	0	70
	15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:30	0	36	14	1	1	0	0	1	13	2	0	0	6	0	74
	18:45	0	38	24	0	0	1	0	0	8	1	0	0	1	0	73
	19:00	0	42	19	1	0	0	0	1	6	0	0	0	4	0	73
	19:15	0	37	15	0	0	0	0	0	14	1	0	0	3	0	70
	19:30	0	35	19	1	0	1	0	1	4	1	0	0	1	0	63
	19:45	0	33	11	1	0	1	0	0	16	1	0	0	0	0	63
	20:00	0	23	17	1	2	1	0	3	10	2	1	0	1	0	61
	20:15	0	42	19	0	1	0	0	0	11	0	0	1	2	0	76
	20:30	1	25	12	0	1	1	0	0	10	0	0	0	1	0	51
	20:45	0	32	18	0	1	0	0	0	5	0	0	0	0	0	56
	21:00	0	28	5	0	1	0	0	0	11	0	0	0	0	0	45
	21:15	0	26	10	0	2	0	0	0	3	0	0	1	0	0	42
	21:30	0	21	5	0	0	0	0	0	8	0	0	0	2	0	36
	21:45	0	13	13	1	0	0	0	0	4	0	0	0	2	0	33
	22:00	0	10	12	0	0	0	0	0	7	1	0	0	0	1	31
	22:15	0	20	5	0	0	0	0	0	8	0	0	0	1	1	35
	22:30	0	20	5	0	1	1	0	0	6	0	0	0	1	0	34
	22:45	0	15	5	0	0	0	0	0	2	0	1	0	1	0	24
	23:00	0	9	5	1	0	1	0	0	3	0	0	0	1	0	20
	23:15	0	7	2	0	0	0	0	0	3	0	0	0	0	0	12
	23:30	0	6	4	0	1	1	0	0	3	0	0	0	1	0	16
	23:45	0	7	1	0	0	0	0	0	6	0	0	1	0	0	15
Daily Total :		8	1628	1067	31	50	48	4	53	636	61	3	12	94	19	3714
Percent :		0%	44%	29%	1%	1%	1%	0%	1%	17%	2%	0%	0%	3%	1%	
Average :		0	17	11	0	1	1	0	1	7	1	0	0	1	0	40

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	8	0	1	0	0	0	0	3	2	0	0	1	0	15
Wed	00:15	0	6	3	0	0	0	0	0	3	0	0	0	0	0	12
	00:30	0	7	2	0	0	0	0	0	5	0	0	1	0	0	15
	00:45	0	7	1	0	0	0	0	0	3	0	1	0	1	0	13
	01:00	0	4	0	0	0	0	0	0	5	0	0	1	0	0	10
	01:15	0	2	0	0	0	0	0	0	4	0	0	0	0	0	6
	01:30	0	2	1	0	0	0	0	1	3	0	0	0	0	0	7
	01:45	0	2	1	0	0	1	0	1	2	0	0	0	1	0	8
	02:00	0	7	2	0	0	0	0	0	1	0	0	0	0	0	10
	02:15	0	5	2	0	0	0	0	0	5	0	0	0	1	0	13
	02:30	0	3	1	0	0	0	0	1	3	0	0	0	0	0	8
	02:45	0	1	2	0	1	0	0	0	2	0	0	0	0	0	6
	03:00	0	1	0	0	0	1	0	1	4	1	0	2	1	0	11
	03:15	0	3	2	0	0	0	0	0	3	0	0	0	0	0	8
	03:30	0	3	2	0	0	0	0	0	5	0	0	1	0	0	11
	03:45	0	4	4	0	0	0	0	0	6	1	0	1	1	0	17
	04:00	0	2	3	0	0	0	0	1	3	0	0	1	0	0	10
	04:15	0	3	4	0	0	1	0	0	5	0	0	0	1	0	14
	04:30	0	7	9	0	1	0	0	2	4	0	0	0	0	0	23
	04:45	0	6	7	0	0	0	0	0	3	0	0	0	1	0	17
	05:00	1	5	5	0	0	0	0	2	2	0	0	0	0	0	15
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	10	11	5	0	0	0	1	2	1	0	1	0	0	31
	06:30	0	14	14	2	1	1	0	0	11	0	0	0	0	0	43
	06:45	0	20	20	4	2	1	1	0	7	0	0	1	1	0	57
	07:00	0	32	13	3	1	1	0	1	5	2	0	0	0	1	59
	07:15	0	31	18	0	2	1	0	4	8	0	0	0	3	0	67
	07:30	0	24	26	1	4	1	0	1	12	0	0	0	2	1	72
	07:45	0	27	17	1	0	0	0	1	9	2	0	0	1	0	58
	08:00	1	30	28	0	0	1	0	1	11	0	0	0	0	1	73
	08:15	0	20	23	1	2	0	0	1	14	0	0	0	4	1	66
	08:30	0	26	23	0	0	1	0	1	9	0	0	0	0	0	60
	08:45	1	22	23	0	0	3	0	0	8	1	0	0	2	1	61
	09:00	0	27	19	1	3	1	0	2	14	3	0	0	0	0	70
	09:15	0	22	19	1	0	2	0	1	12	1	0	0	3	0	61
	09:30	0	30	21	0	0	2	0	1	17	2	0	0	1	0	74
	09:45	0	17	29	1	0	0	0	1	16	4	0	0	1	1	70
	10:00	0	5	8	0	0	0	0	0	6	0	0	0	0	0	19
	10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	0	14	8	0	0	1	0	0	2	0	0	0	0	0	25
	14:00	0	36	20	2	1	1	1	0	11	1	0	0	2	2	77
	14:15	0	34	24	1	1	1	0	1	20	3	0	1	1	0	87
	14:30	1	40	24	1	1	1	0	0	17	0	0	0	5	1	91
	14:45	1	36	29	0	1	0	0	1	12	3	0	0	2	0	85
	15:00	0	35	21	0	1	0	0	1	12	1	0	0	3	0	74
	15:15	0	43	32	1	2	0	0	1	20	3	0	0	1	0	103
	15:30	1	54	21	0	1	0	0	0	8	1	0	0	3	0	89
	15:45	0	56	23	0	0	1	0	1	15	1	0	1	4	0	102
	16:00	1	47	33	1	2	0	0	2	14	4	0	0	4	1	109
	16:15	0	46	28	1	0	0	0	0	8	0	0	0	3	0	86
	16:30	1	41	30	0	0	1	0	2	17	2	0	0	3	0	97
	16:45	0	61	36	0	0	1	0	1	15	0	0	0	0	0	114
	17:00	0	58	40	1	2	0	0	0	16	1	0	0	3	0	121
	17:15	0	70	28	1	0	0	0	0	14	1	0	0	1	0	115
	17:30	0	54	39	0	1	0	0	0	15	1	0	0	0	0	110
	17:45	0	51	33	0	2	0	0	2	18	2	0	0	2	0	110
	18:00	0	44	29	0	3	0	0	0	14	0	0	0	0	0	90
	18:15	1	49	20	0	1	0	0	0	7	0	0	0	1	0	79
	18:30	0	39	22	0	0	0	0	0	8	0	0	0	1	0	70
	18:45	0	37	15	0	0	0	0	1	7	2	0	0	2	1	65
	19:00	1	34	11	0	0	1	0	0	10	0	0	0	1	0	58
	19:15	0	33	20	1	0	0	0	0	14	1	0	0	1	0	70
	19:30	0	31	13	1	0	0	0	0	6	1	0	0	1	0	53
	19:45	0	27	16	0	0	0	0	0	7	2	0	0	2	0	54
	20:00	0	27	12	0	0	0	0	0	9	0	2	0	2	0	52
	20:15	0	33	19	0	0	1	0	0	9	0	1	0	1	0	64
	20:30	0	31	15	0	1	0	0	1	7	0	0	0	2	0	57
	20:45	0	29	10	0	0	0	0	0	4	0	1	1	0	0	45
	21:00	0	26	10	0	0	0	0	0	7	0	0	0	1	0	44
	21:15	0	27	15	0	0	0	0	0	8	1	0	0	1	0	52
	21:30	0	23	6	0	1	1	0	0	3	0	0	0	2	0	36
	21:45	0	22	3	0	0	1	0	0	15	0	0	0	0	0	41
	22:00	0	15	11	0	0	0	0	0	7	1	1	0	3	0	38
	22:15	0	15	6	0	0	0	0	0	7	1	0	0	1	0	30
	22:30	0	10	11	0	0	0	0	0	4	0	0	2	1	0	28
	22:45	0	11	5	0	0	0	0	0	6	0	0	0	0	0	22
	23:00	1	10	5	0	0	0	0	0	2	0	0	0	0	0	18
	23:15	0	6	1	1	0	0	0	0	5	0	0	0	0	0	13
	23:30	0	6	5	0	0	0	0	0	2	0	0	1	1	0	15
	23:45	0	8	3	0	0	0	0	0	5	0	0	0	0	0	16
Daily Total :		11	1814	1115	33	38	29	2	39	642	53	6	15	87	11	3895
Percent :		0%	47%	29%	1%	1%	1%	0%	1%	16%	1%	0%	0%	2%	0%	
Average :		0	19	12	0	0	0	0	0	7	1	0	0	1	0	40

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	4	2	1	0	0	0	0	3	0	0	0	0	0	10
Thu	00:15	0	6	5	1	0	0	0	0	5	0	0	0	0	0	17
	00:30	0	4	4	0	0	0	0	0	4	1	0	0	0	0	13
	00:45	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	01:00	0	1	0	0	0	0	0	0	3	0	1	0	0	0	5
	01:15	0	0	1	0	0	0	0	0	2	0	0	1	0	0	4
	01:30	0	1	1	0	0	0	0	0	4	0	0	0	0	0	6
	01:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	02:00	0	3	4	0	0	0	0	0	0	0	0	0	1	0	8
	02:15	0	4	1	0	0	0	0	0	3	0	0	0	0	0	8
	02:30	0	3	1	0	0	0	0	0	1	0	0	0	1	0	6
	02:45	0	1	3	0	0	0	0	0	4	0	0	0	0	0	8
	03:00	0	4	1	0	0	0	0	0	4	0	0	1	1	0	11
	03:15	0	0	1	0	0	0	0	0	3	0	0	1	0	0	5
	03:30	0	6	1	0	0	0	0	0	3	0	0	1	0	0	11
	03:45	0	4	5	0	0	0	0	0	0	0	0	0	0	0	9
	04:00	0	4	0	0	0	0	0	0	5	0	0	0	0	0	9
	04:15	0	1	5	0	0	0	0	0	6	0	0	1	0	0	13
	04:30	0	8	8	0	0	0	0	0	2	0	0	0	1	0	19
	04:45	0	7	4	1	0	0	0	0	1	0	0	0	1	0	14
	05:00	0	5	6	0	0	1	0	1	7	1	0	0	0	1	22
	05:15	0	4	4	0	0	2	0	0	8	1	0	0	2	0	21
	05:30	0	4	6	0	0	0	0	0	5	0	0	0	2	0	17
	05:45	0	11	15	1	0	0	1	0	7	0	0	0	0	0	35
	06:00	0	6	16	0	0	1	0	1	5	0	0	0	1	0	30
	06:15	0	12	6	3	0	0	0	0	9	0	0	0	0	0	30
	06:30	0	14	26	2	3	0	0	0	6	0	0	0	0	0	51
	06:45	0	22	17	4	1	0	0	0	5	0	0	0	0	0	49
	07:00	0	28	12	3	2	0	0	0	7	0	0	0	2	0	54
	07:15	0	22	19	0	2	2	0	1	5	2	0	1	2	0	56
	07:30	1	36	15	1	1	1	0	0	7	1	0	0	3	0	66
	07:45	0	21	27	0	1	1	0	0	11	0	0	0	1	0	62
	08:00	0	21	15	0	3	1	0	1	14	1	0	0	2	0	58
	08:15	0	23	22	0	1	1	0	0	9	3	0	0	2	0	61
	08:30	0	28	21	2	0	1	0	0	9	2	0	0	3	0	66
	08:45	0	22	26	1	1	0	1	0	14	1	0	0	2	0	68
	09:00	0	22	25	0	0	1	0	0	9	1	0	0	4	0	62
	09:15	0	21	25	2	2	1	0	0	13	1	0	0	0	0	65
	09:30	0	21	33	1	0	2	0	2	8	0	0	0	3	0	70
	09:45	0	31	29	1	0	1	1	0	12	2	0	1	3	0	81
	10:00	0	17	23	0	1	0	0	0	10	3	0	0	2	0	56
	10:15	0	24	27	0	1	0	0	0	16	3	0	0	2	0	73
	10:30	0	19	24	0	2	0	0	0	8	0	0	0	3	0	56
	10:45	0	26	20	0	0	0	0	1	15	2	0	0	1	0	65
	11:00	0	25	18	0	2	1	0	0	15	3	0	0	1	0	65
	11:15	0	24	19	0	1	1	0	0	13	1	0	0	0	0	59
	11:30	0	19	25	0	1	1	0	2	10	1	0	0	5	0	64
	11:45	0	25	24	1	1	1	0	1	13	1	0	0	2	0	69
	12:00	0	27	30	1	1	1	0	1	11	1	0	0	2	0	75
	12:15	0	39	26	0	1	1	0	0	15	0	0	0	2	0	84

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	12:30	0	32	21	0	2	1	0	0	14	2	0	0	1	0	73
Thu	12:45	0	32	28	1	0	2	0	0	11	1	0	0	2	0	77
	13:00	0	44	21	2	1	0	0	1	12	0	0	1	5	0	87
	13:15	0	32	17	1	1	0	0	0	10	1	0	0	0	0	62
	13:30	0	29	20	1	1	2	0	0	17	2	0	0	1	0	73
	13:45	0	27	31	0	0	1	0	0	19	3	0	0	2	0	83
	14:00	0	28	27	0	1	2	0	0	22	1	0	0	2	1	84
	14:15	0	29	18	2	0	3	0	0	13	1	0	0	0	1	67
	14:30	0	30	24	0	0	3	0	2	9	0	0	0	2	0	70
	14:45	0	32	27	0	3	1	0	1	17	1	0	1	1	0	84
	15:00	0	38	30	1	0	0	0	2	14	0	0	1	1	0	87
	15:15	1	28	28	2	0	2	0	2	9	4	0	0	1	1	78
	15:30	0	34	26	1	0	2	0	1	15	2	0	0	2	0	83
	15:45	0	49	30	0	3	0	0	0	13	1	0	0	2	0	98
	16:00	0	51	33	1	2	1	0	1	7	2	0	0	2	1	101
	16:15	0	53	40	0	1	2	0	0	7	4	0	0	1	0	108
	16:30	0	48	32	0	0	2	0	1	9	1	0	0	0	0	93
	16:45	0	49	42	0	0	2	0	0	12	2	0	0	0	0	107
	17:00	0	67	48	1	0	0	0	0	5	1	0	0	0	0	122
	17:15	0	61	33	0	0	0	0	0	17	1	0	0	2	1	115
	17:30	0	61	35	0	3	1	0	0	10	1	0	0	1	0	112
	17:45	0	54	23	1	0	0	0	1	14	0	0	0	2	0	95
	18:00	0	43	41	1	0	0	0	0	12	3	0	0	0	0	100
	18:15	0	52	20	0	1	0	0	0	5	1	1	0	1	0	81
	18:30	0	32	26	0	1	1	0	1	12	0	0	0	1	0	74
	18:45	0	48	27	0	0	0	0	0	9	0	1	0	5	0	90
	19:00	0	36	28	0	0	0	0	0	17	0	0	0	2	0	83
	19:15	0	20	18	0	0	0	0	0	4	1	0	0	2	0	45
	19:30	0	38	22	0	0	0	0	0	9	1	0	0	3	0	73
	19:45	0	38	25	0	0	0	0	0	6	0	0	1	0	0	70
	20:00	0	38	26	1	0	1	0	0	10	1	1	0	2	0	80
	20:15	0	37	31	0	1	1	0	0	4	0	0	0	0	0	74
	20:30	0	30	20	0	0	0	0	0	8	0	0	1	1	0	60
	20:45	0	36	19	0	0	0	0	0	8	1	0	0	1	0	65
	21:00	0	30	19	1	0	1	0	0	4	2	1	0	0	0	58
	21:15	0	26	14	0	0	0	0	0	3	0	1	0	1	0	45
	21:30	0	25	16	0	0	0	0	0	5	0	0	0	4	0	50
	21:45	0	18	10	0	0	0	0	0	6	0	0	0	0	0	34
	22:00	0	16	10	0	0	0	0	1	3	2	0	0	3	0	35
	22:15	0	19	8	0	0	0	0	0	6	0	0	0	4	0	37
	22:30	0	18	7	0	1	0	0	0	3	0	0	0	3	0	32
	22:45	0	8	7	0	1	0	0	0	2	0	0	0	1	0	19
	23:00	1	15	5	0	0	0	0	0	1	0	0	1	1	0	24
	23:15	0	9	6	0	0	0	0	1	4	0	0	0	0	0	20
	23:30	0	9	3	0	0	0	0	0	3	1	0	0	1	0	17
	23:45	0	3	7	1	0	0	0	0	5	1	0	0	0	0	17
Daily Total :		3	2237	1698	44	51	53	3	26	776	77	6	13	123	6	5116
Percent :		0%	44%	33%	1%	1%	1%	0%	1%	15%	2%	0%	0%	2%	0%	
Average :		0	23	18	0	1	1	0	0	8	1	0	0	1	0	53

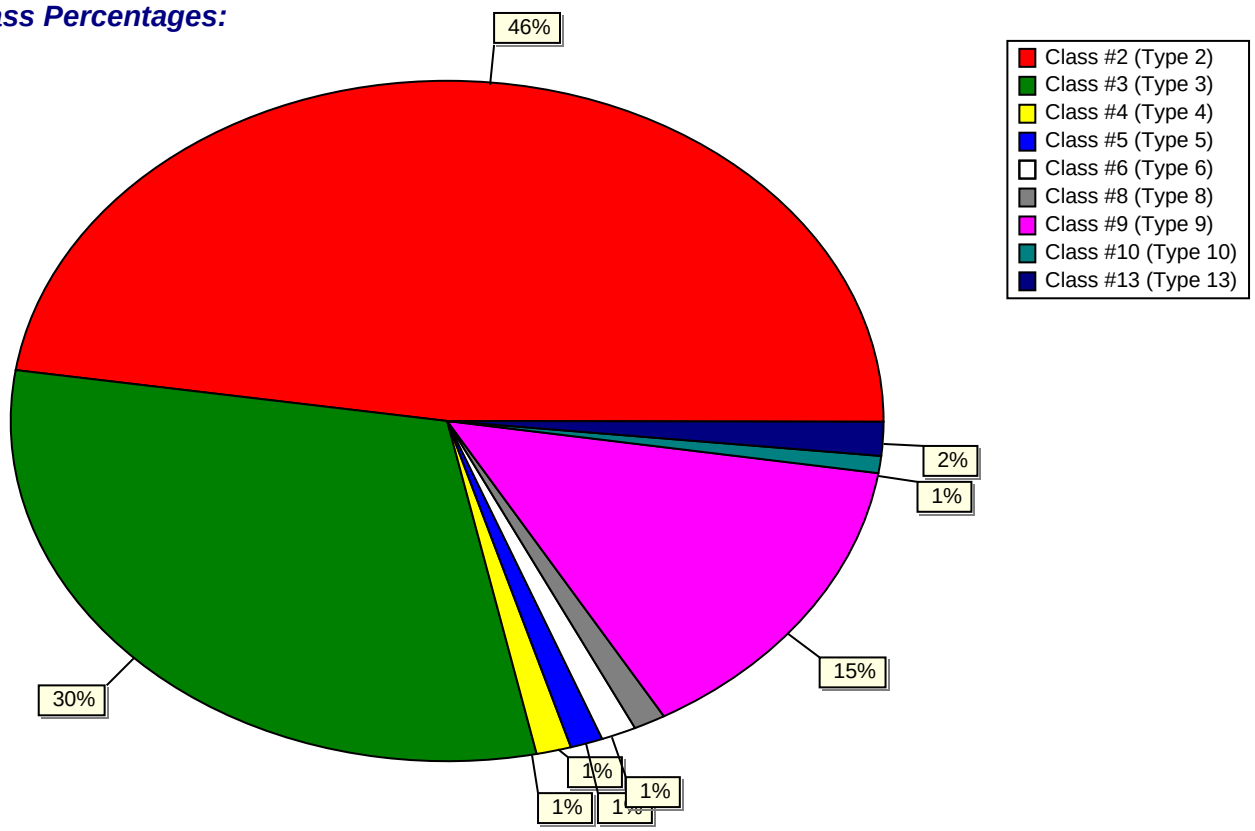
Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/15/11	00:00	0	7	9	1	0	0	0	0	7	0	0	0	1	0	25
Fri	00:15	0	6	4	0	0	0	0	0	2	0	0	0	0	0	12
	00:30	0	5	2	0	0	0	0	0	8	0	0	0	1	0	16
	00:45	0	4	1	0	0	0	0	0	7	1	1	0	0	0	14
	01:00	0	2	2	0	0	0	0	0	5	0	0	1	0	0	10
	01:15	0	2	4	0	0	0	0	0	1	0	0	1	0	0	8
	01:30	0	5	5	0	0	0	0	0	3	1	0	0	0	0	14
	01:45	0	3	1	0	0	0	0	0	5	0	0	0	1	0	10
	02:00	0	3	2	1	0	0	0	0	0	0	0	1	0	0	7
	02:15	0	9	2	0	0	0	0	0	2	0	0	0	0	0	13
	02:30	0	3	0	0	0	0	0	0	4	0	0	0	0	0	7
	02:45	0	1	1	0	0	0	0	0	3	0	0	2	2	0	9
	03:00	0	4	3	0	0	0	0	0	3	0	0	0	1	0	11
	03:15	0	1	2	0	0	0	0	0	3	0	0	1	0	0	7
	03:30	0	3	2	0	0	0	0	0	2	0	0	1	0	0	8
	03:45	0	5	7	0	0	0	0	0	3	0	0	0	1	1	17
	04:00	0	5	2	0	0	0	0	0	1	0	0	0	1	0	9
	04:15	0	3	6	0	0	0	0	0	2	0	0	1	0	0	12
	04:30	0	8	10	1	0	0	0	0	4	0	0	0	2	0	25
	04:45	0	5	4	0	1	0	0	0	2	0	0	0	0	0	12
	05:00	0	5	2	0	0	3	0	0	3	1	0	0	0	0	14
	05:15	0	3	5	0	0	0	0	0	1	1	0	0	1	0	11
	05:30	0	4	1	0	1	0	0	0	6	0	0	0	3	1	16
	05:45	0	7	8	2	0	0	0	1	4	0	1	0	2	0	25
	06:00	0	12	17	0	0	0	0	0	8	0	1	1	0	0	39
Daily Total :		0	115	102	5	2	3	0	1	89	4	3	9	16	2	351
Percent :		0%	33%	29%	1%	1%	1%	0%	0%	25%	1%	1%	3%	5%	1%	
Average :		0	5	4	0	0	0	0	0	4	0	0	0	1	0	14

Basic Axle Class Summary: 2D0000656

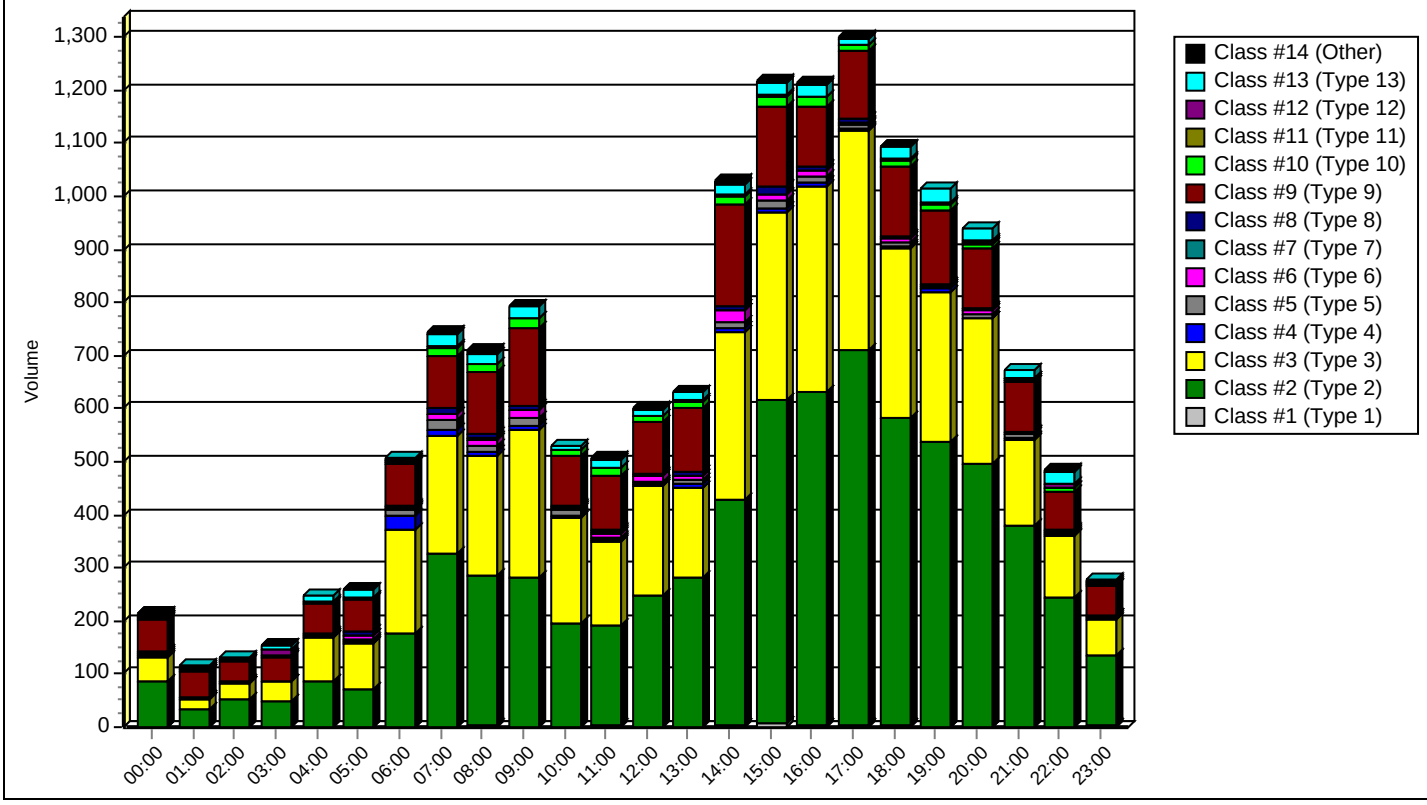
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	35	7105	4641	122	161	159	9	129	2345	216	20	52	371	42	15407
		35	7105	4641	122	161	159	9	129	2345	216	20	52	371	42	15407
Percents :	#1.	0%	46%	30%	1%	1%	1%	0%	1%	15%	1%	0%	0%	2%	0%	100%
		0%	46%	30%	1%	1%	1%	0%	1%	15%	1%	0%	0%	2%	0%	
Average :	#1.	0	20	13	0	0	0	0	0	7	1	0	0	1	0	42
		0	20	13	0	0	0	0	0	7	1	0	0	1	0	42
Days & ADT :	#1.	3.6	4225													
		3.6	4225													

2D0000656 Axle Class Charts For Data From: 14:45 - 04/11/2011 To: 06:29 - 04/15/2011

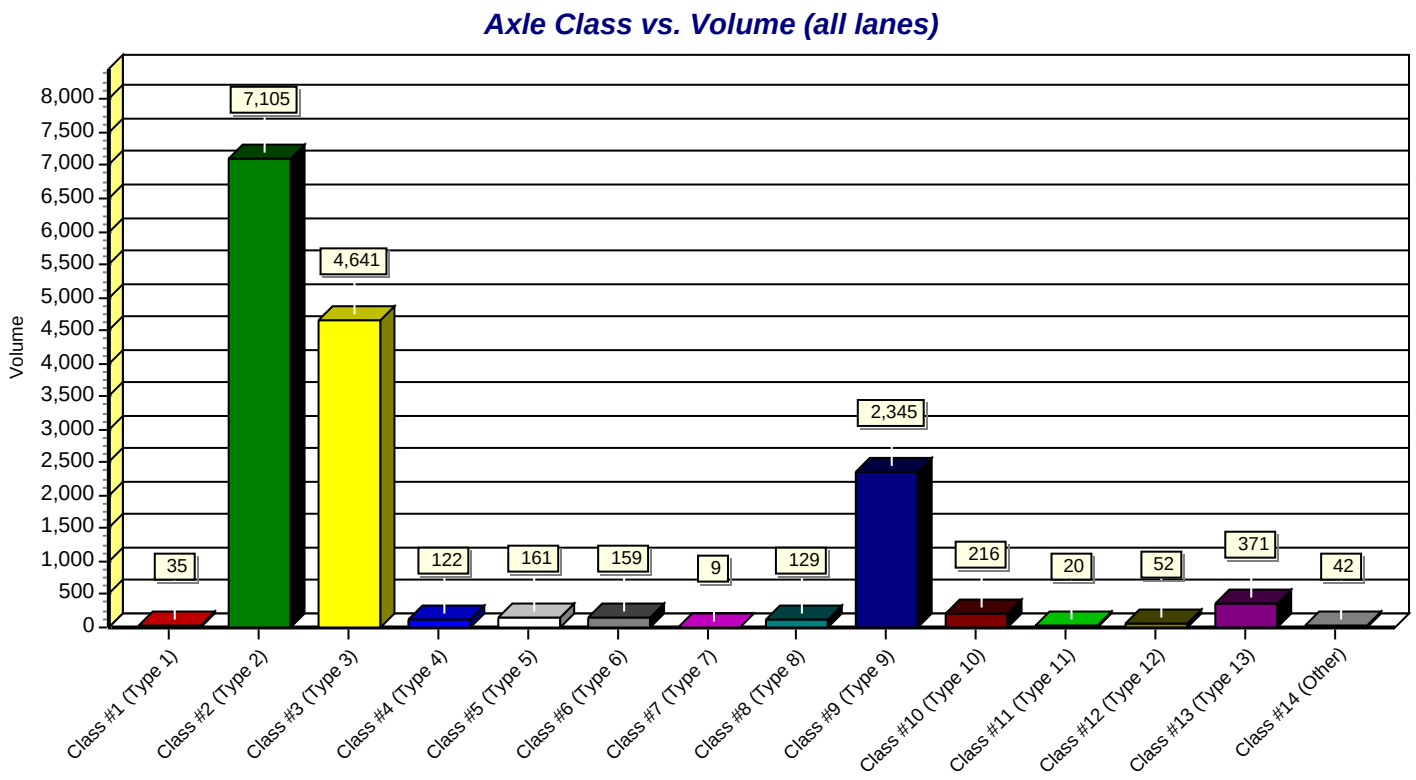
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0000656 Axle Class Charts For Data From: 14:45 - 04/11/2011 To: 06:29 - 04/15/2011



Basic Speed Classification Report: 2D0000656

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 14:45 - 04/11/2011 To: 06:29 - 04/15/2011

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
04/11/11	14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	82
Mon	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94	94
	15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92	92
	15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	88
	15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	83
	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	108
	16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98	98
	16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91	91
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	101
	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	96
	17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	104	104
	17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	105	105
	17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	96
	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98	98
	18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61
	18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	74
	18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	67
	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59
	19:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61
	19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62
	19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49
	20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	42
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
Daily Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2331	2331
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	
	Average :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	42

Speeds - Average: 0.0 50% : 0.0 67% : 0.0 85% : 0.0 10mph Pace: 176.4 -186.3 (0.0%)

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59
	07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	68
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58
	08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53
	08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62
	08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61
	09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52
	09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53
	09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	76
	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	65
	10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66
	10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61
	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59
	11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	65
	11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60
	11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66
	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	81
Tue	12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	79
	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	82
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	87
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63
	13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66
	14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	79
	14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	83
	14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	76
	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	76
	15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	74
	18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73
	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73
	19:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63
	19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61
	20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	76
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	42
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
Daily Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3714	3714
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	
	Average :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	63

Speeds - Average: 0.0 50% : 0.0 67% : 0.0 85% : 0.0 10mph Pace: 176.4 -186.3 (0.0%)

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	67
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	72
	07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73
	08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66
	08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60
	08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61
	09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	74
	09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19
	10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25
	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	77
	14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	87
	14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91	91
	14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	85
	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	74
	15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	103
	15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	89
	15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	102
	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	109	109
	16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	86
	16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	97	97
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	114
	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	121	121
	17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	115	115
	17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	110
	17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	110
	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	90
	18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	79
	18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	65
	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58
	19:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53
	19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52
	20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	64
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
Daily Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3895	3895
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	
	Average :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	39

Speeds - Average: 0.0 50% : 0.0 67% : 0.0 85% : 0.0 10mph Pace: 176.4 -186.3 (0.0%)

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66
	07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62
	08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58
	08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61
	08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66
	08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	68
	09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62
	09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	65
	09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	81
	10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56
	10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73
	10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56
	10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	65
	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	65
	11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59
	11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	64
	11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	69
	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	75
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	84

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
04/14/11	12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73
Thu	12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	77
	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	87
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73
	13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	83
	14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	84
	14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	67
	14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	84
	15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	87
	15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	78
	15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	83
	15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98	98
	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	101
	16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	108
	16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	107	107
	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	122	122
	17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	115	115
	17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112	112
	17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	95
	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100
	18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	81
	18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	74
	18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	90
	19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	83
	19:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45
	19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73
	19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	80
	20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	74
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	65
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45
	21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50
	21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
Daily Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5116	5116
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	
	Average :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	41

Speeds - Average: 0.0 50% : 0.0 67% : 0.0 85% : 0.0 10mph Pace: 176.4 -186.3 (0.0%)

(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
04/15/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25
Fri	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	39
Daily Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	351	351
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	
Average :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	53

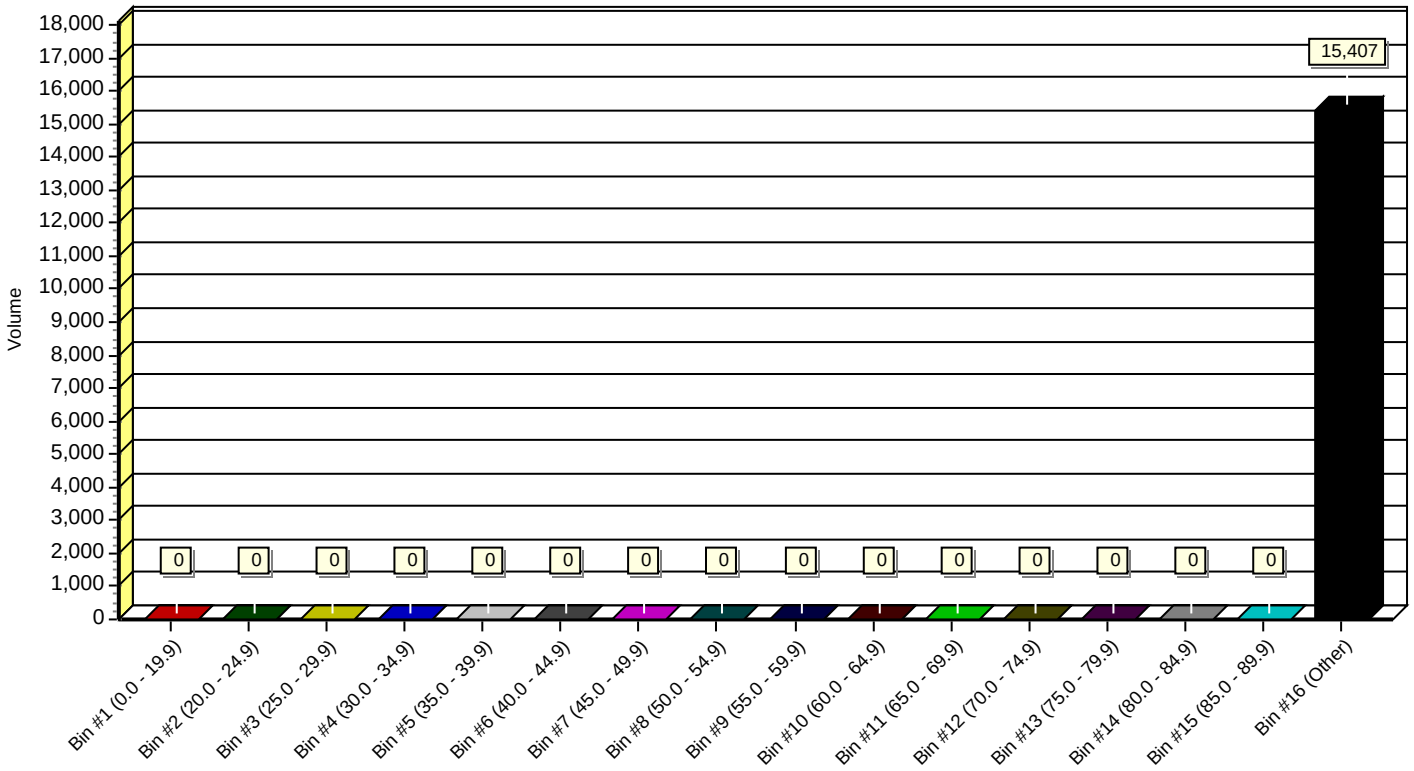
Speeds - Average: 0.0 50% : 0.0 67% : 0.0 85% : 0.0 10mph Pace: 176.4 -186.3 (0.0%)

Basic Speed Class Summary: 2D0000656

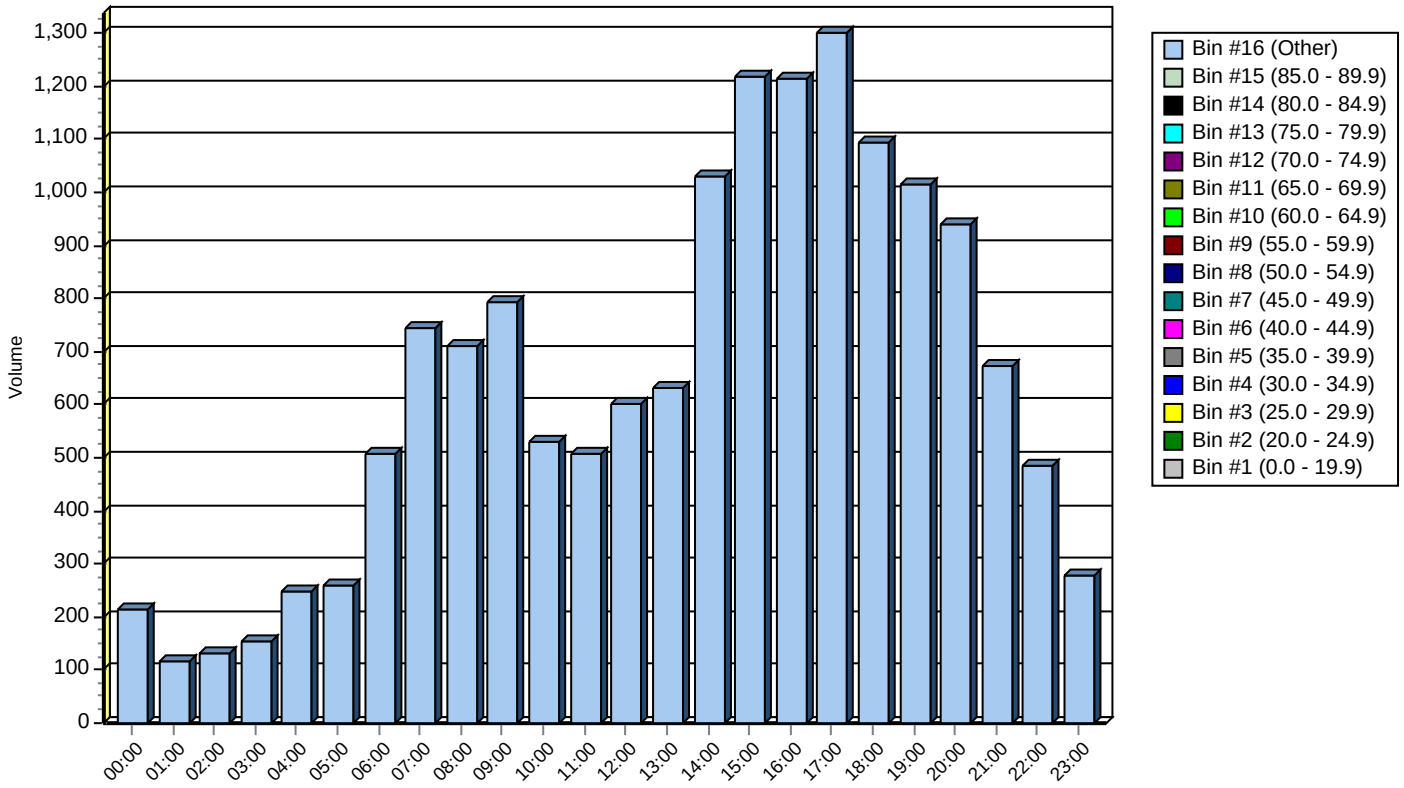
(DEFAULTX)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Description	Lane	0.0 - 19.9	20.0 - 24.9	25.0 - 29.9	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9	45.0 - 49.9	50.0 - 54.9	55.0 - 59.9	60.0 - 64.9	65.0 - 69.9	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 89.9	Other	Total
TOTAL COUNT :	#1.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15407	15407
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15407	15407
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	
Average :	#1.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44
Days & ADT :	#1.	3.6	4225															
		3.6	4225															
Avg,50,67,85%:	#1.	0.0	0.0	0.0	0.0	176.4	-186.3	0%										
		0.0	0.0	0.0	0.0	176.4	-186.3	0%										

2D0000656 Speed Class Charts For Data From: 14:45 - 04/11/2011 To: 06:29 - 04/15/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0000656

Station ID : 2P0000656
Info Line 1 : 90994520
Info Line 2 : I90 LOCKWD INTC
GPS Lat/Lon :
DB File : 2P0000656.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 87519
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 14:45 - 04/11/2011 To: 06:29 - 04/15/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	14:45	0	22	16	0	1	0	0	0	1	0	0	0	1	0	41
Mon	15:00	1	29	13	0	0	0	0	0	1	1	0	0	0	0	45
	15:15	0	20	15	0	0	0	0	0	1	0	0	0	1	0	37
	15:30	1	27	15	0	0	0	0	0	1	0	0	0	0	1	45
	15:45	1	25	10	0	0	0	0	1	0	0	0	0	1	1	39
	16:00	0	30	14	0	0	1	0	1	1	0	0	0	1	0	48
	16:15	0	32	20	0	0	0	0	0	1	0	0	0	1	0	54
	16:30	0	43	19	0	0	0	0	1	1	0	0	0	0	0	64
	16:45	1	45	27	0	0	0	0	0	3	0	0	0	0	1	77
	17:00	0	49	28	0	0	2	0	0	0	0	0	0	0	0	79
	17:15	1	44	40	0	0	0	0	1	3	0	0	0	0	0	89
	17:30	0	50	20	0	0	0	0	0	0	0	0	0	1	0	71
	17:45	0	31	21	0	0	0	0	1	0	0	0	0	0	0	53
	18:00	2	23	12	0	0	0	0	0	2	0	0	0	0	0	39
	18:15	0	21	11	0	0	0	0	0	1	0	0	0	0	0	33
	18:30	0	16	6	0	0	0	0	0	0	0	0	0	0	0	22
	18:45	0	9	5	0	0	0	0	0	0	0	0	0	0	0	14
	19:00	0	17	7	0	0	0	0	0	0	0	0	0	0	0	24
	19:15	0	8	7	0	0	0	0	0	1	0	0	0	0	0	16
	19:30	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
	19:45	0	10	5	0	0	0	0	0	0	0	0	0	0	0	15
	20:00	0	9	5	0	0	0	0	0	1	0	0	0	0	0	15
	20:15	0	11	3	1	0	0	0	0	0	0	0	0	0	0	15
	20:30	0	11	0	0	0	0	0	0	1	0	0	0	0	0	12
	20:45	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
	21:00	0	8	5	0	0	0	0	0	0	0	0	0	1	0	14
	21:15	0	5	6	0	0	0	0	0	0	0	0	0	0	0	11
	21:30	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	21:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	22:15	0	5	1	0	0	0	0	0	1	0	0	0	0	0	7
	22:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1

	(AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
Date	Time															
04/11/11	23:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Mon	23:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		7	631	344	1	1	3	0	5	20	1	0	0	7	3	1023
	Percent :	1%	62%	34%	0%	0%	0%	0%	0%	2%	0%	0%	0%	1%	0%	
	Average :	0	17	9	0	0	0	0	0	1	0	0	0	0	0	27

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Tue	00:15	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2
	00:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	02:30	0	2	0	0	0	0	0	0	2	0	0	0	0	0	4
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4
	04:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:45	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	06:00	0	4	3	0	0	1	0	0	1	0	0	0	0	0	9
	06:15	0	6	5	0	0	0	0	0	1	0	0	0	0	0	12
	06:30	0	3	7	0	0	0	0	0	1	0	0	0	0	0	11
	06:45	0	7	10	0	0	0	0	0	1	0	0	0	0	0	18
	07:00	0	9	7	0	0	1	0	0	1	1	0	0	1	0	20
	07:15	0	17	6	0	1	0	0	1	1	0	0	0	1	0	27
	07:30	0	13	9	0	0	0	0	0	1	0	0	0	1	0	24
	07:45	0	11	10	0	0	1	0	2	0	0	0	0	0	0	24
	08:00	0	15	6	0	0	1	0	0	1	0	0	0	0	0	23
	08:15	0	12	5	0	0	0	0	0	1	0	0	0	0	0	18
	08:30	0	8	14	0	0	0	0	0	1	1	0	0	3	0	27
	08:45	0	9	6	0	1	1	0	1	2	0	0	0	0	1	21
	09:00	0	16	14	2	0	0	0	0	4	0	0	0	0	0	36
	09:15	0	9	11	0	0	0	0	0	4	0	0	0	0	0	24
	09:30	0	4	10	0	0	0	0	0	0	0	0	0	0	0	14
	09:45	1	17	6	0	0	0	0	0	3	1	0	0	1	0	29
	10:00	0	10	3	0	0	0	0	0	4	0	0	0	0	0	17
	10:15	1	9	7	0	0	0	0	0	3	0	0	0	1	0	21
	10:30	0	11	6	0	0	0	0	0	1	0	0	0	0	0	18
	10:45	0	15	7	0	0	0	0	0	2	0	0	0	0	1	25
	11:00	0	10	3	0	0	0	0	0	1	0	0	0	0	0	14
	11:15	0	7	7	0	0	0	0	0	2	0	0	0	0	0	16
	11:30	0	9	8	0	0	1	0	1	2	1	0	0	0	0	22
	11:45	0	22	6	0	0	0	0	0	1	1	0	0	0	0	30
	12:00	0	18	11	0	0	0	0	0	1	0	0	0	0	0	30
	12:15	0	10	3	0	0	0	0	0	1	0	0	0	1	0	15

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	18	9	0	1	1	0	0	0	0	0	0	0	1	30
Tue	12:45	0	16	6	0	0	0	0	0	0	1	0	0	0	0	23
	13:00	0	12	12	0	0	1	0	0	4	0	0	0	0	0	29
	13:15	0	27	16	0	0	0	0	0	5	0	0	1	1	0	50
	13:30	0	18	8	1	0	0	0	0	6	0	0	0	0	0	33
	13:45	0	13	11	0	0	0	0	0	1	0	0	0	0	1	26
	14:00	0	21	8	0	0	0	0	1	1	0	0	0	1	0	32
	14:15	0	29	18	0	0	0	0	0	4	0	0	0	0	0	51
	14:30	1	16	10	0	0	0	0	0	5	0	0	0	0	0	32
	14:45	0	19	12	0	0	0	0	0	0	0	0	0	0	0	31
	15:00	0	32	16	0	0	0	0	0	1	0	0	0	0	0	49
	15:15	0	33	12	0	0	0	0	0	2	2	0	0	1	0	50
	15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:30	0	30	12	0	0	0	0	1	4	0	0	0	0	1	48
	18:45	0	17	8	0	0	0	0	0	3	0	0	0	0	0	28
	19:00	0	13	6	0	0	0	0	1	0	0	0	0	1	0	21
	19:15	0	19	10	0	0	0	0	0	2	0	0	0	1	0	32
	19:30	0	14	5	0	0	0	0	0	1	0	0	0	1	0	21
	19:45	0	14	3	0	0	0	0	0	0	0	0	0	0	0	17
	20:00	0	17	11	0	0	1	0	0	0	0	0	0	0	0	29
	20:15	0	17	4	0	0	0	0	0	4	0	0	0	0	0	25
	20:30	0	14	4	0	0	0	0	0	1	0	0	0	1	0	20
	20:45	0	10	8	0	0	0	0	0	0	0	0	0	0	0	18
	21:00	0	7	4	0	0	0	0	0	1	0	0	0	0	0	12
	21:15	0	9	2	0	0	0	0	0	2	0	0	0	0	0	13
	21:30	0	5	1	0	0	0	0	0	1	0	0	0	0	0	7
	21:45	0	1	2	0	0	0	0	0	1	0	0	0	0	0	4
	22:00	0	3	6	0	0	0	0	0	0	0	0	0	0	0	9
	22:15	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8
	22:30	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	1	3	0	0	0	0	0	1	0	0	0	0	0	5
Daily Total :		3	752	434	4	4	9	0	9	96	9	0	1	16	5	1342
Percent :		0%	56%	32%	0%	0%	1%	0%	1%	7%	1%	0%	0%	1%	0%	
Average :		0	8	5	0	0	0	0	0	1	0	0	0	0	0	14

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	0	0	0	1	0	0	2	0	0	0	0	0	3
Wed	00:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	00:30	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
	01:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	1	0	0	0	0	0	0	2	0	0	0	0	0	3
	01:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	2	0	0	0	0	0	0	2	0	0	0	0	0	4
	04:30	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2
	04:45	0	1	2	0	0	0	0	0	3	0	0	0	1	0	7
	05:00	0	2	2	0	0	0	0	0	2	0	0	0	0	0	6
	05:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	10	4	0	0	0	0	0	2	0	0	0	0	0	16
	06:30	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
	06:45	0	13	5	0	1	0	0	0	2	0	0	0	0	0	21
	07:00	0	17	3	0	1	1	0	0	0	1	0	0	0	1	24
	07:15	0	20	5	1	0	0	0	1	1	0	0	0	0	0	28
	07:30	0	18	9	0	0	0	0	0	4	0	0	0	0	1	32
	07:45	0	18	6	0	0	0	0	0	1	1	0	0	1	0	27
	08:00	0	19	14	0	0	0	0	0	0	0	0	0	1	0	34
	08:15	0	8	7	0	0	0	0	0	0	0	0	0	0	0	15
	08:30	0	20	7	0	0	0	0	0	3	0	0	0	0	0	30
	08:45	0	13	10	0	1	0	0	1	2	0	0	0	1	0	28
	09:00	0	17	6	0	2	0	0	0	5	0	0	0	0	0	30
	09:15	0	12	10	0	0	0	0	0	2	0	0	0	1	0	25
	09:30	0	15	4	0	0	0	0	0	1	0	0	0	0	0	20
	09:45	0	6	4	1	0	0	0	0	2	0	0	0	2	0	15
	10:00	0	6	1	0	0	0	0	0	2	0	0	0	0	0	9
	10:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	2	30	17	1	0	1	0	0	12	1	0	0	2	1	67
	14:00	0	18	12	0	0	0	0	0	3	0	0	0	1	1	35
	14:15	0	22	5	0	0	0	0	1	3	0	0	1	0	1	33
	14:30	0	13	13	0	1	0	1	0	2	2	0	0	0	0	32
	14:45	0	20	11	1	0	0	0	0	3	0	0	0	0	2	37
	15:00	0	30	17	0	0	0	0	0	8	1	0	0	1	0	57
	15:15	0	26	22	0	0	1	0	0	3	1	0	0	0	0	53
	15:30	0	28	12	0	0	0	0	0	1	1	0	0	1	0	43
	15:45	0	32	19	0	0	2	0	0	2	0	0	0	0	1	56
	16:00	0	37	18	0	0	0	0	0	2	0	0	0	2	0	59
	16:15	0	32	17	0	0	0	0	0	1	1	0	0	3	0	54
	16:30	3	42	27	0	0	0	0	0	2	0	0	0	1	0	75
	16:45	0	64	27	0	0	0	0	0	0	0	0	0	0	1	92
	17:00	1	46	33	0	0	1	0	0	3	0	0	0	1	1	86
	17:15	1	63	37	0	0	0	0	0	2	1	0	0	1	0	105
	17:30	0	63	24	0	1	0	0	0	3	0	0	0	0	0	91
	17:45	0	45	22	0	0	0	1	0	7	0	0	0	0	0	75
	18:00	0	27	15	0	1	0	0	1	3	0	0	0	0	0	47
	18:15	0	29	11	0	0	0	0	0	1	0	0	0	0	0	41
	18:30	0	17	9	0	0	0	0	0	1	0	0	0	0	0	27
	18:45	0	16	7	0	0	0	0	0	2	0	0	0	1	0	26
	19:00	0	16	8	0	0	0	0	0	3	0	0	0	0	0	27
	19:15	0	11	7	0	0	0	0	0	3	0	0	0	0	0	21
	19:30	0	14	9	0	0	0	0	0	3	1	0	0	0	0	27
	19:45	1	14	4	0	0	0	0	0	3	0	0	0	1	0	23
	20:00	0	8	3	0	0	0	0	0	3	0	0	0	0	0	14
	20:15	0	14	8	0	0	1	0	0	5	0	0	0	0	0	28
	20:30	0	10	5	0	0	0	0	0	1	0	0	0	0	0	16
	20:45	0	12	8	0	0	0	0	0	2	0	0	0	0	0	22
	21:00	0	5	4	0	0	0	0	0	1	0	0	0	0	0	10
	21:15	0	10	6	0	0	0	0	0	0	0	0	0	0	0	16
	21:30	0	3	0	0	1	0	0	0	1	0	1	0	0	0	6
	21:45	0	8	2	0	0	0	0	0	1	0	0	0	0	0	11
	22:00	0	2	3	0	1	1	0	0	0	0	0	0	0	0	7
	22:15	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
	22:30	0	4	0	0	0	0	0	0	0	0	0	1	0	0	5
	22:45	0	2	0	0	0	0	0	0	2	0	0	0	0	0	4
	23:00	0	4	0	0	0	0	0	0	1	0	0	0	0	0	5
	23:15	0	0	2	0	0	0	0	0	1	0	0	0	0	0	3
	23:30	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	23:45	0	1	2	0	0	0	0	0	0	1	0	0	0	0	4
Daily Total :		8	1082	560	4	10	9	3	4	137	12	1	3	23	10	1866
Percent :		0%	58%	30%	0%	1%	0%	0%	0%	7%	1%	0%	0%	1%	1%	
Average :		0	11	6	0	0	0	0	0	1	0	0	0	0	0	18

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Thu	00:15	0	0	2	0	0	0	0	0	1	0	0	0	0	0	3
	00:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
	04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	2	3	1	0	0	0	0	0	0	0	0	0	0	6
	04:45	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	05:00	0	2	3	0	0	0	0	1	0	1	0	0	0	0	7
	05:15	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	05:30	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	05:45	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	06:00	0	2	5	0	0	0	0	0	0	0	0	0	0	0	7
	06:15	0	7	1	0	0	1	0	1	0	0	0	0	0	0	10
	06:30	0	4	7	0	0	0	0	0	1	0	0	0	1	0	13
	06:45	0	11	15	0	0	0	0	0	0	0	0	0	0	0	26
	07:00	0	18	4	0	0	0	0	0	1	0	0	1	0	0	24
	07:15	0	14	2	1	0	0	0	0	0	1	0	0	0	0	18
	07:30	0	12	12	0	0	0	0	0	0	0	0	0	0	0	24
	07:45	0	12	7	0	0	0	0	0	0	0	0	0	0	0	19
	08:00	0	10	4	0	0	0	0	0	1	0	0	0	0	0	15
	08:15	0	14	10	0	0	0	0	0	0	1	0	0	1	1	27
	08:30	0	14	5	1	0	1	0	0	2	1	0	0	1	0	25
	08:45	0	15	8	0	0	0	0	0	6	0	0	0	0	0	29
	09:00	0	15	9	0	1	0	0	0	1	0	0	0	0	0	26
	09:15	0	16	5	0	0	0	0	0	2	1	0	0	0	0	24
	09:30	0	8	16	0	0	0	0	0	3	1	0	0	0	0	28
	09:45	0	6	15	0	0	0	0	0	1	0	0	0	0	0	22
	10:00	0	6	7	0	0	0	0	0	2	1	0	0	0	0	16
	10:15	0	10	7	0	0	0	0	0	1	1	0	0	1	0	20
	10:30	0	10	9	0	0	0	0	0	2	0	0	0	0	0	21
	10:45	0	13	9	0	0	0	0	0	1	0	0	0	0	0	23
	11:00	1	10	6	0	0	1	0	0	1	2	0	0	0	0	21
	11:15	0	9	8	0	0	0	0	0	1	0	0	0	1	0	19
	11:30	0	13	12	0	0	0	0	1	2	0	0	0	0	0	28
	11:45	1	13	7	0	1	0	0	0	1	0	0	0	0	0	23
	12:00	0	13	8	0	0	0	0	0	3	1	0	0	0	0	25
	12:15	1	23	6	0	0	0	0	0	0	1	0	0	0	0	31

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	12:30	0	12	12	0	0	0	0	0	1	0	0	0	0	1	26
Thu	12:45	0	12	12	1	0	0	0	0	0	1	0	0	0	1	27
	13:00	0	14	9	0	0	1	0	0	1	0	0	0	0	0	25
	13:15	0	18	12	0	0	0	0	0	0	1	0	0	0	1	32
	13:30	0	19	10	0	0	1	0	0	2	0	0	0	0	1	33
	13:45	0	18	17	0	0	2	0	0	3	0	0	0	0	0	40
	14:00	0	19	11	0	0	0	0	0	1	0	0	0	1	0	32
	14:15	0	21	15	0	0	0	0	0	3	0	0	0	0	0	39
	14:30	0	16	5	0	0	0	0	0	4	0	0	0	0	0	25
	14:45	0	27	15	1	0	0	0	0	1	0	0	0	0	1	45
	15:00	0	25	14	0	0	0	0	0	3	0	0	1	3	2	48
	15:15	0	30	11	0	0	0	0	0	4	0	0	0	0	0	45
	15:30	0	27	15	0	0	0	0	0	6	0	0	0	0	0	48
	15:45	0	41	20	0	0	1	0	0	4	1	0	1	1	1	70
	16:00	0	38	16	0	1	0	0	0	2	1	0	0	0	0	58
	16:15	1	55	12	0	0	0	0	0	1	0	0	0	0	0	69
	16:30	0	24	23	0	0	0	0	0	0	0	0	0	0	1	48
	16:45	0	37	20	0	0	0	0	0	1	0	0	0	0	2	60
	17:00	0	42	22	1	0	0	0	0	2	1	0	0	0	0	68
	17:15	0	65	41	0	0	0	0	0	1	1	0	0	1	1	110
	17:30	0	55	17	0	0	0	0	0	0	0	0	0	0	2	74
	17:45	0	49	18	0	0	0	0	0	1	1	0	0	2	0	71
	18:00	0	31	16	0	0	0	0	0	2	0	0	0	0	0	49
	18:15	0	29	11	0	1	0	0	0	0	0	0	0	0	0	41
	18:30	0	18	11	0	0	0	0	1	1	0	0	0	0	0	31
	18:45	0	16	10	1	0	0	0	0	0	0	0	0	0	0	27
	19:00	0	18	8	0	0	0	0	0	1	1	0	0	0	0	28
	19:15	0	13	5	0	0	0	0	0	1	1	0	0	0	0	20
	19:30	0	11	7	0	0	0	0	0	1	0	0	0	0	0	19
	19:45	0	22	7	0	0	0	0	0	1	0	0	0	2	0	32
	20:00	0	19	8	0	1	0	0	0	2	0	0	0	0	0	30
	20:15	0	15	5	1	1	0	0	0	0	0	0	0	0	0	22
	20:30	0	21	8	0	1	0	0	0	2	0	0	0	0	0	32
	20:45	0	9	5	0	1	0	0	1	1	0	0	0	0	1	18
	21:00	0	8	3	0	0	0	0	1	0	1	0	0	1	0	14
	21:15	0	10	4	0	0	0	0	0	1	0	0	0	0	0	15
	21:30	0	6	3	0	0	0	0	0	0	0	0	0	1	0	10
	21:45	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	22:00	0	9	6	0	0	0	0	0	0	0	0	0	0	0	15
	22:15	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	22:30	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	22:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	23:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		5	1257	694	8	9	8	0	6	93	22	0	3	17	16	2138
Percent :		0%	59%	32%	0%	0%	0%	0%	0%	4%	1%	0%	0%	1%	1%	
Average :		0	13	7	0	0	0	0	0	1	0	0	0	0	0	21

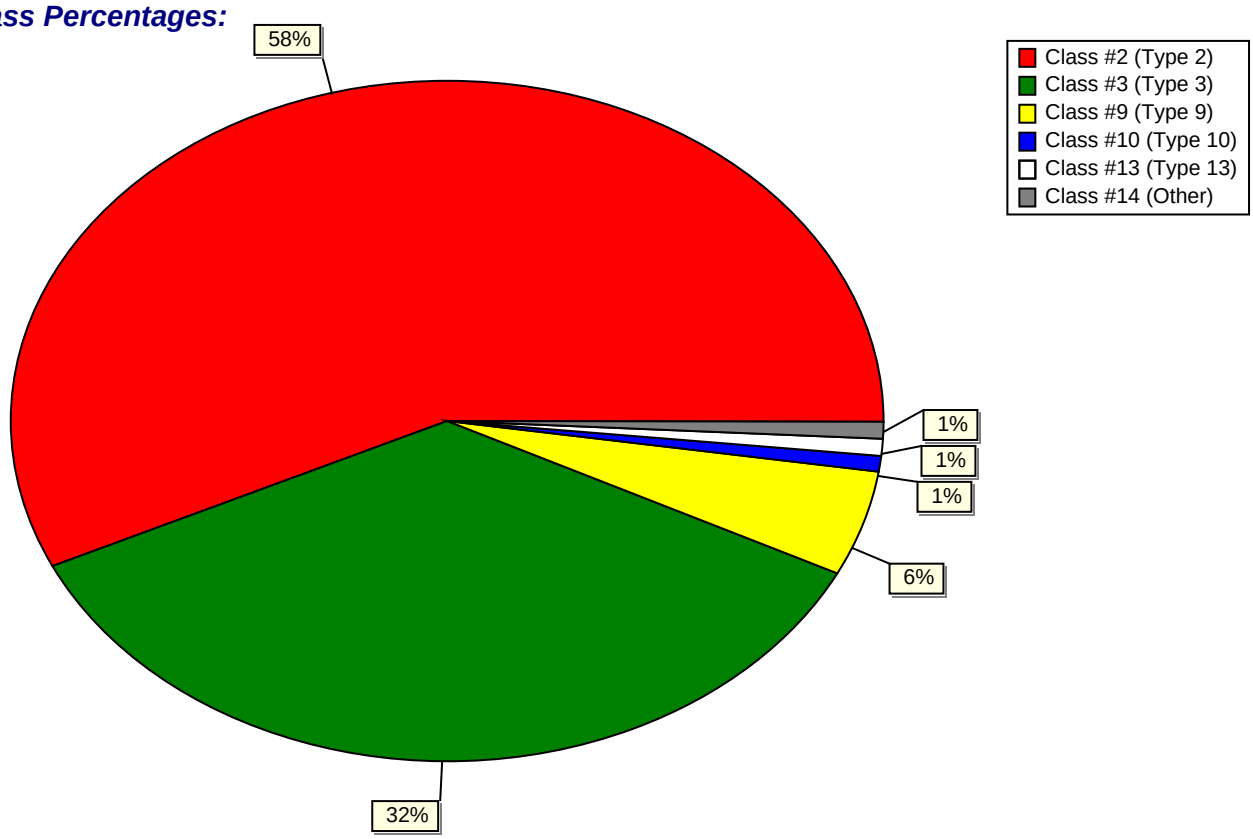
Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/15/11	00:00	0	3	1	0	0	0	0	0	1	0	0	0	0	0	5
Fri	00:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	01:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	01:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	1	0	0	0	0	0	0	0	0	0	1	1	0	3
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	03:30	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2
	03:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	04:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	4	1	1	0	0	0	0	0	0	0	0	0	0	6
	04:45	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	05:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:30	0	1	1	0	1	0	0	0	1	0	0	0	1	0	5
	05:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	06:00	0	1	6	0	1	0	0	0	1	0	0	0	0	0	9
Daily Total :		1	21	20	2	2	0	0	0	8	0	0	2	2	0	58
	Percent :	2%	36%	34%	3%	3%	0%	0%	0%	14%	0%	0%	3%	3%	0%	
	Average :	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2

Basic Axle Class Summary: 2P0000656

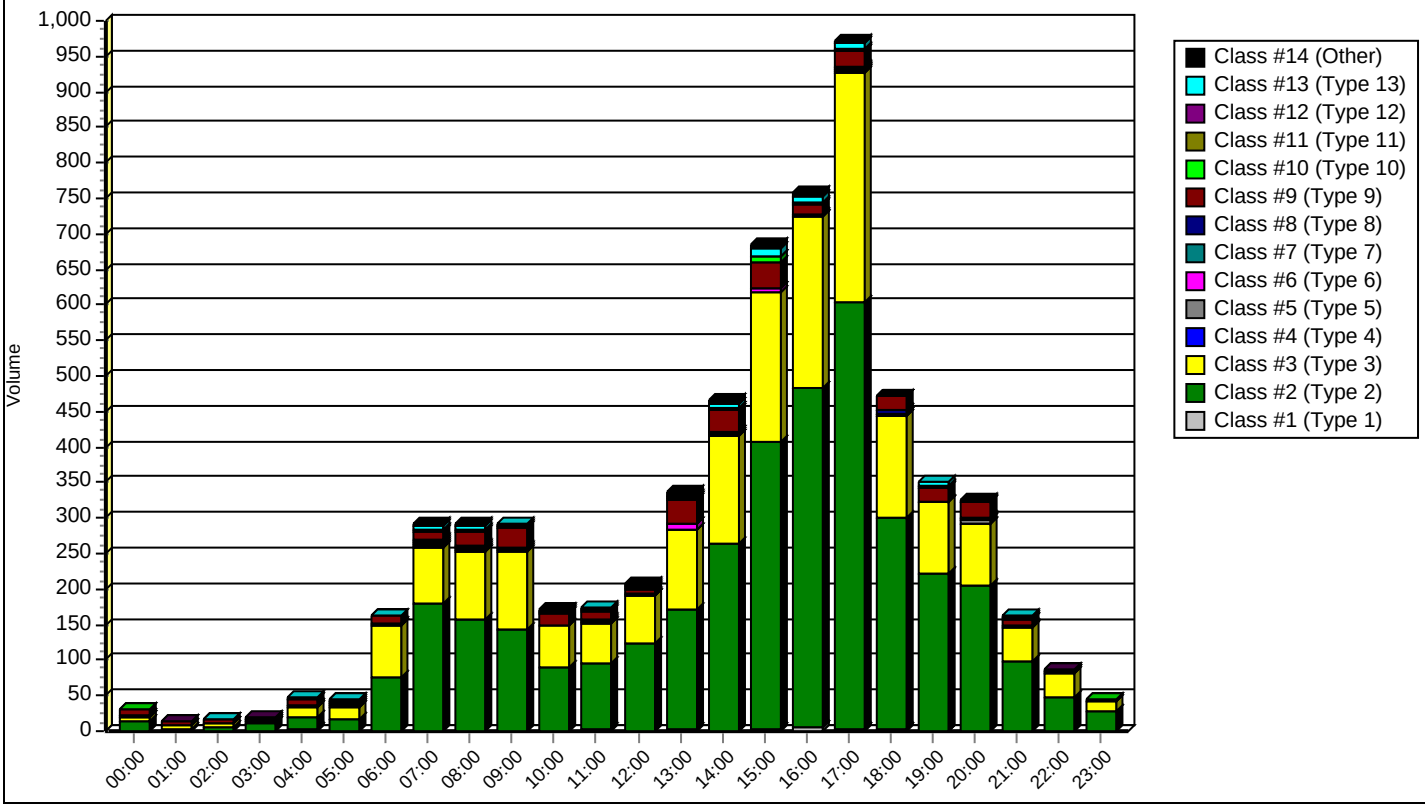
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	24	3743	2052	19	26	29	3	24	354	44	1	9	65	34	6427
		24	3743	2052	19	26	29	3	24	354	44	1	9	65	34	6427
Percents :	#1.	0%	58%	32%	0%	0%	0%	0%	0%	6%	1%	0%	0%	1%	1%	100%
		0%	58%	32%	0%	0%	0%	0%	0%	6%	1%	0%	0%	1%	1%	
Average :	#1.	0	11	6	0	0	0	0	0	1	0	0	0	0	0	18
		0	11	6	0	0	0	0	0	1	0	0	0	0	0	18
Days & ADT :	#1.	3.6	1762													
		3.6	1762													

2P0000656 Axle Class Charts For Data From: 14:45 - 04/11/2011 To: 06:29 - 04/15/2011

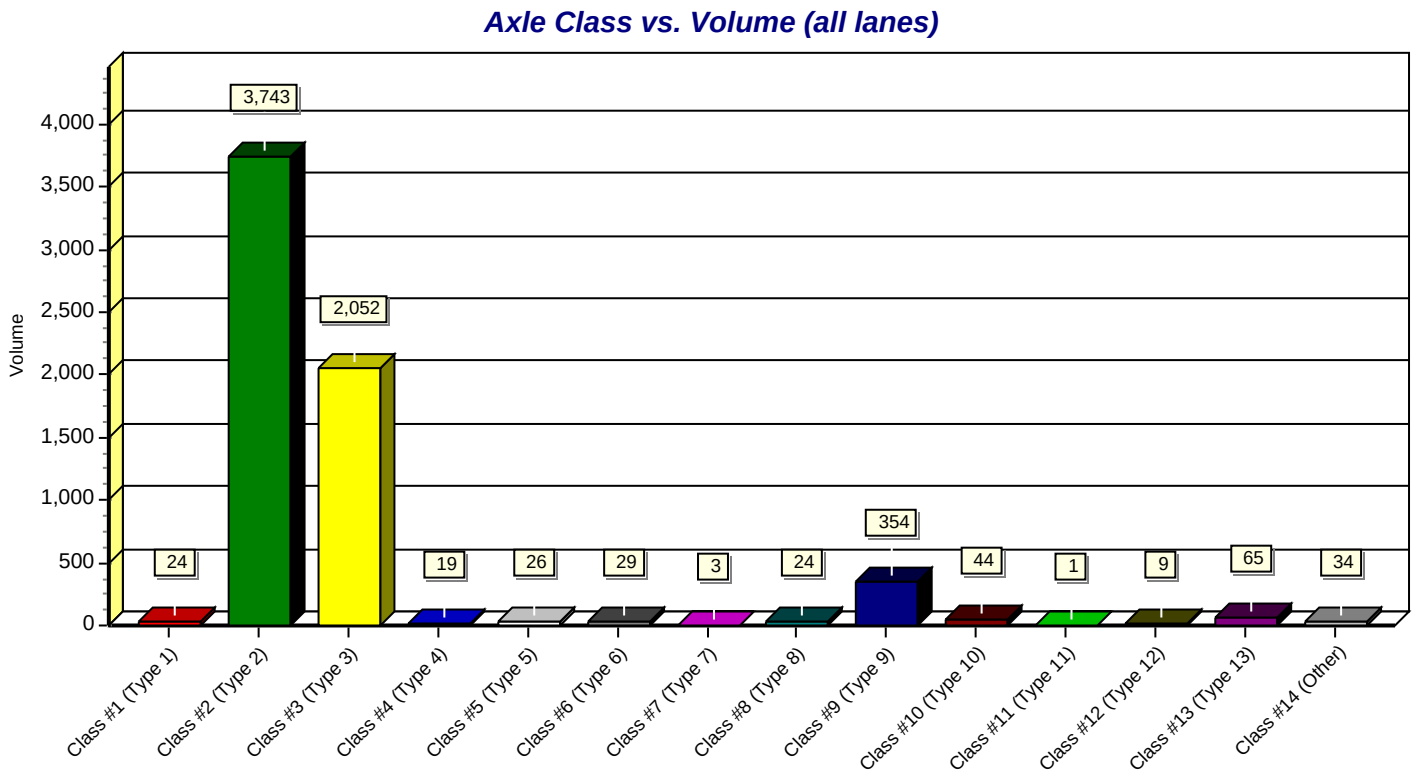
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0000656 Axle Class Charts For Data From: 14:45 - 04/11/2011 To: 06:29 - 04/15/2011



Basic Speed Classification Report: 2P0000656

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 14:45 - 04/11/2011 To: 06:29 - 04/15/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	14:45	0	0	0	0	0	0	0	0	2	3	25	6	4	1	0	0	41
Mon	15:00	0	0	0	0	0	0	0	0	0	6	20	13	5	1	0	0	45
	15:15	0	0	0	0	0	0	0	0	0	6	23	6	1	1	0	0	37
	15:30	0	0	0	0	0	0	0	0	0	2	25	14	3	0	1	0	45
	15:45	0	0	0	0	0	0	0	0	0	3	21	13	2	0	0	0	39
	16:00	0	0	0	0	0	0	0	0	0	5	23	16	2	2	0	0	48
	16:15	0	0	0	0	0	0	0	0	0	7	29	16	2	0	0	0	54
	16:30	0	0	0	0	0	0	0	0	0	7	35	17	5	0	0	0	64
	16:45	1	0	0	0	0	0	0	0	1	11	43	19	2	0	0	0	77
	17:00	0	0	0	0	0	0	0	0	0	11	45	18	5	0	0	0	79
	17:15	0	0	0	0	0	0	0	0	0	8	56	23	2	0	0	0	89
	17:30	0	0	0	0	0	0	0	0	0	11	39	19	2	0	0	0	71
	17:45	0	0	0	0	0	0	0	0	0	4	29	19	1	0	0	0	53
	18:00	1	0	0	0	0	0	0	0	0	2	24	11	1	0	0	0	39
	18:15	0	0	0	0	0	0	0	0	0	2	27	3	1	0	0	0	33
	18:30	0	0	0	0	0	0	0	0	0	0	9	10	3	0	0	0	22
	18:45	0	0	0	0	0	0	0	0	0	1	11	1	1	0	0	0	14
	19:00	0	0	0	0	0	0	0	0	0	3	11	8	1	1	0	0	24
	19:15	0	0	0	0	0	0	0	0	0	4	9	3	0	0	0	0	16
	19:30	0	0	0	0	0	0	0	0	0	4	3	1	1	0	0	0	9
	19:45	0	0	0	0	0	0	0	0	0	1	8	6	0	0	0	0	15
	20:00	0	0	0	0	0	0	0	0	0	3	7	5	0	0	0	0	15
	20:15	0	0	0	0	0	0	0	0	0	1	11	1	2	0	0	0	15
	20:30	0	0	0	0	0	0	0	0	0	4	7	1	0	0	0	0	12
	20:45	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	9
	21:00	0	0	0	0	0	0	0	0	1	6	5	2	0	0	0	0	14
	21:15	0	0	0	0	0	0	0	0	0	2	7	1	1	0	0	0	11
	21:30	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	6
	21:45	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	22:15	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0	7
	22:30	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
	22:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	0	0	0	0	0	0	4	130	576	257	47	6	1	0	1023
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	56%	25%	5%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	4	16	7	1	0	0	0	18

Speeds - Average: 68.5 50% : 68.3 67% : 69.8 85% : 73.0 10mph Pace: 65.0 - 74.9 (81.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
Tue	00:15	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	4
	04:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	05:45	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	06:00	0	0	0	0	0	0	0	0	2	3	3	1	0	0	0	0	9
	06:15	0	0	0	0	0	0	0	0	0	2	7	1	1	1	0	0	12
	06:30	0	0	0	0	0	0	0	0	0	2	7	1	1	0	0	0	11
	06:45	0	0	0	0	0	0	0	0	0	2	11	5	0	0	0	0	18
	07:00	0	0	0	0	0	0	0	0	0	1	13	4	2	0	0	0	20
	07:15	0	0	0	0	0	0	0	0	0	4	16	7	0	0	0	0	27
	07:30	0	0	0	0	0	0	0	0	0	8	13	3	0	0	0	0	24
	07:45	0	0	0	0	0	0	0	0	0	4	15	5	0	0	0	0	24
	08:00	0	0	0	0	0	0	0	0	0	4	10	8	1	0	0	0	23
	08:15	0	0	0	0	0	0	0	0	0	5	10	2	1	0	0	0	18
	08:30	0	0	0	0	0	0	0	0	1	7	11	5	3	0	0	0	27
	08:45	0	0	0	0	0	0	0	0	2	11	6	2	0	0	0	0	21
	09:00	0	0	0	0	0	0	0	0	2	17	14	3	0	0	0	0	36
	09:15	0	0	0	0	0	0	0	0	0	2	17	5	0	0	0	0	24
	09:30	0	0	0	0	0	0	0	0	0	4	8	2	0	0	0	0	14
	09:45	0	0	0	0	0	0	0	0	0	10	12	7	0	0	0	0	29
	10:00	0	0	0	0	0	0	0	0	0	2	11	3	1	0	0	0	17
	10:15	0	0	0	0	0	0	0	0	0	5	11	4	1	0	0	0	21
	10:30	0	0	0	0	0	0	0	0	0	6	8	4	0	0	0	0	18
	10:45	0	0	0	0	0	0	0	0	1	6	14	4	0	0	0	0	25
	11:00	0	0	0	0	0	0	0	0	0	5	7	2	0	0	0	0	14
	11:15	0	0	0	0	0	0	0	0	0	4	7	5	0	0	0	0	16
	11:30	0	0	0	0	0	0	0	0	1	3	11	5	2	0	0	0	22
	11:45	0	0	0	0	0	0	0	0	0	7	14	6	3	0	0	0	30
	12:00	0	0	0	0	0	0	0	0	1	6	16	5	2	0	0	0	30
	12:15	0	0	0	0	0	0	0	0	0	7	7	1	0	0	0	0	15

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	3	4	13	6	2	1	1	0	30
Tue	12:45	0	0	0	0	0	0	0	0	0	6	11	5	1	0	0	0	23
	13:00	0	0	0	0	0	0	0	0	0	7	18	3	1	0	0	0	29
	13:15	0	0	0	0	0	0	0	0	0	10	24	12	4	0	0	0	50
	13:30	0	0	0	0	0	0	0	0	0	7	15	8	2	1	0	0	33
	13:45	0	0	0	0	0	0	0	0	0	6	13	6	1	0	0	0	26
	14:00	0	0	0	0	0	0	0	0	0	8	16	5	3	0	0	0	32
	14:15	0	0	0	0	0	0	0	0	1	12	30	7	1	0	0	0	51
	14:30	0	0	0	0	0	0	0	0	0	8	16	6	1	0	1	0	32
	14:45	0	0	0	0	0	0	0	0	0	3	22	4	1	1	0	0	31
	15:00	0	0	0	0	0	0	0	0	0	14	25	6	3	1	0	0	49
	15:15	0	0	0	0	0	0	0	0	1	9	27	13	0	0	0	0	50
	15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	18:30	0	0	0	0	0	0	0	2	0	15	24	6	1	0	0	0	48
	18:45	0	0	0	0	0	0	0	0	0	2	15	8	3	0	0	0	28
	19:00	0	0	0	0	0	0	0	0	0	1	9	10	1	0	0	0	21
	19:15	0	0	0	0	0	0	0	0	0	4	23	4	1	0	0	0	32
	19:30	0	0	0	0	0	0	0	1	1	8	8	3	0	0	0	0	21
	19:45	0	0	0	0	0	0	0	0	1	5	8	3	0	0	0	0	17
	20:00	0	0	0	0	0	0	0	0	2	2	16	6	2	0	1	0	29
	20:15	0	0	0	0	0	0	0	0	1	9	13	1	1	0	0	0	25
	20:30	0	0	0	0	0	0	0	0	1	6	12	0	1	0	0	0	20
	20:45	0	0	0	0	0	0	0	0	0	7	9	2	0	0	0	0	18
	21:00	0	0	0	0	0	0	0	0	0	4	7	1	0	0	0	0	12
	21:15	0	0	0	0	0	0	0	0	0	5	5	3	0	0	0	0	13
	21:30	0	0	0	0	0	0	0	0	1	2	3	1	0	0	0	0	7
	21:45	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	3	5	1	0	0	0	0	9
	22:15	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	0	8
	22:30	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	23:30	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	5

(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :	0	0	0	0	0	0	1	5	25	320	695	239	49	5	3	0	1342
Percent :	0%	0%	0%	0%	0%	0%	0%	0%	2%	24%	52%	18%	4%	0%	0%	0%	
Average :	0	0	0	0	0	0	0	0	0	3	7	2	1	0	0	0	28

Speeds - Average: 67.4 50% : 67.4 67% : 68.9 85% : 72.1 10mph Pace: 60.1 - 70.0 (75.6%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
Wed	00:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	3	1	0	0	1	0	0	5
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	3
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	4
	04:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	1	1	4	1	0	0	0	0	7
	05:00	0	0	0	0	0	0	0	0	0	3	2	0	0	0	1	0	6
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	0	0	0	0	0	0	0	1	6	9	0	0	0	0	0	16
	06:30	0	0	0	0	0	0	0	0	0	2	7	1	2	0	0	0	12
	06:45	0	0	0	0	0	0	0	0	0	6	8	6	1	0	0	0	21
	07:00	0	0	0	0	0	0	0	0	0	7	9	8	0	0	0	0	24
	07:15	0	0	0	0	0	0	0	0	0	8	12	8	0	0	0	0	28
	07:30	1	0	0	0	0	0	0	0	0	12	16	3	0	0	0	0	32
	07:45	0	0	0	0	0	0	0	0	0	6	18	2	1	0	0	0	27
	08:00	0	0	0	0	0	0	0	0	0	5	26	3	0	0	0	0	34
	08:15	0	0	0	0	0	0	0	0	0	4	3	8	0	0	0	0	15
	08:30	0	0	0	0	0	0	0	0	1	10	15	3	1	0	0	0	30
	08:45	1	0	0	0	0	0	0	0	0	9	11	5	2	0	0	0	28
	09:00	0	0	0	0	0	0	0	0	2	7	17	4	0	0	0	0	30
	09:15	0	0	0	0	0	0	0	0	1	5	16	3	0	0	0	0	25
	09:30	0	0	0	0	0	0	0	0	0	3	15	2	0	0	0	0	20
	09:45	0	0	0	0	0	0	0	0	0	3	8	4	0	0	0	0	15
	10:00	0	0	0	0	0	0	0	0	0	2	6	1	0	0	0	0	9
	10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13:45	0	0	0	0	0	0	1	1	4	40	18	3	0	0	0	0	67
	14:00	0	0	0	0	0	0	0	0	1	14	20	0	0	0	0	0	35
	14:15	0	0	0	0	0	0	0	0	1	9	15	6	2	0	0	0	33
	14:30	0	0	0	0	0	0	0	0	0	3	25	3	1	0	0	0	32
	14:45	0	0	0	0	0	0	0	0	0	5	20	11	1	0	0	0	37
	15:00	0	0	0	0	0	0	2	3	3	7	28	12	1	1	0	0	57
	15:15	0	0	0	0	0	0	0	0	0	17	32	4	0	0	0	0	53
	15:30	0	0	0	0	0	0	0	0	0	4	32	6	1	0	0	0	43
	15:45	0	0	0	0	0	0	0	0	0	11	30	13	2	0	0	0	56
	16:00	0	0	0	0	0	0	0	0	0	10	32	16	0	1	0	0	59
	16:15	0	0	0	0	0	0	0	0	0	10	34	8	1	1	0	0	54
	16:30	0	0	0	0	0	0	0	0	0	14	41	15	5	0	0	0	75
	16:45	0	0	0	0	0	0	0	0	0	14	58	17	3	0	0	0	92
	17:00	0	0	0	0	0	0	0	0	0	9	52	22	3	0	0	0	86
	17:15	0	0	0	0	0	0	0	0	2	17	66	20	0	0	0	0	105
	17:30	0	0	0	0	0	0	0	0	0	8	63	18	2	0	0	0	91
	17:45	0	0	0	0	0	0	0	0	0	9	47	16	3	0	0	0	75
	18:00	0	0	0	0	0	0	0	0	0	9	26	11	1	0	0	0	47
	18:15	0	0	0	0	0	0	0	0	0	5	21	14	1	0	0	0	41
	18:30	0	0	0	0	0	0	0	0	0	6	14	7	0	0	0	0	27
	18:45	0	0	0	0	0	0	0	0	0	4	17	5	0	0	0	0	26
	19:00	0	0	0	0	0	0	0	0	1	5	14	6	0	0	1	0	27
	19:15	0	0	0	0	0	0	0	0	0	8	10	3	0	0	0	0	21
	19:30	0	0	0	0	0	0	0	0	0	9	15	2	0	0	1	0	27
	19:45	0	0	0	0	0	0	0	0	0	12	10	1	0	0	0	0	23
	20:00	0	0	0	0	0	0	0	0	0	3	7	4	0	0	0	0	14
	20:15	0	0	0	0	0	0	0	0	2	7	17	2	0	0	0	0	28
	20:30	0	0	0	0	0	0	0	0	1	5	9	1	0	0	0	0	16
	20:45	0	0	0	0	0	0	0	0	1	6	11	3	1	0	0	0	22
	21:00	0	0	0	0	0	0	0	0	1	2	7	0	0	0	0	0	10
	21:15	0	0	0	0	0	0	0	0	0	7	8	1	0	0	0	0	16
	21:30	0	0	0	0	0	0	0	0	0	3	2	0	0	0	1	0	6
	21:45	0	0	0	0	0	0	0	0	0	2	9	0	0	0	0	0	11
	22:00	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	0	7
	22:15	0	0	0	0	0	0	0	1	0	2	4	0	0	0	0	0	7
	22:30	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	5
	22:45	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	4
	23:00	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	5
	23:15	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	4
	23:45	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	0	0	0	0	3	7	28	413	1050	316	37	4	6	0	1866
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	2%	22%	56%	17%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	4	11	3	0	0	0	0	13

Speeds - Average: 67.3 50% : 67.4 67% : 68.8 85% : 71.4 10mph Pace: 60.1 - 70.0 (78.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Thu	00:15	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	00:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	1	0	0	0	0	3	1	0	0	0	0	5
	04:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	6
	04:45	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	4
	05:00	0	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	7
	05:15	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	4
	05:45	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5
	06:00	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	7
	06:15	0	0	0	0	0	0	0	0	0	3	4	3	0	0	0	0	10
	06:30	0	0	0	0	0	0	0	0	0	2	7	1	2	0	1	0	13
	06:45	0	0	0	0	0	0	0	0	0	4	14	4	3	1	0	0	26
	07:00	0	0	0	0	0	0	0	0	0	2	15	7	0	0	0	0	24
	07:15	0	0	0	0	0	0	0	0	0	1	13	4	0	0	0	0	18
	07:30	0	0	0	0	0	0	0	0	0	1	16	7	0	0	0	0	24
	07:45	0	0	0	0	0	0	0	0	0	6	9	4	0	0	0	0	19
	08:00	0	0	0	0	0	0	0	0	0	3	4	8	0	0	0	0	15
	08:15	0	0	0	0	0	0	0	0	0	3	18	6	0	0	0	0	27
	08:30	0	0	0	0	0	0	0	0	0	4	14	5	1	1	0	0	25
	08:45	0	0	0	0	0	0	0	0	0	5	21	3	0	0	0	0	29
	09:00	0	0	0	0	0	0	0	0	0	8	14	4	0	0	0	0	26
	09:15	0	0	0	0	0	0	0	0	0	6	12	4	2	0	0	0	24
	09:30	0	0	0	0	0	0	0	0	0	4	14	10	0	0	0	0	28
	09:45	0	0	0	0	0	0	0	0	0	6	10	6	0	0	0	0	22
	10:00	0	0	0	0	0	0	0	0	0	5	8	1	2	0	0	0	16
	10:15	0	0	0	0	0	0	0	0	0	5	11	3	1	0	0	0	20
	10:30	0	0	0	0	0	0	0	0	0	6	13	0	1	0	1	0	21
	10:45	0	0	0	0	0	0	0	0	0	4	12	7	0	0	0	0	23
	11:00	0	0	0	0	0	0	0	0	0	4	13	3	1	0	0	0	21
	11:15	0	0	0	0	0	0	0	0	1	4	10	4	0	0	0	0	19
	11:30	0	0	0	0	0	0	0	0	0	4	15	8	1	0	0	0	28
	11:45	0	0	0	0	0	0	0	0	0	3	12	7	1	0	0	0	23
	12:00	0	0	0	0	0	0	0	0	0	0	14	8	2	1	0	0	25
	12:15	0	0	0	0	0	0	0	0	0	6	19	4	2	0	0	0	31

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	12:30	0	0	0	0	0	0	0	0	0	4	16	4	2	0	0	0	26
Thu	12:45	0	0	0	0	0	0	0	0	0	6	13	7	1	0	0	0	27
	13:00	0	0	0	0	0	0	0	0	0	3	15	4	3	0	0	0	25
	13:15	0	0	0	0	0	0	0	0	0	8	15	8	1	0	0	0	32
	13:30	0	0	0	0	0	0	0	0	0	5	15	7	4	2	0	0	33
	13:45	0	0	0	0	0	0	0	0	0	3	25	9	3	0	0	0	40
	14:00	0	0	0	0	0	0	0	0	0	7	19	6	0	0	0	0	32
	14:15	0	0	0	0	0	0	0	0	0	6	21	9	3	0	0	0	39
	14:30	0	0	0	0	0	0	0	0	0	7	14	3	1	0	0	0	25
	14:45	0	0	0	0	0	0	0	0	0	12	22	8	2	1	0	0	45
	15:00	0	0	0	0	0	0	0	0	0	6	25	15	2	0	0	0	48
	15:15	0	0	0	0	0	0	0	0	0	4	24	14	2	1	0	0	45
	15:30	0	0	0	0	0	0	0	0	0	11	30	5	2	0	0	0	48
	15:45	0	0	0	0	0	0	0	1	2	17	39	10	1	0	0	0	70
	16:00	0	0	0	0	0	0	0	0	0	6	42	10	0	0	0	0	58
	16:15	0	0	0	0	0	0	0	0	2	13	39	15	0	0	0	0	69
	16:30	0	0	0	0	0	0	0	0	0	4	26	17	1	0	0	0	48
	16:45	0	0	0	0	0	0	0	0	0	7	34	18	1	0	0	0	60
	17:00	0	0	0	0	0	0	0	0	0	2	44	20	2	0	0	0	68
	17:15	0	0	0	0	0	0	0	0	0	5	61	35	8	0	1	0	110
	17:30	0	0	0	0	0	0	0	0	0	5	41	27	1	0	0	0	74
	17:45	0	0	0	0	0	0	0	0	0	7	32	29	3	0	0	0	71
	18:00	0	0	0	0	0	0	0	0	0	7	28	13	1	0	0	0	49
	18:15	0	0	0	0	0	0	0	0	0	4	22	12	3	0	0	0	41
	18:30	0	0	0	0	0	0	0	0	0	4	20	5	1	1	0	0	31
	18:45	0	0	0	0	0	0	0	0	0	0	16	8	2	1	0	0	27
	19:00	0	0	0	0	0	0	0	0	0	2	14	9	1	2	0	0	28
	19:15	0	0	0	0	0	0	0	0	0	1	11	7	1	0	0	0	20
	19:30	0	0	0	0	0	0	0	0	0	1	13	4	1	0	0	0	19
	19:45	0	0	0	0	0	0	0	0	0	4	22	6	0	0	0	0	32
	20:00	0	0	0	0	0	0	0	0	0	3	17	9	1	0	0	0	30
	20:15	0	0	0	0	0	0	0	0	0	3	11	7	1	0	0	0	22
	20:30	0	0	0	0	0	0	0	0	1	9	18	2	2	0	0	0	32
	20:45	0	0	0	0	0	0	0	0	0	4	10	4	0	0	0	0	18
	21:00	0	0	0	0	0	0	0	0	0	1	12	1	0	0	0	0	14
	21:15	0	0	0	0	0	0	0	0	0	5	6	4	0	0	0	0	15
	21:30	0	0	0	0	0	0	0	0	0	2	6	2	0	0	0	0	10
	21:45	0	0	0	0	0	0	0	0	0	1	6	1	1	0	0	0	9
	22:00	0	0	0	0	0	0	0	0	0	4	9	1	0	1	0	0	15
	22:15	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	6
	22:30	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
	22:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	1	3	0	1	0	0	0	5
	23:15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	0	0	0	0	1	0	1	9	317	1207	510	78	12	3	0	2138
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	15%	56%	24%	4%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	3	13	5	1	0	0	0	18

Speeds - Average: 68.4 50% : 68.1 67% : 69.6 85% : 72.8 10mph Pace: 65.0 - 74.9 (80.3%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/15/11	00:00	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	5
Fri	00:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	01:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	3
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	03:30	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	04:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	1	3	1	1	0	0	0	6
	04:45	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	05:15	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
	05:30	0	0	0	0	0	0	0	0	1	1	2	0	1	0	0	0	5
	05:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	06:00	0	0	0	0	0	0	0	0	0	1	5	3	0	0	0	0	9
Daily Total :		0	0	0	0	0	0	0	0	6	8	26	14	3	1	0	0	58
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	10%	14%	45%	24%	5%	2%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	22

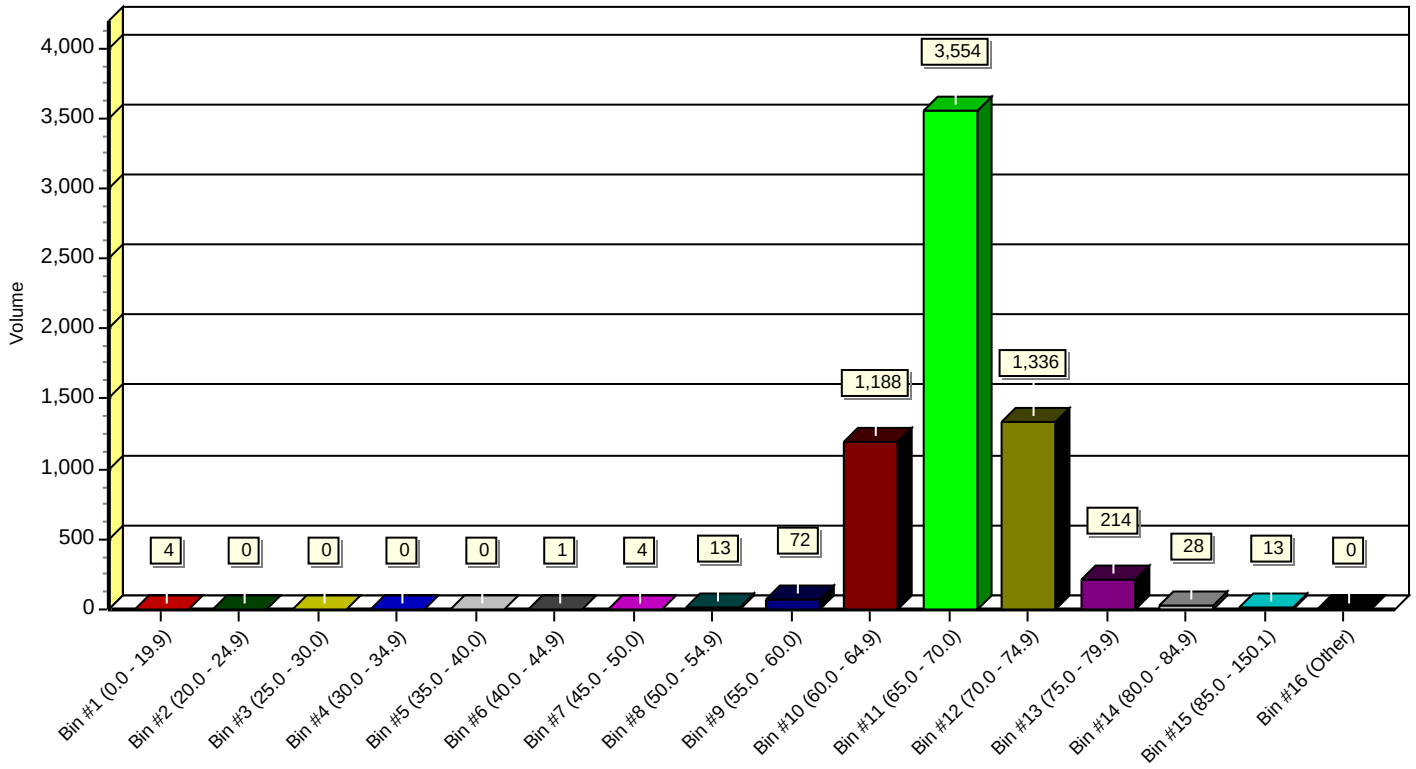
Speeds - Average: 67.7 50% : 67.7 67% : 68.2 85% : 72.7 10mph Pace: 66.7 - 76.6 (69.0%)

Basic Speed Class Summary: 2P0000656

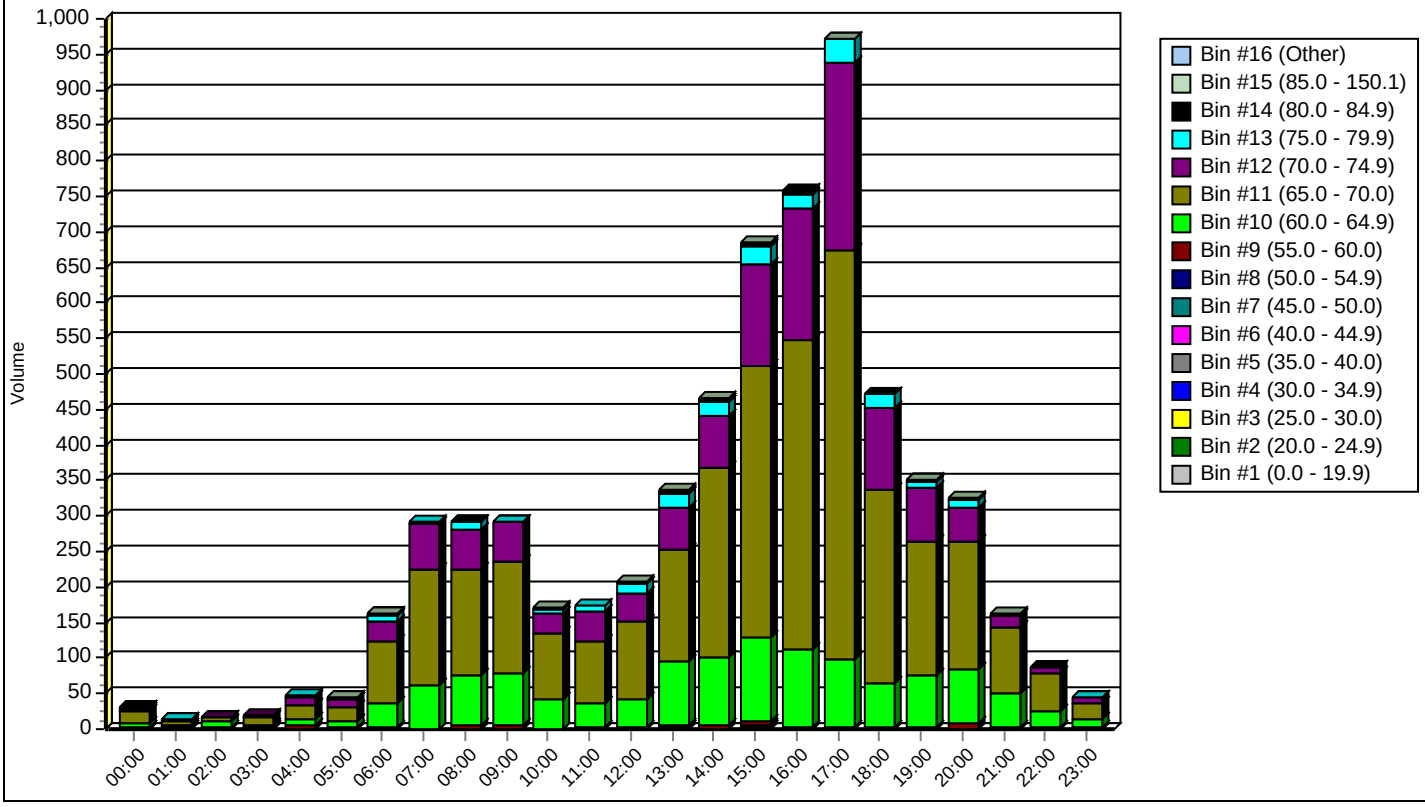
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	4	0	0	0	0	1	4	13	72	1188	3554	1336	214	28	13	0	6427
		4	0	0	0	0	1	4	13	72	1188	3554	1336	214	28	13	0	6427
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	1%	18%	55%	21%	3%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	1%	18%	55%	21%	3%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	3	10	4	1	0	0	0	18
		0	0	0	0	0	0	0	0	0	3	10	4	1	0	0	0	18
Days & ADT :	#1.	3.6	1762															
		3.6	1762															
Avg,50,67,85%:	#1.	67.9	67.7	69.3	72.5	65.0	- 74.9	76%										
		67.9	67.7	69.3	72.5	65.0	- 74.9	76%										

2P0000656 Speed Class Charts For Data From: 14:45 - 04/11/2011 To: 06:29 - 04/15/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0000656

Station ID : 4D0000656
Info Line 1 : 90994520
Info Line 2 : I90 LOCKWD INTC
GPS Lat/Lon :
DB File : 4D0000656.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 98241
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 14:30 - 04/11/2011 To: 06:44 - 04/15/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	14:30	1	38	43	0	1	0	0	0	10	1	0	0	0	1	95
Mon	14:45	0	32	37	1	1	4	0	0	11	0	0	0	2	0	88
	15:00	0	38	17	1	4	0	0	0	9	4	0	0	1	0	74
	15:15	1	35	21	1	5	2	0	2	8	0	0	0	3	0	78
	15:30	1	32	39	5	0	1	0	1	10	1	0	0	1	1	92
	15:45	1	31	35	4	1	1	0	0	6	1	0	0	2	1	83
	16:00	0	35	38	2	2	1	0	1	10	2	0	0	1	0	92
	16:15	4	38	19	1	3	0	0	0	5	1	0	0	1	0	72
	16:30	0	63	30	2	1	4	0	1	8	1	0	0	0	0	110
	16:45	1	37	28	1	0	1	0	0	9	1	0	0	0	0	78
	17:00	1	30	43	2	0	3	0	2	11	2	0	0	1	0	95
	17:15	0	44	35	3	5	0	0	0	7	2	0	0	3	0	99
	17:30	0	46	36	2	1	2	0	0	5	5	0	0	0	1	98
	17:45	0	33	25	1	0	0	0	1	2	2	0	0	1	0	65
	18:00	0	48	19	0	1	1	0	0	3	0	0	1	3	0	76
	18:15	1	25	24	0	1	1	0	0	6	1	0	0	1	0	60
	18:30	0	24	34	0	1	0	0	0	6	0	0	0	0	0	65
	18:45	2	36	20	1	1	0	0	1	7	0	0	0	0	0	68
	19:00	0	31	20	0	0	0	0	0	7	0	0	0	0	0	58
	19:15	1	27	20	0	3	0	0	0	5	0	0	0	1	0	57
	19:30	0	19	14	1	0	0	0	0	4	0	0	0	1	0	39
	19:45	0	20	8	0	0	0	0	1	6	1	0	0	1	0	37
	20:00	0	14	11	0	0	0	0	0	10	1	0	1	0	0	37
	20:15	0	20	19	0	0	0	0	0	3	1	0	1	0	0	44
	20:30	0	25	10	0	1	0	0	0	5	0	0	0	1	0	42
	20:45	2	17	15	0	0	0	0	0	2	1	0	1	1	0	39
	21:00	0	11	10	0	0	0	0	0	6	0	0	0	0	0	27
	21:15	0	14	9	0	1	2	0	0	7	0	0	0	1	0	34
	21:30	1	14	7	1	0	0	0	1	4	0	0	2	0	0	30
	21:45	0	15	5	0	0	0	0	0	7	0	0	0	0	1	28
	22:00	0	11	9	0	0	0	0	0	8	0	0	0	0	0	28
	22:15	0	10	8	2	0	0	0	0	4	0	0	0	0	0	24
	22:30	0	6	11	0	1	0	0	0	1	0	0	0	0	0	19
	22:45	0	10	5	0	1	0	0	0	5	0	0	0	0	0	21

	(AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
Date	Time															
04/11/11	23:00	0	6	8	0	0	0	0	0	2	0	0	0	0	0	16
Mon	23:15	0	4	2	0	0	0	0	0	2	1	0	0	1	0	10
	23:30	0	6	6	0	2	0	0	0	4	0	0	0	0	0	18
	23:45	1	2	9	1	1	0	0	1	3	2	1	0	1	0	22
Daily Total :		18	947	749	32	38	23	0	12	228	31	1	6	28	5	2118
	Percent :	1%	45%	35%	2%	2%	1%	0%	1%	11%	1%	0%	0%	1%	0%	
	Average :	0	25	20	1	1	1	0	0	6	1	0	0	1	0	56

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	2	4	0	0	0	0	0	3	0	0	0	1	0	10
Tue	00:15	0	3	1	0	0	0	0	0	2	1	0	1	0	0	8
	00:30	0	3	2	0	0	0	0	0	1	1	0	0	0	0	7
	00:45	0	6	0	0	0	0	0	0	2	0	1	0	1	0	10
	01:00	0	2	1	0	0	0	0	0	5	0	0	0	0	0	8
	01:15	0	5	0	0	0	0	0	1	4	1	0	0	0	0	11
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	1	3	0	0	0	0	1	2	0	0	0	0	0	7
	02:00	0	1	2	0	0	0	0	0	3	0	0	0	0	0	6
	02:15	0	4	3	0	0	0	0	0	2	0	0	0	1	0	10
	02:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	02:45	0	0	1	0	0	0	0	0	5	0	0	0	1	0	7
	03:00	0	0	1	0	1	0	0	0	3	0	0	0	0	0	5
	03:15	0	3	1	0	1	0	0	0	1	0	0	0	0	0	6
	03:30	0	4	0	0	0	0	0	0	2	0	0	0	0	0	6
	03:45	0	3	4	0	0	0	0	0	2	0	0	0	0	0	9
	04:00	0	7	3	0	0	0	0	0	2	0	0	0	0	0	12
	04:15	0	4	5	0	0	0	0	0	6	1	0	0	2	0	18
	04:30	0	3	6	0	0	0	0	0	4	0	0	0	0	0	13
	04:45	0	10	9	0	0	0	0	0	3	0	0	0	0	0	22
	05:00	0	11	5	0	0	0	0	0	5	0	0	0	0	0	21
	05:15	1	9	10	0	0	1	0	0	6	0	0	0	5	0	32
	05:30	0	21	14	0	0	0	0	1	4	1	0	2	3	0	46
	05:45	0	19	21	0	1	0	0	0	4	0	0	0	1	0	46
	06:00	0	27	14	1	0	0	0	0	10	0	0	0	1	0	53
	06:15	0	26	21	0	1	1	0	0	13	1	0	0	3	0	66
	06:30	0	49	34	0	1	0	0	1	4	0	0	0	3	0	92
	06:45	0	35	21	0	0	0	0	1	7	0	0	0	3	0	67
	07:00	1	41	40	1	1	0	0	1	9	0	0	0	3	0	97
	07:15	0	39	53	2	0	1	0	0	8	1	0	0	4	0	108
	07:30	1	54	38	1	1	1	0	0	14	3	1	1	5	0	120
	07:45	1	49	39	0	2	2	0	0	10	1	0	0	3	0	107
	08:00	0	35	31	2	4	1	0	2	16	1	1	0	4	0	97
	08:15	0	35	29	0	0	0	0	0	11	0	0	0	2	0	77
	08:30	0	39	28	0	2	1	0	1	8	0	0	0	2	0	81
	08:45	0	31	36	0	1	2	0	0	11	2	0	0	6	0	89
	09:00	0	35	24	0	0	1	0	1	9	1	0	1	3	0	75
	09:15	0	33	19	1	2	1	0	2	15	0	0	0	4	0	77
	09:30	0	25	21	2	1	1	0	0	8	0	0	0	0	0	58
	09:45	0	30	24	0	1	1	0	1	16	1	0	0	3	0	77
	10:00	1	33	24	0	1	2	0	0	7	2	0	0	1	0	71
	10:15	0	36	28	0	0	1	2	3	8	2	0	0	2	0	82
	10:30	0	21	27	0	1	0	0	0	17	1	0	0	6	2	75
	10:45	0	33	25	0	2	2	0	0	10	2	0	0	0	0	74
	11:00	0	34	35	0	1	1	0	1	12	1	0	0	2	0	87
	11:15	1	25	26	0	2	2	0	0	15	2	0	1	2	1	77
	11:30	0	34	31	0	0	0	0	0	14	1	0	0	1	0	81
	11:45	0	31	30	0	0	3	0	1	7	1	0	0	3	2	78
	12:00	0	23	23	2	0	4	0	1	10	3	0	0	1	0	67
	12:15	0	35	29	2	1	0	0	2	10	0	0	0	1	0	80

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	42	21	0	1	1	0	1	12	1	0	0	6	0	85
Tue	12:45	0	32	23	0	3	2	0	0	15	0	0	0	2	0	77
	13:00	0	22	32	1	2	2	0	2	11	1	0	0	1	0	74
	13:15	1	36	30	0	0	3	0	0	17	4	0	0	1	2	94
	13:30	0	38	25	0	1	1	1	2	8	1	0	0	1	0	78
	13:45	0	32	32	1	2	1	0	2	11	1	0	0	3	0	85
	14:00	0	35	29	2	3	2	0	1	13	1	0	0	0	0	86
	14:15	0	33	24	1	2	1	1	1	12	2	0	0	2	1	80
	14:30	0	41	22	3	1	1	0	3	14	3	0	0	3	0	91
	14:45	0	28	24	0	2	3	0	1	9	2	0	0	2	0	71
	15:00	0	28	21	0	3	4	0	3	11	4	0	0	1	1	76
	15:15	0	28	35	0	1	0	0	1	9	1	0	1	1	0	77
	15:30	1	44	30	7	1	1	1	0	10	1	0	0	0	0	96
	15:45	1	36	17	4	2	2	0	0	11	1	0	0	2	0	76
	16:00	0	44	24	2	0	2	0	1	12	1	1	1	1	0	89
	16:15	0	45	32	1	2	0	0	1	7	0	0	0	1	0	89
	16:30	1	38	34	1	0	1	0	0	9	1	0	0	4	0	89
	16:45	1	37	35	1	0	1	0	0	11	2	0	0	1	0	89
	17:00	0	45	38	0	1	1	0	1	17	1	0	0	2	0	106
	17:15	0	46	36	0	2	2	0	0	10	2	0	0	1	0	99
	17:30	0	45	33	1	1	1	0	0	7	1	0	0	0	0	89
	17:45	2	45	34	0	1	0	0	0	6	1	0	0	1	0	90
	18:00	0	38	30	1	1	0	0	0	8	0	0	1	2	0	81
	18:15	0	34	34	0	0	0	0	1	8	0	0	0	3	0	80
	18:30	0	32	27	0	1	0	0	1	4	1	0	0	1	0	67
	18:45	0	19	26	0	1	3	0	0	6	1	0	0	1	0	57
	19:00	0	24	18	0	1	0	0	1	5	0	0	0	1	0	50
	19:15	0	30	19	2	0	0	0	0	6	1	0	0	1	0	59
	19:30	0	28	15	1	0	0	0	0	9	0	0	0	0	0	53
	19:45	0	21	18	0	0	0	0	1	9	0	0	0	1	0	50
	20:00	0	21	9	1	1	0	0	1	4	0	0	0	0	1	38
	20:15	0	20	10	2	0	0	0	0	11	0	0	0	0	0	43
	20:30	0	15	9	0	1	0	0	0	7	0	0	2	0	0	34
	20:45	0	25	9	0	0	0	0	1	8	0	0	0	0	0	43
	21:00	0	20	6	0	0	0	0	1	6	0	0	0	0	0	33
	21:15	0	14	20	0	0	0	0	0	3	0	0	1	1	0	39
	21:30	0	11	11	1	0	0	0	0	1	0	0	1	2	0	27
	21:45	0	16	6	0	1	0	0	0	6	0	0	0	0	0	29
	22:00	0	9	12	1	0	0	0	0	6	0	0	0	0	0	28
	22:15	1	10	9	0	0	0	0	0	3	0	0	0	0	0	23
	22:30	0	11	10	0	2	0	0	0	6	0	0	0	0	0	29
	22:45	0	11	6	0	0	0	0	0	3	0	0	0	1	0	21
	23:00	0	6	5	0	0	0	0	0	6	0	0	0	0	0	17
	23:15	0	9	2	0	0	0	0	0	2	0	0	0	1	0	14
	23:30	0	9	4	0	0	0	0	0	7	0	0	0	0	0	20
	23:45	0	5	3	1	0	0	0	0	1	1	1	0	0	1	13
Daily Total :		14	2267	1795	49	68	64	5	48	729	67	5	13	134	11	5269
Percent :		0%	43%	34%	1%	1%	1%	0%	1%	14%	1%	0%	0%	3%	0%	
Average :		0	24	19	1	1	1	0	1	8	1	0	0	1	0	57

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	4	4	0	0	0	0	1	0	0	0	1	0	0	10
Wed	00:15	0	4	5	0	0	0	0	0	3	1	0	1	0	0	14
	00:30	0	5	3	0	0	0	0	0	2	1	0	0	0	0	11
	00:45	0	2	3	0	0	1	0	0	0	0	0	0	0	0	6
	01:00	0	6	2	0	0	0	0	0	2	1	0	0	0	0	11
	01:15	0	1	4	0	0	0	0	0	4	0	0	0	1	0	10
	01:30	0	4	1	0	0	0	0	1	2	0	0	0	1	0	9
	01:45	0	2	2	0	0	0	0	0	4	0	0	0	0	0	8
	02:00	0	1	4	0	0	1	0	0	1	0	0	0	0	0	7
	02:15	0	2	0	0	0	0	0	0	3	1	0	0	1	0	7
	02:30	0	1	1	0	1	0	0	0	3	0	0	0	0	0	6
	02:45	0	0	1	0	0	0	0	0	3	0	0	0	0	0	4
	03:00	0	1	1	0	0	0	0	1	5	0	0	0	0	0	8
	03:15	0	2	1	0	0	0	0	0	8	0	0	0	1	0	12
	03:30	0	3	2	0	0	0	0	0	7	1	0	0	0	0	13
	03:45	0	4	4	0	0	0	0	0	4	0	0	0	2	0	14
	04:00	0	4	5	0	0	0	0	0	5	0	1	0	1	0	16
	04:15	0	8	3	0	0	0	0	0	3	0	0	0	0	0	14
	04:30	0	6	6	0	0	0	0	0	4	0	0	0	0	0	16
	04:45	0	9	7	0	0	0	0	0	9	0	0	0	1	0	26
	05:00	0	7	7	0	1	0	0	0	3	1	0	0	2	0	21
	05:15	0	10	3	0	1	0	0	1	7	0	0	0	2	0	24
	05:30	0	20	9	0	0	0	0	0	9	0	0	0	0	1	39
	05:45	0	21	20	1	0	0	0	0	4	0	0	0	1	0	47
	06:00	0	23	10	1	0	1	0	0	6	0	0	0	5	0	46
	06:15	0	27	19	0	0	0	0	0	3	1	0	0	3	0	53
	06:30	1	41	29	2	1	1	0	2	5	1	1	0	3	0	87
	06:45	0	43	34	0	0	2	0	0	10	1	0	0	5	0	95
	07:00	0	46	33	1	0	0	0	0	10	1	0	0	3	1	95
	07:15	0	52	44	2	0	0	0	1	8	0	0	0	3	0	110
	07:30	0	65	38	1	1	0	0	0	16	3	0	1	0	0	125
	07:45	2	64	25	3	1	1	0	0	13	1	0	0	2	0	112
	08:00	1	41	30	0	2	1	0	1	10	0	0	0	2	0	88
	08:15	0	30	32	3	1	0	0	0	7	1	1	0	2	0	77
	08:30	0	36	26	2	0	2	0	0	11	3	1	0	4	1	86
	08:45	0	26	18	1	1	1	0	0	10	2	0	0	3	0	62
	09:00	0	32	25	0	1	0	0	2	16	0	0	0	2	0	78
	09:15	0	41	28	0	1	1	0	2	5	2	0	1	9	1	91
	09:30	0	40	34	1	2	1	0	1	13	0	0	0	2	0	94
	09:45	0	33	32	1	0	2	0	0	11	3	0	0	1	0	83
	10:00	1	30	33	2	1	1	0	1	10	4	0	0	3	0	86
	10:15	0	34	32	0	0	1	0	2	10	1	0	0	4	1	85
	10:30	0	27	35	1	1	2	0	0	14	4	0	0	1	0	85
	10:45	0	43	30	0	2	1	0	0	17	0	0	0	1	0	94
	11:00	0	35	29	0	1	3	0	0	9	2	0	1	0	0	80
	11:15	1	33	32	0	1	2	0	0	11	2	0	0	1	0	83
	11:30	0	29	26	1	1	1	0	0	20	3	0	0	2	1	84
	11:45	1	36	25	1	0	1	0	0	12	3	0	0	0	0	79
	12:00	0	21	27	1	1	1	0	0	18	1	0	0	2	1	73
	12:15	0	32	32	1	4	0	0	0	9	2	0	0	1	2	83

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	1	38	24	0	0	1	0	0	13	2	0	0	1	0	80
Wed	12:45	0	32	32	1	1	0	1	0	18	2	0	0	2	0	89
	13:00	0	29	23	1	0	0	0	1	12	2	0	1	3	0	72
	13:15	0	40	24	1	1	1	0	0	10	3	0	0	3	0	83
	13:30	1	33	29	0	1	1	0	2	10	3	0	0	1	0	81
	13:45	0	37	26	1	1	2	0	0	12	2	0	1	2	0	84
	14:00	0	42	32	1	0	1	1	0	7	3	0	0	0	0	87
	14:15	0	39	35	0	1	1	0	1	11	2	0	0	2	1	93
	14:30	0	31	30	0	0	1	0	2	11	4	0	0	0	1	80
	14:45	0	27	29	0	2	1	1	0	12	1	0	0	2	0	75
	15:00	0	33	33	0	1	5	0	2	10	0	0	0	1	0	85
	15:15	1	39	31	1	2	0	0	3	12	4	0	0	1	0	94
	15:30	0	29	20	7	2	2	0	2	14	1	0	1	1	0	79
	15:45	1	49	39	3	3	0	0	1	10	2	0	0	1	0	109
	16:00	0	33	30	2	1	2	0	1	9	1	0	0	0	0	79
	16:15	0	43	16	2	2	1	0	0	12	1	0	0	1	0	78
	16:30	0	45	44	0	1	1	0	1	12	1	0	0	1	0	106
	16:45	0	41	27	1	3	1	0	0	10	1	0	0	1	0	85
	17:00	0	50	39	0	2	0	0	0	9	2	0	0	0	0	102
	17:15	0	50	33	0	1	2	0	0	13	1	0	0	4	1	105
	17:30	0	46	38	2	1	1	0	2	17	1	0	0	2	0	110
	17:45	0	32	36	0	1	0	0	0	11	1	0	1	2	0	84
	18:00	0	37	32	1	2	2	0	0	5	0	0	0	0	0	79
	18:15	0	44	33	0	0	0	0	0	11	1	0	0	2	0	91
	18:30	0	29	26	0	0	1	0	0	8	0	0	1	0	0	65
	18:45	0	30	23	0	0	1	0	2	11	0	0	0	1	0	68
	19:00	0	26	19	1	0	0	0	1	7	0	0	0	1	1	56
	19:15	0	21	24	0	1	0	0	1	11	1	0	0	1	1	61
	19:30	0	21	12	0	1	0	0	0	5	2	0	0	0	0	41
	19:45	0	19	10	0	0	0	0	0	7	0	0	0	2	0	38
	20:00	0	12	21	0	1	0	0	1	7	2	0	0	0	0	44
	20:15	0	18	11	0	1	0	0	2	8	2	0	0	1	0	43
	20:30	0	8	13	0	0	0	0	0	8	0	0	1	2	0	32
	20:45	1	27	13	0	1	0	0	1	5	0	0	1	0	0	49
	21:00	0	16	10	0	1	0	0	1	5	0	0	0	1	0	34
	21:15	0	14	11	0	0	0	0	1	6	0	0	0	0	1	33
	21:30	0	17	12	1	1	0	0	2	5	0	0	1	0	1	40
	21:45	0	10	5	0	0	0	0	1	6	0	0	1	0	0	23
	22:00	0	8	9	1	0	0	0	1	3	0	0	1	3	0	26
	22:15	0	15	1	0	0	0	0	2	6	0	0	0	1	0	25
	22:30	0	13	4	0	0	1	0	0	2	0	0	0	0	0	20
	22:45	0	6	7	0	1	0	0	3	1	0	0	0	1	0	19
	23:00	0	6	4	0	2	0	0	0	2	1	0	0	0	0	15
	23:15	0	0	2	0	1	0	0	0	1	0	0	0	0	0	4
	23:30	0	5	5	0	0	0	0	1	0	0	0	0	0	0	11
	23:45	0	3	4	1	0	0	0	1	6	0	0	0	1	0	16
Daily Total :		12	2330	1837	54	66	57	3	55	770	96	4	15	125	16	5440
Percent :		0%	43%	34%	1%	1%	1%	0%	1%	14%	2%	0%	0%	2%	0%	
Average :		0	24	19	1	1	1	0	1	8	1	0	0	1	0	57

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	7	4	0	0	0	0	0	2	1	1	1	1	0	17
Thu	00:15	0	3	1	0	0	0	0	0	5	0	0	0	0	0	9
	00:30	0	6	1	0	1	0	0	1	4	0	0	0	0	0	13
	00:45	0	4	3	0	0	0	0	1	1	0	0	1	1	0	11
	01:00	0	0	1	1	0	0	0	0	2	0	0	0	0	1	5
	01:15	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	01:30	0	5	5	0	1	0	0	0	2	0	0	0	0	0	13
	01:45	0	3	2	0	0	1	0	1	2	0	0	0	0	1	10
	02:00	0	1	1	0	0	0	0	0	3	2	0	0	1	0	8
	02:15	0	0	1	0	0	0	0	0	3	0	0	0	0	1	5
	02:30	0	0	2	0	0	0	0	0	2	0	0	0	0	0	4
	02:45	0	4	3	0	1	0	0	0	2	0	0	0	1	0	11
	03:00	0	0	2	0	1	0	0	0	3	0	0	0	1	0	7
	03:15	0	3	0	0	1	0	0	0	3	0	0	0	0	0	7
	03:30	0	1	1	0	2	0	0	1	6	0	0	0	1	1	13
	03:45	0	3	3	0	1	0	0	0	3	0	0	0	0	0	10
	04:00	0	4	1	0	0	0	0	0	4	0	0	0	1	0	10
	04:15	0	4	4	0	0	0	0	0	2	0	0	0	0	0	10
	04:30	0	8	1	0	0	0	0	1	2	0	0	0	3	0	15
	04:45	0	7	12	0	0	0	0	0	3	0	0	0	1	0	23
	05:00	0	8	1	0	3	0	0	1	4	0	0	0	1	0	18
	05:15	1	15	9	0	0	0	1	2	10	0	0	0	1	0	39
	05:30	0	22	13	0	1	0	0	1	6	0	0	0	1	0	44
	05:45	0	12	18	0	2	0	0	1	7	0	0	0	0	0	40
	06:00	0	23	13	1	1	0	0	0	6	0	0	1	2	0	47
	06:15	0	34	25	0	2	0	0	0	7	0	1	0	4	0	73
	06:30	0	37	32	0	2	0	0	0	10	1	0	0	2	0	84
	06:45	0	43	27	0	1	0	0	1	3	0	0	0	3	0	78
	07:00	0	40	34	0	2	1	0	1	9	0	1	0	3	0	91
	07:15	0	42	34	1	3	0	0	1	8	0	1	0	1	1	92
	07:30	1	66	33	0	0	0	0	2	5	1	0	0	3	0	111
	07:45	0	47	30	0	1	0	0	1	8	2	0	0	2	1	92
	08:00	0	47	27	0	0	0	0	1	9	1	1	0	2	0	88
	08:15	0	29	28	4	4	4	0	2	6	1	0	0	2	0	80
	08:30	0	39	26	1	0	2	0	3	11	2	0	0	1	0	85
	08:45	0	27	27	0	1	2	0	1	10	3	0	0	2	0	73
	09:00	0	18	24	0	1	1	0	3	12	1	0	0	3	2	65
	09:15	0	27	22	0	1	1	0	1	8	1	0	0	1	2	64
	09:30	0	40	31	1	0	0	0	4	6	2	0	0	2	0	86
	09:45	0	48	35	0	2	0	0	0	7	1	0	0	2	0	95
	10:00	0	26	29	0	3	1	0	1	5	1	0	0	3	1	70
	10:15	1	21	30	0	2	0	0	0	13	0	0	0	0	0	67
	10:30	0	37	20	0	0	0	0	2	5	4	0	0	5	1	74
	10:45	0	36	25	0	2	0	0	5	11	0	0	0	2	0	81
	11:00	0	37	28	1	1	0	0	0	8	1	0	0	6	1	83
	11:15	0	33	30	0	3	0	0	1	9	0	0	0	1	1	78
	11:30	0	43	25	0	3	0	0	1	8	3	0	0	5	0	88
	11:45	0	36	35	1	2	0	0	0	4	1	0	0	2	1	82
	12:00	0	35	31	0	0	1	0	1	9	1	0	0	1	1	80
	12:15	0	38	21	1	4	1	0	1	8	0	0	1	2	0	77

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	12:30	0	25	29	1	6	1	0	3	9	1	0	0	2	0	77
Thu	12:45	0	33	29	0	0	0	0	1	13	2	0	0	1	0	79
	13:00	0	33	26	0	2	2	0	0	7	0	0	0	5	0	75
	13:15	0	40	28	0	0	3	0	0	10	0	0	0	0	1	82
	13:30	0	33	27	0	5	2	0	2	11	1	0	0	2	0	83
	13:45	0	38	28	0	2	2	0	0	6	1	1	0	3	0	81
	14:00	0	26	34	1	1	0	0	0	9	1	0	0	2	3	77
	14:15	0	25	37	0	0	1	0	0	11	2	0	0	1	0	77
	14:30	0	37	30	0	0	3	0	1	12	2	0	0	1	1	87
	14:45	0	27	34	2	0	0	0	0	8	0	0	0	5	1	77
	15:00	0	33	28	1	3	3	1	0	10	0	0	1	1	0	81
	15:15	0	39	38	1	4	1	0	1	9	2	0	1	0	0	96
	15:30	0	42	27	6	3	3	0	0	7	2	0	0	0	0	90
	15:45	1	53	29	4	0	1	0	3	10	0	0	0	3	0	104
	16:00	0	43	27	2	0	0	0	1	11	3	0	0	2	0	89
	16:15	0	43	32	2	1	0	0	0	8	2	0	0	1	0	89
	16:30	1	50	32	1	0	0	1	0	10	1	0	0	5	0	101
	16:45	1	45	36	1	1	1	0	1	9	0	0	0	2	0	97
	17:00	0	48	46	0	1	1	0	0	8	0	0	0	0	0	104
	17:15	0	50	41	0	1	1	0	0	10	2	0	0	0	1	106
	17:30	0	45	37	0	0	0	0	0	9	1	0	0	3	0	95
	17:45	0	45	40	1	0	0	0	0	9	0	0	0	1	0	96
	18:00	1	41	32	0	0	0	0	1	6	0	0	1	0	0	82
	18:15	1	42	32	0	0	0	0	2	9	0	0	0	0	0	86
	18:30	0	37	22	0	0	0	0	1	13	4	0	0	0	0	77
	18:45	0	32	20	1	0	0	0	0	6	0	0	0	1	0	60
	19:00	0	34	24	0	1	0	0	0	2	0	0	0	2	0	63
	19:15	0	25	19	0	1	0	0	1	5	0	0	0	0	0	51
	19:30	0	26	20	0	0	0	0	0	4	0	0	0	0	0	50
	19:45	0	22	24	1	0	1	0	0	5	1	0	0	1	1	56
	20:00	0	20	10	2	0	0	0	0	3	0	0	0	1	0	36
	20:15	0	20	18	1	1	0	0	0	9	0	0	0	0	0	49
	20:30	0	19	15	0	0	1	0	1	2	0	0	2	0	0	40
	20:45	0	21	13	0	1	0	0	1	1	0	0	1	2	0	40
	21:00	0	18	19	0	0	0	0	0	2	1	0	0	1	0	41
	21:15	0	13	13	0	0	0	0	0	5	0	1	0	0	0	32
	21:30	0	13	9	0	0	0	0	0	3	0	0	1	0	0	26
	21:45	0	14	7	1	1	0	0	0	3	0	0	1	3	0	30
	22:00	0	11	9	1	2	0	0	0	4	0	0	0	0	0	27
	22:15	0	16	14	1	0	0	0	1	4	1	0	0	0	0	37
	22:30	0	10	7	0	0	0	0	0	1	0	0	0	0	0	18
	22:45	0	12	5	0	0	0	0	1	4	0	0	0	0	0	22
	23:00	0	7	5	0	0	0	0	0	3	0	0	0	1	0	16
	23:15	0	9	5	1	1	0	0	0	2	0	0	2	0	0	20
	23:30	0	4	1	0	0	0	0	0	5	0	0	0	0	0	10
	23:45	0	7	6	0	0	0	0	0	0	0	1	0	0	0	14
Daily Total :		8	2398	1877	44	93	42	3	65	593	60	8	14	128	24	5357
Percent :		0%	45%	35%	1%	2%	1%	0%	1%	11%	1%	0%	0%	2%	0%	
Average :		0	25	20	0	1	0	0	1	6	1	0	0	1	0	55

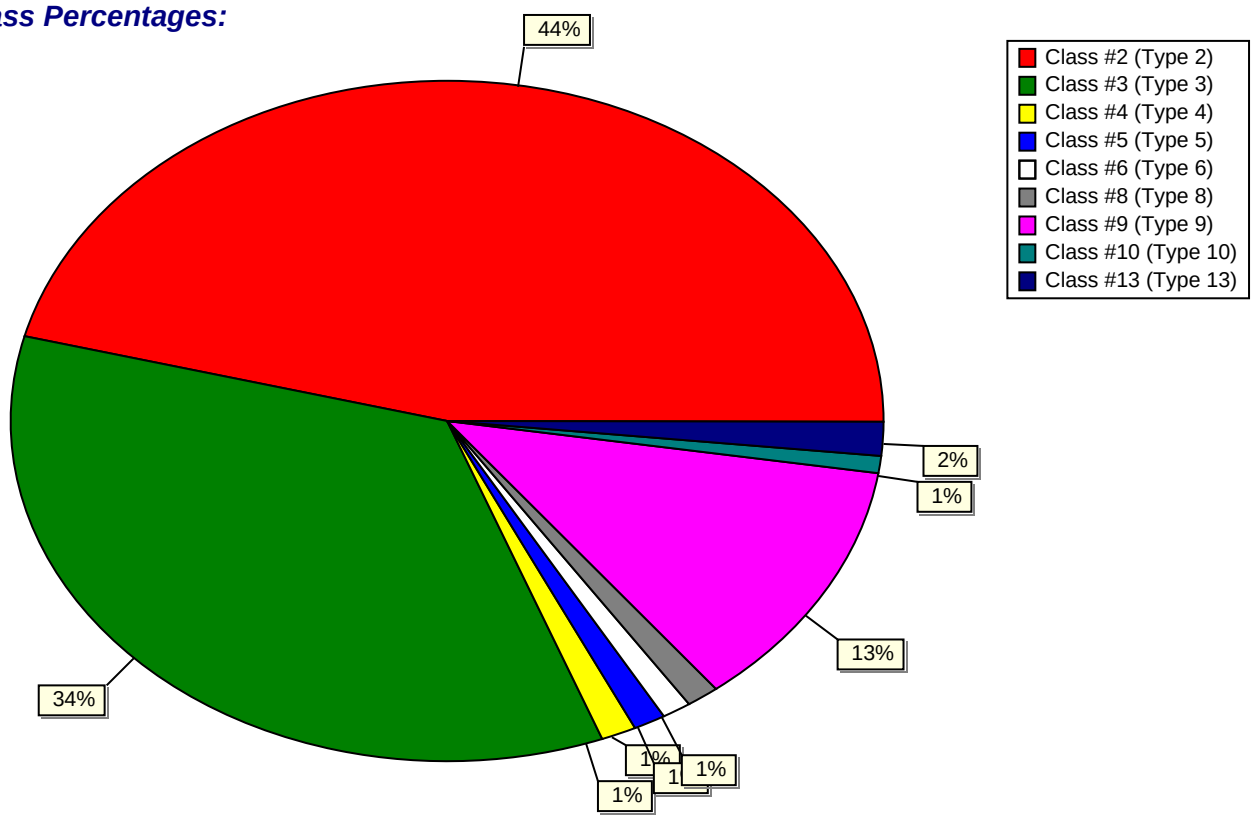
Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/15/11	00:00	0	6	3	1	0	0	0	1	1	1	0	0	0	0	13
Fri	00:15	0	7	6	1	0	0	0	0	1	1	0	1	1	0	18
	00:30	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
	00:45	0	0	1	0	0	0	0	0	2	0	0	0	0	0	3
	01:00	0	1	1	0	0	0	0	0	2	0	0	0	0	0	4
	01:15	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	01:30	0	4	2	0	0	0	0	1	1	1	0	0	0	0	9
	01:45	0	3	2	0	0	0	0	1	0	0	0	0	0	0	6
	02:00	0	0	1	0	0	0	0	0	1	0	0	0	0	1	3
	02:15	0	1	0	0	0	0	0	1	2	0	0	0	0	0	4
	02:30	0	1	0	0	0	0	0	0	5	0	0	0	1	0	7
	02:45	0	0	2	0	0	0	0	0	3	0	0	0	1	0	6
	03:00	0	1	1	0	0	0	0	0	2	1	0	0	0	0	5
	03:15	0	6	4	0	0	0	0	0	1	0	0	0	0	0	11
	03:30	0	4	2	0	0	0	0	0	2	0	0	0	0	0	8
	03:45	0	4	3	0	0	0	0	0	2	0	0	0	0	0	9
	04:00	0	0	4	0	0	0	0	0	4	0	0	0	2	0	10
	04:15	0	6	3	0	0	0	0	0	1	0	1	0	1	0	12
	04:30	0	5	6	0	0	0	0	0	2	0	0	0	1	0	14
	04:45	0	9	10	1	0	0	0	0	3	0	0	0	2	0	25
	05:00	1	8	4	0	0	0	0	0	3	0	0	1	1	0	18
	05:15	0	11	7	0	0	1	0	0	0	1	0	0	3	0	23
	05:30	0	20	14	0	0	0	0	0	2	0	0	0	1	0	37
	05:45	0	17	9	1	0	0	0	1	3	0	0	1	0	0	32
	06:00	0	24	17	0	0	0	0	0	1	0	0	0	2	0	44
	06:15	0	26	15	0	2	0	0	1	7	1	0	0	1	1	54
Daily Total :		1	171	119	4	2	1	0	6	53	6	1	3	17	2	386
Percent :		0%	44%	31%	1%	1%	0%	0%	2%	14%	2%	0%	1%	4%	1%	
Average :		0	7	5	0	0	0	0	0	2	0	0	0	1	0	15

Basic Axle Class Summary: 4D0000656

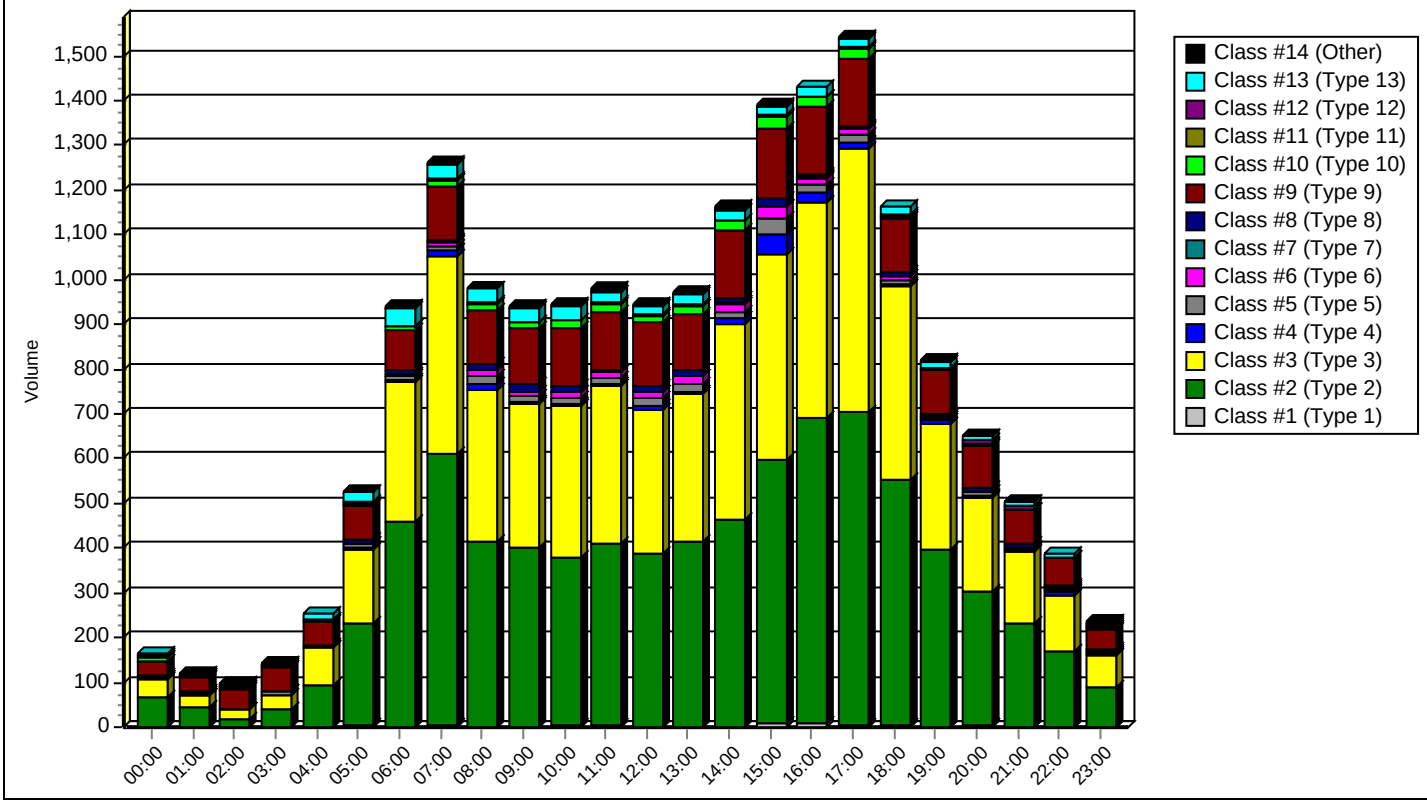
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	53	8113	6377	183	267	187	11	186	2373	260	19	51	432	58	18570
		53	8113	6377	183	267	187	11	186	2373	260	19	51	432	58	18570
Percents :	#1.	0%	44%	34%	1%	1%	1%	0%	1%	13%	1%	0%	0%	2%	0%	100%
		0%	44%	34%	1%	1%	1%	0%	1%	13%	1%	0%	0%	2%	0%	
Average :	#1.	0	23	18	1	1	1	0	1	7	1	0	0	1	0	54
		0	23	18	1	1	1	0	1	7	1	0	0	1	0	54
Days & ADT :	#1.	3.6	5064													
		3.6	5064													

4D0000656 Axle Class Charts For Data From: 14:30 - 04/11/2011 To: 06:44 - 04/15/2011

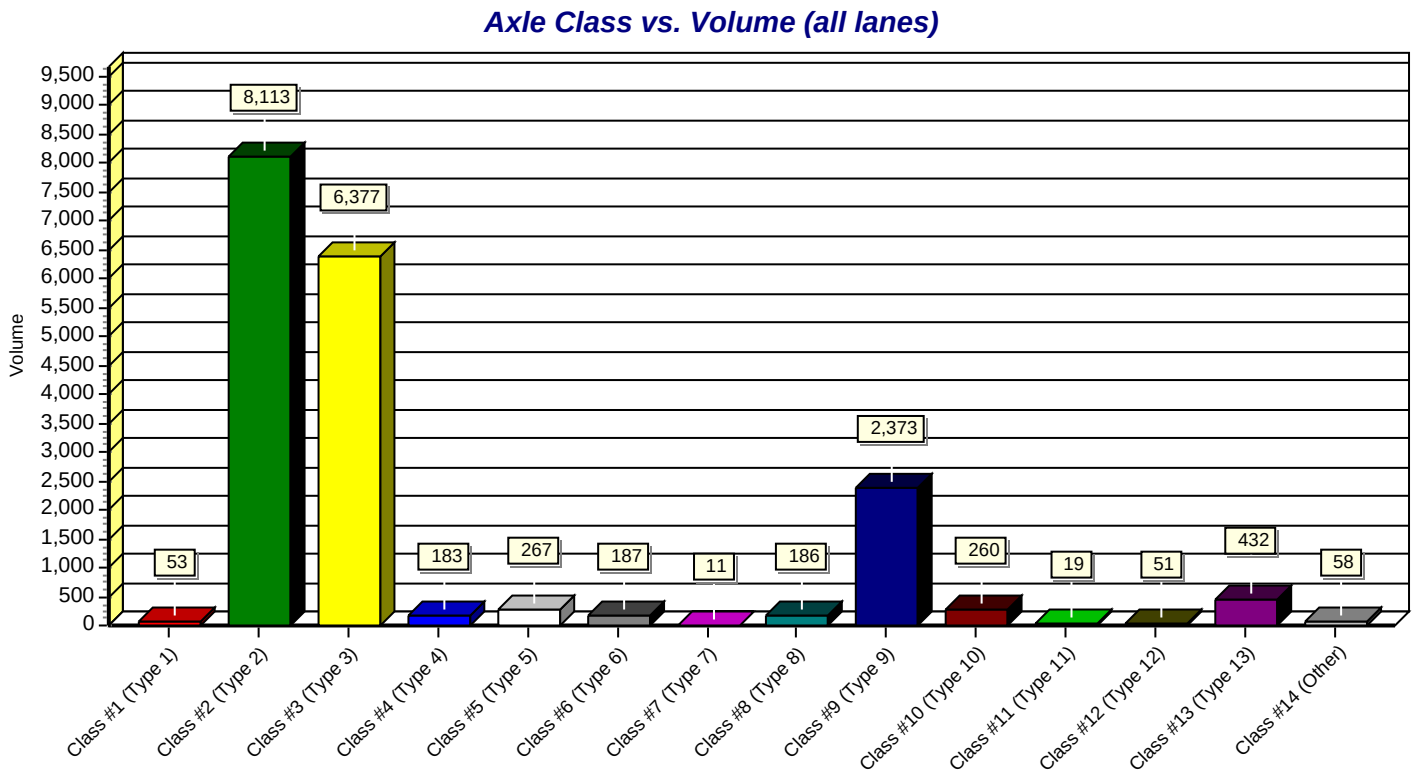
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0000656 Axle Class Charts For Data From: 14:30 - 04/11/2011 To: 06:44 - 04/15/2011



Basic Speed Classification Report: 4D0000656

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 14:30 - 04/11/2011 To: 06:44 - 04/15/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	14:30	1	0	0	0	0	0	0	2	10	32	39	10	1	0	0	0	95
Mon	14:45	0	0	0	0	0	0	0	0	8	20	49	9	1	1	0	0	88
	15:00	0	0	0	0	0	0	0	1	2	19	47	4	0	1	0	0	74
	15:15	0	0	0	0	0	0	0	0	5	19	39	14	1	0	0	0	78
	15:30	0	0	0	0	0	0	0	2	9	13	47	18	3	0	0	0	92
	15:45	0	0	0	0	0	0	0	1	4	27	34	15	2	0	0	0	83
	16:00	0	0	0	0	0	0	0	1	1	19	54	16	0	1	0	0	92
	16:15	0	0	0	0	0	0	0	0	5	13	40	12	2	0	0	0	72
	16:30	0	0	0	0	0	0	0	2	1	21	57	25	3	1	0	0	110
	16:45	0	0	0	0	0	0	0	0	2	18	42	15	1	0	0	0	78
	17:00	0	0	1	0	0	0	0	0	4	16	57	14	3	0	0	0	95
	17:15	0	0	0	0	0	0	0	0	6	20	54	18	1	0	0	0	99
	17:30	0	0	0	0	0	0	0	0	5	30	39	19	5	0	0	0	98
	17:45	0	0	0	0	0	0	0	0	1	19	30	11	3	1	0	0	65
	18:00	1	0	0	0	0	0	1	1	2	7	37	24	3	0	0	0	76
	18:15	0	0	0	0	0	0	0	0	1	8	36	11	4	0	0	0	60
	18:30	0	0	0	0	0	0	0	0	2	6	37	15	5	0	0	0	65
	18:45	0	0	0	0	0	0	0	0	2	6	37	15	8	0	0	0	68
	19:00	0	0	0	0	0	0	0	0	3	13	32	8	2	0	0	0	58
	19:15	0	0	0	0	0	0	0	0	1	12	31	11	1	0	1	0	57
	19:30	0	0	0	0	0	0	0	0	0	9	18	10	2	0	0	0	39
	19:45	0	0	0	0	0	0	0	0	3	7	20	5	2	0	0	0	37
	20:00	0	0	0	0	0	0	0	0	3	7	22	5	0	0	0	0	37
	20:15	0	0	0	0	0	0	0	0	0	11	20	10	3	0	0	0	44
	20:30	0	0	0	0	0	0	0	1	3	7	24	6	1	0	0	0	42
	20:45	0	0	0	0	0	0	0	2	1	12	10	13	1	0	0	0	39
	21:00	0	0	0	0	0	0	0	0	5	12	9	1	0	0	0	0	27
	21:15	0	0	0	0	0	0	0	0	4	15	13	1	1	0	0	0	34
	21:30	0	0	0	0	0	0	0	0	2	12	16	0	0	0	0	0	30
	21:45	0	0	0	0	0	0	0	0	2	6	14	5	1	0	0	0	28
	22:00	0	0	0	0	0	0	0	2	4	11	9	0	1	1	0	0	28
	22:15	0	0	0	0	0	0	1	0	0	6	11	6	0	0	0	0	24
	22:30	0	0	0	0	0	0	1	0	1	9	5	1	2	0	0	0	19
	22:45	0	0	0	0	0	0	0	0	3	4	10	3	1	0	0	0	21
	23:00	0	0	0	0	0	0	0	1	1	2	8	4	0	0	0	0	16
	23:15	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	0	10
	23:30	0	0	0	0	0	0	0	1	2	6	7	2	0	0	0	0	18
	23:45	0	0	0	0	0	0	0	1	2	7	10	2	0	0	0	0	22

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	1	0	0	0	3	18	110	485	1070	358	64	6	1	0	2118
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	5%	23%	51%	17%	3%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	3	13	28	9	2	0	0	0	54

Speeds - Average: 66.8 50% : 67.1 67% : 68.8 85% : 71.7 10mph Pace: 60.1 - 70.0 (73.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	1	1	7	0	0	1	0	0	10
Tue	00:15	0	0	0	0	0	0	0	0	2	1	4	0	1	0	0	0	8
	00:30	0	0	0	0	0	0	1	0	0	3	2	1	0	0	0	0	7
	00:45	0	0	0	0	0	0	0	0	1	5	3	1	0	0	0	0	10
	01:00	0	0	0	0	0	0	0	0	0	5	2	1	0	0	0	0	8
	01:15	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	0	11
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	1	0	5	0	0	1	0	0	7
	02:00	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	6
	02:15	0	0	0	0	0	0	1	1	2	3	3	0	0	0	0	0	10
	02:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	02:45	0	0	0	0	0	1	0	0	2	2	2	0	0	0	0	0	7
	03:00	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	5
	03:15	0	0	0	0	0	0	0	0	1	2	3	0	0	0	0	0	6
	03:30	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	6
	03:45	0	0	0	0	0	0	1	0	0	2	3	1	2	0	0	0	9
	04:00	0	0	0	0	0	0	0	0	1	7	4	0	0	0	0	0	12
	04:15	0	0	0	0	0	0	1	0	4	3	9	1	0	0	0	0	18
	04:30	0	0	0	0	0	0	0	0	2	5	6	0	0	0	0	0	13
	04:45	0	0	0	0	0	0	0	1	5	3	10	3	0	0	0	0	22
	05:00	0	0	0	0	0	0	0	0	2	8	8	1	2	0	0	0	21
	05:15	0	0	0	0	0	0	0	0	4	8	13	6	1	0	0	0	32
	05:30	0	0	0	0	0	0	0	0	4	16	19	5	2	0	0	0	46
	05:45	0	0	0	0	0	0	0	0	3	10	21	9	1	2	0	0	46
	06:00	0	0	0	0	0	0	0	0	7	19	18	7	1	1	0	0	53
	06:15	0	0	0	0	0	0	0	0	3	19	36	8	0	0	0	0	66
	06:30	0	0	0	0	0	0	1	1	2	19	48	20	0	1	0	0	92
	06:45	0	0	0	0	0	0	0	1	4	16	29	16	1	0	0	0	67
	07:00	0	0	0	0	0	0	0	0	4	29	46	16	2	0	0	0	97
	07:15	0	0	0	0	0	0	0	0	4	31	56	16	1	0	0	0	108
	07:30	0	0	1	0	0	0	0	0	10	25	65	16	0	2	1	0	120
	07:45	0	0	0	0	0	0	0	0	4	28	59	14	2	0	0	0	107
	08:00	0	0	0	0	0	0	0	0	3	20	66	6	1	1	0	0	97
	08:15	0	0	0	0	0	0	0	0	3	18	41	15	0	0	0	0	77
	08:30	0	0	0	0	0	0	0	0	5	31	33	10	2	0	0	0	81
	08:45	0	0	0	0	0	0	0	0	8	37	38	5	1	0	0	0	89
	09:00	0	0	0	0	0	0	0	0	3	32	34	5	1	0	0	0	75
	09:15	0	0	0	0	0	0	0	1	6	17	47	5	1	0	0	0	77
	09:30	1	0	0	0	0	0	0	1	8	19	25	3	1	0	0	0	58
	09:45	0	0	0	0	0	0	0	2	2	44	23	4	2	0	0	0	77
	10:00	0	0	0	0	0	2	1	0	4	23	31	10	0	0	0	0	71
	10:15	0	0	0	0	0	0	1	1	2	34	38	6	0	0	0	0	82
	10:30	0	0	0	0	0	0	1	2	1	28	39	4	0	0	0	0	75
	10:45	0	0	0	0	0	0	0	0	2	30	35	6	0	1	0	0	74
	11:00	0	0	0	0	0	0	0	1	2	26	44	10	4	0	0	0	87
	11:15	0	0	0	0	0	0	1	0	9	22	44	1	0	0	0	0	77
	11:30	0	0	0	0	0	0	0	1	4	27	39	9	1	0	0	0	81
	11:45	0	0	0	0	0	0	0	0	4	21	40	13	0	0	0	0	78
	12:00	0	0	0	0	0	0	0	0	5	17	34	9	2	0	0	0	67
	12:15	0	0	0	0	0	0	2	0	9	26	39	4	0	0	0	0	80

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	8	32	37	7	1	0	0	0	85
Tue	12:45	0	0	0	0	0	0	0	1	4	30	32	8	1	1	0	0	77
	13:00	0	0	0	0	0	0	0	1	2	24	40	6	1	0	0	0	74
	13:15	0	0	0	0	0	0	0	0	13	36	33	10	2	0	0	0	94
	13:30	1	0	0	0	0	0	0	1	7	28	36	4	1	0	0	0	78
	13:45	0	0	0	0	0	0	0	0	4	29	43	9	0	0	0	0	85
	14:00	0	0	0	0	0	0	0	0	1	31	43	9	2	0	0	0	86
	14:15	0	0	0	0	0	0	0	1	9	25	37	8	0	0	0	0	80
	14:30	0	0	0	0	0	0	0	0	4	23	54	8	2	0	0	0	91
	14:45	0	0	0	0	0	0	0	1	2	16	34	16	1	1	0	0	71
	15:00	0	0	0	0	0	0	0	1	3	25	41	6	0	0	0	0	76
	15:15	0	0	0	0	0	0	0	0	6	28	35	7	1	0	0	0	77
	15:30	0	0	0	0	0	0	0	0	14	26	46	7	1	2	0	0	96
	15:45	0	0	0	0	0	0	0	1	5	27	37	6	0	0	0	0	76
	16:00	0	0	0	0	0	0	0	0	3	22	57	7	0	0	0	0	89
	16:15	0	0	0	0	0	0	0	0	4	24	47	13	1	0	0	0	89
	16:30	0	0	0	0	0	0	0	2	3	15	52	16	0	1	0	0	89
	16:45	0	0	0	0	0	0	0	0	7	17	53	9	3	0	0	0	89
	17:00	0	0	0	0	0	0	0	0	3	41	54	8	0	0	0	0	106
	17:15	0	0	1	0	0	0	0	0	4	35	47	11	1	0	0	0	99
	17:30	0	0	0	0	0	0	0	2	3	20	49	13	2	0	0	0	89
	17:45	0	0	0	0	0	0	1	0	1	28	44	15	1	0	0	0	90
	18:00	0	0	0	0	0	0	0	1	1	16	52	10	1	0	0	0	81
	18:15	1	0	0	0	0	0	0	0	4	29	35	8	3	0	0	0	80
	18:30	0	0	0	0	0	0	0	2	2	17	35	8	2	1	0	0	67
	18:45	0	0	0	0	0	0	0	0	5	16	30	6	0	0	0	0	57
	19:00	0	0	0	0	0	0	0	0	3	16	27	4	0	0	0	0	50
	19:15	0	0	0	0	0	0	0	0	3	19	30	7	0	0	0	0	59
	19:30	0	0	0	0	0	0	0	0	5	12	32	3	1	0	0	0	53
	19:45	0	0	0	0	0	0	0	0	4	18	23	4	1	0	0	0	50
	20:00	0	0	0	0	0	0	0	0	2	15	18	3	0	0	0	0	38
	20:15	0	0	0	0	0	0	0	0	3	17	23	0	0	0	0	0	43
	20:30	0	0	0	0	0	0	0	1	4	10	16	3	0	0	0	0	34
	20:45	0	0	0	0	0	0	1	1	4	17	17	2	1	0	0	0	43
	21:00	0	0	0	0	0	0	0	0	5	12	14	2	0	0	0	0	33
	21:15	0	0	0	0	0	0	0	2	2	19	15	1	0	0	0	0	39
	21:30	0	0	0	0	0	0	0	2	1	11	9	3	1	0	0	0	27
	21:45	0	0	0	0	0	0	0	1	2	11	12	3	0	0	0	0	29
	22:00	0	0	0	0	0	0	0	1	2	12	12	1	0	0	0	0	28
	22:15	0	0	0	0	0	0	0	0	2	6	13	2	0	0	0	0	23
	22:30	0	0	0	0	0	0	0	1	6	9	8	5	0	0	0	0	29
	22:45	0	0	0	0	0	0	0	1	2	5	9	4	0	0	0	0	21
	23:00	0	0	0	0	0	0	0	0	1	9	7	0	0	0	0	0	17
	23:15	0	0	0	0	0	0	0	1	1	8	4	0	0	0	0	0	14
	23:30	0	0	0	0	0	0	0	0	4	9	7	0	0	0	0	0	20
	23:45	0	0	0	0	0	0	1	0	1	5	4	2	0	0	0	0	13

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	0	2	0	0	3	14	38	332	1652	2591	553	64	16	1	0	5269
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	6%	31%	49%	10%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	3	17	27	6	1	0	0	0	55

Speeds - Average: 65.7 50% : 66.2 67% : 67.9 85% : 69.8 10mph Pace: 60.1 - 70.0 (80.5%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	1	5	3	1	0	0	0	0	10
Wed	00:15	0	0	0	0	0	0	0	0	1	4	6	3	0	0	0	0	14
	00:30	0	0	0	0	0	0	0	2	0	3	6	0	0	0	0	0	11
	00:45	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	6
	01:00	0	0	0	0	0	0	0	0	1	1	6	3	0	0	0	0	11
	01:15	0	0	0	0	0	0	0	2	0	2	5	0	0	1	0	0	10
	01:30	0	0	0	0	0	0	0	0	1	4	4	0	0	0	0	0	9
	01:45	0	0	0	0	0	0	0	1	1	1	5	0	0	0	0	0	8
	02:00	0	0	0	0	0	0	0	1	2	2	2	0	0	0	0	0	7
	02:15	0	0	0	0	0	1	0	0	0	1	5	0	0	0	0	0	7
	02:30	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	0	6
	02:45	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
	03:00	0	0	0	0	0	0	0	1	1	0	5	1	0	0	0	0	8
	03:15	0	0	0	0	0	0	0	0	3	3	6	0	0	0	0	0	12
	03:30	0	0	0	0	0	0	0	0	3	4	6	0	0	0	0	0	13
	03:45	0	0	0	0	0	0	0	1	1	4	6	1	1	0	0	0	14
	04:00	0	0	0	0	0	0	0	0	1	3	10	1	1	0	0	0	16
	04:15	0	0	0	0	0	0	0	0	4	2	6	2	0	0	0	0	14
	04:30	0	0	0	0	0	0	0	0	2	6	6	2	0	0	0	0	16
	04:45	0	0	0	0	0	0	0	0	1	6	14	2	2	1	0	0	26
	05:00	0	0	0	0	0	0	1	3	3	4	7	2	1	0	0	0	21
	05:15	0	0	0	0	0	0	0	0	5	7	10	2	0	0	0	0	24
	05:30	0	0	0	0	0	0	0	1	3	7	19	8	1	0	0	0	39
	05:45	0	0	0	0	0	0	0	1	1	10	24	7	3	1	0	0	47
	06:00	0	0	0	0	0	0	1	0	5	11	24	4	1	0	0	0	46
	06:15	0	0	0	0	0	0	0	1	6	13	27	5	1	0	0	0	53
	06:30	0	0	0	0	0	0	0	1	5	25	37	14	5	0	0	0	87
	06:45	0	0	0	0	0	0	0	0	4	19	54	16	1	1	0	0	95
	07:00	0	0	0	0	0	0	0	1	3	29	49	11	2	0	0	0	95
	07:15	0	0	0	0	0	0	0	2	5	24	58	16	5	0	0	0	110
	07:30	0	0	0	0	0	0	0	1	4	33	67	16	4	0	0	0	125
	07:45	1	0	0	0	0	0	0	0	6	28	63	14	0	0	0	0	112
	08:00	1	0	0	0	0	0	0	0	4	33	42	7	1	0	0	0	88
	08:15	0	0	0	0	0	0	0	0	5	19	41	11	1	0	0	0	77
	08:30	0	0	0	0	0	0	0	4	5	29	37	10	1	0	0	0	86
	08:45	0	0	0	0	0	0	0	0	2	16	39	5	0	0	0	0	62
	09:00	0	0	0	0	0	0	0	2	2	25	40	8	1	0	0	0	78
	09:15	0	0	0	0	0	0	0	2	10	30	42	4	3	0	0	0	91
	09:30	0	0	0	0	0	0	0	0	10	26	47	11	0	0	0	0	94
	09:45	0	0	0	0	0	0	0	0	5	32	41	5	0	0	0	0	83
	10:00	0	0	0	0	0	0	1	0	7	36	34	7	1	0	0	0	86
	10:15	0	0	0	0	0	0	0	1	4	23	46	8	3	0	0	0	85
	10:30	0	0	0	0	0	0	1	0	5	16	54	9	0	0	0	0	85
	10:45	0	0	0	0	0	0	0	0	4	28	49	13	0	0	0	0	94
	11:00	0	0	0	0	0	0	0	0	3	23	44	8	2	0	0	0	80
	11:15	0	0	0	0	0	0	0	0	5	22	43	9	3	1	0	0	83
	11:30	0	0	0	0	0	0	0	1	7	40	31	5	0	0	0	0	84
	11:45	0	0	0	0	0	0	0	0	6	32	35	6	0	0	0	0	79
	12:00	0	0	0	0	0	0	0	0	4	27	37	4	1	0	0	0	73
	12:15	0	0	0	0	0	0	0	0	5	23	40	11	3	1	0	0	83

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	6	28	35	10	0	1	0	0	80
Wed	12:45	0	0	0	0	0	0	0	0	5	34	38	10	2	0	0	0	89
	13:00	0	0	0	0	0	0	0	0	5	26	32	7	1	1	0	0	72
	13:15	0	0	0	0	0	0	0	1	6	17	49	7	3	0	0	0	83
	13:30	0	0	0	0	0	0	0	1	5	21	44	9	1	0	0	0	81
	13:45	0	0	0	0	0	0	0	0	3	33	40	7	1	0	0	0	84
	14:00	0	0	0	0	0	0	0	0	5	26	47	8	1	0	0	0	87
	14:15	0	0	0	0	0	0	0	0	1	24	55	11	2	0	0	0	93
	14:30	0	0	0	0	0	0	0	2	6	17	42	12	1	0	0	0	80
	14:45	0	0	0	0	0	0	0	0	2	22	39	9	3	0	0	0	75
	15:00	0	0	0	0	0	0	0	0	5	25	47	5	3	0	0	0	85
	15:15	0	0	0	0	0	0	0	1	6	27	47	12	1	0	0	0	94
	15:30	0	0	0	0	0	0	0	2	9	25	36	6	1	0	0	0	79
	15:45	0	0	0	0	0	0	0	1	11	32	43	21	1	0	0	0	109
	16:00	1	0	0	0	0	0	0	0	5	32	34	7	0	0	0	0	79
	16:15	1	0	0	0	0	0	0	3	10	24	32	6	2	0	0	0	78
	16:30	0	0	0	0	0	0	0	0	7	26	54	17	1	1	0	0	106
	16:45	0	0	0	0	0	0	0	0	8	19	44	13	1	0	0	0	85
	17:00	0	0	0	0	0	0	0	0	6	36	48	9	3	0	0	0	102
	17:15	0	0	0	0	0	0	0	0	5	30	54	13	2	1	0	0	105
	17:30	0	0	0	0	0	0	0	0	3	37	58	9	3	0	0	0	110
	17:45	0	0	0	0	0	0	0	0	2	30	35	13	4	0	0	0	84
	18:00	0	0	0	0	0	0	0	0	5	21	38	12	3	0	0	0	79
	18:15	0	0	0	0	0	0	0	0	4	27	48	12	0	0	0	0	91
	18:30	0	0	0	0	0	0	0	1	5	17	36	5	1	0	0	0	65
	18:45	0	0	0	0	0	0	0	3	5	20	33	6	1	0	0	0	68
	19:00	0	0	0	0	0	0	0	0	2	12	36	6	0	0	0	0	56
	19:15	0	0	0	0	0	0	0	1	1	21	28	8	1	1	0	0	61
	19:30	0	0	0	0	0	0	0	0	1	15	18	5	2	0	0	0	41
	19:45	0	0	0	0	0	0	0	0	3	15	18	2	0	0	0	0	38
	20:00	0	0	0	0	0	0	0	2	4	17	17	4	0	0	0	0	44
	20:15	0	0	0	0	0	0	0	1	12	17	12	1	0	0	0	0	43
	20:30	0	0	0	0	0	0	0	2	2	14	12	1	1	0	0	0	32
	20:45	1	0	0	0	0	0	1	2	5	21	14	4	1	0	0	0	49
	21:00	0	0	0	0	0	0	0	1	1	13	13	5	1	0	0	0	34
	21:15	0	0	0	0	0	0	0	0	4	11	15	1	1	1	0	0	33
	21:30	0	0	0	0	0	0	0	1	3	19	14	3	0	0	0	0	40
	21:45	0	0	0	0	0	1	0	1	5	8	8	0	0	0	0	0	23
	22:00	0	0	0	0	0	0	0	5	4	10	7	0	0	0	0	0	26
	22:15	0	0	0	0	0	0	0	1	3	14	7	0	0	0	0	0	25
	22:30	0	0	0	0	0	0	0	2	3	4	9	2	0	0	0	0	20
	22:45	0	0	0	0	0	0	0	0	3	4	9	3	0	0	0	0	19
	23:00	0	0	0	0	0	0	0	0	3	3	7	2	0	0	0	0	15
	23:15	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	23:30	0	0	0	0	0	0	0	0	0	3	6	2	0	0	0	0	11
	23:45	0	0	0	0	0	0	0	1	4	4	6	1	0	0	0	0	16

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		5	0	0	0	0	2	5	64	370	1651	2656	578	97	12	0	0	5440
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	7%	30%	49%	11%	2%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	1	4	17	28	6	1	0	0	0	54

Speeds - Average: 65.7 50% : 66.2 67% : 68.0 85% : 69.8 10mph Pace: 60.1 - 70.0 (79.2%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	2	7	4	2	2	0	0	0	17
Thu	00:15	0	0	0	0	0	0	1	0	0	4	4	0	0	0	0	0	9
	00:30	0	0	0	0	0	0	0	0	3	5	4	0	1	0	0	0	13
	00:45	0	0	0	0	0	0	0	3	2	1	4	0	1	0	0	0	11
	01:00	0	0	0	0	0	0	0	1	1	1	2	0	0	0	0	0	5
	01:15	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	0	5
	01:30	0	0	0	0	0	0	0	1	0	3	4	2	3	0	0	0	13
	01:45	0	0	0	0	0	0	0	0	3	2	5	0	0	0	0	0	10
	02:00	0	0	0	0	0	0	0	0	1	2	5	0	0	0	0	0	8
	02:15	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	5
	02:30	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	0	4
	02:45	0	0	0	0	0	0	0	1	1	5	2	1	1	0	0	0	11
	03:00	0	0	0	0	0	0	0	3	0	2	2	0	0	0	0	0	7
	03:15	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	7
	03:30	0	0	0	0	0	0	0	2	1	5	4	1	0	0	0	0	13
	03:45	0	0	0	0	0	0	0	1	1	3	4	1	0	0	0	0	10
	04:00	0	0	0	0	0	0	0	1	0	3	5	1	0	0	0	0	10
	04:15	0	0	0	0	0	0	0	2	2	4	2	0	0	0	0	0	10
	04:30	0	0	0	0	0	0	1	2	3	6	3	0	0	0	0	0	15
	04:45	0	0	0	0	0	1	0	1	4	4	12	1	0	0	0	0	23
	05:00	0	0	0	0	0	0	1	0	5	6	5	1	0	0	0	0	18
	05:15	0	0	0	0	0	0	0	2	9	14	12	2	0	0	0	0	39
	05:30	0	0	0	0	0	0	0	2	7	17	14	4	0	0	0	0	44
	05:45	0	0	0	0	0	0	0	3	4	17	10	5	0	1	0	0	40
	06:00	0	0	0	0	0	0	0	4	13	11	17	1	1	0	0	0	47
	06:15	0	0	0	0	0	0	0	3	11	32	23	2	0	2	0	0	73
	06:30	0	0	0	0	0	0	0	1	4	27	40	12	0	0	0	0	84
	06:45	0	0	0	0	0	0	0	2	6	18	37	14	1	0	0	0	78
	07:00	0	0	0	0	0	0	0	2	5	27	41	16	0	0	0	0	91
	07:15	0	0	0	0	0	0	0	0	6	33	47	4	2	0	0	0	92
	07:30	0	0	0	0	0	0	0	0	10	24	57	16	3	1	0	0	111
	07:45	0	0	0	0	0	0	0	0	2	29	40	19	1	0	1	0	92
	08:00	0	0	0	0	0	0	0	0	7	25	43	12	1	0	0	0	88
	08:15	0	0	0	0	0	0	0	1	10	22	37	6	3	1	0	0	80
	08:30	0	0	0	0	0	0	0	0	8	40	33	3	1	0	0	0	85
	08:45	0	0	0	0	0	0	0	1	8	24	32	8	0	0	0	0	73
	09:00	0	0	0	0	0	0	0	1	2	32	28	1	1	0	0	0	65
	09:15	0	0	0	0	0	0	0	0	7	15	35	4	3	0	0	0	64
	09:30	0	0	0	0	1	0	0	0	5	30	43	7	0	0	0	0	86
	09:45	0	0	0	0	0	2	2	2	13	29	38	9	0	0	0	0	95
	10:00	0	0	0	0	0	0	0	3	4	18	30	11	4	0	0	0	70
	10:15	1	0	0	0	0	0	0	0	2	29	26	7	2	0	0	0	67
	10:30	0	0	0	0	0	0	0	0	3	27	39	5	0	0	0	0	74
	10:45	0	1	0	0	0	0	0	1	6	17	46	9	1	0	0	0	81
	11:00	0	0	0	0	0	0	0	0	4	26	38	13	2	0	0	0	83
	11:15	0	0	0	0	0	0	0	1	7	23	34	11	2	0	0	0	78
	11:30	0	0	0	0	0	0	0	2	7	26	43	7	2	1	0	0	88
	11:45	0	0	0	0	0	0	0	0	6	16	43	15	2	0	0	0	82
	12:00	0	0	0	0	0	0	0	2	4	13	43	15	2	1	0	0	80
	12:15	0	0	0	0	0	0	2	2	2	18	40	10	3	0	0	0	77

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	12:30	0	0	0	0	0	1	0	1	2	24	36	10	2	0	1	0	77
Thu	12:45	0	0	0	0	0	0	0	0	3	26	43	2	5	0	0	0	79
	13:00	0	0	0	0	0	0	0	1	4	26	31	10	2	1	0	0	75
	13:15	0	0	0	0	0	0	0	2	4	30	36	10	0	0	0	0	82
	13:30	0	0	0	0	0	0	0	3	8	28	32	9	3	0	0	0	83
	13:45	0	0	0	0	0	0	0	0	3	23	42	12	1	0	0	0	81
	14:00	0	0	0	0	0	0	0	2	6	24	41	2	2	0	0	0	77
	14:15	0	0	0	0	0	0	0	1	6	22	38	10	0	0	0	0	77
	14:30	0	0	0	0	0	0	0	1	2	31	45	6	2	0	0	0	87
	14:45	0	1	0	0	0	0	0	0	3	29	40	4	0	0	0	0	77
	15:00	0	0	0	0	0	0	0	0	5	31	35	8	2	0	0	0	81
	15:15	0	0	0	0	0	0	0	2	6	34	44	9	1	0	0	0	96
	15:30	0	0	0	0	0	0	0	2	6	40	34	8	0	0	0	0	90
	15:45	0	0	0	0	0	0	0	0	9	42	44	8	1	0	0	0	104
	16:00	0	0	0	0	0	0	0	0	5	36	38	6	3	1	0	0	89
	16:15	0	0	0	0	0	0	0	0	5	34	44	5	1	0	0	0	89
	16:30	0	0	0	0	0	0	0	1	6	19	63	10	2	0	0	0	101
	16:45	0	0	1	0	0	0	0	0	2	22	54	18	0	0	0	0	97
	17:00	1	0	0	0	0	0	0	1	8	29	54	11	0	0	0	0	104
	17:15	0	0	0	0	0	0	0	0	6	31	53	14	2	0	0	0	106
	17:30	0	0	0	0	0	0	0	1	3	25	42	21	3	0	0	0	95
	17:45	0	0	0	0	0	0	0	0	4	19	61	9	2	0	1	0	96
	18:00	0	0	0	0	0	0	0	0	2	18	38	18	6	0	0	0	82
	18:15	0	0	0	0	0	0	0	0	1	19	49	14	3	0	0	0	86
	18:30	0	0	0	0	0	0	0	0	4	19	34	15	4	1	0	0	77
	18:45	0	0	0	0	0	0	0	1	3	13	32	7	4	0	0	0	60
	19:00	0	0	0	0	0	0	0	3	4	11	34	11	0	0	0	0	63
	19:15	0	0	0	0	0	0	1	0	3	15	25	6	1	0	0	0	51
	19:30	0	0	0	0	0	0	0	1	0	13	26	10	0	0	0	0	50
	19:45	0	0	0	0	0	0	0	0	4	20	26	5	1	0	0	0	56
	20:00	0	0	0	0	0	0	1	0	2	9	16	6	1	0	1	0	36
	20:15	0	0	0	0	0	0	0	0	7	16	25	0	1	0	0	0	49
	20:30	0	0	0	0	1	0	0	0	8	12	18	1	0	0	0	0	40
	20:45	0	0	0	0	0	1	0	1	10	12	14	2	0	0	0	0	40
	21:00	0	0	0	0	0	0	0	0	6	20	13	2	0	0	0	0	41
	21:15	0	0	0	0	0	0	0	0	1	19	8	2	0	2	0	0	32
	21:30	0	0	0	0	0	0	0	1	5	7	11	2	0	0	0	0	26
	21:45	0	0	0	0	0	0	2	2	5	10	10	1	0	0	0	0	30
	22:00	0	0	0	0	0	0	0	0	1	11	13	2	0	0	0	0	27
	22:15	0	0	0	0	0	0	0	2	7	10	18	0	0	0	0	0	37
	22:30	0	0	0	0	0	0	0	0	2	4	10	2	0	0	0	0	18
	22:45	0	0	0	0	0	0	0	2	2	4	13	1	0	0	0	0	22
	23:00	0	0	0	0	0	0	0	0	2	3	10	1	0	0	0	0	16
	23:15	0	0	0	0	0	0	0	1	0	7	11	1	0	0	0	0	20
	23:30	0	0	0	0	0	0	0	0	0	3	7	0	0	0	0	0	10
	23:45	0	0	0	0	0	0	1	0	1	7	2	1	2	0	0	0	14

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	2	1	0	2	5	12	86	399	1657	2501	571	102	12	5	0	5357
Percent :		0%	0%	0%	0%	0%	0%	0%	2%	7%	31%	47%	11%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	4	17	26	6	1	0	0	0	57

Speeds - Average: 65.6 50% : 66.1 67% : 67.9 85% : 69.8 10mph Pace: 60.1 - 70.0 (77.6%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/15/11	00:00	0	0	0	0	0	0	1	0	2	6	3	1	0	0	0	0	13
Fri	00:15	0	0	0	0	0	0	0	1	4	3	9	0	1	0	0	0	18
	00:30	0	0	0	0	0	0	0	1	1	4	1	0	0	0	0	0	7
	00:45	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	3
	01:00	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	4
	01:15	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
	01:30	0	0	0	0	0	0	0	0	0	2	7	0	0	0	0	0	9
	01:45	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	6
	02:00	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	3
	02:15	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	4
	02:30	0	0	0	0	0	0	0	0	1	3	3	0	0	0	0	0	7
	02:45	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
	03:00	0	0	0	0	0	0	0	0	0	4	0	0	1	0	0	0	5
	03:15	0	0	0	0	0	0	0	0	1	5	1	4	0	0	0	0	11
	03:30	0	0	0	0	0	0	0	0	2	3	2	1	0	0	0	0	8
	03:45	0	0	0	0	0	0	0	1	1	3	4	0	0	0	0	0	9
	04:00	0	0	0	0	0	0	0	0	1	5	3	0	1	0	0	0	10
	04:15	0	0	0	0	0	0	0	0	2	4	6	0	0	0	0	0	12
	04:30	0	0	0	0	0	0	0	1	2	3	5	3	0	0	0	0	14
	04:45	0	0	0	0	0	0	0	0	1	6	15	3	0	0	0	0	25
	05:00	0	0	0	0	0	0	0	0	2	5	7	4	0	0	0	0	18
	05:15	0	0	0	0	0	0	0	1	0	7	14	1	0	0	0	0	23
	05:30	0	0	0	0	0	0	0	0	1	13	18	4	1	0	0	0	37
	05:45	0	0	0	0	0	0	0	0	3	6	18	4	0	0	1	0	32
	06:00	0	0	0	0	0	0	0	1	6	13	18	6	0	0	0	0	44
	06:15	0	0	0	0	0	0	0	1	4	14	27	7	0	1	0	0	54
Daily Total :		0	0	0	0	0	0	1	7	40	115	177	39	5	1	1	0	386
Percent :		0%	0%	0%	0%	0%	0%	0%	2%	10%	30%	46%	10%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	2	4	7	2	0	0	0	0	55

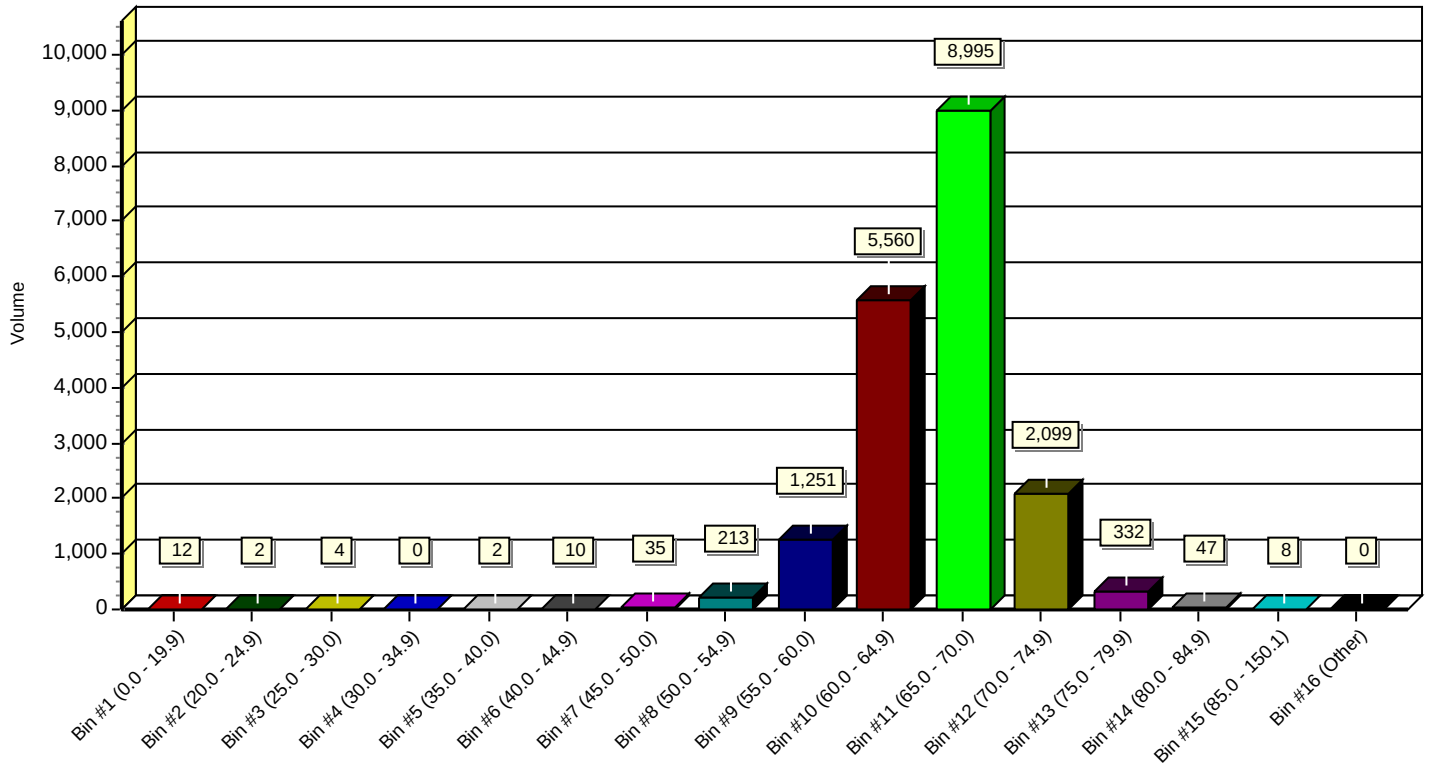
Speeds - Average: 65.4 50% : 65.9 67% : 67.7 85% : 69.7 10mph Pace: 60.1 - 70.0 (75.6%)

Basic Speed Class Summary: 4D0000656

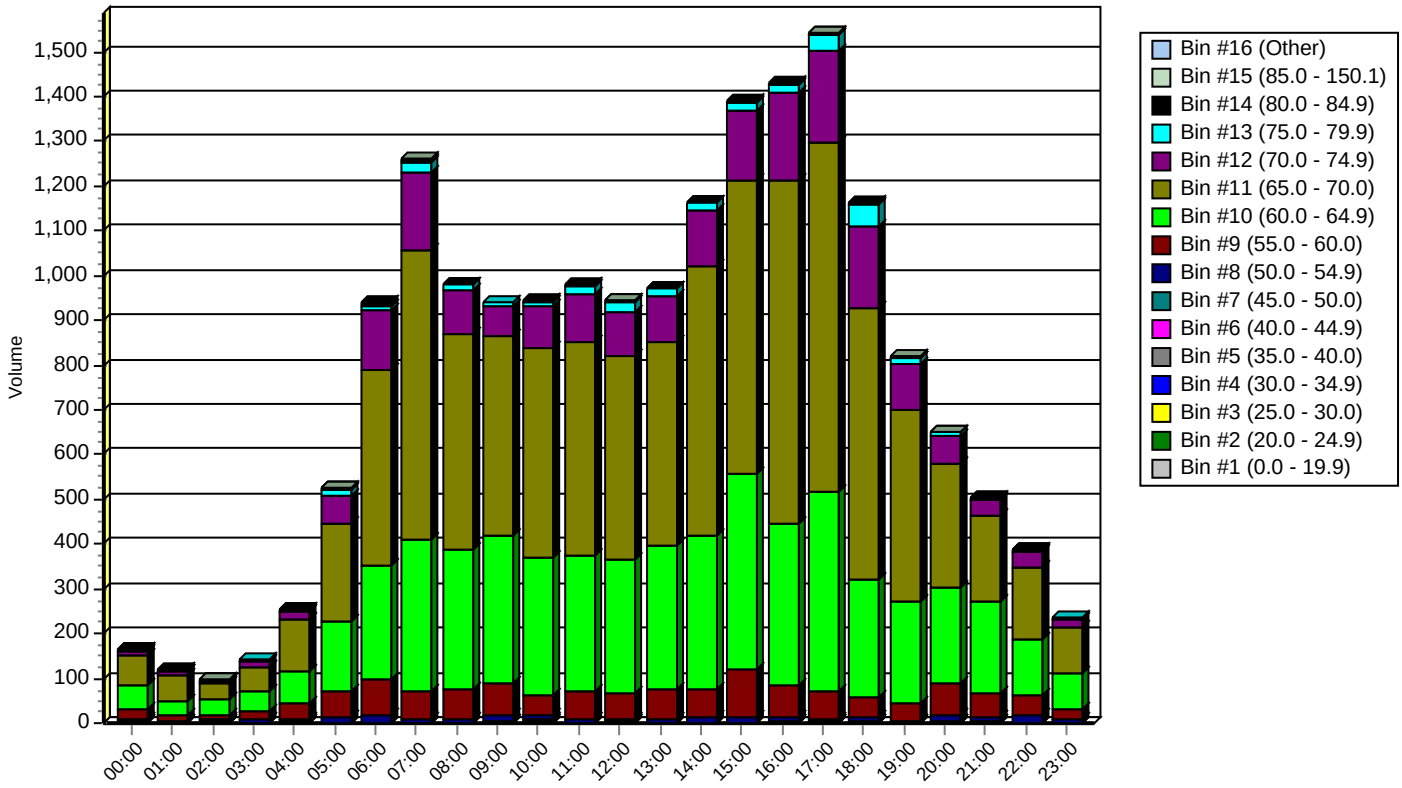
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	12	2	4	0	2	10	35	213	1251	5560	8995	2099	332	47	8	0	18570
		12	2	4	0	2	10	35	213	1251	5560	8995	2099	332	47	8	0	18570
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	7%	30%	48%	11%	2%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	7%	30%	48%	11%	2%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	1	4	16	26	6	1	0	0	0	54
		0	0	0	0	0	0	0	1	4	16	26	6	1	0	0	0	54
Days & ADT :	#1.	3.6	5064															
		3.6	5064															
Avg,50,67,85%:	#1.	65.8	66.2	68.0	69.9	60.1	- 70.0	78%										
		65.8	66.2	68.0	69.9	60.1	- 70.0	78%										

4D0000656 Speed Class Charts For Data From: 14:30 - 04/11/2011 To: 06:44 - 04/15/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0000656

Station ID : 4P0000656
Info Line 1 : 90994520
Info Line 2 : I90 LOCKWD INTC
GPS Lat/Lon :
DB File : 4P0000656.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 91390
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 14:30 - 04/11/2011 To: 06:44 - 04/15/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	14:30	0	9	8	0	0	0	0	0	0	0	0	0	0	0	17
Mon	14:45	0	7	10	0	0	0	0	0	1	0	0	1	0	0	19
	15:00	0	14	7	1	0	0	0	0	1	0	0	0	0	0	23
	15:15	0	8	4	0	0	0	0	1	2	0	0	0	0	0	15
	15:30	0	11	14	0	0	0	0	0	0	0	0	0	0	0	25
	15:45	1	8	11	0	0	1	0	0	0	0	0	0	2	0	23
	16:00	0	12	9	0	0	0	0	0	1	0	0	0	0	0	22
	16:15	0	13	9	0	0	0	0	0	1	0	0	0	1	0	24
	16:30	0	23	18	1	0	1	0	0	1	0	0	0	0	0	44
	16:45	0	17	13	0	0	0	0	0	0	2	0	0	0	0	32
	17:00	0	21	24	1	0	0	0	0	1	0	0	0	0	0	47
	17:15	0	23	16	0	1	0	0	0	1	0	0	0	0	0	41
	17:30	0	18	15	0	0	0	0	0	1	0	0	0	0	1	35
	17:45	1	6	8	0	0	0	0	0	0	0	0	0	0	0	15
	18:00	0	5	8	0	0	0	0	0	0	0	0	0	0	0	13
	18:15	0	8	6	0	0	0	0	0	0	0	0	0	0	0	14
	18:30	0	6	7	0	1	0	0	0	2	0	0	0	0	0	16
	18:45	0	7	3	0	0	0	0	0	0	0	0	0	1	0	11
	19:00	0	9	6	0	1	0	0	0	1	0	0	0	0	0	17
	19:15	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	19:30	1	5	6	0	0	0	0	0	1	0	0	0	0	0	13
	19:45	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	20:00	0	4	0	0	0	0	0	0	0	1	0	0	0	0	5
	20:15	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8
	20:30	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	20:45	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	21:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	21:30	0	3	1	0	0	0	0	0	0	0	0	1	0	0	5
	21:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	22:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	23:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Mon	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		3	263	226	4	3	2	0	1	15	3	0	2	4	1	527
	Percent :	1%	50%	43%	1%	1%	0%	0%	0%	3%	1%	0%	0%	1%	0%	
	Average :	0	7	6	0	0	0	0	0	0	0	0	0	0	0	13

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2
	05:00	0	0	1	0	0	0	0	0	2	0	0	0	0	0	3
	05:15	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	05:30	0	6	0	0	1	0	0	0	0	0	0	0	0	0	7
	05:45	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
	06:00	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	06:15	0	10	11	0	0	0	0	0	0	0	0	0	0	0	21
	06:30	1	19	23	0	2	0	0	1	0	0	0	0	0	0	46
	06:45	0	29	11	0	0	0	0	0	0	0	0	0	1	1	42
	07:00	0	36	13	0	0	0	0	0	1	0	0	0	0	0	50
	07:15	0	52	33	0	0	0	0	0	0	0	0	0	0	0	85
	07:30	0	76	50	1	0	0	0	0	0	0	0	0	0	0	127
	07:45	0	58	39	0	0	1	0	0	4	0	0	0	1	1	104
	08:00	0	26	15	1	0	0	0	0	0	0	0	0	0	0	42
	08:15	0	20	15	0	0	0	0	0	0	0	0	0	0	0	35
	08:30	0	22	8	0	0	0	0	0	2	0	0	0	0	0	32
	08:45	0	27	14	0	1	0	0	0	0	0	0	0	0	0	42
	09:00	0	4	5	0	0	1	0	0	3	0	0	0	0	0	13
	09:15	0	17	17	0	0	0	0	0	4	0	0	0	1	0	39
	09:30	0	26	9	0	0	0	0	0	1	1	0	0	1	0	38
	09:45	0	15	11	0	2	0	0	0	2	0	0	0	0	0	30
	10:00	0	9	10	0	2	0	0	1	1	0	0	0	0	0	23
	10:15	0	15	10	0	1	0	0	1	0	0	0	0	0	0	27
	10:30	0	5	14	0	1	1	0	0	0	1	0	0	0	0	22
	10:45	0	7	15	0	0	0	0	0	1	0	0	0	0	1	24
	11:00	0	14	13	0	0	0	0	0	2	0	0	0	0	0	29
	11:15	0	8	16	0	1	1	0	1	2	1	0	0	1	0	31
	11:30	0	9	7	0	0	0	0	0	1	0	0	0	0	0	17
	11:45	0	7	10	0	0	1	0	1	1	0	0	0	0	1	21
	12:00	0	10	9	0	1	0	0	0	0	0	0	0	0	0	20
	12:15	0	12	16	0	0	0	0	0	0	0	0	0	0	0	28

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	15	8	0	0	0	0	0	1	0	0	0	0	0	24
Tue	12:45	0	8	14	1	1	0	0	0	1	0	0	0	0	1	26
	13:00	0	7	12	0	0	0	0	0	0	0	0	0	0	0	19
	13:15	0	13	7	2	0	0	0	0	0	0	0	0	0	0	22
	13:30	1	16	5	0	1	0	0	1	2	0	0	0	0	0	26
	13:45	0	11	14	0	0	0	0	0	0	0	0	0	0	0	25
	14:00	0	12	6	0	0	0	0	0	2	0	0	0	1	0	21
	14:15	0	17	8	0	1	0	0	0	1	0	0	0	0	0	27
	14:30	0	10	8	0	0	0	0	0	5	0	0	0	0	0	23
	14:45	0	8	6	0	0	1	0	0	2	2	0	0	0	0	19
	15:00	0	3	14	0	0	1	0	0	0	0	0	0	0	0	18
	15:15	0	13	12	0	0	1	0	0	1	0	0	0	0	0	27
	15:30	0	19	10	2	1	1	0	1	4	0	0	0	1	0	39
	15:45	0	11	11	0	0	0	0	1	5	1	0	0	0	0	29
	16:00	0	24	8	0	0	0	0	1	1	0	0	0	0	0	34
	16:15	0	18	12	0	0	0	0	0	3	0	0	0	0	0	33
	16:30	0	18	10	0	0	1	1	0	0	0	0	0	0	0	30
	16:45	0	8	15	0	0	0	0	0	1	0	0	0	0	0	24
	17:00	0	23	20	0	0	0	0	0	0	0	0	0	0	0	43
	17:15	0	20	18	0	0	0	0	0	0	1	0	0	0	0	39
	17:30	0	16	16	1	0	0	0	0	0	0	0	0	0	0	33
	17:45	0	17	22	0	0	0	0	0	2	0	0	0	1	0	42
	18:00	0	11	11	0	1	1	0	0	0	0	0	0	0	0	24
	18:15	0	8	9	0	3	0	0	0	2	0	0	0	0	0	22
	18:30	0	17	11	0	0	0	0	0	0	0	0	0	1	0	29
	18:45	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
	19:00	0	4	6	0	0	0	0	0	0	0	0	0	0	0	10
	19:15	0	9	6	0	1	0	0	0	0	0	0	0	0	0	16
	19:30	0	5	6	0	0	0	0	0	0	0	0	0	2	0	13
	19:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	20:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	20:15	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	20:30	0	5	3	0	0	0	0	0	0	0	0	1	0	0	9
	20:45	0	2	3	0	0	0	0	0	1	0	0	0	0	0	6
	21:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	21:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	21:30	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	21:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	22:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Daily Total :		2	952	739	8	21	11	1	9	63	7	0	1	13	5	1832
Percent :		0%	52%	40%	0%	1%	1%	0%	0%	3%	0%	0%	0%	1%	0%	
Average :		0	10	8	0	0	0	0	0	1	0	0	0	0	0	19

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	05:30	0	4	2	0	0	0	0	0	1	0	0	0	1	0	8
	05:45	0	5	5	0	0	0	0	0	0	0	0	0	0	0	10
	06:00	0	5	4	0	0	0	0	0	2	0	0	0	1	0	12
	06:15	0	9	13	0	0	0	0	0	0	0	0	0	0	0	22
	06:30	0	35	15	1	2	0	0	0	0	0	0	0	0	0	53
	06:45	0	26	22	0	1	0	0	0	2	0	0	0	0	0	51
	07:00	1	38	27	0	2	0	0	0	0	0	0	0	1	0	69
	07:15	0	45	34	0	1	0	0	0	1	0	0	0	0	0	81
	07:30	2	55	43	0	0	0	0	0	2	0	0	0	1	1	104
	07:45	0	71	33	0	1	0	0	1	1	0	0	0	0	0	107
	08:00	0	27	21	0	0	0	0	0	5	0	0	0	0	0	53
	08:15	0	25	16	0	0	0	0	0	1	1	0	0	0	0	43
	08:30	0	25	18	0	0	0	0	0	0	0	0	0	3	0	46
	08:45	0	16	10	0	0	0	0	0	0	0	0	0	0	0	26
	09:00	0	9	14	0	0	0	0	1	1	1	0	0	0	0	26
	09:15	0	12	8	0	1	1	0	0	5	0	0	0	1	0	28
	09:30	0	17	7	0	0	0	0	0	3	0	0	0	0	0	27
	09:45	0	13	13	0	0	0	0	0	1	0	0	0	1	0	28
	10:00	0	9	11	0	0	0	0	1	1	0	0	0	0	0	22
	10:15	0	9	12	0	0	0	0	1	0	0	0	0	0	0	22
	10:30	0	9	14	0	0	0	0	0	2	0	0	0	0	0	25
	10:45	0	10	14	0	1	0	0	0	2	0	0	0	0	0	27
	11:00	0	11	11	0	0	0	0	0	0	0	0	0	0	0	22
	11:15	0	6	12	0	0	0	0	0	0	0	0	0	0	0	18
	11:30	0	9	13	0	2	0	0	0	0	1	0	0	0	0	25
	11:45	0	11	8	0	0	0	0	0	2	1	0	0	0	0	22
	12:00	0	11	12	0	0	0	0	0	1	1	0	0	1	0	26
	12:15	0	11	11	0	1	0	0	0	1	0	0	0	0	0	24

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	1	6	12	0	1	0	0	0	1	0	0	0	1	0	22
Wed	12:45	0	14	13	1	1	0	0	0	0	1	0	0	0	0	30
	13:00	0	10	12	0	0	1	0	0	0	0	0	0	0	0	23
	13:15	0	15	13	1	0	0	0	0	1	0	0	0	0	0	30
	13:30	0	12	7	0	1	1	0	0	0	0	0	0	0	0	21
	13:45	1	7	8	0	0	0	0	0	2	1	0	0	1	0	20
	14:00	0	8	10	0	0	1	0	1	0	0	0	0	1	0	21
	14:15	0	10	10	1	0	0	0	0	2	0	0	0	1	0	24
	14:30	0	21	10	0	0	0	0	1	1	0	0	0	0	0	33
	14:45	0	9	9	1	0	0	0	0	3	1	0	0	0	0	23
	15:00	0	14	10	0	2	0	0	0	0	1	0	0	0	0	27
	15:15	0	10	14	0	0	0	0	1	1	0	0	0	0	1	27
	15:30	0	20	5	1	1	0	0	0	4	0	0	0	0	0	31
	15:45	0	11	18	1	1	0	0	0	1	2	0	0	1	0	35
	16:00	0	14	12	0	1	0	0	0	0	0	0	0	0	0	27
	16:15	0	20	20	0	0	1	0	0	1	1	0	0	0	0	43
	16:30	0	20	20	0	0	0	0	0	1	0	0	0	2	0	43
	16:45	0	17	12	1	0	0	0	0	1	0	0	0	1	0	32
	17:00	0	10	21	0	1	0	0	0	0	0	0	0	0	0	32
	17:15	1	17	9	0	0	0	0	0	0	0	0	0	0	0	27
	17:30	1	19	25	0	0	0	0	0	1	0	0	0	0	0	46
	17:45	0	18	9	0	1	0	0	0	0	0	0	0	1	0	29
	18:00	0	9	5	0	0	0	0	0	1	0	0	0	1	0	16
	18:15	0	8	14	0	0	1	0	0	1	0	0	0	0	0	24
	18:30	0	10	13	1	1	0	0	0	0	0	0	0	0	0	25
	18:45	0	14	12	1	0	0	0	0	1	0	0	0	0	0	28
	19:00	0	7	3	0	0	0	0	0	1	1	0	0	0	0	12
	19:15	0	7	2	0	0	0	0	0	0	0	0	0	1	0	10
	19:30	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	19:45	0	4	4	0	0	0	0	0	0	0	0	0	0	0	8
	20:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	20:15	0	7	6	0	1	0	0	0	0	0	0	0	0	0	14
	20:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	20:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:00	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	21:15	0	1	2	0	1	0	0	0	1	0	0	0	0	0	5
	21:30	0	2	1	0	0	0	0	0	0	0	0	1	0	0	4
	21:45	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	1	1	0	0	0	0	0	2	0	0	0	0	0	4
	22:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Daily Total :		7	928	789	10	25	6	0	7	63	13	0	1	21	2	1872
Percent :		0%	50%	42%	1%	1%	0%	0%	0%	3%	1%	0%	0%	1%	0%	
Average :		0	10	8	0	0	0	0	0	1	0	0	0	0	0	19

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	2	0	0	0	0	0	0	0	0	0	0	1	0	3
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	05:30	0	3	5	0	0	0	0	0	2	0	0	0	0	0	10
	05:45	0	6	2	0	0	0	0	0	1	0	0	0	1	0	10
	06:00	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	06:15	0	10	10	0	0	0	0	0	0	0	0	0	0	0	20
	06:30	0	20	16	0	2	0	0	0	4	0	0	0	1	0	43
	06:45	0	24	17	0	0	0	0	0	1	0	0	0	0	0	42
	07:00	0	27	20	0	2	0	0	0	0	0	0	0	1	0	50
	07:15	0	45	37	0	0	0	0	0	1	0	0	0	0	0	83
	07:30	0	61	45	0	1	1	0	0	2	0	0	1	0	1	112
	07:45	0	54	40	0	0	0	0	0	1	1	0	0	2	1	99
	08:00	0	27	14	0	0	0	0	0	1	0	1	0	0	0	43
	08:15	0	20	17	0	2	0	0	0	0	0	0	0	0	0	39
	08:30	0	24	9	0	1	0	0	0	3	0	0	0	1	0	38
	08:45	0	16	17	0	1	0	0	0	1	0	0	0	1	0	36
	09:00	0	8	13	0	0	0	0	0	1	0	0	0	0	0	22
	09:15	0	5	6	0	0	0	0	0	1	0	0	0	0	0	12
	09:30	0	13	17	0	1	0	0	0	1	0	0	0	1	0	33
	09:45	0	22	19	0	1	1	0	0	2	0	0	0	1	1	47
	10:00	0	7	13	0	0	0	0	0	0	0	0	0	0	0	20
	10:15	0	10	7	0	0	0	0	1	1	0	0	0	0	0	19
	10:30	0	12	13	0	0	0	0	0	1	0	0	0	0	0	26
	10:45	0	8	12	0	0	0	0	1	1	0	0	0	1	0	23
	11:00	0	12	9	0	0	0	0	0	0	0	0	0	0	0	21
	11:15	0	16	14	0	0	0	0	1	2	0	0	1	0	0	34
	11:30	0	9	11	0	1	0	0	0	1	1	0	0	0	0	23
	11:45	0	7	13	0	1	0	0	0	0	0	0	0	0	0	21
	12:00	0	5	11	0	0	0	0	0	2	0	0	0	0	0	18
	12:15	0	16	11	0	0	0	0	0	1	0	0	0	0	1	29

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	12:30	0	12	11	0	0	0	0	0	1	1	0	0	0	0	25
Thu	12:45	0	10	8	0	0	0	0	0	0	0	0	0	2	0	20
	13:00	0	3	9	0	0	0	0	0	0	1	0	0	0	0	13
	13:15	0	11	11	0	0	0	0	0	3	0	0	0	0	0	25
	13:30	0	11	7	0	1	0	0	0	1	0	0	0	0	0	20
	13:45	0	8	8	0	1	0	0	0	1	0	0	0	1	0	19
	14:00	0	9	8	0	2	0	0	0	2	0	0	0	0	0	21
	14:15	0	13	10	1	1	0	0	0	0	2	0	0	0	0	27
	14:30	0	14	7	0	0	0	0	0	2	0	0	0	1	0	24
	14:45	0	16	13	0	0	1	0	0	3	0	0	0	0	0	33
	15:00	0	17	9	0	0	0	0	1	0	0	0	0	0	0	27
	15:15	0	12	11	0	0	0	0	0	0	0	0	0	0	0	23
	15:30	0	13	20	0	0	0	0	0	2	0	0	0	0	0	35
	15:45	0	20	11	1	0	0	0	0	2	0	0	1	0	0	35
	16:00	0	14	14	0	3	0	1	0	0	0	0	0	1	0	33
	16:15	0	15	16	0	1	1	0	0	1	0	0	0	0	0	34
	16:30	0	22	18	0	2	0	0	1	1	0	0	0	0	0	44
	16:45	0	14	15	0	0	0	0	0	0	0	0	0	2	0	31
	17:00	1	17	23	0	0	0	0	0	1	0	0	0	0	0	42
	17:15	0	18	12	0	1	0	0	0	1	0	0	0	0	0	32
	17:30	0	22	17	0	0	0	0	0	3	1	0	0	0	0	43
	17:45	0	21	9	0	0	0	0	0	1	0	0	0	0	0	31
	18:00	0	7	12	0	2	0	0	0	1	0	0	0	0	0	22
	18:15	0	16	7	0	0	0	0	1	0	0	0	0	0	0	24
	18:30	0	11	17	0	0	0	0	0	0	1	0	0	0	0	29
	18:45	0	6	3	0	1	0	0	0	0	0	0	0	2	0	12
	19:00	0	9	4	0	0	0	0	1	0	0	0	0	0	0	14
	19:15	0	11	4	0	0	0	0	0	0	0	0	0	0	0	15
	19:30	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	19:45	0	7	2	0	0	1	0	0	0	0	0	0	0	0	10
	20:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	20:15	0	11	4	0	0	0	0	0	1	0	0	0	1	0	17
	20:30	0	3	1	0	0	0	0	0	0	0	0	0	1	0	5
	20:45	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	21:00	0	3	7	0	0	0	0	0	0	0	0	0	0	0	10
	21:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	21:30	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	21:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	2	0	0	0	0	0	1	1	0	0	0	0	0	4
	22:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		1	915	772	2	28	5	1	8	61	8	1	3	22	4	1831
Percent :		0%	50%	42%	0%	2%	0%	0%	0%	3%	0%	0%	0%	1%	0%	
Average :		0	10	8	0	0	0	0	0	1	0	0	0	0	0	19

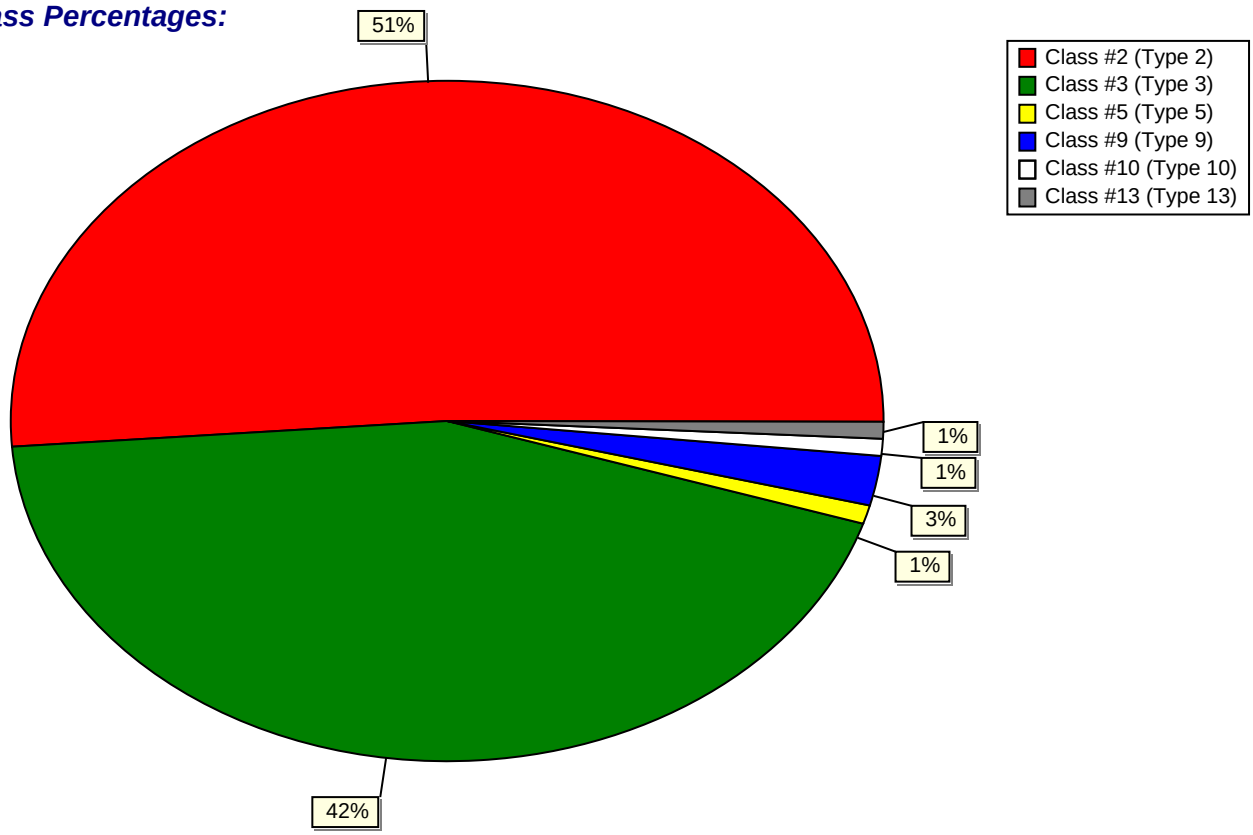
Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/15/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fri	00:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	05:30	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	05:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	06:00	0	6	1	0	0	0	0	0	0	0	0	0	2	0	9
	06:15	0	21	12	0	0	0	0	1	1	0	0	0	0	0	35
Daily Total :		0	45	20	0	0	0	0	1	1	0	0	0	2	0	69
Percent :		0%	65%	29%	0%	0%	0%	0%	1%	1%	0%	0%	0%	3%	0%	
Average :		0	2	1	0	0	0	0	0	0	0	0	0	0	0	3

Basic Axle Class Summary: 4P0000656

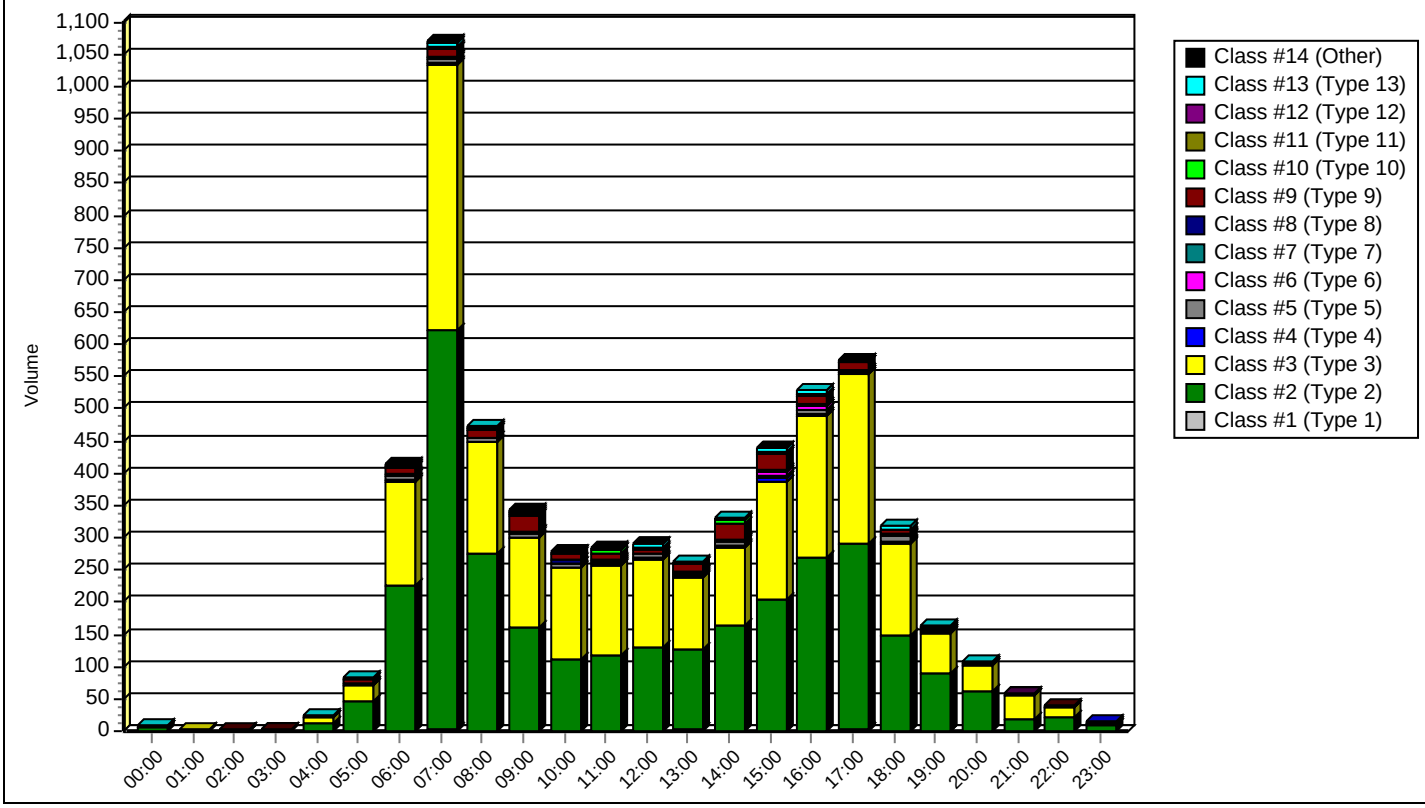
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	13	3103	2546	24	77	24	2	26	203	31	1	7	62	12	6131
		13	3103	2546	24	77	24	2	26	203	31	1	7	62	12	6131
Percents :	#1.	0%	51%	42%	0%	1%	0%	0%	0%	3%	1%	0%	0%	1%	0%	100%
		0%	51%	42%	0%	1%	0%	0%	0%	3%	1%	0%	0%	1%	0%	
Average :	#1.	0	9	7	0	0	0	0	0	1	0	0	0	0	0	17
		0	9	7	0	0	0	0	0	1	0	0	0	0	0	17
Days & ADT :	#1.	3.6	1672													
		3.6	1672													

4P0000656 Axle Class Charts For Data From: 14:30 - 04/11/2011 To: 06:44 - 04/15/2011

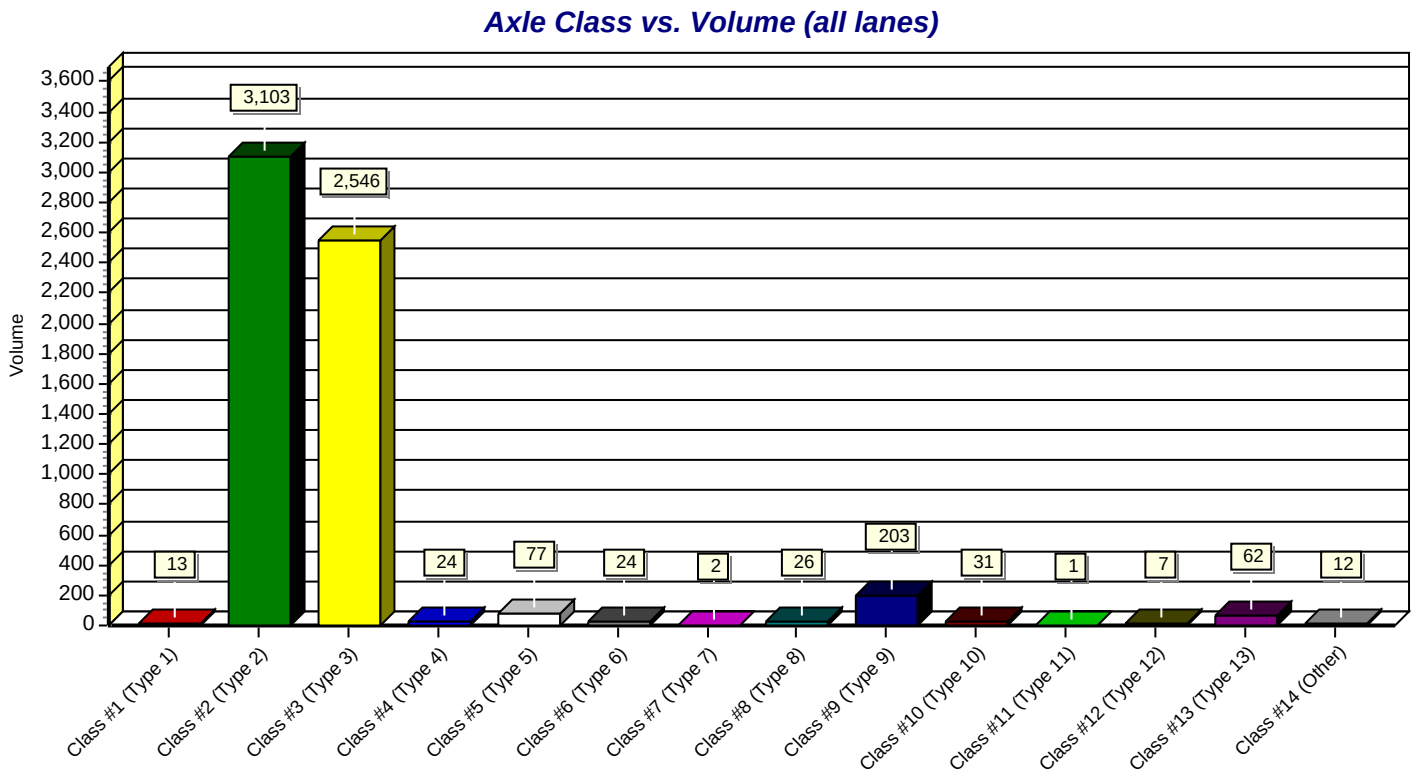
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0000656 Axle Class Charts For Data From: 14:30 - 04/11/2011 To: 06:44 - 04/15/2011



Basic Speed Classification Report: 4P0000656

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 14:30 - 04/11/2011 To: 06:44 - 04/15/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	14:30	0	0	0	0	0	0	0	1	0	3	6	6	1	0	0	0	17
Mon	14:45	0	0	0	0	0	0	0	0	0	4	6	7	2	0	0	0	19
	15:00	0	0	0	0	0	0	0	0	0	2	7	11	2	0	1	0	23
	15:15	0	0	0	0	0	0	0	0	0	1	5	6	1	1	1	0	15
	15:30	0	0	0	0	0	0	0	0	0	0	5	14	5	1	0	0	25
	15:45	0	0	0	0	0	0	0	0	0	0	5	14	4	0	0	0	23
	16:00	0	0	0	0	0	0	0	0	0	0	5	13	3	1	0	0	22
	16:15	0	0	0	0	0	0	0	0	0	1	4	14	4	0	1	0	24
	16:30	0	0	0	0	0	0	0	0	0	1	11	24	6	2	0	0	44
	16:45	0	0	0	0	0	0	0	0	0	0	17	11	3	1	0	0	32
	17:00	0	0	0	0	0	0	0	0	0	2	17	20	7	1	0	0	47
	17:15	0	0	0	0	0	0	0	0	0	0	18	18	3	2	0	0	41
	17:30	0	0	0	0	0	0	0	0	0	0	15	18	2	0	0	0	35
	17:45	0	1	0	0	0	0	0	0	0	1	0	10	2	1	0	0	15
	18:00	0	0	0	0	0	0	0	0	0	0	1	8	4	0	0	0	13
	18:15	0	0	0	0	0	0	0	0	0	0	3	7	4	0	0	0	14
	18:30	0	0	0	0	0	0	0	0	0	0	3	7	4	2	0	0	16
	18:45	0	0	0	0	0	0	0	0	0	0	1	8	1	1	0	0	11
	19:00	0	0	0	0	0	0	0	0	0	0	10	6	1	0	0	0	17
	19:15	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	7
	19:30	0	0	0	0	0	0	0	0	0	1	3	5	4	0	0	0	13
	19:45	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	20:00	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	5
	20:15	0	0	0	0	0	0	0	0	0	0	5	2	1	0	0	0	8
	20:30	0	0	0	0	0	0	0	0	0	1	3	4	0	0	0	0	8
	20:45	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4
	21:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	21:15	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	21:30	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	5
	21:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	22:00	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	3
	22:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	1	0	0	0	0	0	1	0	18	167	257	65	15	3	0	527
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	32%	49%	12%	3%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	4	7	2	0	0	0	17

Speeds - Average: 71.6 50% : 71.7 67% : 73.1 85% : 75.7 10mph Pace: 65.0 - 74.9 (80.5%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	05:15	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	0	1	3	2	1	0	0	7
	05:45	0	0	0	0	0	0	0	0	0	0	4	1	2	1	1	0	9
	06:00	0	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	7
	06:15	0	0	0	0	0	0	0	0	0	0	11	9	1	0	0	0	21
	06:30	0	0	0	0	0	0	0	0	0	3	8	25	9	1	0	0	46
	06:45	0	0	0	0	0	0	0	0	0	2	11	22	6	0	1	0	42
	07:00	0	0	0	0	0	0	0	0	0	4	17	17	12	0	0	0	50
	07:15	0	0	0	0	0	0	0	0	0	1	36	42	5	0	1	0	85
	07:30	0	0	0	0	0	0	0	0	0	1	59	54	9	3	1	0	127
	07:45	0	0	0	0	0	0	0	2	0	1	31	53	17	0	0	0	104
	08:00	0	0	0	0	0	0	0	0	0	0	10	20	9	3	0	0	42
	08:15	0	0	0	0	0	0	0	0	0	0	5	22	8	0	0	0	35
	08:30	0	0	0	0	0	0	0	0	0	0	14	16	2	0	0	0	32
	08:45	0	0	0	0	0	0	0	0	0	0	21	17	3	1	0	0	42
	09:00	0	0	0	0	0	0	0	0	0	0	4	8	1	0	0	0	13
	09:15	0	0	0	0	0	0	0	1	0	5	19	10	4	0	0	0	39
	09:30	0	0	0	0	0	0	0	0	0	4	16	15	3	0	0	0	38
	09:45	0	0	0	0	0	0	0	0	0	0	16	12	1	1	0	0	30
	10:00	0	0	0	0	0	0	0	0	0	2	13	7	1	0	0	0	23
	10:15	0	0	0	0	0	0	0	0	0	0	11	13	3	0	0	0	27
	10:30	0	0	0	0	0	0	0	0	0	0	8	7	3	3	1	0	22
	10:45	0	0	0	0	0	0	0	0	0	1	10	11	0	2	0	0	24
	11:00	0	0	0	0	0	0	0	0	0	0	9	9	9	1	1	0	29
	11:15	0	0	0	0	0	0	0	0	0	1	10	15	4	1	0	0	31
	11:30	0	0	0	0	0	0	0	0	0	0	7	5	4	1	0	0	17
	11:45	0	0	0	0	0	0	0	0	0	1	5	11	4	0	0	0	21
	12:00	0	0	0	0	0	0	0	0	0	1	8	7	3	1	0	0	20
	12:15	0	0	0	0	0	0	0	0	0	2	9	14	3	0	0	0	28

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	0	1	7	14	2	0	0	0	24
Tue	12:45	0	0	0	0	0	0	0	0	0	2	7	11	6	0	0	0	26
	13:00	0	0	0	0	0	0	0	1	0	0	5	6	7	0	0	0	19
	13:15	0	0	0	0	0	0	0	0	0	0	9	10	2	1	0	0	22
	13:30	0	0	0	0	0	0	0	0	0	2	13	11	0	0	0	0	26
	13:45	0	0	0	0	0	0	0	0	0	0	12	5	7	1	0	0	25
	14:00	0	0	0	0	0	0	0	0	0	0	8	11	2	0	0	0	21
	14:15	0	0	0	0	0	0	0	0	0	1	10	12	1	2	1	0	27
	14:30	0	0	0	0	0	0	0	0	0	0	9	12	2	0	0	0	23
	14:45	0	0	0	0	0	0	0	0	0	1	6	10	1	1	0	0	19
	15:00	0	0	0	0	0	0	0	0	0	2	10	3	3	0	0	0	18
	15:15	0	0	0	0	0	0	0	0	0	1	11	14	0	1	0	0	27
	15:30	0	0	0	0	0	0	0	0	0	0	21	15	3	0	0	0	39
	15:45	0	0	0	0	0	0	0	0	0	0	11	10	7	1	0	0	29
	16:00	0	0	0	0	0	0	0	0	0	0	7	21	4	1	1	0	34
	16:15	0	0	0	0	0	0	0	0	0	1	9	17	5	1	0	0	33
	16:30	0	0	0	0	0	0	0	0	0	1	9	14	5	0	1	0	30
	16:45	0	0	0	0	0	0	0	0	0	1	8	11	4	0	0	0	24
	17:00	0	0	0	0	0	0	0	0	0	0	16	23	2	2	0	0	43
	17:15	0	0	0	0	0	0	0	0	0	2	13	19	4	0	1	0	39
	17:30	0	0	0	0	0	0	0	0	0	1	10	17	2	2	1	0	33
	17:45	0	0	0	0	0	0	0	0	0	0	13	23	5	1	0	0	42
	18:00	0	0	0	0	0	0	0	0	0	0	5	16	2	1	0	0	24
	18:15	0	0	0	0	0	0	0	0	0	0	9	10	3	0	0	0	22
	18:30	0	0	0	0	0	0	0	0	0	0	8	16	4	1	0	0	29
	18:45	0	0	0	0	0	0	0	0	0	0	5	3	2	0	0	0	10
	19:00	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	10
	19:15	0	0	0	0	0	0	0	0	0	0	5	9	2	0	0	0	16
	19:30	0	0	0	0	0	0	0	0	0	0	6	7	0	0	0	0	13
	19:45	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	5
	20:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	20:15	0	0	0	0	0	0	0	0	0	1	2	5	1	0	1	0	10
	20:30	0	0	0	0	0	0	0	0	0	1	2	6	0	0	0	0	9
	20:45	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	6
	21:00	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	3
	21:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	21:30	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	21:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	22:00	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	22:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	22:45	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	4
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	0	0	0	0	0	0	5	2	52	670	835	219	37	12	0	1832
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	37%	46%	12%	2%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	7	9	2	0	0	0	13

Speeds - Average: 71.4 50% : 71.3 67% : 73.0 85% : 75.0 10mph Pace: 65.0 - 74.9 (82.2%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	5
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	05:30	0	0	0	0	0	0	0	0	0	0	4	3	1	0	0	0	8
	05:45	0	0	0	0	0	0	0	0	0	0	2	4	2	2	0	0	10
	06:00	0	0	0	0	0	0	0	0	0	0	3	7	2	0	0	0	12
	06:15	0	0	0	0	0	0	0	0	0	0	6	12	4	0	0	0	22
	06:30	0	0	0	0	0	0	0	0	0	0	15	24	11	2	1	0	53
	06:45	0	0	0	0	0	0	0	0	0	0	9	27	11	4	0	0	51
	07:00	0	0	0	0	0	0	0	0	0	0	18	39	9	3	0	0	69
	07:15	0	0	0	0	0	0	0	0	0	1	14	50	14	2	0	0	81
	07:30	0	0	0	0	0	0	0	0	0	1	24	56	21	0	2	0	104
	07:45	0	0	0	0	0	0	0	0	0	0	23	53	23	7	1	0	107
	08:00	0	0	0	0	0	0	0	0	0	1	15	26	10	1	0	0	53
	08:15	0	0	0	0	0	0	0	0	0	0	13	19	8	3	0	0	43
	08:30	0	0	0	0	0	0	0	3	0	0	17	21	3	2	0	0	46
	08:45	0	0	0	0	0	0	0	0	0	1	5	13	6	1	0	0	26
	09:00	0	0	0	0	0	0	0	0	0	0	6	18	2	0	0	0	26
	09:15	0	0	0	0	0	0	0	0	0	4	9	12	3	0	0	0	28
	09:30	0	0	0	0	0	0	0	0	0	0	17	9	1	0	0	0	27
	09:45	0	0	0	0	0	0	0	0	0	1	11	13	2	1	0	0	28
	10:00	0	0	0	0	0	0	0	0	0	0	9	11	2	0	0	0	22
	10:15	0	0	0	0	0	0	0	0	0	1	9	8	4	0	0	0	22
	10:30	0	0	0	0	0	0	0	0	0	1	9	12	2	1	0	0	25
	10:45	0	0	0	0	0	0	0	0	0	1	11	14	1	0	0	0	27
	11:00	0	0	0	0	0	0	0	0	0	0	7	13	1	1	0	0	22
	11:15	0	0	0	0	0	0	0	0	0	0	5	9	2	1	1	0	18
	11:30	0	0	0	0	0	0	0	0	0	0	12	11	1	1	0	0	25
	11:45	0	0	0	0	0	0	0	0	0	1	6	12	2	1	0	0	22
	12:00	0	0	0	0	0	0	0	0	0	0	8	10	7	1	0	0	26
	12:15	0	0	0	0	0	0	0	0	0	0	5	11	7	1	0	0	24

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	3	6	10	3	0	0	0	22
Wed	12:45	0	0	0	0	0	0	0	0	0	1	10	10	9	0	0	0	30
	13:00	0	0	0	0	0	0	0	0	0	0	6	9	6	2	0	0	23
	13:15	0	0	0	0	0	0	0	0	0	1	14	10	4	1	0	0	30
	13:30	0	0	0	0	0	0	0	0	0	0	8	12	1	0	0	0	21
	13:45	0	0	0	0	0	0	0	0	0	0	10	9	1	0	0	0	20
	14:00	0	0	0	0	0	0	0	0	0	1	3	13	4	0	0	0	21
	14:15	0	0	0	0	0	0	0	0	0	0	6	13	5	0	0	0	24
	14:30	0	0	0	0	0	0	0	0	0	4	13	12	3	1	0	0	33
	14:45	0	0	0	0	0	0	0	0	0	0	6	11	6	0	0	0	23
	15:00	0	0	0	0	0	0	0	0	0	0	8	17	2	0	0	0	27
	15:15	0	0	0	0	0	0	0	0	0	0	11	15	1	0	0	0	27
	15:30	0	0	0	0	0	0	0	0	0	1	13	16	1	0	0	0	31
	15:45	0	0	0	0	0	0	0	0	0	1	8	25	1	0	0	0	35
	16:00	0	0	0	0	0	0	0	0	0	4	17	5	1	0	0	0	27
	16:15	0	0	0	0	0	0	0	0	0	6	19	15	1	1	1	0	43
	16:30	0	0	0	0	0	0	0	0	0	0	8	23	9	2	1	0	43
	16:45	0	0	0	0	0	0	0	0	0	2	7	16	5	1	1	0	32
	17:00	0	0	0	0	0	0	0	0	0	2	9	12	9	0	0	0	32
	17:15	0	0	0	0	0	0	0	0	0	0	10	13	3	1	0	0	27
	17:30	1	0	0	0	0	0	0	0	0	1	19	21	3	1	0	0	46
	17:45	0	0	0	0	0	0	0	0	1	1	13	8	3	2	1	0	29
	18:00	0	0	0	0	0	0	0	0	0	0	7	6	3	0	0	0	16
	18:15	0	0	0	0	0	0	0	0	0	1	10	11	2	0	0	0	24
	18:30	0	0	0	0	0	0	0	0	0	1	12	11	1	0	0	0	25
	18:45	0	0	0	0	0	0	0	0	0	0	12	14	2	0	0	0	28
	19:00	0	0	0	0	0	0	0	0	0	0	3	8	1	0	0	0	12
	19:15	0	0	0	0	0	0	0	0	0	0	4	5	1	0	0	0	10
	19:30	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
	19:45	0	0	0	0	0	0	0	0	0	0	5	3	0	0	0	0	8
	20:00	0	0	0	0	0	0	0	0	0	0	3	1	0	0	1	0	5
	20:15	0	0	0	0	0	0	0	0	0	1	12	1	0	0	0	0	14
	20:30	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	20:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	21:00	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	6
	21:15	0	0	0	0	0	0	0	0	0	0	1	3	0	1	0	0	5
	21:30	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	4
	21:45	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	5
	22:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	22:15	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	22:30	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	0	0	0	0	0	4	1	47	610	894	257	48	10	0	1872
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	33%	48%	14%	3%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	6	9	3	1	0	0	19

Speeds - Average: 71.7 50% : 71.6 67% : 73.3 85% : 75.8 10mph Pace: 65.0 - 74.9 (80.3%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	05:30	0	0	0	0	0	0	0	0	0	1	3	4	2	0	0	0	10
	05:45	0	0	0	0	0	0	0	0	0	2	4	4	0	0	0	0	10
	06:00	0	0	0	0	0	0	0	0	1	2	4	3	1	0	0	0	11
	06:15	0	0	0	0	0	0	0	0	0	1	6	9	4	0	0	0	20
	06:30	0	0	0	0	0	0	0	0	0	4	8	23	7	0	1	0	43
	06:45	0	0	0	0	0	0	0	0	0	1	8	26	6	0	1	0	42
	07:00	0	0	0	0	0	0	0	0	0	5	9	30	5	1	0	0	50
	07:15	0	0	0	0	0	0	0	0	0	3	25	47	8	0	0	0	83
	07:30	1	0	0	0	0	0	0	0	0	2	40	58	10	1	0	0	112
	07:45	0	0	0	0	0	0	0	0	0	2	21	61	13	1	1	0	99
	08:00	0	0	0	0	0	0	0	0	0	3	15	20	4	1	0	0	43
	08:15	0	0	0	0	0	0	0	0	0	0	15	16	6	2	0	0	39
	08:30	0	0	0	0	0	0	0	0	0	0	22	13	2	1	0	0	38
	08:45	0	0	0	0	0	0	0	0	0	1	13	16	5	1	0	0	36
	09:00	0	0	0	0	0	0	0	0	0	1	10	11	0	0	0	0	22
	09:15	0	0	0	0	0	0	0	0	0	0	3	6	2	1	0	0	12
	09:30	0	0	0	0	0	0	0	0	0	0	15	11	6	1	0	0	33
	09:45	0	0	0	0	0	0	0	0	1	4	23	15	4	0	0	0	47
	10:00	0	0	0	0	0	0	0	0	0	1	12	7	0	0	0	0	20
	10:15	1	0	0	0	0	0	0	0	0	0	8	7	2	1	0	0	19
	10:30	0	0	0	0	0	0	0	0	0	1	7	13	5	0	0	0	26
	10:45	0	0	0	0	0	0	0	0	0	0	13	7	2	0	1	0	23
	11:00	0	0	0	0	0	0	0	0	0	0	7	11	2	1	0	0	21
	11:15	0	0	0	0	0	0	0	0	0	0	14	14	4	2	0	0	34
	11:30	0	0	0	0	0	0	0	0	0	0	8	13	2	0	0	0	23
	11:45	0	0	0	0	0	0	0	0	0	0	7	8	3	3	0	0	21
	12:00	0	0	0	0	0	0	0	0	0	0	5	7	4	2	0	0	18
	12:15	0	0	0	0	0	0	0	0	0	2	18	8	1	0	0	0	29

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	12:30	0	0	0	0	0	0	0	0	0	2	9	10	2	2	0	0	25
Thu	12:45	0	0	0	0	0	0	0	0	0	1	10	7	2	0	0	0	20
	13:00	0	0	0	0	0	0	0	0	0	1	3	6	3	0	0	0	13
	13:15	0	0	0	0	0	0	0	0	0	1	15	7	1	1	0	0	25
	13:30	0	0	0	0	0	0	0	0	0	2	8	8	2	0	0	0	20
	13:45	0	0	0	0	0	0	0	0	0	0	5	11	3	0	0	0	19
	14:00	0	0	0	0	0	0	0	0	0	0	9	10	2	0	0	0	21
	14:15	0	0	0	0	0	0	0	0	0	2	5	16	3	1	0	0	27
	14:30	0	0	0	0	0	0	0	0	0	0	8	10	4	0	2	0	24
	14:45	0	0	0	0	0	0	0	0	2	3	9	15	4	0	0	0	33
	15:00	0	0	0	0	0	0	0	0	0	0	6	17	4	0	0	0	27
	15:15	0	0	0	0	0	0	0	0	0	0	4	15	4	0	0	0	23
	15:30	0	0	0	0	0	0	0	0	0	0	14	19	1	1	0	0	35
	15:45	0	0	0	0	0	0	0	0	0	2	16	17	0	0	0	0	35
	16:00	0	0	0	0	0	0	0	0	0	1	16	11	4	1	0	0	33
	16:15	0	0	0	0	0	0	0	0	0	0	19	11	4	0	0	0	34
	16:30	0	0	0	0	0	0	0	0	0	1	10	27	6	0	0	0	44
	16:45	0	0	0	0	0	0	0	0	0	1	12	15	2	1	0	0	31
	17:00	0	0	0	0	0	0	0	0	0	1	13	22	6	0	0	0	42
	17:15	0	0	0	0	0	0	0	0	0	0	8	17	7	0	0	0	32
	17:30	0	0	0	0	0	0	0	0	0	0	14	19	10	0	0	0	43
	17:45	0	0	0	0	0	0	0	0	0	0	9	18	4	0	0	0	31
	18:00	0	0	0	0	0	0	0	0	0	0	7	10	4	1	0	0	22
	18:15	0	0	0	0	0	0	0	0	0	0	8	13	3	0	0	0	24
	18:30	0	0	0	0	0	0	0	0	0	1	7	12	9	0	0	0	29
	18:45	0	0	0	0	0	0	0	0	0	0	3	7	1	0	1	0	12
	19:00	0	0	0	0	0	0	0	0	0	0	2	8	4	0	0	0	14
	19:15	0	0	0	0	0	0	0	0	0	0	6	7	1	0	1	0	15
	19:30	0	0	0	0	0	0	0	0	0	0	3	1	2	0	0	0	6
	19:45	0	0	0	0	0	0	0	0	0	2	5	2	1	0	0	0	10
	20:00	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3
	20:15	0	0	0	0	0	0	0	0	0	1	5	9	2	0	0	0	17
	20:30	0	0	0	0	0	0	0	0	1	0	3	1	0	0	0	0	5
	20:45	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	6
	21:00	0	0	0	0	0	0	0	0	0	0	6	4	0	0	0	0	10
	21:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	21:30	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4
	21:45	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	0	0	0	0	0	0	6	64	641	866	216	27	9	0	1831
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	35%	47%	12%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	1	7	9	2	0	0	0	19

Speeds - Average: 71.2 50% : 71.3 67% : 73.0 85% : 74.9 10mph Pace: 65.0 - 74.9 (82.3%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/15/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fri	00:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	05:15	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	4
	05:30	0	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	6
	05:45	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	4
	06:00	0	0	0	0	0	0	0	0	0	3	3	3	0	0	0	0	9
	06:15	0	0	0	0	0	0	0	0	2	3	8	15	5	1	1	0	35
Daily Total :		0	0	0	0	0	0	0	0	2	8	17	27	11	3	1	0	69
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	3%	12%	25%	39%	16%	4%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	19

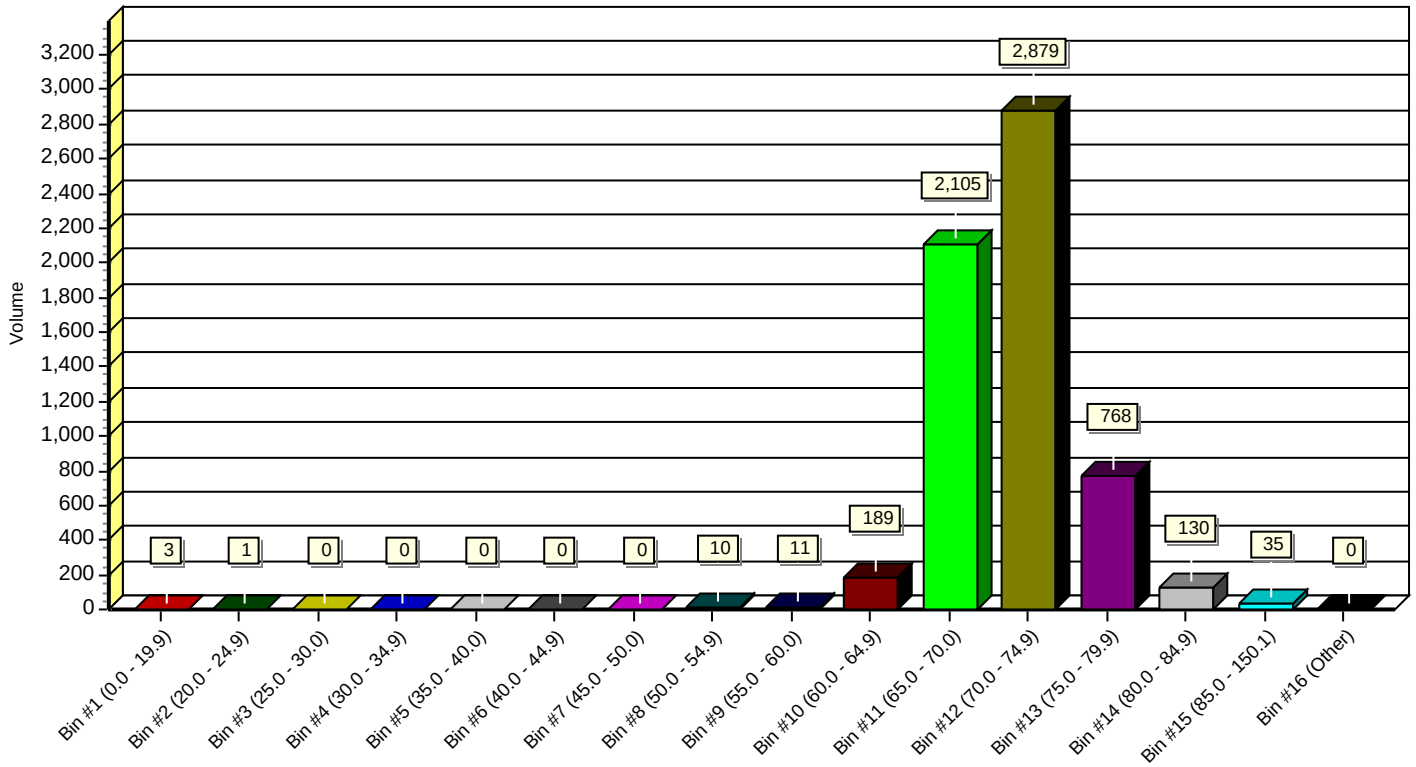
Speeds - Average: 71.5 50% : 72.1 67% : 72.9 85% : 77.4 10mph Pace: 67.0 - 76.9 (63.8%)

Basic Speed Class Summary: 4P0000656

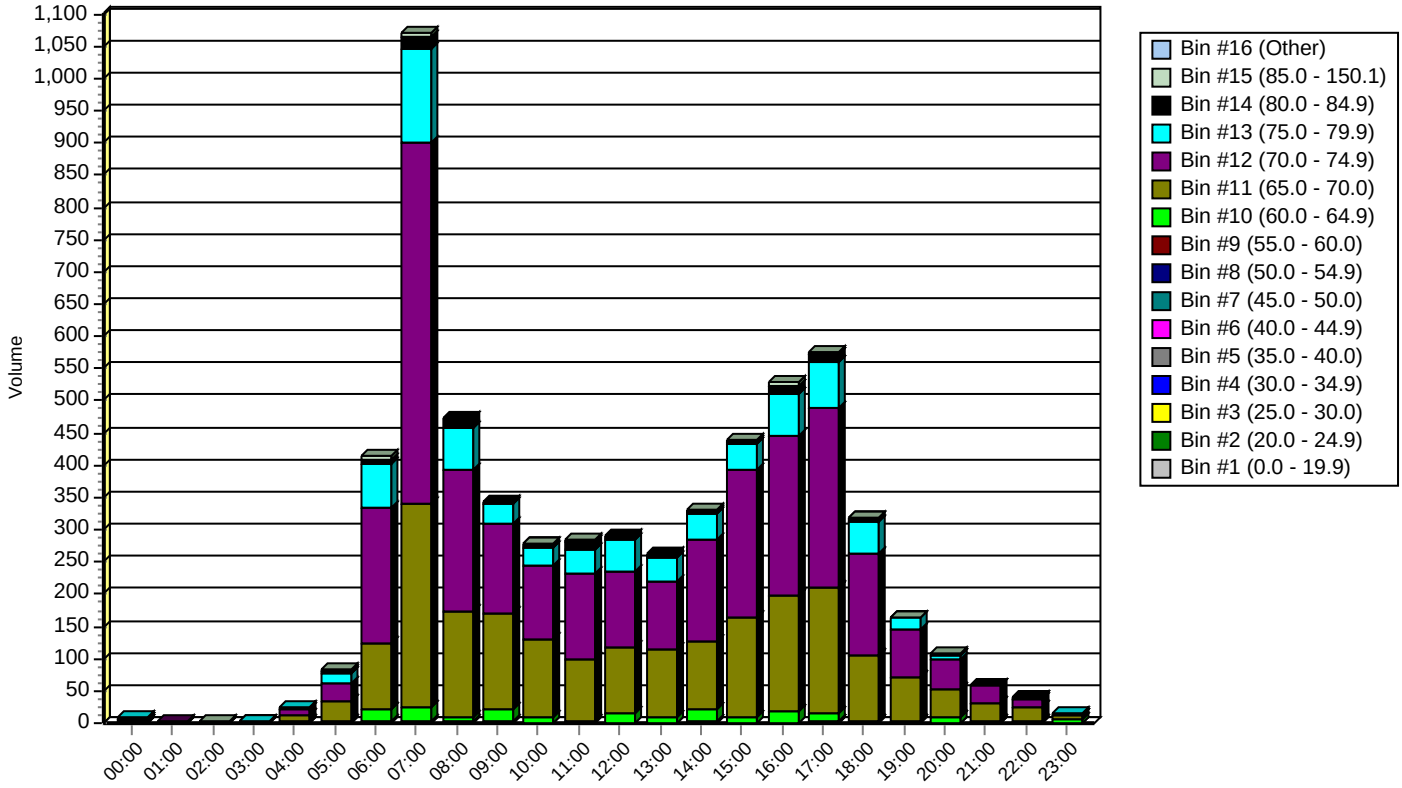
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	3	1	0	0	0	0	0	10	11	189	2105	2879	768	130	35	0	6131
		3	1	0	0	0	0	0	10	11	189	2105	2879	768	130	35	0	6131
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	34%	47%	13%	2%	1%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	34%	47%	13%	2%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	1	6	8	2	0	0	0	17
		0	0	0	0	0	0	0	0	0	1	6	8	2	0	0	0	17
Days & ADT :	#1.	3.6	1672															
		3.6	1672															
Avg,50,67,85%:	#1.	71.5	71.4	73.1	75.2	65.0	- 74.9	81%										
		71.5	71.4	73.1	75.2	65.0	- 74.9	81%										

4P0000656 Speed Class Charts For Data From: 14:30 - 04/11/2011 To: 06:44 - 04/15/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0051456

Station ID : 2D0051456
Info Line 1 : 90994535
Info Line 2 : I-90 WESTOF JON
GPS Lat/Lon :
DB File : 2D0051456.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 87511
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 13:45 - 04/11/2011 To: 07:59 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	13:45	1	62	36	0	2	4	0	0	5	1	0	0	1	0	112
Mon	14:00	1	70	39	1	2	0	0	1	9	0	0	0	2	1	126
	14:15	2	86	34	3	4	2	0	2	6	0	1	0	0	0	140
	14:30	0	66	56	1	3	2	0	1	10	3	0	1	1	0	144
	14:45	1	72	45	1	2	4	0	1	8	0	0	0	4	1	139
	15:00	3	76	48	0	2	2	0	2	11	2	0	1	2	0	149
	15:15	3	101	42	1	3	3	0	2	5	0	0	0	1	0	161
	15:30	1	95	45	0	0	2	0	2	10	1	0	0	3	0	159
	15:45	2	100	37	1	3	2	0	0	6	2	0	0	2	0	155
	16:00	1	95	47	3	2	3	0	0	8	5	0	0	6	2	172
	16:15	0	107	50	0	4	2	0	1	8	0	0	0	1	0	173
	16:30	0	104	62	0	0	0	0	1	9	1	0	0	2	1	180
	16:45	1	100	59	1	3	1	0	1	6	1	0	0	1	0	174
	17:00	1	119	65	0	1	3	0	1	7	1	0	0	1	0	199
	17:15	1	128	77	0	1	1	0	2	8	1	0	0	1	0	220
	17:30	3	126	63	1	1	0	0	0	4	1	0	0	1	0	200
	17:45	0	120	49	1	0	2	0	1	6	1	0	0	3	0	183
	18:00	3	92	41	0	1	4	0	2	14	1	0	0	0	0	158
	18:15	0	63	47	1	0	1	0	0	10	0	0	0	1	1	124
	18:30	1	84	34	0	0	1	0	1	7	1	0	0	2	0	131
	18:45	1	70	34	1	2	0	0	0	11	0	0	1	2	0	122
	19:00	3	73	25	4	0	0	0	0	8	1	0	0	2	0	116
	19:15	0	67	26	0	0	0	0	0	10	1	0	1	2	0	107
	19:30	1	55	29	0	0	0	0	1	10	1	0	0	3	0	100
	19:45	0	72	28	0	0	1	0	0	9	2	1	0	3	0	116
	20:00	1	57	33	0	0	1	0	0	5	0	0	0	5	0	102
	20:15	0	70	23	0	1	0	0	0	2	0	0	0	3	0	99
	20:30	1	50	28	0	0	0	0	0	6	1	1	0	1	0	88
	20:45	0	50	28	0	0	0	0	0	9	1	0	0	0	0	88
	21:00	0	51	20	0	0	1	0	1	7	0	0	0	1	0	81
	21:15	0	59	24	0	0	0	0	0	4	0	0	0	1	0	88
	21:30	0	54	15	2	0	0	0	0	7	0	0	0	0	0	78
	21:45	0	33	13	0	1	0	0	0	7	0	0	0	1	0	55
	22:00	0	33	11	0	1	0	0	0	2	1	1	0	0	0	49

	(AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
Date	Time															
04/11/11	22:15	0	35	15	0	0	1	0	0	6	0	0	1	3	0	61
Mon	22:30	0	29	10	0	0	1	0	0	3	1	1	0	2	1	48
	22:45	0	19	2	1	1	0	0	0	3	1	0	0	0	0	27
	23:00	0	20	9	0	0	0	0	0	3	0	1	0	1	0	34
	23:15	2	19	5	1	0	0	0	0	3	0	0	0	0	0	30
	23:30	0	21	14	1	0	0	0	0	5	0	0	0	0	0	41
	23:45	1	12	9	0	0	0	0	0	4	0	0	1	0	0	27
Daily Total :		35	2815	1377	25	40	44	0	23	281	32	6	6	65	7	4756
Percent :		1%	59%	29%	1%	1%	1%	0%	0%	6%	1%	0%	0%	1%	0%	
Average :		1	69	34	1	1	1	0	1	7	1	0	0	2	0	118

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	1	12	9	1	0	0	0	0	1	0	0	0	0	0	24
Tue	00:15	0	7	2	1	1	0	0	2	3	1	0	0	0	0	17
	00:30	0	15	6	0	0	0	0	1	2	0	0	0	0	0	24
	00:45	0	8	6	0	1	0	0	1	6	0	0	0	1	1	24
	01:00	0	9	3	0	1	0	0	0	4	0	1	0	1	0	19
	01:15	0	4	4	0	0	0	0	0	3	0	0	0	0	0	11
	01:30	0	4	2	0	0	0	0	0	4	0	0	0	0	0	10
	01:45	0	8	0	0	0	0	0	0	1	0	0	0	1	0	10
	02:00	0	6	3	0	0	0	0	0	3	0	0	0	0	0	12
	02:15	0	6	1	0	1	0	0	0	6	0	0	0	0	0	14
	02:30	0	6	4	0	0	0	0	1	3	0	0	0	1	0	15
	02:45	0	5	4	0	0	0	0	0	2	0	0	0	0	0	11
	03:00	0	1	1	0	1	0	0	0	3	1	0	1	0	0	8
	03:15	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	03:30	0	4	2	0	0	0	0	0	0	0	0	1	1	0	8
	03:45	0	5	5	0	1	0	0	0	0	0	0	1	2	0	14
	04:00	0	6	5	0	0	0	0	0	2	0	0	1	0	0	14
	04:15	0	12	5	0	0	0	0	0	5	0	0	0	2	0	24
	04:30	0	7	9	1	0	0	0	0	5	0	0	0	2	0	24
	04:45	0	12	4	0	0	0	0	0	7	0	0	0	0	0	23
	05:00	0	9	8	0	0	0	0	1	2	1	0	0	0	0	21
	05:15	0	6	10	0	0	1	1	1	3	0	0	0	2	0	24
	05:30	0	16	12	0	2	0	0	0	10	0	0	0	0	0	40
	05:45	0	11	23	2	2	0	0	1	3	0	0	0	1	0	43
	06:00	0	21	16	1	0	1	0	1	10	0	0	0	0	0	50
	06:15	0	28	34	3	1	0	0	1	3	1	0	1	0	0	72
	06:30	0	29	27	4	1	1	0	1	4	1	0	0	2	0	70
	06:45	0	39	30	4	3	0	0	1	5	0	0	0	1	0	83
	07:00	0	38	36	3	3	2	0	0	6	1	0	1	2	0	92
	07:15	0	52	30	0	2	1	0	2	10	3	0	0	4	0	104
	07:30	0	56	27	0	1	3	0	2	10	1	0	0	2	0	102
	07:45	0	60	38	0	1	0	0	2	9	1	0	0	1	0	112
	08:00	0	57	26	1	1	5	0	0	7	5	0	1	1	0	104
	08:15	0	42	26	1	4	1	0	1	9	3	0	0	1	0	88
	08:30	0	40	34	0	1	1	1	0	13	3	0	0	3	3	99
	08:45	0	51	45	0	1	1	0	1	14	3	0	0	1	1	118
	09:00	0	32	37	2	4	1	0	2	15	2	1	0	3	0	99
	09:15	0	33	30	0	2	1	1	0	10	1	1	0	2	1	82
	09:30	0	40	33	1	1	3	0	1	13	1	0	0	0	0	93
	09:45	1	42	28	0	1	3	0	1	18	3	0	0	4	1	102
	10:00	0	33	39	1	1	1	1	3	20	1	0	0	1	0	101
	10:15	0	49	42	0	3	2	0	1	9	2	0	0	2	0	110
	10:30	0	49	34	1	3	1	0	0	12	4	0	0	0	0	104
	10:45	0	46	31	1	1	3	1	2	18	1	0	0	1	0	105
	11:00	0	49	26	1	1	0	0	3	13	1	0	0	3	0	97
	11:15	0	43	37	0	1	2	0	4	15	0	0	1	1	0	104
	11:30	3	54	33	0	0	2	1	1	13	6	0	0	1	0	114
	11:45	0	44	31	0	1	1	0	1	18	6	0	0	3	0	105
	12:00	1	61	33	0	2	1	0	2	14	1	0	0	3	1	119
	12:15	0	49	34	0	0	1	0	0	7	4	0	0	2	0	97

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	55	58	0	1	2	0	0	14	3	0	0	0	1	134
Tue	12:45	0	50	34	0	0	2	0	0	22	3	0	0	2	0	113
	13:00	0	60	44	1	2	1	0	4	20	0	0	0	3	1	136
	13:15	0	78	29	2	2	3	0	1	17	1	0	1	4	2	140
	13:30	0	67	31	2	1	0	0	1	20	0	0	0	1	0	123
	13:45	1	58	39	0	1	3	0	3	16	2	0	0	1	1	125
	14:00	0	59	39	1	0	0	0	1	18	4	0	0	2	2	126
	14:15	0	71	49	2	1	2	0	1	15	0	0	1	2	0	144
	14:30	1	65	41	0	1	1	0	1	16	5	0	0	1	0	132
	14:45	1	74	47	0	3	2	0	2	16	3	0	0	0	1	149
	15:00	0	76	43	0	2	0	0	3	18	2	0	0	2	1	147
	15:15	0	90	39	3	0	1	0	1	12	3	0	1	5	0	155
	15:30	2	81	38	1	0	3	0	1	18	1	0	0	1	0	146
	15:45	0	92	45	0	1	2	0	1	19	2	0	0	3	2	167
	16:00	0	92	59	0	4	3	0	2	18	1	0	0	1	1	181
	16:15	0	103	51	0	2	1	0	2	13	3	0	0	2	0	177
	16:30	0	113	47	0	2	2	0	3	14	0	0	0	2	0	183
	16:45	1	115	54	1	1	3	0	4	18	1	0	1	1	0	200
	17:00	0	120	60	0	1	1	0	1	14	2	0	0	2	0	201
	17:15	2	149	61	0	0	0	0	3	13	1	0	0	2	0	231
	17:30	0	116	56	1	0	0	0	2	11	3	0	0	0	0	189
	17:45	1	108	47	0	3	0	0	3	6	1	0	0	1	0	170
	18:00	1	99	51	0	0	0	0	2	9	0	0	0	0	0	162
	18:15	2	91	41	0	2	0	0	0	12	0	0	0	0	0	148
	18:30	0	82	36	1	1	0	0	3	15	1	1	0	5	1	146
	18:45	0	69	35	1	1	1	0	0	6	2	0	0	2	0	117
	19:00	0	80	39	1	4	0	0	0	5	1	1	0	2	0	133
	19:15	0	73	34	0	0	0	0	2	15	1	0	1	3	0	129
	19:30	0	69	44	1	1	1	0	0	6	1	1	0	0	1	125
	19:45	0	59	30	1	4	1	0	2	6	3	0	0	2	1	109
	20:00	0	55	36	2	2	1	0	5	5	1	1	0	2	2	112
	20:15	0	67	34	0	2	0	0	2	11	1	1	0	3	0	121
	20:30	0	58	23	0	0	1	0	2	10	1	0	0	2	0	97
	20:45	0	69	25	0	1	0	0	1	8	0	0	0	0	1	105
	21:00	0	53	13	0	5	0	0	0	9	0	0	0	2	0	82
	21:15	0	51	18	0	3	0	0	2	4	0	0	1	0	1	80
	21:30	0	46	10	0	3	0	0	3	3	0	0	1	1	0	67
	21:45	0	32	14	1	0	0	0	0	3	0	0	0	3	1	54
	22:00	0	25	20	0	2	1	0	4	3	2	0	0	1	0	58
	22:15	0	33	10	0	2	0	0	1	7	0	0	0	2	0	55
	22:30	0	32	12	0	0	1	0	1	6	0	0	0	2	0	54
	22:45	0	21	12	0	1	0	0	0	2	0	1	0	3	1	41
	23:00	0	20	7	1	0	1	0	0	3	0	0	0	0	1	33
	23:15	0	13	5	0	2	0	0	1	1	0	0	0	0	1	23
	23:30	0	14	7	1	2	1	0	0	1	0	0	0	1	2	29
	23:45	0	9	8	0	0	0	0	0	8	0	0	1	0	0	26
Daily Total :		18	4428	2540	53	116	80	6	112	882	114	9	16	132	33	8539
	Percent :	0%	52%	30%	1%	1%	1%	0%	1%	10%	1%	0%	0%	2%	0%	
	Average :	0	46	26	1	1	1	0	1	9	1	0	0	1	0	87

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	14	3	1	0	1	0	0	2	2	0	0	2	0	25
Wed	00:15	0	12	7	1	1	0	0	0	3	0	0	0	0	0	24
	00:30	0	13	3	0	1	0	0	1	3	0	0	1	0	0	22
	00:45	0	10	6	0	0	0	0	1	3	0	1	1	0	0	22
	01:00	0	8	1	0	1	0	0	1	3	1	0	1	0	0	16
	01:15	0	5	2	0	0	0	0	0	6	0	0	0	0	0	13
	01:30	0	7	2	0	0	0	0	1	3	0	0	0	0	0	13
	01:45	0	7	7	0	0	1	0	0	2	0	0	0	1	1	19
	02:00	0	11	2	0	0	0	0	0	1	0	0	0	0	0	14
	02:15	0	11	2	0	1	0	0	0	3	0	0	0	1	1	19
	02:30	0	7	2	0	0	0	0	2	1	0	0	0	0	1	13
	02:45	0	2	4	0	1	0	0	0	3	0	0	0	0	0	10
	03:00	0	2	0	0	0	1	0	0	5	1	0	2	0	1	12
	03:15	0	3	3	0	0	0	0	1	2	0	0	0	0	0	9
	03:30	0	7	2	0	1	0	0	2	1	1	0	1	0	1	16
	03:45	0	4	4	0	0	0	0	0	3	1	0	1	0	1	14
	04:00	0	2	4	0	0	0	0	0	7	0	0	0	2	0	15
	04:15	1	5	6	0	0	0	0	1	6	0	0	0	1	0	20
	04:30	0	8	8	0	1	0	0	0	5	0	0	0	2	1	25
	04:45	0	12	12	0	1	0	0	0	6	1	0	0	2	0	34
	05:00	1	6	6	0	0	0	0	1	3	0	0	0	0	0	17
	05:15	0	7	9	0	3	3	0	1	3	1	0	0	1	1	29
	05:30	0	15	10	0	0	0	0	1	4	1	0	1	1	0	33
	05:45	0	19	17	1	3	0	0	0	3	0	0	0	0	0	43
	06:00	0	23	20	0	0	0	0	1	4	1	0	0	1	1	51
	06:15	1	26	25	3	1	1	0	3	5	0	0	1	1	0	67
	06:30	0	29	22	5	1	1	0	3	5	2	0	0	0	0	68
	06:45	0	39	30	4	4	0	1	3	6	1	0	1	1	2	92
	07:00	0	51	27	4	2	2	0	4	6	0	0	0	3	2	101
	07:15	0	50	27	0	1	1	0	3	6	1	0	0	1	2	92
	07:30	0	44	28	1	6	0	0	6	5	0	0	0	5	4	99
	07:45	0	55	33	1	2	1	0	5	6	3	0	0	3	2	111
	08:00	1	45	38	0	0	1	0	3	12	2	0	0	2	1	105
	08:15	0	40	40	1	3	0	0	4	11	2	0	0	5	3	109
	08:30	0	42	40	1	3	0	0	4	8	2	0	1	0	0	101
	08:45	0	47	38	0	1	3	0	0	12	1	0	0	4	2	108
	09:00	0	44	36	2	5	3	0	5	15	3	0	0	0	0	113
	09:15	0	42	33	0	0	2	0	3	18	0	0	0	3	3	104
	09:30	0	37	37	0	3	2	0	2	14	2	0	0	1	1	99
	09:45	0	33	37	2	1	4	0	4	18	3	1	0	4	0	107
	10:00	0	45	37	0	2	1	0	1	17	3	0	0	2	1	109
	10:15	0	44	30	1	1	1	0	1	12	1	1	0	4	0	96
	10:30	0	48	41	1	1	2	0	1	11	1	0	0	1	0	107
	10:45	2	44	31	0	6	2	0	3	16	4	0	0	2	0	110
	11:00	0	46	27	1	0	0	0	1	13	7	0	1	2	0	98
	11:15	0	47	32	0	3	2	0	0	17	1	0	0	3	0	105
	11:30	0	53	38	0	1	1	0	1	17	1	0	0	2	0	114
	11:45	0	61	33	1	2	2	0	1	17	1	0	0	3	0	121
	12:00	0	61	39	2	1	1	0	2	15	3	0	0	2	0	126
	12:15	0	67	34	2	0	1	0	2	17	3	0	0	0	0	126

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	1	82	30	0	1	3	0	0	12	2	0	2	2	0	135
Wed	12:45	1	54	38	1	1	0	0	2	15	1	0	0	5	0	118
	13:00	0	55	39	1	1	2	0	1	22	3	0	0	1	0	125
	13:15	1	60	37	0	3	1	0	0	20	1	0	0	3	1	127
	13:30	0	64	44	0	1	1	0	0	18	2	0	0	2	1	133
	13:45	2	80	35	2	2	1	0	1	18	0	0	0	1	1	143
	14:00	0	66	41	1	1	1	0	0	18	3	0	0	2	2	135
	14:15	0	73	32	1	2	2	0	3	19	2	0	2	0	1	137
	14:30	0	58	37	0	1	1	1	2	27	4	0	0	5	0	136
	14:45	0	66	44	2	1	0	0	1	14	4	0	0	2	2	136
	15:00	0	66	43	0	2	1	0	3	16	0	0	0	3	0	134
	15:15	0	93	57	1	0	2	0	3	25	5	0	0	0	1	187
	15:30	1	116	37	1	3	0	0	1	11	2	0	0	0	0	172
	15:45	1	105	54	0	2	1	0	1	16	0	0	1	5	2	188
	16:00	1	108	46	1	3	1	0	4	12	1	0	0	4	2	183
	16:15	0	94	47	1	1	0	0	1	13	2	0	0	2	0	161
	16:30	3	106	62	0	2	3	0	2	12	2	0	0	2	0	194
	16:45	1	123	58	1	2	3	0	1	16	0	0	0	3	0	208
	17:00	1	137	65	1	3	1	0	2	13	2	0	0	4	0	229
	17:15	2	144	56	1	0	1	0	1	10	2	0	0	2	0	219
	17:30	0	117	59	0	3	0	0	3	17	1	0	0	0	0	200
	17:45	0	107	54	0	3	0	0	1	23	2	0	0	1	0	191
	18:00	0	86	59	0	2	0	0	2	11	0	0	0	2	0	162
	18:15	1	92	43	0	2	0	0	0	10	0	0	0	2	0	150
	18:30	1	72	35	0	0	0	0	1	8	0	0	0	2	1	120
	18:45	0	74	30	0	2	0	0	2	6	1	1	0	3	0	119
	19:00	0	71	25	2	0	1	1	2	8	0	0	0	1	0	111
	19:15	0	62	30	2	1	0	0	2	14	2	0	0	1	1	115
	19:30	0	61	22	1	1	0	0	2	11	0	1	0	1	0	100
	19:45	0	57	20	0	3	0	0	0	11	1	0	0	2	1	95
	20:00	0	57	23	0	0	0	0	2	8	1	0	0	2	1	94
	20:15	1	71	38	0	1	1	0	0	10	0	2	0	1	0	125
	20:30	0	61	28	0	1	0	0	0	8	1	0	1	3	0	103
	20:45	0	63	25	0	0	0	0	2	6	0	1	1	1	0	99
	21:00	0	51	20	0	0	0	0	1	7	1	0	0	1	0	81
	21:15	0	58	27	1	0	0	0	1	5	1	0	0	1	0	94
	21:30	0	48	13	0	1	1	0	3	4	0	1	0	2	0	73
	21:45	0	36	8	0	0	1	0	3	12	1	0	0	0	1	62
	22:00	0	27	16	0	3	0	0	3	3	1	0	0	2	0	55
	22:15	0	33	7	0	1	2	0	1	4	2	1	0	3	0	54
	22:30	0	25	14	0	0	0	0	0	4	0	0	2	1	0	46
	22:45	0	22	8	0	2	0	0	1	5	0	0	0	0	0	38
	23:00	0	14	5	0	0	0	0	1	5	1	0	0	0	0	26
	23:15	0	2	3	0	0	0	0	0	2	0	0	0	0	0	7
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		24	4477	2489	56	122	71	3	141	913	111	10	21	148	50	8636
	Percent :	0%	52%	29%	1%	1%	1%	0%	2%	11%	1%	0%	0%	2%	1%	
	Average :	0	47	26	1	1	1	0	1	10	1	0	0	2	1	91

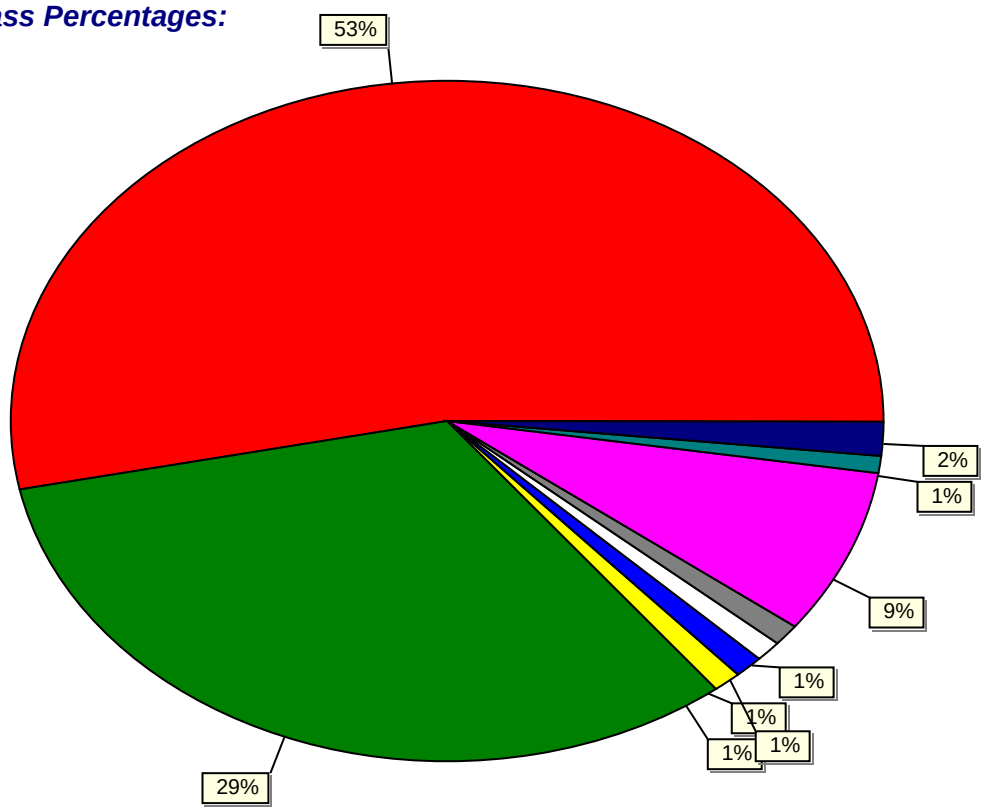
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent :		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Average :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Basic Axle Class Summary: 2D0051456

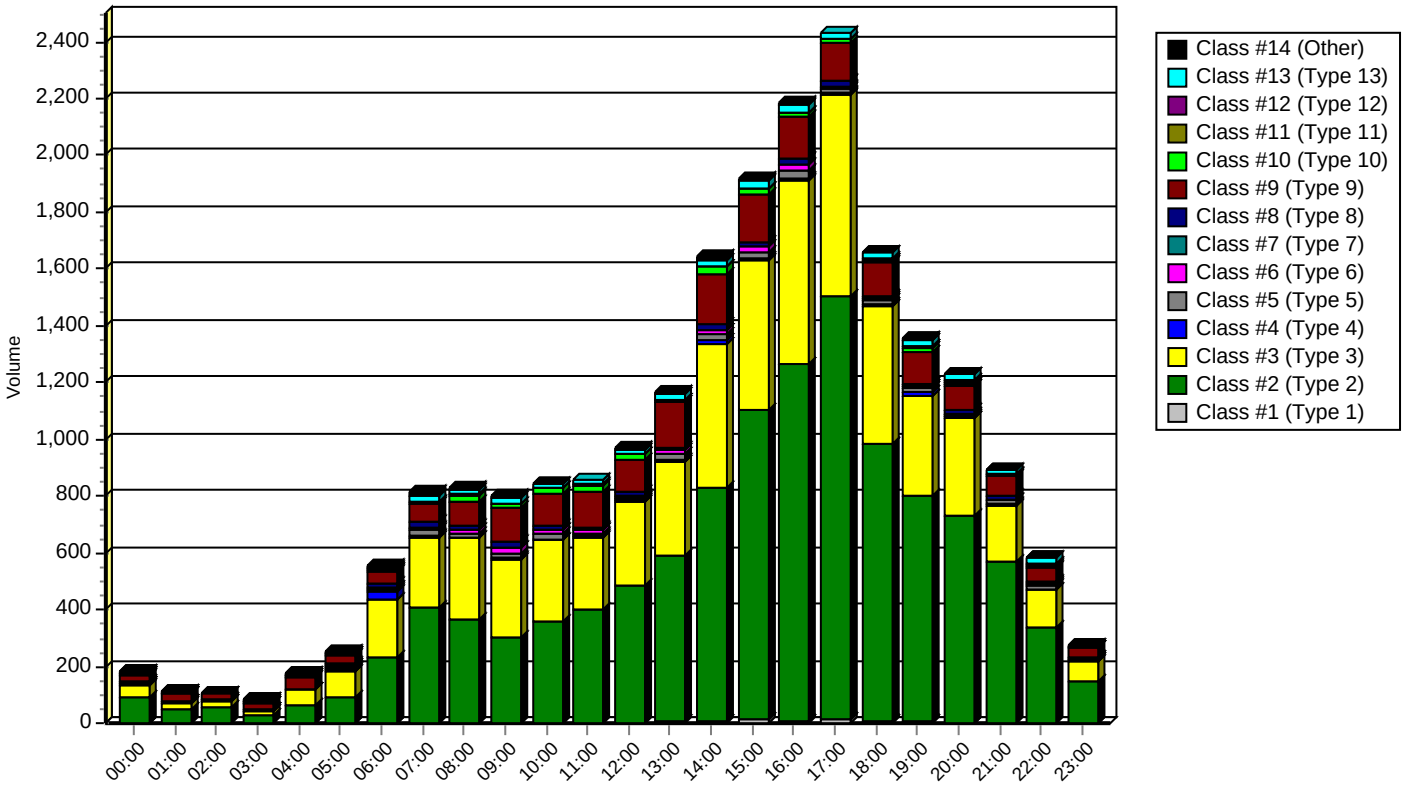
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	77	11720	6406	134	278	195	9	276	2076	257	25	43	345	90	21931
		77	11720	6406	134	278	195	9	276	2076	257	25	43	345	90	21931
Percents :	#1.	0%	53%	29%	1%	1%	1%	0%	1%	9%	1%	0%	0%	2%	0%	100%
		0%	53%	29%	1%	1%	1%	0%	1%	9%	1%	0%	0%	2%	0%	
Average :	#1.	0	44	24	1	1	1	0	1	8	1	0	0	1	0	82
		0	44	24	1	1	1	0	1	8	1	0	0	1	0	82
Days & ADT :	#1.	2.7	7974													
		2.7	7974													

2D0051456 Axle Class Charts For Data From: 13:45 - 04/11/2011 To: 07:59 - 04/14/2011

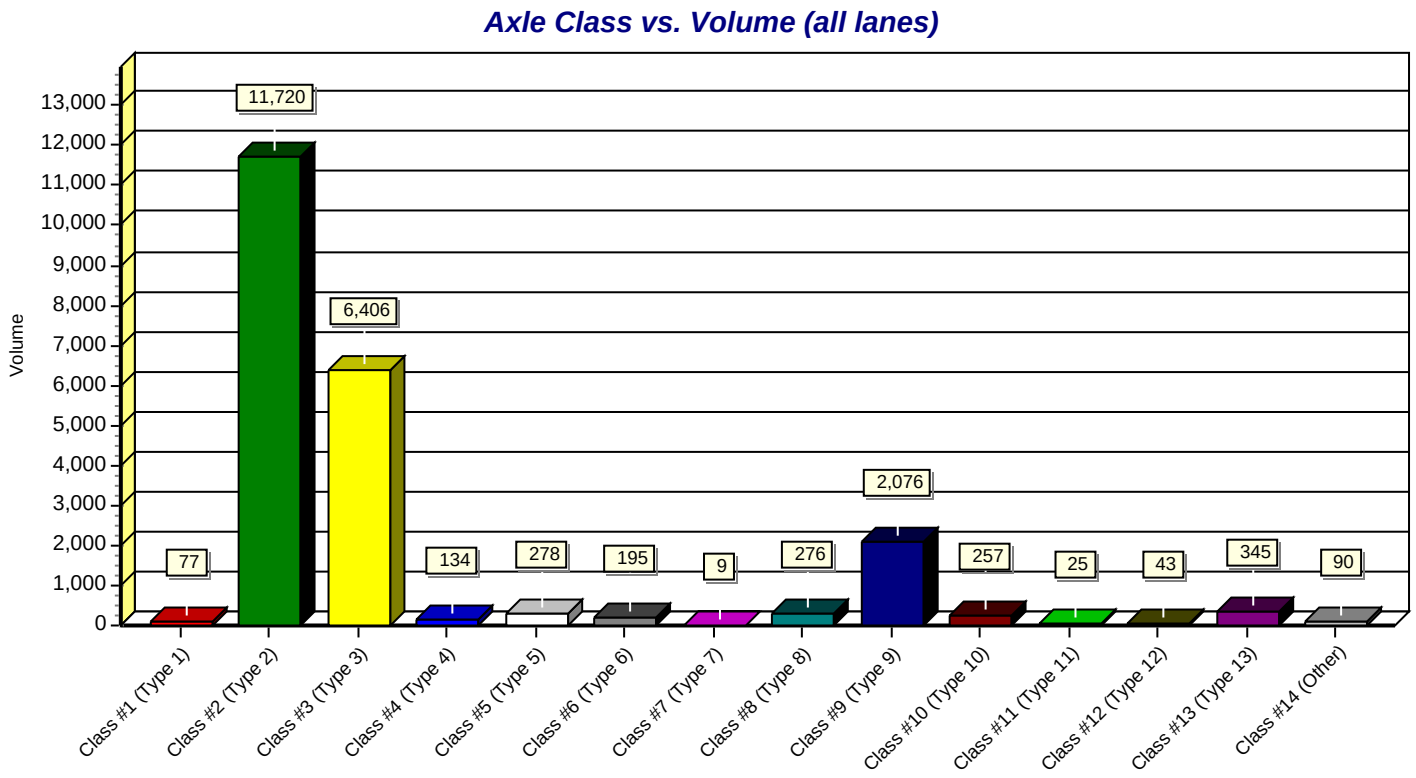
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0051456 Axle Class Charts For Data From: 13:45 - 04/11/2011 To: 07:59 - 04/14/2011



Basic Speed Classification Report: 2D0051456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 13:45 - 04/11/2011 To: 07:59 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	13:45	0	0	0	0	0	0	0	0	11	43	52	5	1	0	0	0	112
Mon	14:00	0	0	0	0	0	0	0	1	10	40	65	8	2	0	0	0	126
	14:15	0	0	0	0	0	0	0	5	17	59	52	5	2	0	0	0	140
	14:30	0	0	0	0	0	0	0	2	15	55	66	6	0	0	0	0	144
	14:45	0	0	0	0	0	2	4	1	14	58	49	9	2	0	0	0	139
	15:00	0	0	0	0	0	1	0	2	16	68	51	8	3	0	0	0	149
	15:15	0	0	0	0	0	0	0	1	11	73	65	10	0	0	1	0	161
	15:30	0	0	0	0	0	0	1	2	19	62	65	9	1	0	0	0	159
	15:45	0	0	0	0	0	0	2	4	11	79	53	6	0	0	0	0	155
	16:00	0	0	0	0	0	0	0	3	19	93	50	5	2	0	0	0	172
	16:15	0	0	0	0	0	0	0	2	16	76	68	10	1	0	0	0	173
	16:30	0	0	0	0	0	0	0	2	12	84	71	7	4	0	0	0	180
	16:45	0	0	0	0	0	0	0	1	9	77	78	9	0	0	0	0	174
	17:00	0	0	0	0	0	0	0	2	8	73	97	18	1	0	0	0	199
	17:15	0	0	0	0	0	0	0	0	10	116	84	9	1	0	0	0	220
	17:30	0	0	0	0	0	0	1	0	17	96	75	10	1	0	0	0	200
	17:45	0	0	0	0	0	0	0	2	8	79	82	11	1	0	0	0	183
	18:00	0	0	0	0	0	0	0	2	21	57	64	13	0	1	0	0	158
	18:15	0	0	0	0	0	0	0	0	17	55	46	6	0	0	0	0	124
	18:30	0	0	0	0	0	0	0	1	10	54	56	8	1	1	0	0	131
	18:45	0	0	0	0	0	0	1	2	13	48	45	12	1	0	0	0	122
	19:00	1	0	0	0	0	0	0	3	5	40	57	9	1	0	0	0	116
	19:15	0	0	0	0	0	0	0	2	4	41	52	8	0	0	0	0	107
	19:30	0	0	0	0	0	0	0	1	9	39	38	12	1	0	0	0	100
	19:45	0	0	0	0	0	0	0	0	8	51	50	6	1	0	0	0	116
	20:00	0	0	0	0	0	0	0	0	5	45	49	3	0	0	0	0	102
	20:15	0	0	0	0	0	0	0	3	9	50	32	5	0	0	0	0	99
	20:30	0	0	0	0	0	0	0	6	9	37	31	4	1	0	0	0	88
	20:45	0	0	0	0	0	0	1	2	22	38	23	2	0	0	0	0	88
	21:00	0	0	0	0	0	0	0	3	16	34	24	4	0	0	0	0	81
	21:15	0	0	0	0	0	0	0	1	20	48	16	3	0	0	0	0	88
	21:30	0	0	0	0	0	0	0	5	11	35	22	5	0	0	0	0	78
	21:45	0	0	0	0	0	0	0	3	8	22	19	3	0	0	0	0	55
	22:00	0	0	0	0	0	0	0	0	10	26	12	1	0	0	0	0	49
	22:15	0	0	0	0	0	0	0	0	20	30	10	1	0	0	0	0	61
	22:30	0	0	0	0	0	0	0	3	9	25	10	1	0	0	0	0	48
	22:45	0	0	0	0	0	0	0	2	3	11	9	2	0	0	0	0	27
	23:00	0	0	0	0	0	0	0	5	7	15	7	0	0	0	0	0	34
	23:15	0	0	0	0	0	0	2	1	4	15	7	1	0	0	0	0	30
	23:30	0	0	0	0	0	0	0	1	5	27	7	1	0	0	0	0	41

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
04/11/11	23:45	0	0	0	0	1	1	0	1	3	14	6	1	0	0	0	0	27
Daily Total :		1	0	0	0	1	4	12	77	471	2088	1815	256	28	2	1	0	4756
Percent :		0%	0%	0%	0%	0%	0%	0%	2%	10%	44%	38%	5%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	2	11	51	44	6	1	0	0	0	82

Speeds - Average: 64.3 50% : 64.4 67% : 66.5 85% : 68.8 10mph Pace: 60.1 - 70.0 (82.1%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	1	2	2	12	6	1	0	0	0	0	24
Tue	00:15	0	0	0	0	0	1	0	5	2	6	2	1	0	0	0	0	17
	00:30	0	0	0	0	0	0	0	1	4	11	7	1	0	0	0	0	24
	00:45	0	0	0	0	0	0	0	1	6	11	6	0	0	0	0	0	24
	01:00	0	0	0	0	0	0	0	0	5	12	2	0	0	0	0	0	19
	01:15	0	0	0	0	0	0	0	1	3	5	2	0	0	0	0	0	11
	01:30	0	0	0	0	0	0	0	0	2	2	4	0	1	0	1	0	10
	01:45	0	0	0	0	0	0	0	0	2	2	5	1	0	0	0	0	10
	02:00	0	0	0	0	0	0	0	2	0	7	2	1	0	0	0	0	12
	02:15	0	0	0	0	0	0	1	2	2	8	1	0	0	0	0	0	14
	02:30	0	0	0	0	0	0	0	0	1	7	6	0	1	0	0	0	15
	02:45	0	0	0	0	0	0	0	0	1	4	5	1	0	0	0	0	11
	03:00	0	0	0	0	0	0	1	1	3	2	1	0	0	0	0	0	8
	03:15	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	4
	03:30	0	0	0	0	0	0	0	0	0	3	4	1	0	0	0	0	8
	03:45	0	0	0	0	0	0	0	2	1	3	8	0	0	0	0	0	14
	04:00	0	0	0	0	0	0	0	1	1	8	4	0	0	0	0	0	14
	04:15	0	0	0	0	0	0	0	2	2	9	6	4	1	0	0	0	24
	04:30	0	0	0	0	0	0	0	0	1	17	2	4	0	0	0	0	24
	04:45	0	0	0	0	0	1	0	2	6	4	6	1	3	0	0	0	23
	05:00	0	0	0	0	0	0	0	1	3	12	3	2	0	0	0	0	21
	05:15	0	0	0	0	0	0	0	0	1	15	7	1	0	0	0	0	24
	05:30	0	0	0	0	0	0	0	0	7	15	16	2	0	0	0	0	40
	05:45	0	0	0	0	0	0	1	0	6	18	16	2	0	0	0	0	43
	06:00	0	0	0	0	0	0	0	3	5	24	18	0	0	0	0	0	50
	06:15	0	0	0	0	1	0	1	2	5	39	22	1	1	0	0	0	72
	06:30	0	0	0	0	0	0	0	4	4	34	25	3	0	0	0	0	70
	06:45	0	0	0	0	0	0	1	3	7	29	36	5	0	2	0	0	83
	07:00	0	0	0	0	0	0	0	1	11	35	39	6	0	0	0	0	92
	07:15	0	0	0	0	0	0	0	1	11	49	38	4	1	0	0	0	104
	07:30	0	0	0	0	0	0	0	3	12	55	26	6	0	0	0	0	102
	07:45	0	0	0	0	0	0	0	1	18	49	39	5	0	0	0	0	112
	08:00	0	0	0	0	0	0	0	1	9	56	30	7	1	0	0	0	104
	08:15	0	0	0	0	0	0	0	2	13	40	29	2	2	0	0	0	88
	08:30	0	0	0	0	0	1	1	7	22	41	25	2	0	0	0	0	99
	08:45	1	0	0	0	0	0	0	4	16	59	35	3	0	0	0	0	118
	09:00	0	0	1	0	0	0	1	0	18	51	26	2	0	0	0	0	99
	09:15	1	0	0	0	0	0	0	3	16	34	23	4	1	0	0	0	82
	09:30	0	0	0	0	0	0	1	4	14	37	34	3	0	0	0	0	93
	09:45	0	0	0	0	0	0	0	3	13	54	23	9	0	0	0	0	102
	10:00	0	0	0	0	0	0	0	3	18	49	27	4	0	0	0	0	101
	10:15	0	0	0	0	0	0	0	3	14	54	34	5	0	0	0	0	110
	10:30	0	0	0	0	0	0	0	5	13	50	32	4	0	0	0	0	104
	10:45	0	0	0	0	0	0	1	4	16	61	22	0	1	0	0	0	105
	11:00	0	0	0	0	0	0	0	1	4	52	35	3	1	1	0	0	97
	11:15	0	0	0	0	0	0	0	4	10	50	36	4	0	0	0	0	104
	11:30	2	0	0	0	1	0	1	3	14	44	43	6	0	0	0	0	114
	11:45	0	0	0	0	0	0	0	2	18	52	25	7	1	0	0	0	105
	12:00	0	0	0	0	1	0	0	2	14	52	48	2	0	0	0	0	119
	12:15	0	0	0	0	0	0	0	3	15	43	32	3	1	0	0	0	97

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	5	18	64	39	6	1	0	1	0	134
Tue	12:45	0	0	0	0	0	0	0	1	13	61	35	3	0	0	0	0	113
	13:00	0	0	0	0	0	0	0	3	16	72	39	5	1	0	0	0	136
	13:15	0	0	0	0	0	1	1	14	28	54	35	6	1	0	0	0	140
	13:30	0	0	0	0	0	0	0	2	22	61	30	7	1	0	0	0	123
	13:45	0	0	0	0	0	0	1	3	29	47	37	8	0	0	0	0	125
	14:00	0	0	0	0	0	0	0	1	8	72	40	4	1	0	0	0	126
	14:15	0	0	1	0	0	0	2	3	18	61	47	12	0	0	0	0	144
	14:30	0	0	0	0	0	0	0	2	26	60	41	1	1	1	0	0	132
	14:45	0	0	0	0	0	0	1	3	15	76	48	5	1	0	0	0	149
	15:00	0	0	0	0	0	0	1	9	17	72	44	3	0	1	0	0	147
	15:15	0	0	0	0	0	0	0	2	19	75	54	5	0	0	0	0	155
	15:30	0	0	0	0	0	0	1	5	22	73	41	3	1	0	0	0	146
	15:45	0	0	0	0	0	0	0	1	24	86	52	4	0	0	0	0	167
	16:00	0	0	0	0	0	0	0	5	26	88	56	5	1	0	0	0	181
	16:15	0	0	0	0	0	0	0	3	16	94	59	5	0	0	0	0	177
	16:30	0	0	0	0	0	0	0	8	30	90	51	3	1	0	0	0	183
	16:45	0	0	0	0	0	0	0	0	28	100	63	9	0	0	0	0	200
	17:00	0	0	0	0	0	1	0	1	21	105	66	7	0	0	0	0	201
	17:15	0	0	0	0	0	0	1	6	22	108	90	3	1	0	0	0	231
	17:30	0	0	0	0	0	0	0	3	19	93	68	6	0	0	0	0	189
	17:45	0	0	0	0	0	0	0	0	10	77	77	6	0	0	0	0	170
	18:00	0	0	0	0	0	0	0	2	14	63	76	7	0	0	0	0	162
	18:15	0	0	0	0	0	2	1	2	17	66	49	11	0	0	0	0	148
	18:30	0	0	0	0	0	0	0	3	17	63	52	10	1	0	0	0	146
	18:45	0	0	0	0	0	0	0	0	9	64	41	2	1	0	0	0	117
	19:00	0	0	0	0	0	0	0	0	13	70	47	3	0	0	0	0	133
	19:15	0	0	0	0	0	1	0	0	24	61	41	2	0	0	0	0	129
	19:30	0	0	0	0	0	0	0	3	13	64	38	7	0	0	0	0	125
	19:45	0	0	0	0	0	0	0	0	16	47	44	2	0	0	0	0	109
	20:00	0	0	0	0	0	0	0	3	16	57	30	5	1	0	0	0	112
	20:15	0	0	0	0	0	0	0	4	14	68	33	2	0	0	0	0	121
	20:30	0	0	0	0	0	0	1	8	22	49	16	1	0	0	0	0	97
	20:45	0	0	0	0	0	0	3	8	26	49	17	1	1	0	0	0	105
	21:00	0	0	0	0	0	0	0	3	14	42	22	1	0	0	0	0	82
	21:15	0	0	0	0	0	0	0	1	9	39	30	1	0	0	0	0	80
	21:30	0	0	0	0	0	0	0	5	14	37	11	0	0	0	0	0	67
	21:45	0	0	0	0	0	0	1	3	6	34	9	0	1	0	0	0	54
	22:00	0	0	0	0	0	0	0	0	7	30	20	1	0	0	0	0	58
	22:15	0	0	0	0	0	0	2	1	11	30	11	0	0	0	0	0	55
	22:30	0	0	0	0	0	0	3	3	10	29	7	1	1	0	0	0	54
	22:45	0	0	0	0	0	0	0	2	5	15	17	2	0	0	0	0	41
	23:00	0	0	0	0	0	0	0	2	2	18	10	1	0	0	0	0	33
	23:15	0	0	0	0	0	0	0	0	4	13	6	0	0	0	0	0	23
	23:30	0	0	0	0	0	1	2	2	5	11	8	0	0	0	0	0	29
	23:45	0	0	0	0	0	0	0	0	7	10	9	0	0	0	0	0	26

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	0	2	0	3	9	32	231	1133	4107	2679	299	33	5	2	0	8539
Percent :		0%	0%	0%	0%	0%	0%	0%	3%	13%	48%	31%	4%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	2	12	43	28	3	0	0	0	0	115

Speeds - Average: 63.4 50% : 63.5 67% : 65.4 85% : 68.3 10mph Pace: 60.1 - 70.0 (79.5%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	1	5	11	8	0	0	0	0	0	25
Wed	00:15	0	0	0	0	0	1	1	3	5	10	3	1	0	0	0	0	24
	00:30	0	0	0	0	0	0	0	0	3	12	5	1	1	0	0	0	22
	00:45	0	0	0	0	0	0	0	4	2	14	2	0	0	0	0	0	22
	01:00	0	0	0	0	0	0	0	3	1	4	8	0	0	0	0	0	16
	01:15	0	0	0	0	0	0	0	1	1	4	7	0	0	0	0	0	13
	01:30	0	0	0	0	0	0	0	0	0	6	5	2	0	0	0	0	13
	01:45	0	0	0	0	0	0	0	2	3	9	5	0	0	0	0	0	19
	02:00	0	0	0	0	0	0	0	0	1	4	7	1	1	0	0	0	14
	02:15	0	0	0	0	0	0	0	0	3	10	4	2	0	0	0	0	19
	02:30	0	0	0	0	0	0	1	1	2	5	4	0	0	0	0	0	13
	02:45	0	0	0	0	0	0	0	1	2	5	2	0	0	0	0	0	10
	03:00	0	0	0	0	0	0	0	0	1	4	5	2	0	0	0	0	12
	03:15	0	0	0	0	0	0	0	0	1	5	2	0	1	0	0	0	9
	03:30	0	0	0	0	0	0	0	0	4	6	5	1	0	0	0	0	16
	03:45	0	0	0	0	0	0	0	0	3	6	3	2	0	0	0	0	14
	04:00	0	0	0	0	0	0	1	0	4	7	3	0	0	0	0	0	15
	04:15	0	0	0	0	0	0	0	0	5	9	6	0	0	0	0	0	20
	04:30	0	0	0	0	0	0	0	0	4	11	10	0	0	0	0	0	25
	04:45	0	0	0	0	0	0	0	0	6	16	9	3	0	0	0	0	34
	05:00	0	0	0	0	0	0	0	0	1	7	9	0	0	0	0	0	17
	05:15	0	0	0	0	0	0	0	0	4	12	12	1	0	0	0	0	29
	05:30	0	0	0	0	0	0	0	0	7	11	13	2	0	0	0	0	33
	05:45	0	0	0	0	0	0	0	1	8	19	13	2	0	0	0	0	43
	06:00	0	0	0	0	0	0	0	0	3	27	20	1	0	0	0	0	51
	06:15	0	0	0	0	0	0	0	1	2	27	32	3	2	0	0	0	67
	06:30	0	0	0	0	0	0	0	2	9	20	23	12	2	0	0	0	68
	06:45	0	0	0	0	0	0	0	3	11	26	39	10	3	0	0	0	92
	07:00	0	0	0	0	1	0	0	0	4	41	45	10	0	0	0	0	101
	07:15	0	0	0	0	0	0	0	0	3	34	47	6	2	0	0	0	92
	07:30	0	0	0	0	0	0	2	3	6	44	35	8	1	0	0	0	99
	07:45	0	0	0	0	0	0	0	1	9	53	38	9	1	0	0	0	111
	08:00	0	0	0	0	0	0	4	0	13	35	47	6	0	0	0	0	105
	08:15	0	0	0	0	0	0	0	3	15	35	43	12	1	0	0	0	109
	08:30	0	0	0	0	0	0	0	1	6	51	32	10	1	0	0	0	101
	08:45	0	0	0	0	0	0	0	2	11	51	37	6	1	0	0	0	108
	09:00	0	0	0	0	0	0	1	2	14	60	34	2	0	0	0	0	113
	09:15	0	0	0	0	0	0	0	7	8	51	31	7	0	0	0	0	104
	09:30	0	0	0	0	0	1	2	3	12	34	37	10	0	0	0	0	99
	09:45	0	0	0	0	0	0	0	9	22	44	28	4	0	0	0	0	107
	10:00	0	0	0	1	0	0	0	0	16	63	27	2	0	0	0	0	109
	10:15	0	0	0	0	1	0	0	4	16	41	30	3	1	0	0	0	96
	10:30	0	0	0	0	0	0	2	1	18	58	21	5	2	0	0	0	107
	10:45	0	0	0	0	0	1	0	3	21	48	34	2	1	0	0	0	110
	11:00	0	0	0	0	0	0	0	2	10	47	34	5	0	0	0	0	98
	11:15	0	0	0	0	0	0	0	6	14	50	33	2	0	0	0	0	105
	11:30	0	0	0	0	0	0	1	3	18	51	36	3	2	0	0	0	114
	11:45	0	0	0	0	0	0	0	3	17	62	29	8	2	0	0	0	121
	12:00	0	0	0	0	0	0	2	2	19	58	40	4	1	0	0	0	126
	12:15	0	0	0	0	0	0	0	3	33	53	34	3	0	0	0	0	126

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	1	19	75	30	8	2	0	0	0	135
Wed	12:45	0	0	0	0	0	0	2	5	16	55	32	8	0	0	0	0	118
	13:00	0	0	0	0	0	0	0	7	14	65	35	4	0	0	0	0	125
	13:15	0	0	0	0	0	0	0	5	31	57	28	5	1	0	0	0	127
	13:30	0	0	0	0	0	0	0	6	16	76	33	2	0	0	0	0	133
	13:45	0	0	0	0	0	0	0	3	36	72	26	5	1	0	0	0	143
	14:00	1	0	0	0	0	0	1	1	16	71	41	2	2	0	0	0	135
	14:15	0	0	0	0	0	0	0	4	29	68	31	5	0	0	0	0	137
	14:30	0	0	0	0	0	0	1	5	21	67	40	1	1	0	0	0	136
	14:45	0	0	0	0	0	0	1	6	19	61	40	7	2	0	0	0	136
	15:00	0	1	0	0	0	0	1	2	22	65	38	5	0	0	0	0	134
	15:15	0	0	0	0	0	1	1	6	32	86	56	5	0	0	0	0	187
	15:30	0	0	0	0	0	0	0	5	21	89	53	4	0	0	0	0	172
	15:45	0	0	0	0	0	0	0	2	31	94	51	9	1	0	0	0	188
	16:00	0	0	0	0	0	0	0	2	27	102	46	6	0	0	0	0	183
	16:15	0	0	0	0	0	0	0	1	30	76	49	4	0	1	0	0	161
	16:30	0	0	0	0	0	1	1	4	24	95	61	8	0	0	0	0	194
	16:45	0	0	0	0	0	0	2	6	36	81	73	8	2	0	0	0	208
	17:00	0	0	0	0	0	0	0	1	23	113	82	10	0	0	0	0	229
	17:15	0	0	0	0	0	0	0	10	28	108	69	4	0	0	0	0	219
	17:30	0	0	0	0	0	0	0	9	36	81	71	3	0	0	0	0	200
	17:45	0	0	0	0	0	0	1	4	31	89	61	5	0	0	0	0	191
	18:00	0	0	0	0	0	0	1	0	15	71	70	3	2	0	0	0	162
	18:15	0	0	0	0	1	0	0	0	16	69	53	11	0	0	0	0	150
	18:30	1	0	0	0	0	0	0	3	18	66	31	1	0	0	0	0	120
	18:45	0	0	0	0	0	0	1	3	22	73	20	0	0	0	0	0	119
	19:00	1	0	0	0	0	0	1	8	29	53	19	0	0	0	0	0	111
	19:15	0	0	0	0	0	0	1	12	36	46	18	2	0	0	0	0	115
	19:30	0	0	0	0	0	0	0	3	11	59	23	4	0	0	0	0	100
	19:45	0	0	0	0	0	0	1	6	19	44	23	2	0	0	0	0	95
	20:00	0	0	0	0	0	0	1	4	12	41	31	4	1	0	0	0	94
	20:15	1	0	0	0	0	0	1	7	30	57	26	2	0	1	0	0	125
	20:30	0	0	0	0	0	0	0	4	30	46	23	0	0	0	0	0	103
	20:45	0	0	0	0	0	0	1	5	23	37	29	3	1	0	0	0	99
	21:00	0	0	0	0	0	0	1	2	22	44	11	1	0	0	0	0	81
	21:15	0	0	0	0	0	0	1	6	17	49	21	0	0	0	0	0	94
	21:30	0	0	0	0	0	0	1	5	14	33	16	4	0	0	0	0	73
	21:45	0	0	0	0	0	0	1	2	13	36	10	0	0	0	0	0	62
	22:00	0	0	0	0	0	0	0	2	7	34	12	0	0	0	0	0	55
	22:15	0	0	0	0	0	0	1	2	12	25	12	2	0	0	0	0	54
	22:30	0	0	0	0	0	0	1	3	13	19	9	1	0	0	0	0	46
	22:45	0	0	0	0	0	0	0	1	4	21	12	0	0	0	0	0	38
	23:00	0	0	0	0	1	0	0	4	6	9	4	2	0	0	0	0	26
	23:15	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	7
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	1	0	1	4	5	42	258	1335	4051	2557	334	42	2	0	0	8636
Percent :		0%	0%	0%	0%	0%	0%	0%	3%	15%	47%	30%	4%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	3	14	42	27	3	0	0	0	0	88

Speeds - Average: 63.2 50% : 63.3 67% : 65.2 85% : 68.2 10mph Pace: 60.1 - 70.0 (76.5%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent :		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Average :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89

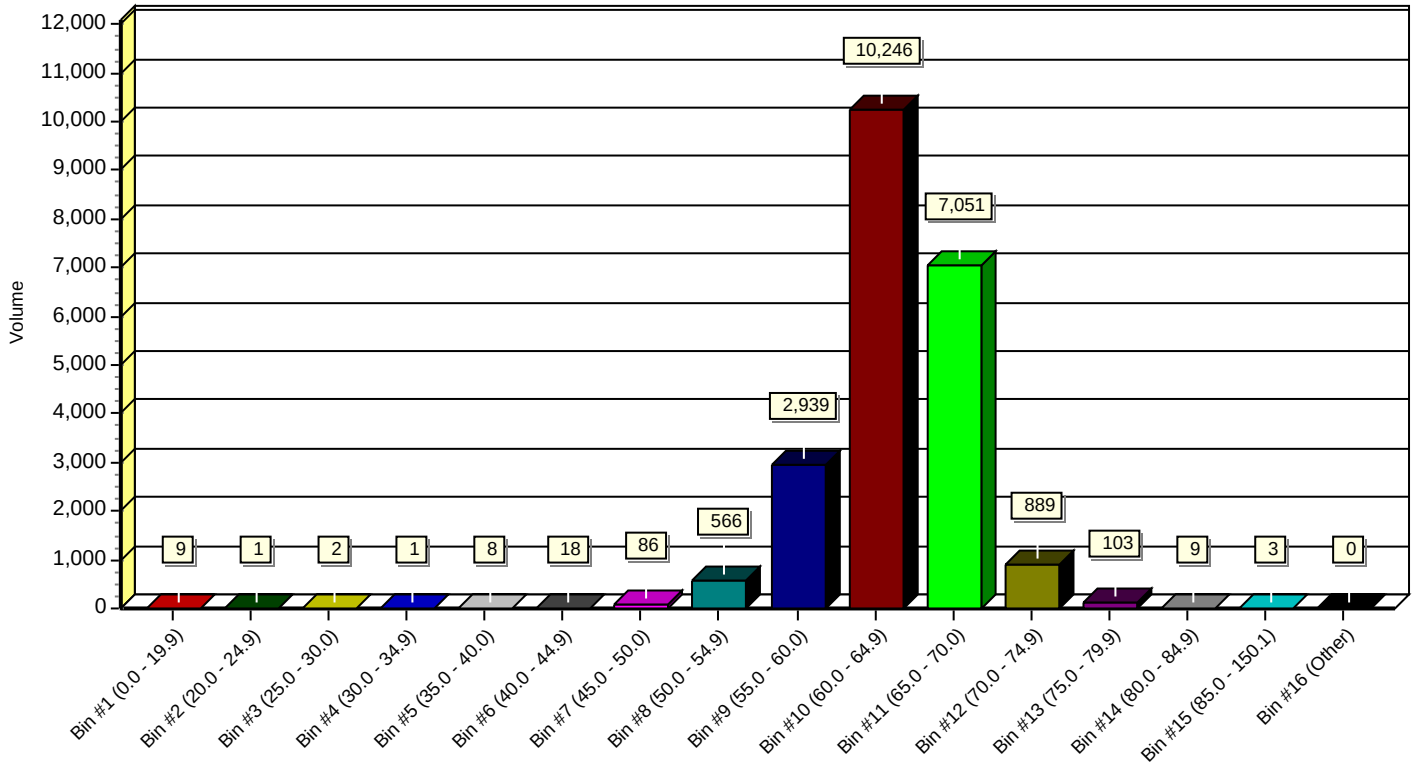
Speeds - Average: 0.0 50% : 0.0 67% : 0.0 85% : 0.0 10mph Pace: 0.0 - 9.9 (0.0%)

Basic Speed Class Summary: 2D0051456

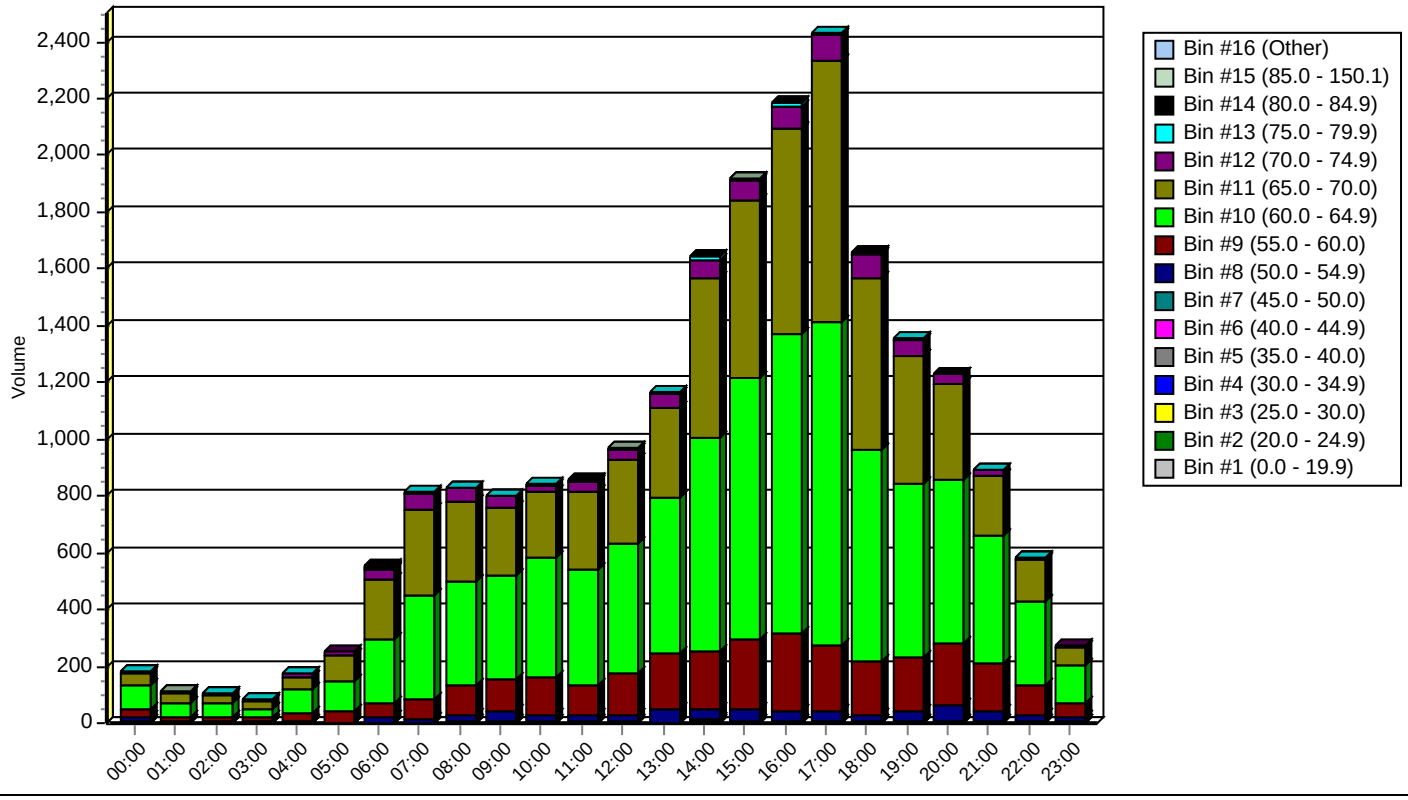
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	9	1	2	1	8	18	86	566	2939	10246	7051	889	103	9	3	0	21931
		9	1	2	1	8	18	86	566	2939	10246	7051	889	103	9	3	0	21931
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	3%	13%	47%	32%	4%	0%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	3%	13%	47%	32%	4%	0%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	2	11	39	27	3	0	0	0	0	82
		0	0	0	0	0	0	0	2	11	39	27	3	0	0	0	0	82
Days & ADT :	#1.	2.7	7974															
		2.7	7974															
Avg,50,67,85%:	#1.	63.5	63.6	65.6	68.4	60.1	- 70.0	79%										
		63.5	63.6	65.6	68.4	60.1	- 70.0	79%										

2D0051456 Speed Class Charts For Data From: 13:45 - 04/11/2011 To: 07:59 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0051456

Station ID : 2P0051456
Info Line 1 : 90994535
Info Line 2 : I-90 WESTOF JON
GPS Lat/Lon :
DB File : 2P0051456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 14599
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 13:30 - 04/11/2011 To: 07:59 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	13:30	0	31	28	0	0	1	0	0	2	1	0	0	0	1	64
Mon	13:45	0	14	15	0	1	0	0	2	0	1	0	0	1	0	34
	14:00	0	15	17	0	0	0	0	0	0	0	0	0	0	0	32
	14:15	0	20	19	1	1	0	0	0	1	0	0	0	0	0	42
	14:30	0	16	15	0	1	0	0	0	0	0	0	0	0	1	33
	14:45	1	17	31	0	1	0	0	0	0	0	0	0	1	0	51
	15:00	0	34	20	0	0	0	0	0	0	1	0	0	0	1	56
	15:15	0	26	25	0	2	0	0	0	3	0	0	0	0	0	56
	15:30	0	33	22	0	1	0	0	1	0	1	0	0	0	1	59
	15:45	1	25	24	0	1	0	0	1	0	0	0	0	2	1	55
	16:00	1	37	27	0	0	0	0	1	1	0	0	0	1	0	68
	16:15	0	27	28	0	1	0	0	0	1	0	0	0	0	0	57
	16:30	0	38	19	0	0	0	0	1	2	0	0	0	0	0	60
	16:45	1	50	40	0	1	0	0	0	3	0	0	0	0	0	95
	17:00	0	40	37	0	2	0	0	1	0	0	0	0	0	0	80
	17:15	1	49	43	0	0	0	0	0	2	1	0	0	0	2	98
	17:30	0	49	33	0	1	0	0	1	1	0	0	0	1	0	86
	17:45	0	36	33	0	0	0	0	1	0	0	0	0	0	2	72
	18:00	0	28	25	0	0	0	0	0	2	0	0	0	0	0	55
	18:15	0	18	16	0	1	0	0	0	0	0	0	0	0	0	35
	18:30	1	18	15	0	0	0	0	0	0	0	0	0	0	0	34
	18:45	0	12	5	0	0	0	0	1	0	0	0	0	0	0	18
	19:00	0	10	6	0	2	0	0	0	0	0	0	0	0	0	18
	19:15	0	12	9	0	0	0	0	0	0	0	0	0	0	0	21
	19:30	0	9	10	0	0	0	0	0	0	0	0	0	0	0	19
	19:45	0	11	14	0	0	0	0	0	0	0	0	0	0	0	25
	20:00	0	12	6	0	0	0	0	0	1	0	0	0	0	0	19
	20:15	0	12	6	1	0	0	0	0	1	0	0	0	1	0	21
	20:30	0	9	9	0	0	0	0	0	0	0	0	0	0	0	18
	20:45	0	9	9	0	0	0	0	0	1	0	0	0	0	0	19
	21:00	0	11	7	0	0	0	0	0	0	0	0	0	1	0	19
	21:15	0	9	6	0	1	0	0	0	0	0	0	0	0	0	16
	21:30	0	5	6	0	0	0	0	0	0	0	0	0	0	0	11
	21:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	22:00	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4
Mon	22:15	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	22:30	0	2	5	0	0	0	0	0	0	0	0	0	0	0	7
	22:45	0	1	1	0	0	1	0	0	0	0	0	0	0	0	3
	23:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	23:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		6	755	642	2	18	2	0	10	22	5	0	0	8	9	1479
	Percent :	0%	51%	43%	0%	1%	0%	0%	1%	1%	0%	0%	0%	1%	1%	
	Average :	0	18	15	0	0	0	0	0	1	0	0	0	0	0	34

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	04:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:30	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	05:45	0	1	1	0	0	1	0	0	0	0	0	0	0	0	3
	06:00	0	2	4	1	0	0	0	1	0	0	0	0	0	0	8
	06:15	0	2	3	0	0	0	0	0	1	0	0	0	0	0	6
	06:30	0	10	7	0	0	0	0	0	0	0	0	0	0	0	17
	06:45	0	10	6	0	0	0	0	0	1	0	0	0	0	0	17
	07:00	0	12	7	0	0	0	0	0	3	0	0	0	0	0	22
	07:15	0	18	7	0	0	0	0	0	1	0	0	0	0	0	26
	07:30	0	8	13	1	0	0	0	0	2	0	0	0	0	0	24
	07:45	0	12	9	0	0	2	0	0	3	0	0	0	0	0	26
	08:00	0	14	10	0	0	1	0	0	2	0	0	0	0	0	27
	08:15	0	9	10	0	1	0	0	0	1	0	0	0	0	0	21
	08:30	0	13	11	0	0	0	0	0	1	0	0	0	4	1	30
	08:45	0	9	16	0	1	1	0	0	1	1	0	0	0	0	29
	09:00	0	9	19	1	0	0	0	0	3	0	0	0	0	0	32
	09:15	0	9	10	0	2	1	0	0	4	0	0	0	0	0	26
	09:30	0	6	9	0	1	0	0	0	1	0	0	0	0	0	17
	09:45	1	15	12	0	0	0	0	0	1	0	0	0	0	0	29
	10:00	0	10	7	0	0	0	0	0	2	0	0	0	0	0	19
	10:15	0	10	9	0	0	0	0	0	1	0	0	0	0	0	20
	10:30	0	11	15	0	1	0	0	0	0	0	0	0	0	0	27
	10:45	0	16	15	0	0	0	0	0	0	0	0	0	0	1	32
	11:00	0	6	11	0	0	0	0	0	0	0	0	0	0	0	17
	11:15	0	7	7	0	0	0	0	0	1	0	0	0	0	0	15
	11:30	0	12	12	0	2	2	0	0	2	0	0	0	1	0	31
	11:45	0	17	10	0	0	1	0	0	0	0	0	0	0	0	28
	12:00	0	13	13	1	0	0	0	0	0	1	0	0	0	1	29
	12:15	0	13	5	0	0	0	0	0	6	0	0	0	1	2	27

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	1	14	15	0	0	0	0	0	0	0	0	0	0	0	30
Tue	12:45	0	10	16	0	0	0	0	0	0	0	0	0	1	0	27
	13:00	0	10	19	0	0	0	0	0	1	0	0	0	1	0	31
	13:15	0	25	21	1	0	0	0	0	2	0	0	0	1	1	51
	13:30	0	13	18	0	0	0	0	1	6	0	0	0	0	0	38
	13:45	0	13	11	0	1	0	0	1	0	0	0	0	0	0	26
	14:00	0	18	18	0	0	0	0	0	1	0	0	0	0	0	37
	14:15	0	19	16	0	0	0	0	0	1	0	0	0	0	0	36
	14:30	0	18	11	0	0	0	0	0	6	0	0	0	0	0	35
	14:45	0	18	11	0	0	0	0	0	2	0	0	0	0	0	31
	15:00	0	21	26	1	0	0	0	1	2	0	0	0	0	1	52
	15:15	0	26	20	1	1	0	0	0	1	0	0	0	0	0	49
	15:30	0	36	13	1	0	0	0	0	3	2	0	0	0	0	55
	15:45	0	24	27	0	1	0	0	1	2	0	0	0	0	1	56
	16:00	0	35	26	0	0	0	0	0	0	0	0	0	0	2	63
	16:15	0	41	16	0	0	2	0	0	1	0	0	0	0	0	60
	16:30	0	37	32	0	0	0	0	1	5	0	0	0	1	0	76
	16:45	0	37	53	0	0	0	0	0	1	0	0	0	0	0	91
	17:00	0	52	38	0	1	0	0	2	1	0	0	0	0	0	94
	17:15	0	64	39	0	1	0	0	1	4	1	0	0	0	1	111
	17:30	0	41	43	0	1	0	0	0	2	0	0	0	0	1	88
	17:45	0	37	18	0	0	0	0	0	1	0	0	0	0	0	56
	18:00	0	25	18	0	1	0	0	1	1	0	0	0	0	0	46
	18:15	1	31	20	0	0	0	0	0	3	0	0	0	0	0	55
	18:30	0	21	15	1	1	0	0	0	2	0	0	0	0	0	40
	18:45	1	17	15	0	0	0	0	0	3	0	0	0	0	0	36
	19:00	0	19	8	0	0	0	0	0	1	0	0	0	1	0	29
	19:15	0	23	13	0	0	0	0	0	1	0	0	0	2	0	39
	19:30	0	18	12	0	0	0	0	0	0	0	0	0	2	1	33
	19:45	0	14	7	0	0	0	0	0	1	0	0	0	0	0	22
	20:00	0	16	15	0	1	0	0	0	1	0	0	0	0	0	33
	20:15	0	20	15	0	1	0	0	0	1	0	0	0	0	0	37
	20:30	1	18	9	0	1	0	0	0	1	0	0	0	0	0	30
	20:45	0	12	8	0	0	0	0	0	1	0	0	0	1	0	22
	21:00	0	10	7	0	0	0	0	0	0	0	0	0	0	1	18
	21:15	0	7	6	0	1	0	0	0	1	0	0	0	0	0	15
	21:30	0	8	3	0	0	0	0	1	1	0	0	0	0	0	13
	21:45	0	0	2	0	0	0	0	0	1	0	0	0	0	0	3
	22:00	0	5	6	0	0	0	0	0	0	0	0	0	0	0	11
	22:15	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	22:30	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
	22:45	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		5	1171	961	9	20	11	0	11	100	5	0	0	18	14	2325
	Percent :	0%	50%	41%	0%	1%	0%	0%	0%	4%	0%	0%	0%	1%	1%	
	Average :	0	12	10	0	0	0	0	0	1	0	0	0	0	0	23

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	05:15	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	05:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	05:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	06:00	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	06:15	0	6	6	0	0	0	0	0	1	0	0	0	0	0	13
	06:30	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	06:45	0	7	7	0	1	0	0	0	1	0	0	0	0	0	16
	07:00	0	16	11	0	0	0	0	0	0	0	0	0	0	1	28
	07:15	0	10	7	0	0	0	0	1	2	0	0	0	0	0	20
	07:30	0	19	8	1	0	0	0	0	2	0	0	0	0	1	31
	07:45	0	12	9	0	1	0	0	0	2	0	0	0	0	0	24
	08:00	2	19	20	0	1	0	0	0	0	0	0	0	0	0	42
	08:15	0	9	12	0	0	0	0	0	0	0	0	0	0	1	22
	08:30	0	10	10	0	0	0	0	0	3	0	0	0	0	1	24
	08:45	0	12	15	0	1	0	0	1	2	0	0	0	1	0	32
	09:00	0	16	13	0	1	0	0	0	1	0	0	0	0	0	31
	09:15	0	10	19	2	0	0	0	0	0	0	0	0	1	0	32
	09:30	0	12	11	0	0	0	0	0	4	0	0	0	0	0	27
	09:45	1	9	11	0	0	0	0	0	4	0	0	0	0	1	26
	10:00	0	7	9	0	1	0	0	1	2	0	0	0	1	1	22
	10:15	0	10	9	0	0	0	0	0	3	0	0	0	0	0	22
	10:30	0	12	8	0	1	0	0	0	3	0	0	0	0	0	24
	10:45	0	10	5	0	0	1	0	0	0	0	0	0	0	0	16
	11:00	0	16	10	0	0	0	0	0	0	0	0	0	1	0	27
	11:15	0	8	13	0	1	1	0	0	1	2	0	0	0	0	26
	11:30	0	14	11	1	0	0	0	0	3	0	0	0	0	0	29
	11:45	0	10	21	0	0	0	0	2	4	0	0	0	0	0	37
	12:00	0	15	9	0	1	0	0	0	1	0	0	0	0	1	27
	12:15	0	5	14	0	0	0	0	2	1	0	0	0	0	0	22

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	15	17	0	0	0	0	1	2	0	0	0	0	0	35
Wed	12:45	1	20	13	0	0	0	0	0	1	0	0	0	0	0	35
	13:00	0	13	13	1	0	0	0	0	2	0	0	0	0	0	29
	13:15	0	21	15	0	2	0	0	0	3	0	0	0	1	0	42
	13:30	0	15	16	0	0	0	0	0	0	1	0	0	0	0	32
	13:45	0	21	25	0	0	1	0	0	3	1	0	0	1	0	52
	14:00	0	22	13	1	0	0	0	0	0	0	0	0	0	1	37
	14:15	0	25	15	0	1	0	0	0	5	1	0	0	0	0	47
	14:30	1	17	24	1	0	0	0	1	0	0	0	0	0	0	44
	14:45	1	27	17	0	0	0	0	1	3	0	0	0	0	1	50
	15:00	0	33	28	0	1	0	0	0	6	0	0	0	1	0	69
	15:15	1	30	34	2	0	0	0	0	1	1	0	0	0	0	69
	15:30	1	27	23	0	0	0	0	2	1	1	0	0	1	0	56
	15:45	0	35	28	0	0	2	0	0	4	0	0	0	0	0	69
	16:00	0	32	28	0	0	1	0	1	3	2	0	0	0	1	68
	16:15	0	39	24	0	1	0	0	0	1	1	0	0	0	0	66
	16:30	1	34	31	0	1	0	0	0	2	0	0	0	1	1	71
	16:45	1	46	49	0	1	0	0	0	4	0	0	0	0	1	102
	17:00	0	42	38	0	1	0	0	1	4	0	0	0	0	1	87
	17:15	0	68	41	0	0	0	0	0	5	0	0	0	0	1	115
	17:30	0	53	51	0	0	0	0	1	1	0	0	0	0	1	107
	17:45	0	45	29	0	3	0	0	0	3	1	0	0	0	2	83
	18:00	0	34	17	0	0	0	0	1	2	0	0	0	0	1	55
	18:15	0	25	19	0	1	0	0	0	1	0	0	0	0	0	46
	18:30	0	20	9	0	1	0	0	0	1	0	0	0	0	0	31
	18:45	0	14	6	0	0	0	0	0	1	0	0	0	1	1	23
	19:00	0	13	6	1	0	0	0	0	0	0	0	0	2	0	22
	19:15	0	8	13	0	0	0	0	0	4	1	0	0	0	0	26
	19:30	0	9	11	0	1	0	0	0	0	0	0	0	0	0	21
	19:45	0	13	8	0	2	0	0	0	0	0	0	0	1	0	24
	20:00	0	11	7	0	0	0	0	0	0	0	0	0	0	0	18
	20:15	0	11	7	0	0	0	0	0	1	0	1	0	1	0	21
	20:30	0	13	7	0	0	0	0	0	1	0	0	0	0	0	21
	20:45	1	12	11	0	0	0	0	0	2	0	0	0	0	0	26
	21:00	0	11	6	0	1	0	0	0	1	0	0	0	0	0	19
	21:15	0	10	6	0	0	0	0	0	1	0	0	0	0	0	17
	21:30	0	9	2	0	0	0	0	0	0	0	0	0	0	0	11
	21:45	0	8	4	0	0	0	0	0	1	0	0	0	0	0	13
	22:00	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	22:15	0	3	4	0	0	1	0	0	0	0	0	0	0	0	8
	22:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	23:00	1	4	1	0	0	0	0	0	1	0	0	0	0	0	7
	23:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		12	1206	1010	10	26	8	0	16	113	12	1	0	14	19	2447
Percent :		0%	49%	41%	0%	1%	0%	0%	1%	5%	0%	0%	0%	1%	1%	
Average :		0	13	11	0	0	0	0	0	1	0	0	0	0	0	25

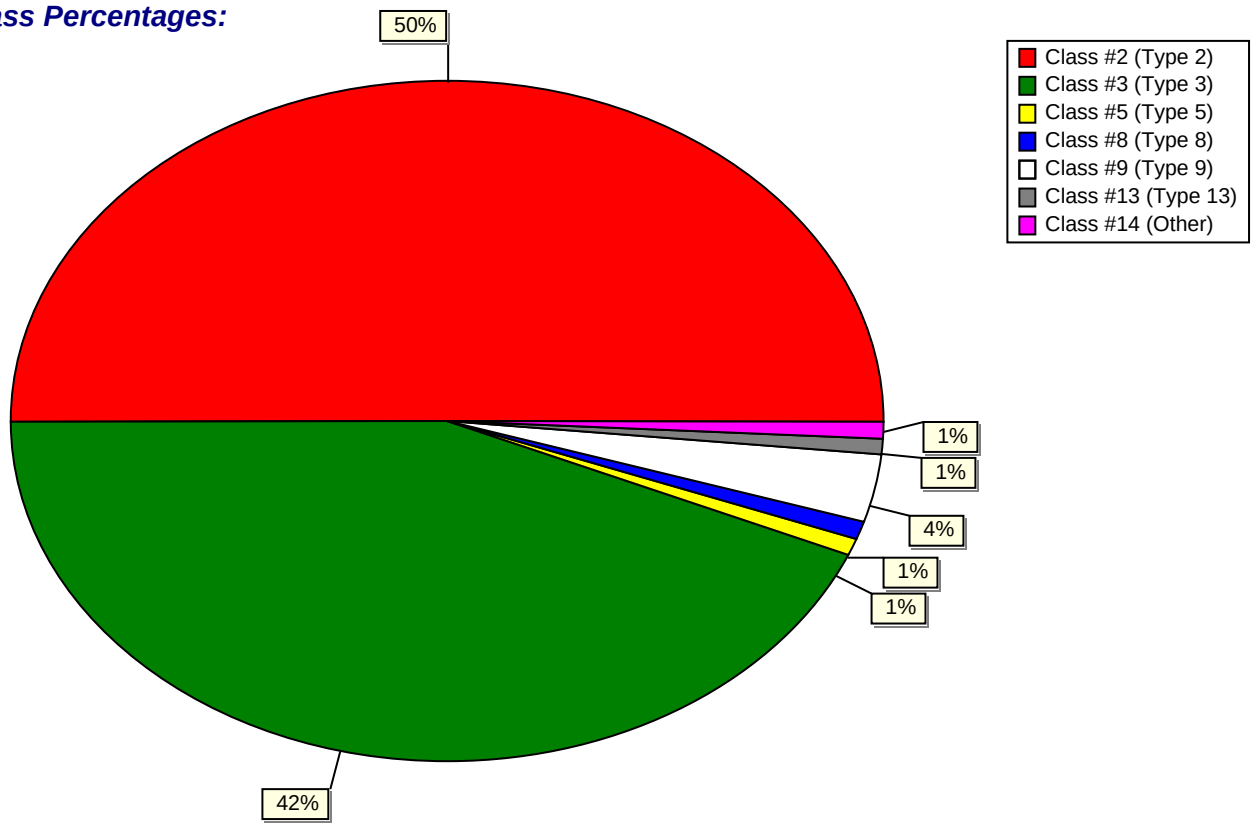
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Percent :	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Basic Axle Class Summary: 2P0051456

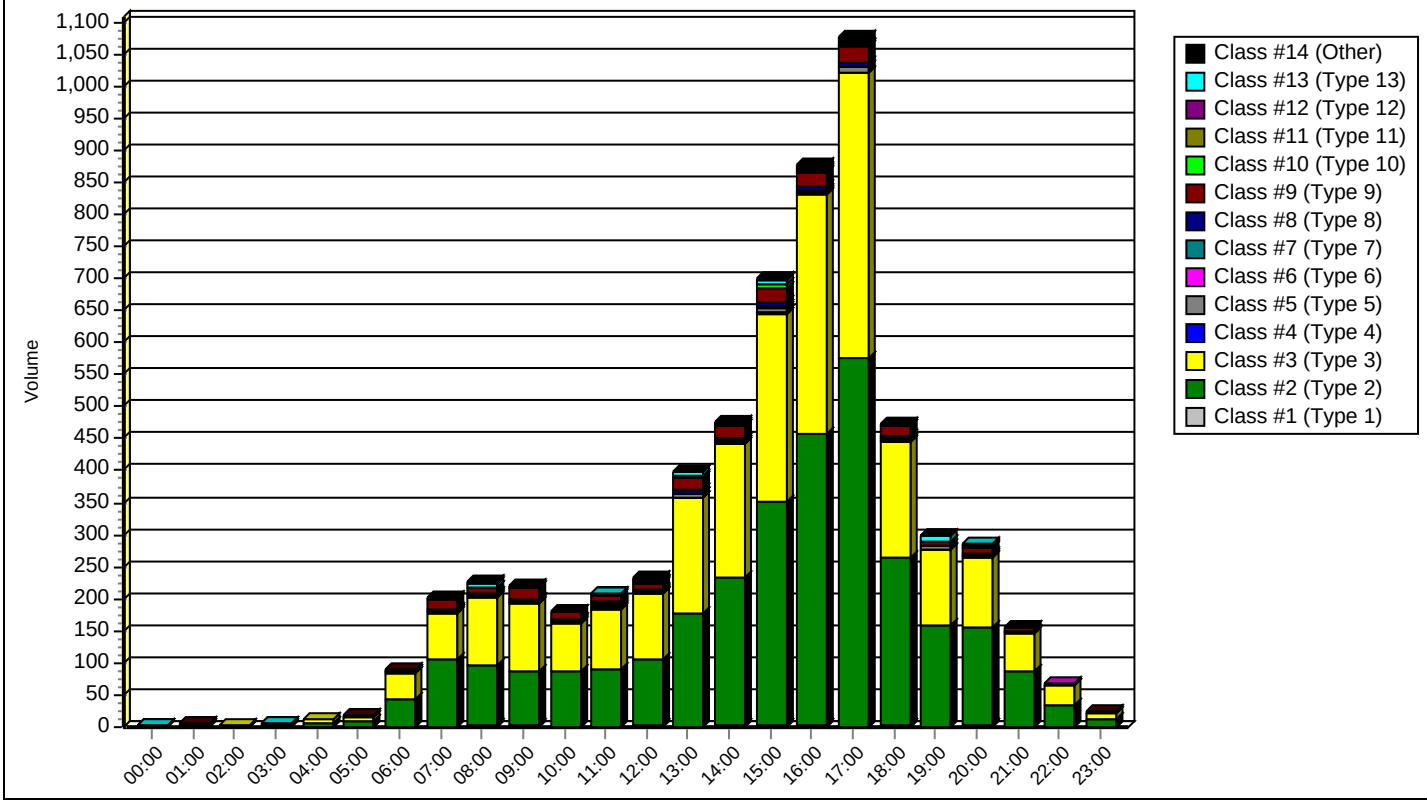
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	24	3132	2613	21	64	21	0	37	235	22	1	0	40	42	6252
		24	3132	2613	21	64	21	0	37	235	22	1	0	40	42	6252
Percents :	#1.	0%	50%	42%	0%	1%	0%	0%	1%	4%	0%	0%	0%	1%	1%	100%
		0%	50%	42%	0%	1%	0%	0%	1%	4%	0%	0%	0%	1%	1%	
Average :	#1.	0	12	10	0	0	0	0	0	1	0	0	0	0	0	23
		0	12	10	0	0	0	0	0	1	0	0	0	0	0	23
Days & ADT :	#1.	2.7	2264													
		2.7	2264													

2P0051456 Axle Class Charts For Data From: 13:30 - 04/11/2011 To: 07:59 - 04/14/2011

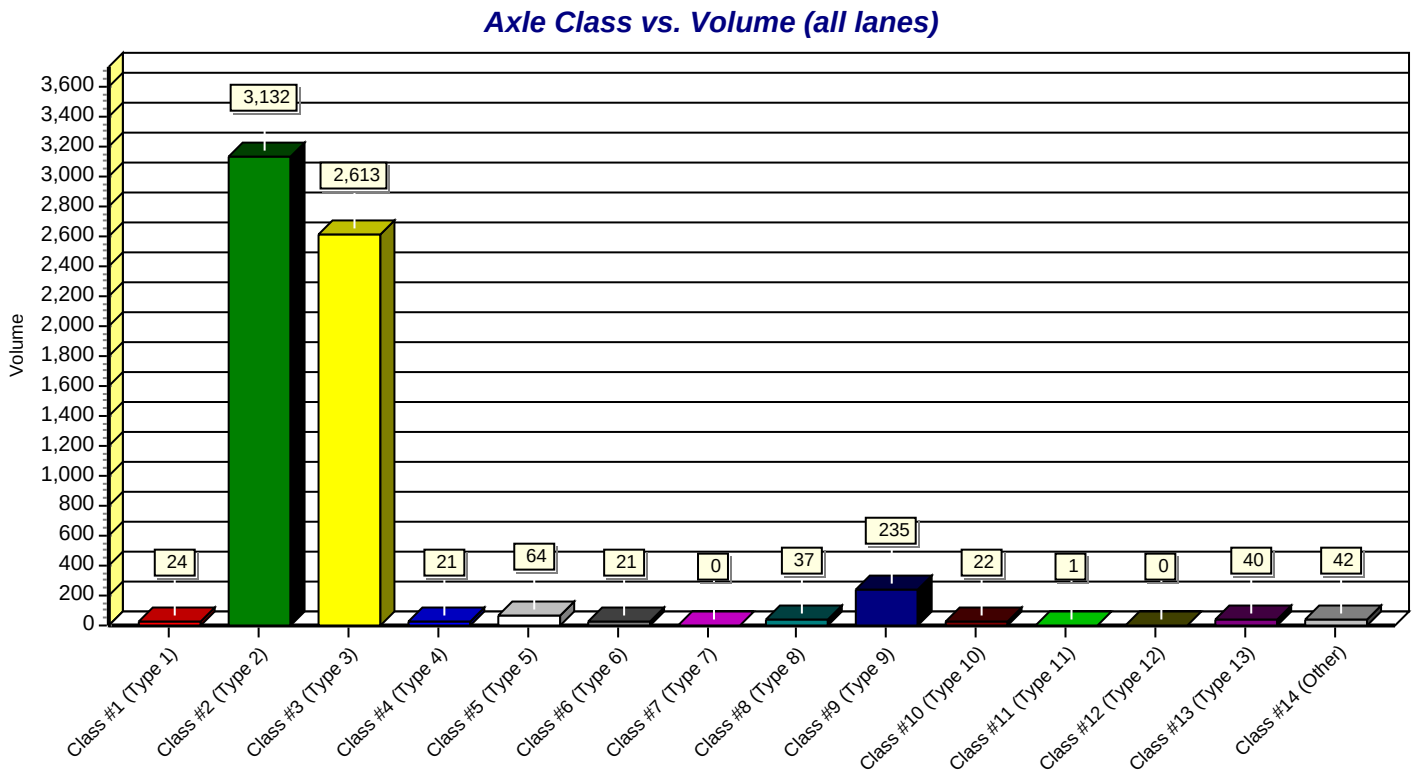
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0051456 Axle Class Charts For Data From: 13:30 - 04/11/2011 To: 07:59 - 04/14/2011



Basic Speed Classification Report: 2P0051456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 13:30 - 04/11/2011 To: 07:59 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	13:30	0	0	0	0	0	0	0	0	1	7	28	20	6	1	1	0	64
Mon	13:45	0	0	0	0	0	0	0	0	0	0	11	17	5	1	0	0	34
	14:00	0	0	0	0	0	0	0	0	0	0	7	19	2	4	0	0	32
	14:15	0	0	0	0	0	0	0	0	0	0	13	24	4	1	0	0	42
	14:30	0	0	0	0	0	0	0	0	0	0	12	11	8	1	1	0	33
	14:45	0	0	0	0	0	0	0	0	1	1	12	22	8	6	1	0	51
	15:00	0	0	0	0	0	0	0	0	0	1	12	25	15	3	0	0	56
	15:15	0	0	0	0	0	0	0	0	0	2	17	23	9	4	1	0	56
	15:30	0	0	0	0	0	0	0	0	0	0	15	25	14	5	0	0	59
	15:45	0	0	0	0	0	0	0	0	0	0	15	33	6	1	0	0	55
	16:00	0	0	0	0	0	0	0	0	0	0	20	34	11	3	0	0	68
	16:15	0	0	0	0	0	0	0	0	0	0	16	33	7	1	0	0	57
	16:30	0	0	0	0	0	0	0	0	0	0	9	34	13	4	0	0	60
	16:45	0	0	0	0	0	0	0	0	0	1	22	51	17	3	1	0	95
	17:00	0	0	0	0	0	0	0	0	0	0	21	39	11	8	1	0	80
	17:15	0	0	0	0	0	0	0	0	0	0	14	65	13	5	1	0	98
	17:30	0	0	0	0	0	0	0	0	0	1	26	41	16	2	0	0	86
	17:45	0	0	0	0	0	0	0	0	0	0	10	48	13	1	0	0	72
	18:00	0	0	0	0	0	0	0	0	0	0	9	28	14	4	0	0	55
	18:15	0	0	0	0	0	0	0	0	0	0	5	26	2	1	1	0	35
	18:30	0	0	0	0	0	0	0	0	0	0	5	12	15	0	2	0	34
	18:45	0	0	0	0	0	0	0	0	1	1	2	9	4	1	0	0	18
	19:00	0	0	0	0	0	0	0	0	0	0	5	9	4	0	0	0	18
	19:15	0	0	0	0	0	0	0	0	0	0	3	12	5	1	0	0	21
	19:30	0	0	0	0	0	0	0	0	0	0	6	10	3	0	0	0	19
	19:45	0	0	0	0	0	0	0	0	0	0	3	15	7	0	0	0	25
	20:00	0	0	0	0	0	0	0	0	0	0	6	12	1	0	0	0	19
	20:15	0	0	0	0	0	0	0	0	0	0	7	10	2	2	0	0	21
	20:30	0	0	0	0	0	0	0	0	0	2	5	8	2	1	0	0	18
	20:45	0	0	0	0	0	0	0	0	0	0	10	9	0	0	0	0	19
	21:00	0	0	0	0	0	0	0	0	0	1	6	9	3	0	0	0	19
	21:15	0	0	0	0	0	0	0	0	0	0	9	4	3	0	0	0	16
	21:30	0	0	0	0	0	0	0	0	0	0	3	7	1	0	0	0	11
	21:45	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	22:00	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	0	4	3	1	0	0	0	8
	22:30	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	7
	22:45	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
04/11/11	23:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Mon	23:45	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
Daily Total :		0	0	0	0	0	0	0	0	3	21	377	755	249	64	10	0	1479
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	25%	51%	17%	4%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	9	18	6	2	0	0	23

Speeds - Average: 72.6 50% : 72.3 67% : 73.9 85% : 77.2 10mph Pace: 65.0 - 74.9 (76.5%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	4
	04:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	05:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	05:45	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	06:00	0	0	0	0	0	0	0	0	0	0	5	1	2	0	0	0	8
	06:15	0	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	6
	06:30	0	0	0	0	0	0	0	0	0	0	4	11	1	1	0	0	17
	06:45	1	0	0	0	0	0	0	0	0	0	4	10	2	0	0	0	17
	07:00	0	0	0	0	0	0	0	0	0	0	10	8	4	0	0	0	22
	07:15	0	0	0	0	0	0	0	0	0	0	7	13	3	2	1	0	26
	07:30	0	0	0	0	0	0	0	0	0	1	11	12	0	0	0	0	24
	07:45	0	0	0	0	0	0	0	0	0	1	6	12	7	0	0	0	26
	08:00	0	0	0	0	0	0	0	0	0	1	12	12	2	0	0	0	27
	08:15	0	0	0	0	0	0	0	0	0	1	9	8	3	0	0	0	21
	08:30	0	0	0	0	0	0	0	0	0	2	11	15	2	0	0	0	30
	08:45	0	0	0	0	0	0	0	0	0	1	16	11	1	0	0	0	29
	09:00	0	0	0	0	0	0	0	0	0	2	14	13	3	0	0	0	32
	09:15	0	0	0	0	0	0	0	0	3	1	13	8	1	0	0	0	26
	09:30	0	0	0	0	0	0	0	0	0	0	6	9	1	1	0	0	17
	09:45	1	0	0	0	0	0	0	0	0	0	12	13	3	0	0	0	29
	10:00	0	0	0	0	0	0	0	0	0	3	3	9	3	1	0	0	19
	10:15	0	0	0	0	0	0	0	0	0	0	2	13	2	3	0	0	20
	10:30	0	0	0	0	0	0	0	0	0	0	9	15	1	2	0	0	27
	10:45	0	0	0	0	0	0	0	0	0	3	9	15	3	0	2	0	32
	11:00	0	0	0	0	0	0	0	0	0	0	4	10	2	1	0	0	17
	11:15	0	0	0	0	0	0	0	0	0	0	3	8	4	0	0	0	15
	11:30	0	0	0	0	0	0	0	0	0	1	14	12	3	1	0	0	31
	11:45	0	0	0	0	0	0	0	0	0	0	12	12	3	1	0	0	28
	12:00	0	0	0	0	0	0	0	1	1	2	10	7	6	2	0	0	29
	12:15	0	0	0	0	0	0	0	0	0	0	17	8	2	0	0	0	27

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	0	0	6	14	6	3	1	0	30
Tue	12:45	0	0	0	0	0	0	0	0	0	0	6	16	5	0	0	0	27
	13:00	0	0	0	0	0	0	0	0	0	0	11	16	2	2	0	0	31
	13:15	0	0	0	0	0	0	0	0	0	3	15	27	4	2	0	0	51
	13:30	0	0	0	0	0	0	0	0	0	1	13	19	4	0	1	0	38
	13:45	0	0	0	0	0	0	0	0	0	1	5	12	6	2	0	0	26
	14:00	0	0	0	0	0	0	0	0	0	0	10	14	9	4	0	0	37
	14:15	0	0	0	0	0	0	0	0	0	0	10	18	8	0	0	0	36
	14:30	0	0	0	0	0	0	0	0	0	2	17	12	4	0	0	0	35
	14:45	0	0	0	0	0	0	0	0	0	0	8	16	5	1	1	0	31
	15:00	0	0	0	0	0	0	0	0	1	1	20	17	11	2	0	0	52
	15:15	0	0	0	0	0	0	0	0	0	0	19	22	6	0	2	0	49
	15:30	0	0	0	0	0	0	0	0	0	2	24	19	9	1	0	0	55
	15:45	0	0	0	0	0	0	0	0	0	1	18	30	3	4	0	0	56
	16:00	0	0	0	0	0	0	0	0	0	0	17	34	10	1	1	0	63
	16:15	0	0	0	0	0	0	0	0	0	0	15	34	6	4	1	0	60
	16:30	0	0	0	0	0	0	0	0	0	2	24	36	13	1	0	0	76
	16:45	0	0	0	0	0	0	0	0	0	1	23	51	12	3	1	0	91
	17:00	0	0	0	0	0	0	0	0	0	1	30	44	15	3	1	0	94
	17:15	1	0	0	0	0	0	0	0	0	1	32	62	14	1	0	0	111
	17:30	0	0	0	0	0	0	0	0	0	1	24	43	17	3	0	0	88
	17:45	0	0	0	0	0	0	0	0	0	1	13	31	9	1	1	0	56
	18:00	0	0	0	0	0	0	0	0	0	2	12	22	6	2	2	0	46
	18:15	0	0	0	0	0	0	0	0	0	1	14	31	9	0	0	0	55
	18:30	0	0	0	0	0	0	0	0	0	1	11	21	4	2	1	0	40
	18:45	0	0	0	0	0	0	0	0	0	0	11	15	9	0	1	0	36
	19:00	0	0	0	0	0	0	0	0	0	0	4	17	5	3	0	0	29
	19:15	0	0	0	0	0	0	0	0	0	0	12	23	3	1	0	0	39
	19:30	0	0	0	0	0	0	0	0	0	0	12	17	2	1	1	0	33
	19:45	0	0	0	0	0	0	0	0	0	0	9	10	3	0	0	0	22
	20:00	0	0	0	0	0	0	0	0	0	0	13	13	7	0	0	0	33
	20:15	0	0	0	0	0	0	0	0	1	0	13	20	2	0	1	0	37
	20:30	0	0	0	0	0	0	0	0	0	2	15	10	2	1	0	0	30
	20:45	0	0	0	0	0	0	0	0	0	3	7	9	3	0	0	0	22
	21:00	0	0	0	0	0	0	0	0	0	0	3	13	2	0	0	0	18
	21:15	0	0	0	0	0	0	0	0	0	0	7	4	2	2	0	0	15
	21:30	0	0	0	0	0	0	0	0	0	1	5	3	2	1	1	0	13
	21:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	3
	22:00	0	0	0	0	0	0	0	0	0	0	4	2	5	0	0	0	11
	22:15	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	0	5
	22:30	0	0	0	0	0	0	0	0	0	1	4	4	0	0	0	0	9
	22:45	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	5
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	0	0	0	0	0	0	1	6	50	758	1102	317	67	21	0	2325
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	33%	47%	14%	3%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	8	11	3	1	0	0	36

Speeds - Average: 71.9 50% : 71.6 67% : 73.4 85% : 75.9 10mph Pace: 65.0 - 74.9 (80.0%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	5
	05:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	05:45	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	06:00	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	7
	06:15	0	0	0	0	0	0	0	0	0	0	3	9	0	1	0	0	13
	06:30	0	0	0	0	0	0	0	0	0	0	2	4	1	0	0	0	7
	06:45	0	0	0	0	0	0	0	0	0	1	5	6	3	1	0	0	16
	07:00	0	0	0	0	0	0	0	0	0	0	6	11	8	3	0	0	28
	07:15	0	0	0	0	0	0	0	0	0	0	4	10	5	0	1	0	20
	07:30	0	0	0	0	0	0	0	0	0	1	8	17	5	0	0	0	31
	07:45	0	0	0	0	0	0	0	0	0	0	8	11	3	2	0	0	24
	08:00	1	0	0	0	0	0	0	0	0	7	15	15	3	1	0	0	42
	08:15	0	0	0	0	0	0	0	0	0	0	6	10	4	2	0	0	22
	08:30	0	0	0	0	0	0	0	0	0	1	4	14	2	2	1	0	24
	08:45	0	0	0	0	0	0	0	0	0	1	11	8	10	2	0	0	32
	09:00	0	0	0	0	0	0	0	0	0	1	6	18	5	1	0	0	31
	09:15	0	0	0	0	0	0	0	0	2	1	9	16	3	0	1	0	32
	09:30	0	0	0	0	0	0	0	0	1	2	7	13	3	0	1	0	27
	09:45	0	0	0	0	0	0	0	0	0	1	7	16	1	1	0	0	26
	10:00	0	0	0	0	0	0	0	0	0	1	7	9	3	2	0	0	22
	10:15	0	0	0	0	0	0	0	0	0	0	10	6	5	1	0	0	22
	10:30	0	0	0	0	0	0	0	0	0	1	8	10	4	1	0	0	24
	10:45	0	0	0	0	0	0	0	0	0	0	2	8	6	0	0	0	16
	11:00	0	0	0	0	0	0	0	0	0	0	5	14	6	1	1	0	27
	11:15	0	0	0	0	0	0	0	0	0	3	12	7	3	1	0	0	26
	11:30	0	0	0	0	0	0	0	0	0	0	13	10	6	0	0	0	29
	11:45	0	0	0	0	0	0	0	0	0	0	19	10	7	1	0	0	37
	12:00	0	0	0	0	0	0	0	0	0	0	14	12	1	0	0	0	27
	12:15	0	0	0	0	0	0	0	0	0	3	8	8	3	0	0	0	22

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	0	15	14	4	2	0	0	35
Wed	12:45	0	0	0	0	0	0	0	0	0	0	6	22	6	1	0	0	35
	13:00	0	0	0	0	0	0	0	0	0	1	12	14	1	1	0	0	29
	13:15	0	0	0	0	0	0	0	0	0	0	16	20	6	0	0	0	42
	13:30	0	0	0	0	0	0	0	0	0	0	13	12	6	1	0	0	32
	13:45	0	0	0	0	0	0	0	0	0	2	24	22	2	2	0	0	52
	14:00	0	0	0	0	0	0	0	0	0	1	15	18	2	1	0	0	37
	14:15	0	0	0	0	0	0	0	0	0	3	13	22	9	0	0	0	47
	14:30	0	0	0	0	0	0	0	0	0	0	15	29	0	0	0	0	44
	14:45	0	0	0	0	0	0	0	0	0	3	15	24	5	3	0	0	50
	15:00	0	0	0	0	0	0	0	0	2	1	19	39	7	1	0	0	69
	15:15	0	0	0	0	0	0	0	0	0	3	26	34	6	0	0	0	69
	15:30	0	0	0	0	0	0	0	0	0	1	16	29	10	0	0	0	56
	15:45	0	0	0	0	0	0	0	0	0	2	24	29	11	3	0	0	69
	16:00	0	0	0	0	0	0	0	0	0	1	29	30	7	1	0	0	68
	16:15	0	0	0	0	0	0	0	0	0	0	29	31	6	0	0	0	66
	16:30	0	0	0	0	0	0	0	0	0	0	20	42	8	1	0	0	71
	16:45	0	0	0	0	0	0	0	0	0	1	31	57	10	3	0	0	102
	17:00	1	0	0	0	0	0	0	0	0	1	15	53	17	0	0	0	87
	17:15	1	0	0	0	0	0	0	0	0	6	34	62	11	1	0	0	115
	17:30	1	0	0	0	0	0	0	0	0	1	37	54	13	1	0	0	107
	17:45	0	0	0	0	0	0	0	0	0	2	26	44	10	0	1	0	83
	18:00	0	0	0	0	0	0	0	0	0	1	16	29	8	1	0	0	55
	18:15	0	0	0	0	0	0	0	0	0	1	10	29	3	3	0	0	46
	18:30	0	0	0	0	0	0	0	0	0	1	9	20	1	0	0	0	31
	18:45	0	0	0	0	0	0	0	0	0	0	15	5	3	0	0	0	23
	19:00	0	0	0	0	0	0	0	0	0	4	10	7	1	0	0	0	22
	19:15	0	0	0	0	0	0	0	0	0	2	18	6	0	0	0	0	26
	19:30	0	0	0	0	0	0	0	0	0	1	12	5	2	0	1	0	21
	19:45	0	0	0	0	0	0	0	0	0	2	14	7	1	0	0	0	24
	20:00	0	0	0	0	0	0	0	0	0	0	5	12	0	1	0	0	18
	20:15	0	0	0	0	0	0	0	0	0	2	11	3	4	0	1	0	21
	20:30	0	0	0	0	0	0	0	0	0	2	11	7	1	0	0	0	21
	20:45	0	0	0	0	0	0	0	0	0	1	12	12	1	0	0	0	26
	21:00	0	0	0	0	0	0	0	0	0	1	12	6	0	0	0	0	19
	21:15	0	0	0	0	0	0	0	0	0	2	1	12	2	0	0	0	17
	21:30	0	0	0	0	0	0	0	0	1	0	3	4	1	1	1	0	11
	21:45	0	0	0	0	0	0	0	0	0	1	6	6	0	0	0	0	13
	22:00	0	0	0	0	0	0	0	0	0	2	1	1	0	1	0	0	5
	22:15	0	0	0	0	0	0	0	0	0	1	3	3	1	0	0	0	8
	22:30	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	22:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:00	1	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0	7
	23:15	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		5	0	0	0	0	0	0	1	6	79	834	1171	288	52	11	0	2447
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	34%	48%	12%	2%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	9	12	3	1	0	0	24

Speeds - Average: 71.3 50% : 71.4 67% : 73.1 85% : 74.9 10mph Pace: 65.0 - 74.9 (81.9%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Percent :		100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26

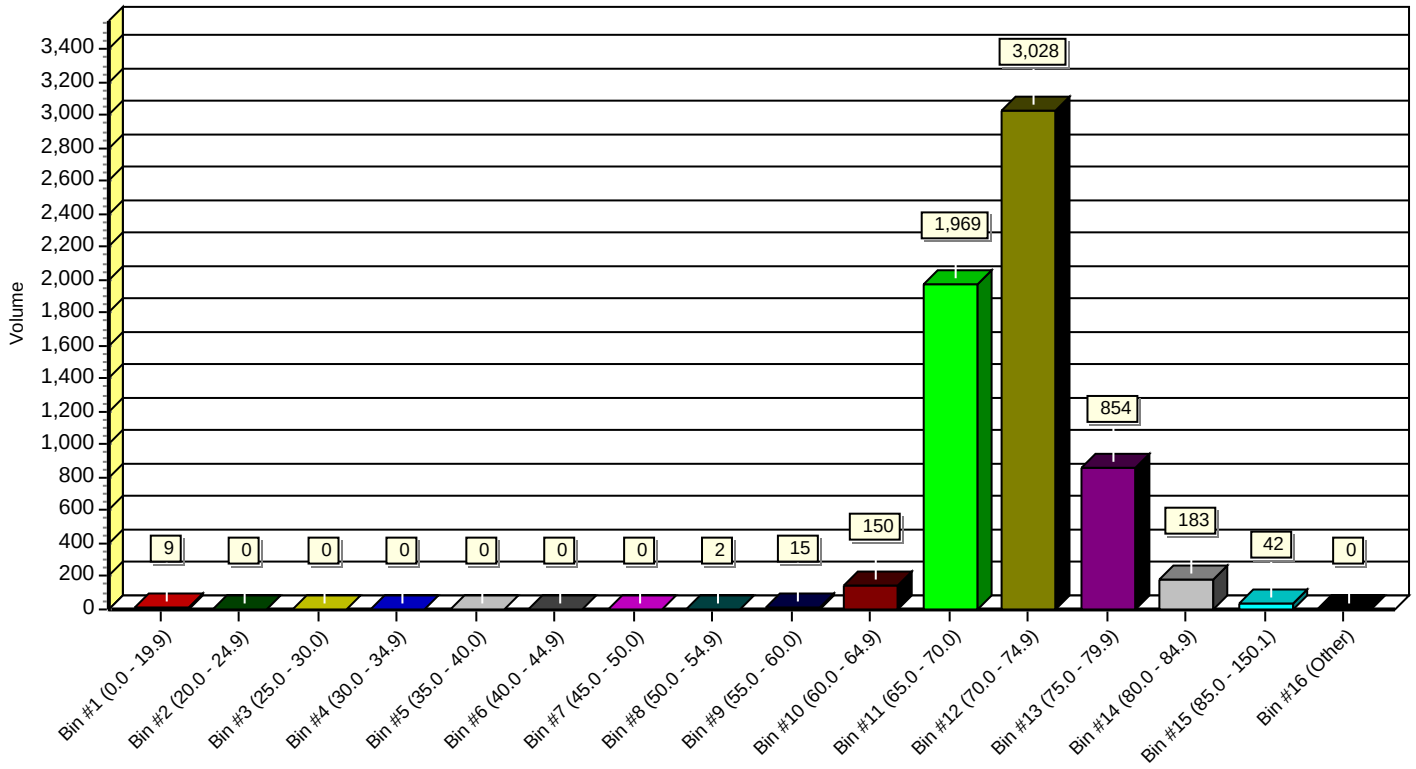
Speeds - Average: 10.0 50% : 0.0 67% : 0.0 85% : 0.0 10mph Pace: 10.0 - 19.9 (100.0%)

Basic Speed Class Summary: 2P0051456

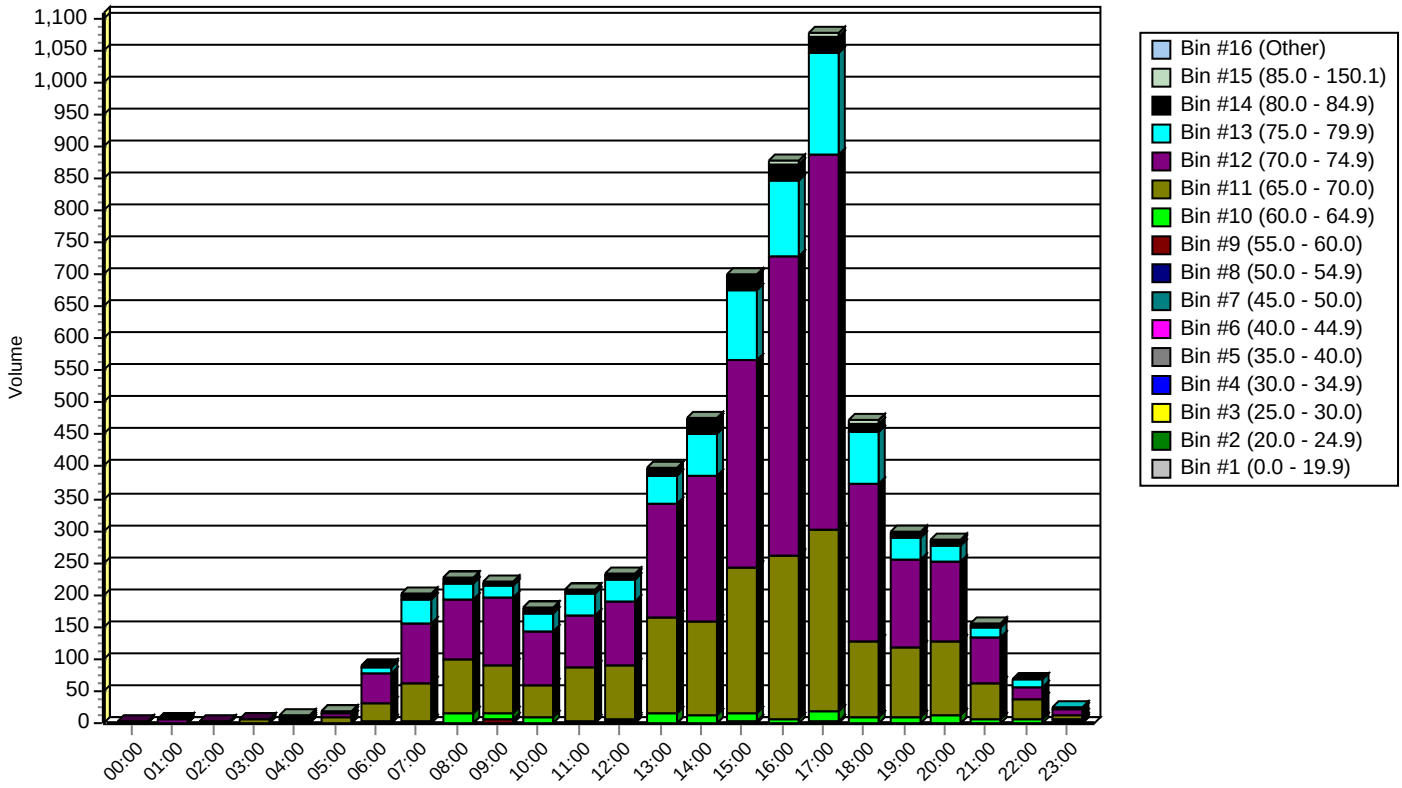
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	9	0	0	0	0	0	0	2	15	150	1969	3028	854	183	42	0	6252
		9	0	0	0	0	0	0	2	15	150	1969	3028	854	183	42	0	6252
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	31%	48%	14%	3%	1%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	31%	48%	14%	3%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	1	7	11	3	1	0	0	23
		0	0	0	0	0	0	0	0	0	1	7	11	3	1	0	0	23
Days & ADT :	#1.	2.7	2264															
		2.7	2264															
Avg,50,67,85%:	#1.	71.8	71.7	73.4	75.9	65.0	- 74.9	80%										
		71.8	71.7	73.4	75.9	65.0	- 74.9	80%										

2P0051456 Speed Class Charts For Data From: 13:30 - 04/11/2011 To: 07:59 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0051456

Station ID : 4D0051456
Info Line 1 : 90994535
Info Line 2 : I-90 WESTOF JON
GPS Lat/Lon :
DB File : 4D0051456.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 97833
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 13:15 - 04/11/2011 To: 08:44 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	13:15	4	48	48	1	3	5	0	4	4	0	0	1	0	0	118
Mon	13:30	1	63	47	4	2	0	0	1	18	1	0	0	4	1	142
	13:45	0	41	60	2	1	1	0	1	13	2	0	0	0	0	121
	14:00	3	39	63	4	6	1	0	2	17	2	0	0	1	0	138
	14:15	3	42	56	1	0	1	0	4	13	2	0	0	2	1	125
	14:30	2	59	51	1	6	1	0	0	12	1	0	0	0	0	133
	14:45	0	44	57	1	1	3	0	1	8	0	0	1	1	0	117
	15:00	1	44	49	2	3	0	0	3	9	5	0	0	1	0	117
	15:15	1	51	46	2	5	1	0	2	10	0	0	0	3	1	122
	15:30	0	41	67	4	4	0	0	3	8	1	1	1	0	0	130
	15:45	0	46	69	6	3	2	0	2	4	2	0	0	3	1	138
	16:00	3	45	71	2	3	1	0	2	12	3	1	0	3	0	146
	16:15	4	57	54	1	3	0	0	2	7	2	0	0	1	0	131
	16:30	1	78	81	2	4	3	0	1	9	1	0	0	0	0	180
	16:45	2	54	66	3	2	1	0	3	3	3	0	0	1	0	138
	17:00	1	43	69	3	3	2	0	3	15	1	0	0	0	2	142
	17:15	2	53	65	4	9	0	0	4	8	1	0	0	4	1	151
	17:30	1	72	50	2	2	2	0	1	8	1	0	0	0	1	140
	17:45	2	51	50	2	2	0	0	2	2	2	0	0	3	1	117
	18:00	2	47	45	0	2	1	0	1	5	0	0	1	1	1	106
	18:15	0	51	53	0	1	1	0	0	6	1	0	0	1	0	114
	18:30	0	39	58	1	3	0	0	2	6	0	0	0	0	0	109
	18:45	2	41	51	3	2	0	0	3	6	0	0	0	0	0	108
	19:00	0	41	33	0	4	0	0	3	4	0	0	0	0	0	85
	19:15	2	41	36	0	4	0	0	1	5	1	0	0	1	1	92
	19:30	0	30	35	2	0	0	0	3	4	0	0	0	1	0	75
	19:45	2	22	21	0	2	0	0	2	2	0	0	0	2	1	54
	20:00	1	31	29	0	0	0	0	3	9	1	1	0	0	0	75
	20:15	0	24	30	0	2	0	0	0	3	0	0	1	1	0	61
	20:30	0	26	21	0	1	0	0	1	4	0	0	0	0	0	53
	20:45	3	18	27	0	0	0	0	2	2	1	0	1	1	1	56
	21:00	0	18	22	0	3	0	0	2	4	0	0	0	0	0	49
	21:15	1	16	25	2	3	0	0	1	4	0	0	0	1	0	53
	21:30	1	19	15	1	3	0	0	2	3	0	1	1	0	0	46

	(AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
Date	Time															
04/11/11	21:45	0	19	9	0	2	0	0	2	6	0	0	0	0	1	39
Mon	22:00	0	18	21	1	0	0	0	2	5	1	0	0	0	1	49
	22:15	0	18	11	2	0	0	0	3	2	1	0	0	0	0	37
	22:30	0	6	12	1	3	0	0	0	3	0	0	0	0	1	26
	22:45	0	17	7	1	0	0	0	1	3	0	0	0	0	0	29
	23:00	0	11	12	0	1	0	0	1	3	0	0	0	0	1	29
	23:15	0	9	6	0	0	0	0	0	1	1	0	1	0	1	19
	23:30	0	5	7	1	1	0	0	2	3	0	0	0	0	1	20
	23:45	1	3	8	3	3	0	0	2	1	1	1	0	1	0	24
Daily Total :		46	1541	1713	65	102	26	0	80	274	38	5	8	37	19	3954
Percent :		1%	39%	43%	2%	3%	1%	0%	2%	7%	1%	0%	0%	1%	0%	
Average :		1	36	40	2	2	1	0	2	6	1	0	0	1	0	92

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	8	6	0	2	0	0	2	0	0	0	1	1	0	20
Tue	00:15	0	2	1	0	0	0	0	0	1	1	0	0	0	1	6
	00:30	0	6	4	0	0	0	0	1	2	0	0	0	0	0	13
	00:45	0	5	1	1	1	0	0	1	2	0	1	0	1	0	13
	01:00	0	2	2	0	0	0	0	1	3	0	0	0	0	0	8
	01:15	0	6	4	0	0	0	0	2	3	1	0	0	0	0	16
	01:30	0	2	0	0	0	0	0	0	2	0	0	0	0	0	4
	01:45	0	2	4	0	0	0	0	0	0	1	0	0	0	0	7
	02:00	0	5	6	0	1	0	0	0	3	0	0	0	0	0	15
	02:15	0	4	4	0	0	0	0	0	2	0	0	0	1	0	11
	02:30	0	2	3	0	0	0	0	0	3	0	0	1	0	0	9
	02:45	0	2	1	0	0	0	0	1	3	1	0	0	1	0	9
	03:00	0	2	2	0	1	0	0	3	2	0	0	0	0	0	10
	03:15	0	3	2	0	0	0	0	2	0	0	0	0	0	0	7
	03:30	0	5	1	0	0	0	0	0	2	0	0	0	0	0	8
	03:45	0	3	4	0	1	0	0	1	1	0	0	0	0	0	10
	04:00	0	7	8	0	1	0	0	0	3	0	0	0	0	0	19
	04:15	0	6	7	0	1	0	0	3	2	1	0	0	2	0	22
	04:30	0	7	10	1	2	0	0	1	3	0	0	0	0	1	25
	04:45	0	9	19	0	1	0	0	1	2	0	0	0	1	0	33
	05:00	0	15	5	1	0	0	0	2	5	0	0	0	0	0	28
	05:15	0	10	21	0	0	0	0	1	2	1	0	0	5	0	40
	05:30	0	34	24	0	2	0	0	3	3	1	0	1	4	0	72
	05:45	0	25	33	0	2	0	0	0	4	2	0	0	1	2	69
	06:00	0	26	38	1	3	1	0	2	6	0	1	1	2	0	81
	06:15	0	39	47	0	1	0	0	4	9	0	0	0	1	0	101
	06:30	0	71	65	0	5	0	0	4	7	0	1	2	1	1	157
	06:45	0	54	60	0	2	1	0	0	11	0	0	0	4	0	132
	07:00	1	69	79	3	2	0	0	4	6	1	0	0	4	0	169
	07:15	1	74	102	2	8	1	0	5	7	1	0	1	3	2	207
	07:30	0	95	91	1	5	3	0	3	13	1	1	0	4	1	218
	07:45	0	77	109	2	5	1	0	5	10	2	0	0	1	1	213
	08:00	0	56	63	3	7	1	0	6	14	1	1	0	4	0	156
	08:15	0	41	77	0	4	0	0	4	8	0	0	0	0	1	135
	08:30	0	69	54	0	7	1	0	3	11	1	0	0	3	0	149
	08:45	1	52	59	1	4	2	1	6	11	2	0	0	5	0	144
	09:00	0	28	52	1	4	4	0	5	7	4	0	1	1	1	108
	09:15	0	42	39	0	1	0	0	2	18	1	0	0	2	2	107
	09:30	0	44	58	2	6	1	0	0	11	0	0	0	2	0	124
	09:45	0	48	57	1	2	0	0	2	15	1	0	0	3	1	130
	10:00	1	42	56	0	3	2	0	2	9	4	0	0	1	0	120
	10:15	0	46	58	2	6	1	2	4	5	1	0	0	3	1	129
	10:30	0	37	48	1	5	0	0	4	18	1	0	0	3	2	119
	10:45	0	53	64	0	8	2	0	2	12	3	0	0	0	0	144
	11:00	0	36	70	0	4	2	0	2	13	0	0	0	2	0	129
	11:15	1	38	46	3	10	1	0	5	9	3	0	1	3	1	121
	11:30	0	40	55	0	2	0	1	5	13	0	0	0	2	1	119
	11:45	0	37	45	2	5	2	0	5	8	0	0	0	4	2	110
	12:00	0	36	53	4	2	1	0	4	11	1	0	0	1	2	115
	12:15	0	51	50	1	1	0	0	4	11	2	0	0	0	2	122

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	52	42	1	4	2	0	2	12	0	0	0	5	0	120
Tue	12:45	0	40	53	1	4	1	0	2	13	1	0	0	2	0	117
	13:00	0	29	55	1	7	3	0	5	14	3	0	0	2	1	120
	13:15	1	41	54	0	3	1	0	4	13	2	0	0	2	1	122
	13:30	0	47	52	2	4	2	1	4	8	1	0	0	1	0	122
	13:45	0	51	55	3	5	0	1	9	8	0	0	0	1	2	135
	14:00	0	45	53	3	2	2	0	2	13	2	0	0	2	0	124
	14:15	0	44	42	2	6	1	2	2	15	3	0	0	2	2	121
	14:30	0	60	60	5	4	1	0	2	16	1	0	0	3	0	152
	14:45	1	37	57	1	2	2	2	4	11	4	0	0	1	0	122
	15:00	0	40	48	3	4	4	0	5	13	1	0	0	2	1	121
	15:15	0	39	82	0	3	1	1	3	10	1	0	1	0	0	141
	15:30	1	53	62	8	6	1	1	3	15	1	0	0	1	0	152
	15:45	0	54	46	7	5	2	0	5	11	2	0	0	1	1	134
	16:00	0	55	51	3	6	0	0	6	12	1	0	1	2	0	137
	16:15	1	51	68	2	1	1	0	3	9	1	0	0	1	0	138
	16:30	0	59	69	3	2	2	0	4	4	1	0	0	4	1	149
	16:45	0	51	73	1	5	0	0	1	8	1	2	0	2	0	144
	17:00	0	52	72	1	4	0	0	3	11	1	0	0	2	0	146
	17:15	0	61	66	0	3	2	0	2	9	2	0	0	1	0	146
	17:30	2	65	56	1	5	1	0	0	9	1	0	0	0	1	141
	17:45	1	55	68	0	2	0	0	3	5	1	0	0	2	2	139
	18:00	0	47	55	1	3	0	0	3	3	1	0	1	2	0	116
	18:15	0	41	59	1	1	0	0	4	6	1	0	1	2	0	116
	18:30	0	38	61	0	4	0	0	1	5	1	0	0	3	0	113
	18:45	0	41	35	0	2	3	0	0	8	0	0	0	1	1	91
	19:00	0	37	45	0	1	0	0	2	4	0	0	0	0	1	90
	19:15	0	33	45	3	1	0	0	4	6	0	0	0	2	0	94
	19:30	0	34	28	0	3	0	0	6	2	0	0	0	2	2	77
	19:45	0	31	32	0	5	0	0	4	5	0	0	0	1	1	79
	20:00	0	28	21	1	3	0	0	3	1	0	0	0	1	0	58
	20:15	0	26	23	2	2	0	0	1	7	0	0	0	0	1	62
	20:30	0	22	21	0	1	0	0	1	9	0	1	1	0	0	56
	20:45	0	31	17	0	5	0	0	3	4	0	0	0	0	2	62
	21:00	1	24	24	0	1	0	0	5	2	0	0	0	0	1	58
	21:15	0	17	21	0	2	0	0	3	1	0	1	0	1	0	46
	21:30	0	15	14	1	1	0	0	0	3	0	0	1	1	1	37
	21:45	0	20	11	0	5	0	0	2	4	0	0	0	0	0	42
	22:00	1	16	16	1	2	0	0	3	4	0	0	0	0	0	43
	22:15	0	18	15	0	1	0	0	1	1	0	0	0	0	0	36
	22:30	0	14	14	0	3	0	0	4	1	0	0	0	0	3	39
	22:45	0	9	10	0	1	0	0	2	4	0	0	0	1	2	29
	23:00	0	9	10	0	1	0	0	2	2	0	0	0	0	1	25
	23:15	0	10	7	0	1	0	0	1	2	0	0	0	0	0	21
	23:30	0	12	9	0	0	0	0	4	2	1	0	0	0	1	29
	23:45	0	6	7	2	0	0	0	2	0	1	1	0	0	0	19
Daily Total :		14	3133	3651	93	263	59	12	252	651	75	10	15	132	54	8414
	Percent :	0%	37%	43%	1%	3%	1%	0%	3%	8%	1%	0%	0%	2%	1%	
	Average :	0	33	38	1	3	1	0	3	7	1	0	0	1	1	89

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	6	4	0	0	0	0	1	0	0	0	0	2	0	13
Wed	00:15	0	3	9	0	3	0	0	3	1	0	1	0	0	0	20
	00:30	0	5	5	0	1	0	0	1	0	1	0	0	0	1	14
	00:45	0	3	5	1	0	1	0	0	1	0	0	0	0	0	11
	01:00	0	3	6	0	2	0	0	1	2	0	0	0	0	0	14
	01:15	0	4	2	0	0	0	0	2	1	1	0	0	0	1	11
	01:30	0	6	1	0	1	0	0	4	1	0	0	0	0	0	13
	01:45	0	3	6	0	0	0	0	1	1	1	0	0	0	1	13
	02:00	0	4	5	0	1	1	0	0	1	1	0	0	0	0	13
	02:15	0	3	2	0	0	0	0	1	2	0	1	1	0	0	10
	02:30	0	1	2	0	2	0	0	0	3	0	0	0	0	0	8
	02:45	0	2	1	0	1	0	0	2	1	1	0	0	0	0	8
	03:00	0	1	2	0	0	0	0	4	1	0	0	0	0	0	8
	03:15	0	2	1	0	0	0	0	4	2	0	0	0	1	3	13
	03:30	0	3	3	0	1	0	0	5	2	1	1	0	0	0	16
	03:45	0	3	6	0	1	0	0	0	3	0	0	0	1	0	14
	04:00	0	3	9	0	1	0	0	3	2	0	1	0	1	0	20
	04:15	0	10	6	0	1	0	0	3	1	0	0	0	0	0	21
	04:30	0	12	11	0	1	0	0	4	1	0	0	0	0	0	29
	04:45	0	13	12	0	2	0	0	9	1	0	0	0	1	1	39
	05:00	0	15	8	0	4	0	0	0	1	2	0	0	2	1	33
	05:15	0	15	12	1	1	0	0	8	2	2	0	0	1	0	42
	05:30	0	27	23	0	1	0	0	5	2	0	0	0	0	1	59
	05:45	0	27	32	2	3	0	0	0	3	0	0	0	0	1	68
	06:00	0	33	24	0	3	0	0	3	7	1	0	0	3	1	75
	06:15	0	44	51	0	0	0	0	2	4	0	1	1	2	1	106
	06:30	1	65	66	2	5	0	0	4	5	1	1	0	1	2	153
	06:45	1	52	78	1	1	1	0	6	5	1	0	0	1	5	152
	07:00	0	86	73	2	5	0	0	3	7	0	0	0	5	2	183
	07:15	0	94	92	2	7	0	0	8	5	2	0	1	0	3	214
	07:30	2	109	96	2	5	0	0	10	8	1	0	0	0	2	235
	07:45	1	88	90	3	6	0	0	6	7	1	0	0	1	2	205
	08:00	0	52	62	0	6	1	0	10	5	1	0	1	2	0	140
	08:15	0	52	49	4	6	0	0	5	4	3	2	1	2	1	129
	08:30	0	41	67	3	3	2	0	6	11	1	0	0	5	1	140
	08:45	1	48	46	0	4	0	0	4	9	1	0	0	3	0	116
	09:00	0	47	57	0	3	1	0	8	12	0	0	0	4	0	132
	09:15	0	44	59	1	5	4	0	4	6	1	0	1	7	1	133
	09:30	0	52	71	2	7	0	0	3	7	4	0	0	1	2	149
	09:45	1	49	67	1	4	2	0	7	5	2	0	0	1	0	139
	10:00	0	40	69	4	5	1	0	4	12	2	0	0	6	2	145
	10:15	0	47	75	0	5	1	0	4	3	3	0	0	3	2	143
	10:30	0	46	56	2	4	1	0	3	14	2	0	0	2	0	130
	10:45	0	38	74	1	5	0	0	3	21	0	0	0	0	1	143
	11:00	0	38	62	2	3	1	0	4	10	2	0	1	0	0	123
	11:15	1	39	58	0	4	2	0	2	14	1	0	0	2	0	123
	11:30	1	43	60	1	8	2	0	4	19	2	0	0	2	1	143
	11:45	1	41	56	3	1	0	0	1	11	3	0	0	0	1	118
	12:00	1	42	50	0	3	1	0	4	14	0	0	0	3	1	119
	12:15	0	45	61	2	6	0	0	2	8	2	0	0	1	3	130

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	1	52	54	1	2	0	0	2	14	1	0	0	0	0	127
Wed	12:45	0	46	54	2	3	1	0	3	15	4	0	0	0	0	128
	13:00	1	44	55	0	2	1	0	4	14	2	0	1	1	2	127
	13:15	0	41	61	3	3	2	0	2	14	2	0	0	3	1	132
	13:30	0	43	50	0	7	1	0	4	16	3	0	0	1	0	125
	13:45	0	42	51	2	2	1	0	3	14	1	0	0	4	0	120
	14:00	1	60	64	1	2	2	0	5	8	1	0	0	1	0	145
	14:15	0	37	60	3	7	1	0	5	16	2	0	0	2	0	133
	14:30	0	49	56	0	2	1	0	4	10	3	0	0	1	1	127
	14:45	0	38	54	1	6	2	1	3	14	1	0	0	2	1	123
	15:00	1	47	47	1	2	2	1	5	8	1	0	0	3	1	119
	15:15	0	45	56	1	7	1	0	7	12	3	0	0	1	1	134
	15:30	0	55	50	10	8	2	0	2	16	0	0	1	3	0	147
	15:45	1	53	79	5	4	1	1	4	7	3	0	0	1	0	159
	16:00	0	42	66	3	3	2	0	4	10	1	0	0	0	0	131
	16:15	0	49	59	3	5	0	0	3	7	3	0	0	2	1	132
	16:30	0	70	71	2	4	1	0	3	9	4	0	0	1	2	167
	16:45	1	57	60	2	7	0	0	2	7	1	0	0	2	2	141
	17:00	1	60	84	1	9	0	0	3	7	1	0	0	0	0	166
	17:15	0	63	57	2	3	3	0	6	8	1	0	0	3	2	148
	17:30	0	64	62	2	5	0	0	6	15	1	1	0	0	1	157
	17:45	0	52	65	0	4	0	0	4	7	1	0	2	1	0	136
	18:00	0	54	63	2	5	0	0	4	4	0	1	0	0	2	135
	18:15	0	53	74	1	3	0	0	10	6	0	0	0	1	2	150
	18:30	0	5	10	0	0	0	0	0	0	0	0	0	0	0	15
	18:45	0	6	7	0	0	0	0	0	0	0	0	0	0	0	13
	19:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	19:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	19:30	0	21	16	0	2	0	0	2	3	0	0	1	1	0	46
	19:45	0	27	32	0	1	0	0	4	5	1	0	1	1	1	73
	20:00	0	13	35	0	1	0	0	3	5	2	0	0	0	1	60
	20:15	0	28	29	0	1	0	0	5	6	2	0	0	1	0	72
	20:30	0	16	28	0	0	0	0	4	7	0	0	1	0	2	58
	20:45	0	35	23	1	1	0	0	0	6	1	0	0	0	1	68
	21:00	0	18	27	0	1	0	0	2	4	0	0	1	0	1	54
	21:15	1	21	18	0	1	0	0	2	3	0	1	1	0	0	48
	21:30	0	18	19	1	3	0	0	7	2	0	1	0	0	1	52
	21:45	0	10	10	1	2	0	0	4	3	0	0	0	2	0	32
	22:00	0	17	12	0	0	0	0	0	5	1	0	1	1	1	38
	22:15	0	17	5	0	0	0	0	4	2	0	0	0	1	2	31
	22:30	0	14	6	1	0	1	0	2	2	0	0	0	0	1	27
	22:45	0	8	7	0	0	0	0	7	2	0	0	0	0	0	24
	23:00	0	11	6	0	0	0	0	2	1	0	0	0	0	1	21
	23:15	0	5	6	0	0	0	0	0	3	0	0	0	0	0	14
	23:30	0	5	9	0	0	0	0	3	0	0	0	0	0	1	18
	23:45	0	4	9	2	0	0	0	1	3	0	0	0	1	1	21
Daily Total :		19	3068	3610	96	259	47	3	331	588	94	12	17	107	77	8328
Percent :		0%	37%	43%	1%	3%	1%	0%	4%	7%	1%	0%	0%	1%	1%	
Average :		0	32	38	1	3	0	0	3	6	1	0	0	1	1	86

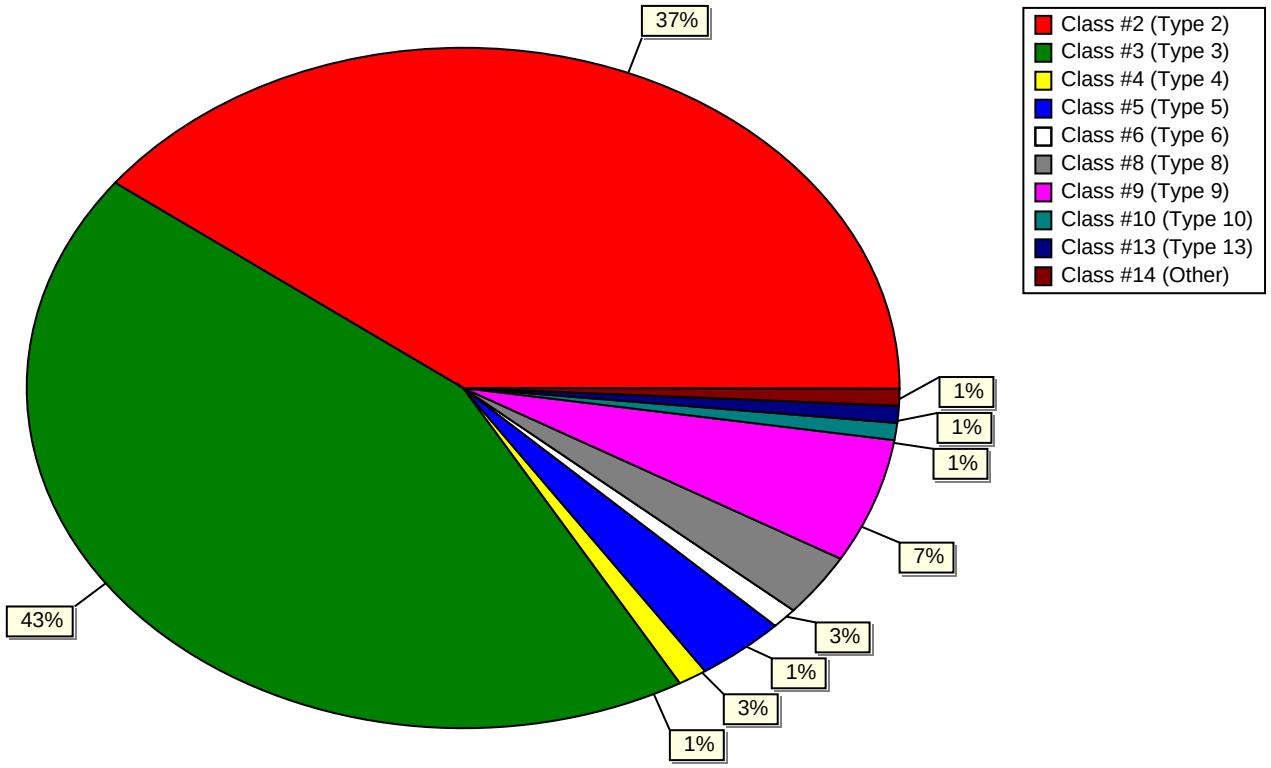
Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	7	6	0	2	0	0	0	1	0	1	1	1	1	20
Thu	00:15	0	3	7	0	1	0	0	4	3	0	0	0	0	0	18
	00:30	0	6	2	0	0	0	0	4	3	0	0	0	0	1	16
	00:45	0	4	5	1	0	0	0	1	1	0	0	1	1	0	14
	01:00	0	3	4	1	1	0	0	1	0	0	0	0	0	1	11
	01:15	0	2	5	0	0	0	0	0	1	0	0	0	0	0	8
	01:30	0	5	5	0	1	0	0	0	3	0	0	0	0	0	14
	01:45	0	4	3	0	0	1	0	1	4	1	0	0	0	0	14
	02:00	0	4	2	0	2	0	0	3	0	2	0	0	1	0	14
	02:15	0	0	1	0	2	0	0	2	0	0	0	0	0	1	6
	02:30	0	0	5	0	0	0	0	1	1	0	0	0	0	0	7
	02:45	0	4	5	0	1	0	0	0	1	0	0	0	1	0	12
	03:00	0	2	0	0	0	0	0	4	1	0	0	0	2	2	11
	03:15	0	5	3	0	2	0	0	0	4	0	0	0	0	0	14
	03:30	0	1	4	0	4	0	0	6	0	0	0	0	1	0	16
	03:45	0	2	4	0	0	0	0	4	1	0	0	0	0	0	11
	04:00	0	3	5	0	0	0	0	0	2	0	0	0	0	2	12
	04:15	0	8	6	0	3	0	0	1	2	0	0	0	1	0	21
	04:30	0	8	5	0	0	0	0	1	0	0	0	0	3	1	18
	04:45	0	16	18	0	0	0	0	3	2	0	0	0	1	0	40
	05:00	0	8	12	0	1	0	0	4	2	0	0	0	1	2	30
	05:15	0	9	21	0	2	0	1	4	8	0	0	0	2	1	48
	05:30	0	20	31	0	2	0	0	3	7	0	0	0	0	0	63
	05:45	0	18	29	0	3	0	0	3	3	0	0	0	0	1	57
	06:00	1	32	24	1	3	0	0	4	3	0	0	1	1	2	72
	06:15	0	47	41	0	4	0	0	6	5	1	2	0	2	4	112
	06:30	0	59	65	0	7	0	0	5	7	1	0	0	2	0	146
	06:45	0	54	75	1	4	0	0	3	3	0	0	0	4	2	146
	07:00	0	47	84	3	5	0	0	6	3	0	1	0	0	3	152
	07:15	0	83	103	1	5	0	0	9	3	0	1	0	1	0	206
	07:30	0	91	111	0	8	0	0	8	4	1	0	0	3	2	228
	07:45	0	86	80	0	6	0	0	13	4	0	0	0	1	1	191
	08:00	0	63	66	0	4	2	0	8	4	0	1	0	2	1	151
	08:15	0	41	60	7	7	1	0	7	4	0	0	0	1	1	129
	08:30	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
Daily Total :		1	746	897	15	80	4	1	119	91	6	6	3	32	29	2030
Percent :		0%	37%	44%	1%	4%	0%	0%	6%	4%	0%	0%	0%	2%	1%	
Average :		0	21	26	0	2	0	0	3	3	0	0	0	1	1	57

Basic Axle Class Summary: 4D0051456

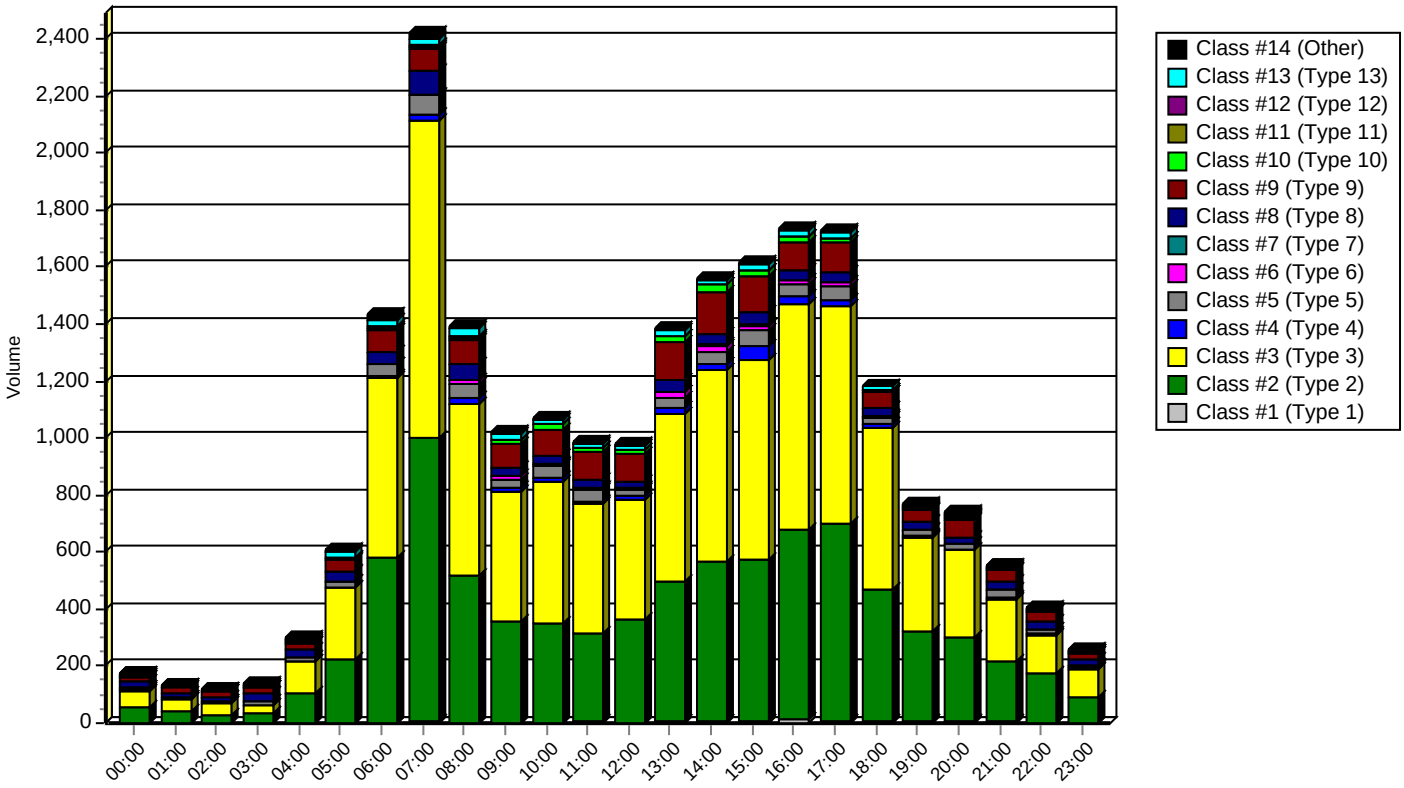
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	80	8488	9871	269	704	136	16	782	1604	213	33	43	308	179	22726
		80	8488	9871	269	704	136	16	782	1604	213	33	43	308	179	22726
Percents :	#1.	0%	37%	43%	1%	3%	1%	0%	3%	7%	1%	0%	0%	1%	1%	100%
		0%	37%	43%	1%	3%	1%	0%	3%	7%	1%	0%	0%	1%	1%	
Average :	#1.	0	31	37	1	3	1	0	3	6	1	0	0	1	1	85
		0	31	37	1	3	1	0	3	6	1	0	0	1	1	85
Days & ADT :	#1.	2.8	8080													
		2.8	8080													

4D0051456 Axle Class Charts For Data From: 13:15 - 04/11/2011 To: 08:44 - 04/14/2011

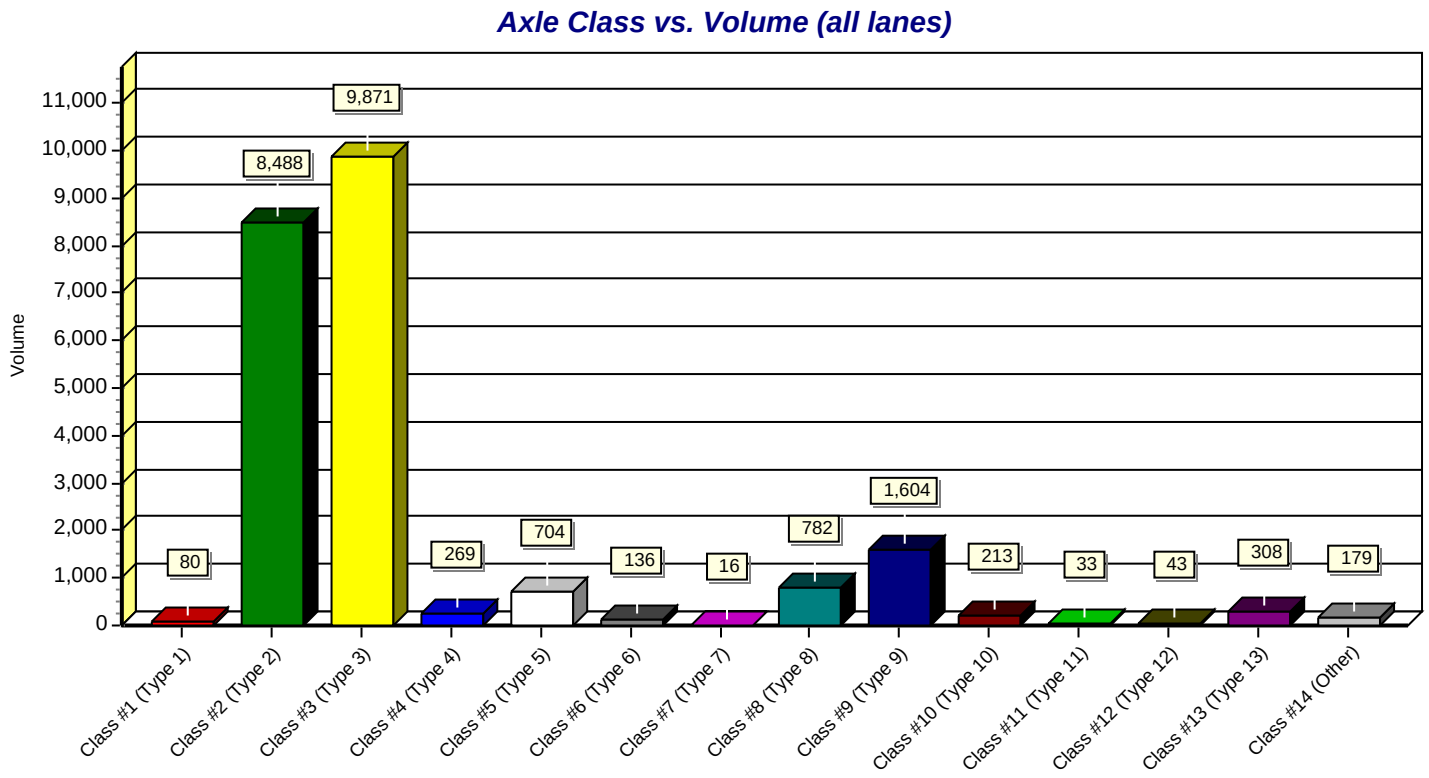
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0051456 Axle Class Charts For Data From: 13:15 - 04/11/2011 To: 08:44 - 04/14/2011



Basic Speed Classification Report: 4D0051456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 13:15 - 04/11/2011 To: 08:44 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	13:15	0	0	0	0	0	0	0	2	8	25	48	26	9	0	0	0	118
Mon	13:30	0	0	0	0	0	0	0	1	9	31	72	25	3	1	0	0	142
	13:45	0	0	0	0	0	0	0	4	10	25	42	35	5	0	0	0	121
	14:00	0	0	0	0	0	0	0	2	4	13	71	38	6	3	1	0	138
	14:15	0	0	0	0	0	0	1	1	4	30	53	31	5	0	0	0	125
	14:30	0	0	0	0	0	0	1	2	9	23	61	33	3	1	0	0	133
	14:45	0	0	0	0	0	0	1	1	7	30	44	28	6	0	0	0	117
	15:00	0	0	0	0	0	0	1	0	5	13	56	36	6	0	0	0	117
	15:15	0	0	0	0	0	0	0	0	4	27	58	23	8	1	1	0	122
	15:30	0	0	0	0	0	0	0	1	8	22	58	32	8	1	0	0	130
	15:45	0	0	0	0	0	0	0	3	9	24	75	21	6	0	0	0	138
	16:00	0	0	0	0	0	1	0	1	5	29	59	44	6	1	0	0	146
	16:15	0	0	0	0	0	0	0	0	9	21	54	41	6	0	0	0	131
	16:30	0	0	0	0	0	0	1	1	5	16	74	70	8	5	0	0	180
	16:45	0	0	0	0	0	0	0	0	6	13	67	43	6	2	1	0	138
	17:00	0	0	1	0	0	0	0	1	4	20	61	42	13	0	0	0	142
	17:15	0	0	0	0	0	0	0	2	6	27	59	44	11	1	1	0	151
	17:30	0	0	0	0	0	0	0	0	5	25	68	34	7	1	0	0	140
	17:45	0	0	0	0	0	0	0	1	1	14	47	46	6	2	0	0	117
	18:00	0	0	0	0	0	0	1	0	1	12	41	40	10	1	0	0	106
	18:15	0	0	0	0	0	0	0	0	2	12	47	40	11	2	0	0	114
	18:30	0	0	0	0	0	0	0	0	3	4	54	40	7	1	0	0	109
	18:45	0	0	0	0	0	0	0	2	1	8	42	41	10	4	0	0	108
	19:00	0	0	0	0	0	0	0	0	2	15	35	25	5	3	0	0	85
	19:15	0	0	0	0	0	0	0	0	0	15	39	24	12	0	2	0	92
	19:30	0	0	0	0	0	0	0	0	1	5	41	17	10	1	0	0	75
	19:45	1	0	0	0	0	0	0	2	3	6	19	17	4	2	0	0	54
	20:00	0	0	0	0	0	0	0	0	5	8	33	24	4	1	0	0	75
	20:15	0	0	0	0	0	0	0	0	3	10	22	18	8	0	0	0	61
	20:30	0	0	0	0	0	0	0	1	4	14	21	11	2	0	0	0	53
	20:45	0	0	0	0	0	0	0	1	3	12	19	14	6	1	0	0	56
	21:00	0	0	0	0	0	0	0	0	0	13	19	14	3	0	0	0	49
	21:15	0	0	0	0	0	0	0	0	4	9	26	11	2	1	0	0	53
	21:30	0	0	0	0	0	0	0	0	1	8	19	15	2	1	0	0	46
	21:45	0	0	0	0	0	0	0	0	1	4	18	12	4	0	0	0	39
	22:00	0	0	0	0	0	0	1	0	4	11	19	11	1	1	1	0	49
	22:15	0	0	0	0	0	0	0	2	0	9	14	6	6	0	0	0	37
	22:30	0	0	0	0	0	0	0	1	1	7	7	8	2	0	0	0	26
	22:45	0	0	0	0	0	0	0	0	2	5	9	10	2	1	0	0	29
	23:00	0	0	0	0	0	0	0	0	1	6	12	9	1	0	0	0	29

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
04/11/11	23:15	0	0	0	0	0	0	0	0	0	3	12	4	0	0	0	0	19
Mon	23:30	0	0	0	0	0	0	0	0	0	1	15	3	1	0	0	0	20
	23:45	0	0	0	0	0	0	0	1	2	1	12	7	1	0	0	0	24
Daily Total :		1	0	1	0	0	1	7	33	162	626	1722	1113	242	39	7	0	3954
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	16%	44%	28%	6%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	4	15	40	26	6	1	0	0	85

Speeds - Average: 68.4 50% : 68.4 67% : 70.5 85% : 73.7 10mph Pace: 65.0 - 74.9 (71.7%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	1	3	12	2	1	0	1	0	20
Tue	00:15	0	0	0	0	0	0	0	1	0	1	2	2	0	0	0	0	6
	00:30	0	0	0	0	1	0	0	0	1	2	6	3	0	0	0	0	13
	00:45	0	0	0	0	0	0	0	1	2	3	3	4	0	0	0	0	13
	01:00	0	0	0	0	0	0	0	0	0	2	5	0	1	0	0	0	8
	01:15	0	0	0	0	0	0	0	0	1	1	11	1	2	0	0	0	16
	01:30	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	4
	01:45	0	0	0	0	0	0	0	0	1	1	3	1	0	1	0	0	7
	02:00	0	0	0	0	0	0	0	1	2	3	5	4	0	0	0	0	15
	02:15	0	0	0	0	0	0	0	2	2	0	5	2	0	0	0	0	11
	02:30	0	0	0	0	0	0	0	0	0	2	4	2	0	1	0	0	9
	02:45	0	0	0	0	0	0	1	0	1	3	2	2	0	0	0	0	9
	03:00	0	0	0	0	0	0	0	0	0	2	4	4	0	0	0	0	10
	03:15	0	0	0	0	0	0	0	0	0	0	5	1	1	0	0	0	7
	03:30	0	0	0	0	0	0	0	0	0	2	4	1	1	0	0	0	8
	03:45	0	0	0	0	0	0	1	0	0	1	2	3	3	0	0	0	10
	04:00	0	0	0	0	0	0	1	0	3	3	10	2	0	0	0	0	19
	04:15	0	0	0	0	0	0	0	0	3	4	7	5	3	0	0	0	22
	04:30	0	0	0	0	0	0	0	1	5	7	5	6	1	0	0	0	25
	04:45	0	0	0	0	0	0	0	1	3	8	12	9	0	0	0	0	33
	05:00	0	0	0	0	0	0	1	0	1	6	12	7	0	1	0	0	28
	05:15	0	0	0	0	0	0	0	0	3	4	19	10	4	0	0	0	40
	05:30	0	0	0	0	1	0	0	0	2	10	22	29	5	2	1	0	72
	05:45	0	0	0	0	0	1	0	0	1	6	21	32	6	2	0	0	69
	06:00	0	0	0	0	0	1	0	0	5	14	32	20	7	2	0	0	81
	06:15	0	0	0	0	0	0	0	1	5	6	40	39	9	1	0	0	101
	06:30	0	0	0	0	0	0	1	1	6	11	61	48	26	2	1	0	157
	06:45	0	0	0	0	0	0	0	1	2	10	49	55	13	2	0	0	132
	07:00	0	0	0	0	0	0	2	2	5	16	51	70	19	4	0	0	169
	07:15	0	0	0	0	0	0	0	0	4	26	86	80	10	1	0	0	207
	07:30	0	0	1	0	0	0	0	7	10	12	89	86	11	2	0	0	218
	07:45	0	0	0	0	0	0	0	1	4	12	70	98	27	1	0	0	213
	08:00	0	0	0	0	0	0	0	2	1	9	60	67	15	2	0	0	156
	08:15	0	0	0	0	0	0	0	0	1	8	35	69	19	2	1	0	135
	08:30	0	0	0	0	0	0	1	0	8	26	55	47	10	2	0	0	149
	08:45	0	0	0	0	0	0	0	0	6	39	58	35	6	0	0	0	144
	09:00	0	0	0	1	0	0	0	0	13	13	51	25	4	1	0	0	108
	09:15	1	0	0	0	0	0	0	3	12	28	43	19	1	0	0	0	107
	09:30	0	0	0	0	0	0	0	0	7	20	57	30	10	0	0	0	124
	09:45	0	0	0	0	0	1	1	2	5	16	63	31	8	3	0	0	130
	10:00	0	0	0	0	0	0	1	1	4	15	59	28	9	3	0	0	120
	10:15	0	0	0	0	0	0	1	1	2	16	69	33	7	0	0	0	129
	10:30	0	0	0	0	0	0	0	4	6	17	58	27	7	0	0	0	119
	10:45	0	0	0	0	0	1	0	2	8	25	65	38	3	1	1	0	144
	11:00	0	0	0	0	0	0	0	1	1	18	75	27	6	1	0	0	129
	11:15	0	0	0	0	0	0	0	0	8	18	56	32	6	1	0	0	121
	11:30	0	0	0	0	0	0	0	1	10	18	50	35	3	2	0	0	119
	11:45	0	0	0	0	0	0	0	1	11	20	46	29	3	0	0	0	110
	12:00	0	0	0	0	0	0	0	1	6	18	50	35	5	0	0	0	115
	12:15	0	0	0	0	1	1	0	3	8	24	52	29	4	0	0	0	122

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	1	26	58	31	3	1	0	0	120
Tue	12:45	0	0	0	0	0	0	0	0	9	14	55	31	5	2	1	0	117
	13:00	0	0	0	0	0	0	0	0	6	11	55	39	8	1	0	0	120
	13:15	0	0	0	0	0	0	0	0	7	19	53	29	11	2	1	0	122
	13:30	0	0	0	0	0	0	0	1	9	14	66	26	4	1	1	0	122
	13:45	0	0	0	0	0	0	0	0	6	16	59	41	10	3	0	0	135
	14:00	0	0	0	0	0	0	0	0	0	8	77	30	7	2	0	0	124
	14:15	0	0	0	0	0	0	0	1	9	17	56	31	7	0	0	0	121
	14:30	0	0	0	0	0	0	0	0	2	17	83	43	6	1	0	0	152
	14:45	0	0	0	0	0	0	0	0	0	22	51	45	3	0	1	0	122
	15:00	0	0	0	0	0	0	0	1	3	16	57	33	9	1	1	0	121
	15:15	0	0	0	0	0	0	0	0	4	31	63	33	8	2	0	0	141
	15:30	0	0	0	0	0	0	0	0	6	31	59	37	13	6	0	0	152
	15:45	0	0	0	0	0	0	0	1	4	16	68	35	9	1	0	0	134
	16:00	0	0	0	0	0	0	0	0	1	18	62	44	11	1	0	0	137
	16:15	0	0	0	0	0	0	0	0	3	25	55	41	9	4	1	0	138
	16:30	0	0	0	0	0	0	0	0	5	18	57	50	17	2	0	0	149
	16:45	0	0	0	0	0	0	0	0	2	23	74	36	9	0	0	0	144
	17:00	0	0	0	0	0	0	1	2	5	25	65	39	9	0	0	0	146
	17:15	0	0	1	0	0	0	0	0	2	20	71	41	10	1	0	0	146
	17:30	0	0	0	0	0	0	0	1	5	16	68	41	8	2	0	0	141
	17:45	0	0	0	0	0	0	1	0	4	13	61	51	6	2	1	0	139
	18:00	0	0	0	0	0	0	0	1	1	24	42	41	5	2	0	0	116
	18:15	0	0	0	0	0	0	0	0	3	19	48	39	6	1	0	0	116
	18:30	0	0	0	0	0	0	0	3	5	8	45	43	9	0	0	0	113
	18:45	0	0	0	0	0	0	0	0	3	18	37	29	3	1	0	0	91
	19:00	0	0	0	0	0	0	0	0	4	25	40	18	3	0	0	0	90
	19:15	0	0	0	0	0	0	0	0	4	6	53	25	4	2	0	0	94
	19:30	0	0	0	0	0	0	0	0	3	10	34	28	1	1	0	0	77
	19:45	0	0	0	0	0	0	0	0	3	10	35	22	9	0	0	0	79
	20:00	0	0	0	0	0	0	0	0	3	9	27	17	2	0	0	0	58
	20:15	0	0	0	0	0	0	0	0	4	13	25	20	0	0	0	0	62
	20:30	0	0	0	0	0	0	0	1	6	5	27	16	1	0	0	0	56
	20:45	0	0	0	0	0	0	2	1	4	9	33	11	1	1	0	0	62
	21:00	0	0	0	0	0	0	0	2	6	16	21	12	1	0	0	0	58
	21:15	0	0	0	0	0	0	0	1	3	7	21	13	1	0	0	0	46
	21:30	0	0	0	0	0	0	0	1	2	8	13	10	3	0	0	0	37
	21:45	0	0	0	0	0	0	0	0	5	7	20	8	2	0	0	0	42
	22:00	0	0	0	0	0	0	1	0	2	10	17	12	1	0	0	0	43
	22:15	0	0	0	0	0	0	0	0	2	6	18	9	1	0	0	0	36
	22:30	0	0	0	0	0	0	0	2	5	8	13	10	1	0	0	0	39
	22:45	0	0	0	0	0	0	0	1	0	5	7	12	3	1	0	0	29
	23:00	0	0	0	0	0	0	0	1	1	8	9	6	0	0	0	0	25
	23:15	0	0	0	0	0	0	0	0	3	2	8	8	0	0	0	0	21
	23:30	0	0	0	0	0	0	0	1	4	5	11	6	2	0	0	0	29
	23:45	0	0	0	0	0	0	0	0	2	4	7	4	2	0	0	0	19

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		1	0	2	1	3	5	16	64	361	1188	3646	2512	519	84	12	0	8414
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	14%	43%	30%	6%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	4	12	38	26	5	1	0	0	93

Speeds - Average: 68.5 50% : 68.5 67% : 70.8 85% : 73.8 10mph Pace: 65.0 - 74.9 (73.2%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	3	5	4	1	0	0	0	13
Wed	00:15	0	0	0	0	0	0	1	0	0	1	8	8	0	2	0	0	20
	00:30	0	0	0	0	0	0	0	1	1	2	7	2	0	1	0	0	14
	00:45	0	0	0	0	0	0	0	0	0	3	6	1	0	1	0	0	11
	01:00	0	0	0	0	0	0	0	0	1	1	4	7	1	0	0	0	14
	01:15	0	0	0	0	0	0	0	0	3	1	4	1	1	1	0	0	11
	01:30	0	0	0	0	0	0	0	0	1	3	5	4	0	0	0	0	13
	01:45	0	0	0	0	0	0	0	1	1	2	3	4	2	0	0	0	13
	02:00	0	0	0	0	0	0	1	2	0	1	3	6	0	0	0	0	13
	02:15	0	0	0	0	0	0	1	0	0	1	5	1	2	0	0	0	10
	02:30	0	0	0	0	0	0	0	0	2	0	4	2	0	0	0	0	8
	02:45	0	0	0	0	0	0	0	0	0	2	5	1	0	0	0	0	8
	03:00	0	0	0	0	0	0	0	0	1	1	0	6	0	0	0	0	8
	03:15	0	0	0	0	0	0	0	0	3	1	8	1	0	0	0	0	13
	03:30	0	0	0	0	0	0	0	1	1	6	3	5	0	0	0	0	16
	03:45	0	0	0	0	0	0	0	0	1	2	7	2	1	1	0	0	14
	04:00	0	0	0	0	0	0	0	0	1	2	9	5	3	0	0	0	20
	04:15	0	0	0	0	0	0	0	0	3	3	8	5	2	0	0	0	21
	04:30	0	0	0	0	0	0	0	0	2	5	10	10	2	0	0	0	29
	04:45	0	0	0	0	0	0	0	1	0	6	14	15	3	0	0	0	39
	05:00	0	0	0	0	0	0	0	2	6	4	13	7	1	0	0	0	33
	05:15	0	0	0	0	0	0	0	0	6	6	19	8	3	0	0	0	42
	05:30	0	0	0	0	0	0	0	0	2	11	22	19	4	0	1	0	59
	05:45	0	0	0	0	0	0	0	0	2	4	23	28	6	4	1	0	68
	06:00	0	0	0	0	0	0	0	1	4	8	27	23	11	1	0	0	75
	06:15	0	0	0	0	0	0	0	1	4	10	43	38	8	2	0	0	106
	06:30	0	0	0	0	0	0	0	1	1	18	58	56	17	2	0	0	153
	06:45	1	0	0	0	0	0	0	0	3	13	43	63	25	3	1	0	152
	07:00	0	0	0	0	0	0	0	1	10	15	66	73	17	1	0	0	183
	07:15	1	0	0	0	0	0	0	0	6	23	73	95	13	2	1	0	214
	07:30	0	0	0	0	0	0	0	1	7	24	86	87	26	4	0	0	235
	07:45	0	0	0	0	0	0	0	0	6	19	70	93	14	3	0	0	205
	08:00	0	0	0	0	0	0	1	2	7	6	61	49	13	1	0	0	140
	08:15	0	0	0	0	0	0	0	0	5	14	52	45	10	2	1	0	129
	08:30	0	0	0	0	0	0	0	0	8	12	60	46	12	1	1	0	140
	08:45	0	0	0	0	0	0	0	0	0	14	44	41	11	4	2	0	116
	09:00	0	0	0	0	0	0	0	0	3	17	62	41	7	2	0	0	132
	09:15	0	0	0	0	0	0	0	3	8	23	58	27	11	3	0	0	133
	09:30	0	0	0	0	0	0	1	0	9	22	61	48	8	0	0	0	149
	09:45	0	0	0	0	0	0	0	0	0	20	68	41	10	0	0	0	139
	10:00	0	0	0	0	0	0	0	1	5	20	78	31	8	2	0	0	145
	10:15	0	0	0	0	0	0	0	2	4	13	62	45	17	0	0	0	143
	10:30	0	0	0	0	0	0	1	1	8	17	53	46	4	0	0	0	130
	10:45	0	0	0	0	0	0	0	0	6	12	55	56	10	4	0	0	143
	11:00	0	0	0	0	0	0	0	0	10	20	44	39	7	2	1	0	123
	11:15	0	0	0	0	0	0	0	1	7	14	61	35	4	0	1	0	123
	11:30	0	0	0	0	0	0	0	0	22	31	60	26	3	0	1	0	143
	11:45	0	0	0	0	0	0	0	0	5	16	62	27	7	1	0	0	118
	12:00	0	0	0	0	0	0	0	1	2	11	60	33	9	2	1	0	119
	12:15	0	0	0	0	0	0	0	1	2	15	59	43	9	1	0	0	130

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	3	4	23	50	38	9	0	0	0	127
Wed	12:45	0	0	0	0	0	0	0	3	1	29	45	36	12	1	1	0	128
	13:00	0	0	0	0	0	0	0	2	6	24	52	32	9	2	0	0	127
	13:15	0	0	0	0	0	0	0	4	5	10	60	43	10	0	0	0	132
	13:30	0	0	0	0	0	0	0	0	2	17	60	36	6	4	0	0	125
	13:45	0	0	0	0	0	0	0	0	4	26	62	22	4	2	0	0	120
	14:00	0	0	0	0	0	0	0	0	3	20	73	39	9	1	0	0	145
	14:15	0	0	0	0	0	0	0	0	4	17	44	51	17	0	0	0	133
	14:30	0	0	0	0	0	0	0	2	8	18	48	39	8	1	3	0	127
	14:45	0	0	0	0	0	0	0	0	5	24	57	31	3	3	0	0	123
	15:00	0	0	0	0	0	0	0	0	4	10	58	44	3	0	0	0	119
	15:15	0	0	0	0	0	0	0	2	1	19	63	39	7	3	0	0	134
	15:30	0	0	0	0	0	0	0	0	17	28	66	31	3	0	2	0	147
	15:45	0	0	0	0	0	0	0	0	2	28	63	56	10	0	0	0	159
	16:00	1	0	0	0	0	0	0	0	4	32	48	37	9	0	0	0	131
	16:15	0	0	0	0	0	0	0	1	6	22	61	30	11	1	0	0	132
	16:30	0	0	0	0	0	0	0	3	4	32	57	58	12	1	0	0	167
	16:45	0	0	0	0	0	0	1	0	4	17	64	43	10	2	0	0	141
	17:00	0	0	0	0	0	0	0	0	6	18	71	62	5	4	0	0	166
	17:15	0	0	0	0	0	0	0	0	0	12	63	54	17	2	0	0	148
	17:30	0	0	0	0	0	0	0	0	5	22	74	49	5	0	2	0	157
	17:45	0	0	0	0	0	0	0	1	4	17	55	46	11	2	0	0	136
	18:00	0	0	0	0	0	0	0	0	1	23	49	54	7	0	1	0	135
	18:15	0	0	0	0	0	0	0	1	1	26	69	44	9	0	0	0	150
	18:30	0	0	0	0	0	0	1	1	4	5	3	1	0	0	0	0	15
	18:45	0	0	0	0	0	0	1	3	2	4	3	0	0	0	0	0	13
	19:00	0	0	2	0	0	1	0	0	0	1	1	0	0	0	0	0	5
	19:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	19:30	0	0	0	0	0	0	0	0	3	5	22	16	0	0	0	0	46
	19:45	0	0	0	0	0	0	0	1	4	7	31	27	3	0	0	0	73
	20:00	0	0	0	0	0	0	0	0	4	9	32	13	1	1	0	0	60
	20:15	0	0	0	0	0	0	0	0	7	15	25	22	1	1	1	0	72
	20:30	0	0	0	0	0	0	0	2	3	7	32	12	2	0	0	0	58
	20:45	0	0	0	0	0	0	0	5	6	13	27	15	2	0	0	0	68
	21:00	0	0	0	0	0	0	0	0	3	9	25	12	5	0	0	0	54
	21:15	0	1	0	0	0	0	0	0	1	7	18	17	1	3	0	0	48
	21:30	0	0	0	0	0	0	0	0	2	14	22	11	2	1	0	0	52
	21:45	0	0	0	0	0	1	1	0	5	4	13	4	3	0	1	0	32
	22:00	0	0	0	0	0	0	2	3	6	7	10	7	3	0	0	0	38
	22:15	0	0	0	0	0	0	0	0	4	6	12	7	2	0	0	0	31
	22:30	0	0	0	0	0	0	0	1	2	5	12	7	0	0	0	0	27
	22:45	0	0	0	0	0	0	0	0	2	4	6	11	1	0	0	0	24
	23:00	0	0	0	0	0	0	0	0	1	2	8	8	2	0	0	0	21
	23:15	0	0	0	0	0	0	0	0	0	3	8	3	0	0	0	0	14
	23:30	0	0	0	0	0	0	0	0	0	3	8	6	1	0	0	0	18
	23:45	0	0	0	0	0	1	1	0	3	3	9	4	0	0	0	0	21

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	1	2	0	0	3	13	63	353	1145	3460	2616	558	88	23	0	8328
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	4%	14%	42%	31%	7%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	1	4	12	36	27	6	1	0	0	87

Speeds - Average: 68.7 50% : 68.8 67% : 71.1 85% : 73.9 10mph Pace: 65.0 - 74.9 (73.0%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	1	5	9	2	2	1	0	0	20
Thu	00:15	0	0	0	0	0	1	0	0	1	3	8	3	1	1	0	0	18
	00:30	0	0	0	1	0	0	0	0	0	7	3	4	0	1	0	0	16
	00:45	0	0	0	2	0	0	1	0	1	2	4	3	1	0	0	0	14
	01:00	0	0	0	0	0	0	0	1	1	1	5	3	0	0	0	0	11
	01:15	0	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	8
	01:30	0	0	0	0	0	0	0	0	0	1	6	3	4	0	0	0	14
	01:45	0	0	0	0	0	0	0	0	1	2	8	2	1	0	0	0	14
	02:00	0	0	0	0	0	0	1	0	0	2	6	4	1	0	0	0	14
	02:15	0	0	0	0	0	0	0	0	1	2	1	1	1	0	0	0	6
	02:30	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	0	7
	02:45	0	0	0	0	0	0	0	0	2	3	4	2	1	0	0	0	12
	03:00	0	0	0	0	0	0	0	0	2	3	3	3	0	0	0	0	11
	03:15	0	0	0	0	0	0	0	0	0	3	6	5	0	0	0	0	14
	03:30	0	0	0	0	0	0	0	2	3	5	4	1	1	0	0	0	16
	03:45	0	0	0	0	0	0	0	0	1	1	3	5	1	0	0	0	11
	04:00	0	0	0	0	0	0	0	0	1	2	3	5	1	0	0	0	12
	04:15	0	0	0	0	0	0	0	0	1	4	5	8	3	0	0	0	21
	04:30	0	0	0	0	0	0	0	3	3	2	4	6	0	0	0	0	18
	04:45	0	0	0	0	0	1	0	0	5	11	15	7	1	0	0	0	40
	05:00	0	0	0	0	0	0	0	0	3	6	9	11	1	0	0	0	30
	05:15	0	0	0	0	0	0	1	1	5	8	12	13	8	0	0	0	48
	05:30	0	0	0	0	0	0	0	1	2	10	22	22	6	0	0	0	63
	05:45	0	0	0	0	0	0	0	2	3	10	22	13	6	0	1	0	57
	06:00	0	0	0	0	0	0	2	3	8	15	16	21	7	0	0	0	72
	06:15	0	0	0	0	0	0	3	1	6	21	39	31	9	1	1	0	112
	06:30	0	0	0	0	0	0	0	2	5	11	56	55	12	4	1	0	146
	06:45	1	0	0	0	0	0	0	4	4	10	39	60	25	3	0	0	146
	07:00	0	0	0	0	0	0	1	2	5	16	51	62	14	1	0	0	152
	07:15	0	0	0	0	0	0	0	0	6	23	85	78	14	0	0	0	206
	07:30	0	0	0	0	0	0	0	2	8	38	95	72	12	1	0	0	228
	07:45	0	0	0	0	0	0	0	0	7	39	70	62	12	1	0	0	191
	08:00	0	0	0	0	0	0	0	1	11	18	57	61	3	0	0	0	151
	08:15	1	0	0	0	1	0	0	0	10	29	49	31	8	0	0	0	129
	08:30	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
Daily Total :		3	0	0	3	1	2	9	25	107	315	723	667	157	15	3	0	2030
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	5%	16%	36%	33%	8%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	3	9	21	19	4	0	0	0	87

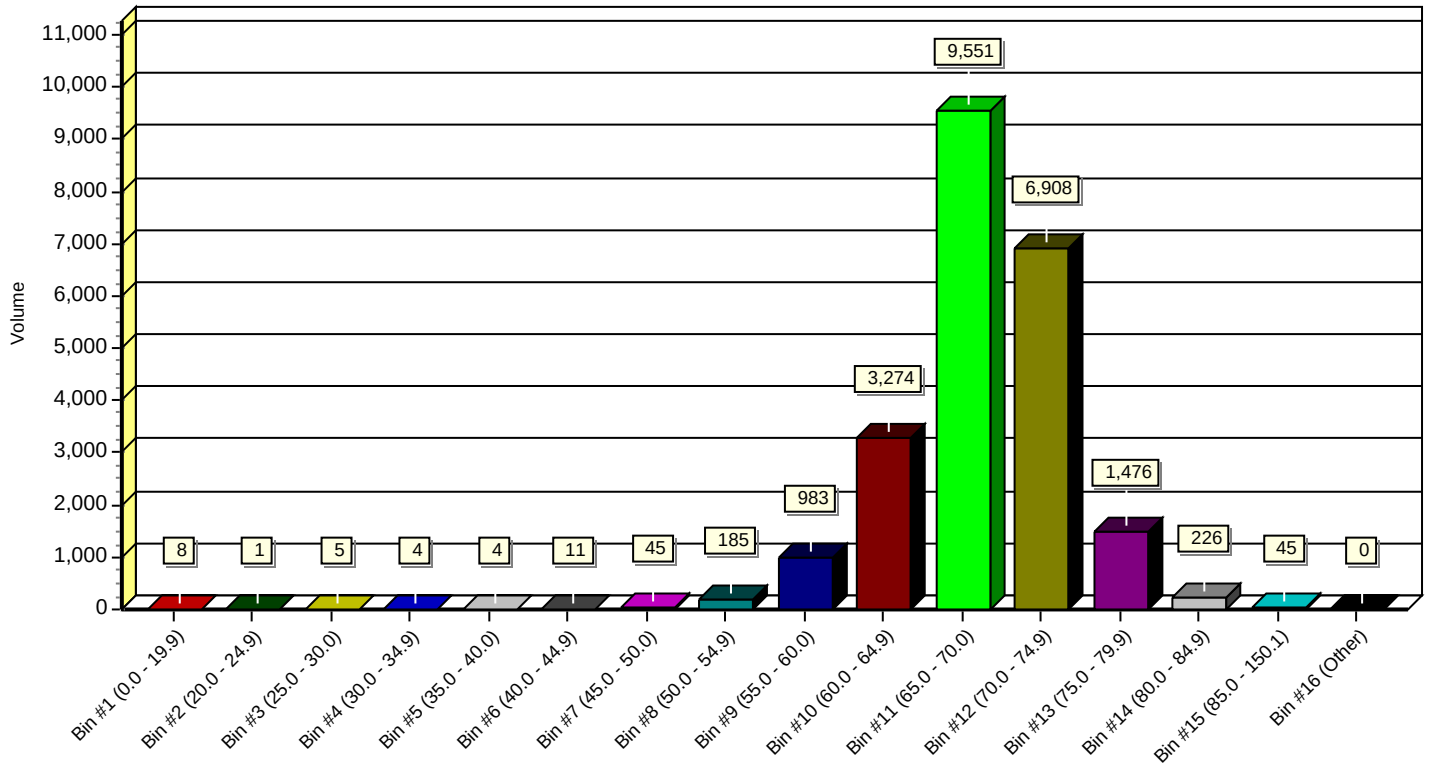
Speeds - Average: 68.3 50% : 68.8 67% : 71.5 85% : 74.0 10mph Pace: 65.0 - 74.9 (68.5%)

Basic Speed Class Summary: 4D0051456

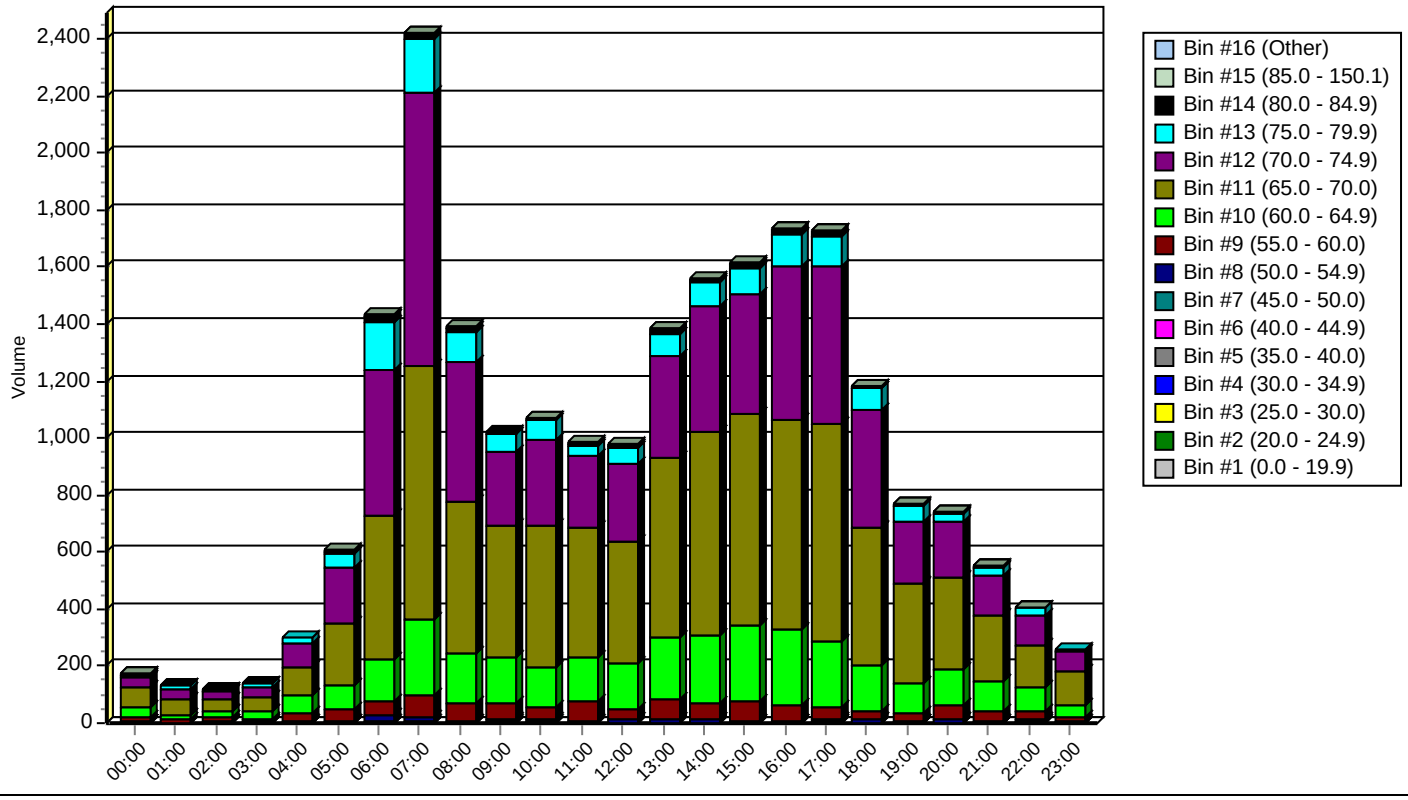
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	8	1	5	4	4	11	45	185	983	3274	9551	6908	1476	226	45	0	22726
		8	1	5	4	4	11	45	185	983	3274	9551	6908	1476	226	45	0	22726
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	4%	14%	42%	30%	6%	1%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	4%	14%	42%	30%	6%	1%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	1	4	12	35	26	5	1	0	0	84
		0	0	0	0	0	0	0	1	4	12	35	26	5	1	0	0	84
Days & ADT :	#1.	2.8	8080															
		2.8	8080															
Avg,50,67,85%:	#1.	68.5	68.7	71.0	73.8	65.0	- 74.9	72%										
		68.5	68.7	71.0	73.8	65.0	- 74.9	72%										

4D0051456 Speed Class Charts For Data From: 13:15 - 04/11/2011 To: 08:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0051456

Station ID : 4P0051456
Info Line 1 : 90994535
Info Line 2 : I-90 WESTOF JON
GPS Lat/Lon :
DB File : 4P0051456.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 97842
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 13:15 - 04/11/2011 To: 08:44 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	13:15	0	15	16	0	1	0	0	0	1	0	0	0	0	0	33
Mon	13:30	0	19	12	0	0	0	0	0	4	0	0	0	0	0	35
	13:45	1	25	15	0	0	0	0	0	0	0	0	0	0	0	41
	14:00	0	20	9	0	0	0	0	0	0	1	0	0	1	0	31
	14:15	0	12	19	0	0	0	0	0	4	0	0	0	0	0	35
	14:30	0	27	15	0	0	0	0	0	2	1	0	0	0	0	45
	14:45	1	14	21	0	1	0	0	0	2	0	0	0	2	0	41
	15:00	0	21	6	0	0	0	0	0	0	0	0	0	0	0	27
	15:15	1	14	9	0	0	0	0	2	1	0	0	0	0	0	27
	15:30	2	25	22	0	0	1	0	0	0	0	0	0	0	0	50
	15:45	1	18	15	0	0	0	0	0	1	0	0	0	1	0	36
	16:00	0	22	20	0	1	1	0	0	3	0	0	0	0	0	47
	16:15	1	29	13	0	0	0	0	0	0	0	0	0	1	0	44
	16:30	0	36	19	1	0	1	0	1	1	0	0	0	0	0	59
	16:45	0	33	5	0	0	0	0	0	0	1	0	0	0	0	39
	17:00	0	30	38	0	0	0	0	0	2	0	0	0	0	0	70
	17:15	1	23	26	0	0	0	0	0	2	0	0	0	0	0	52
	17:30	0	32	15	0	0	0	0	0	1	0	0	0	0	0	48
	17:45	0	15	13	0	0	0	0	0	0	0	0	0	0	0	28
	18:00	1	12	12	0	0	0	0	0	0	0	0	0	0	0	25
	18:15	0	15	11	0	0	0	0	0	1	0	0	0	0	0	27
	18:30	0	16	5	0	0	0	0	0	2	0	0	0	0	0	23
	18:45	0	13	3	0	0	0	0	0	0	0	0	0	0	0	16
	19:00	0	15	10	0	0	0	0	0	0	0	0	0	0	0	25
	19:15	0	9	6	0	0	0	0	0	1	0	0	0	0	0	16
	19:30	1	3	7	0	0	0	0	0	0	0	0	0	0	0	11
	19:45	0	2	2	0	0	0	0	0	1	1	0	0	0	0	6
	20:00	0	7	3	0	0	0	0	0	0	1	0	0	0	0	11
	20:15	0	8	4	0	0	0	0	0	1	0	0	0	0	0	13
	20:30	0	9	5	0	0	0	0	0	0	0	0	0	0	0	14
	20:45	1	4	3	0	0	0	0	0	0	0	0	0	0	0	8
	21:00	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	21:15	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
	21:30	0	2	0	0	0	0	0	0	2	0	0	1	0	0	5

	(AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
Date	Time															
04/11/11	21:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Mon	22:00	0	1	6	0	0	0	0	0	1	0	0	0	0	0	8
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
	23:45	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2
Daily Total :		11	559	396	1	4	3	0	3	34	5	0	1	6	0	1023
	Percent :	1%	55%	39%	0%	0%	0%	0%	0%	3%	0%	0%	0%	1%	0%	
	Average :	0	13	9	0	0	0	0	0	1	0	0	0	0	0	23

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	04:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:15	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	05:30	0	4	3	0	0	0	0	0	1	0	0	0	0	0	8
	05:45	0	9	8	0	0	0	0	0	0	0	0	0	0	0	17
	06:00	0	11	5	0	0	0	0	0	0	0	0	0	0	0	16
	06:15	0	17	17	0	0	0	0	0	1	0	0	0	1	0	36
	06:30	1	36	31	0	1	0	0	0	0	0	0	1	0	0	70
	06:45	0	37	16	0	0	0	0	1	0	0	0	0	0	0	54
	07:00	0	53	27	0	0	0	0	0	1	0	0	0	0	0	81
	07:15	0	73	41	0	0	0	0	0	0	0	0	0	0	1	115
	07:30	0	89	55	0	0	0	0	0	6	0	0	0	1	3	154
	07:45	1	75	39	0	0	0	0	0	1	0	0	0	1	1	118
	08:00	0	33	23	0	2	0	0	0	2	0	0	0	0	0	60
	08:15	0	22	18	0	0	0	0	0	1	0	0	0	0	0	41
	08:30	0	35	16	0	0	0	0	0	3	0	0	0	0	0	54
	08:45	1	38	17	0	0	1	0	0	2	0	0	0	0	0	59
	09:00	1	22	21	0	0	0	0	1	1	0	0	0	1	0	47
	09:15	0	36	13	0	1	0	0	0	4	0	0	0	1	0	55
	09:30	0	16	13	0	0	1	0	0	2	1	0	0	0	0	33
	09:45	0	25	7	0	1	0	0	0	1	0	0	0	1	1	36
	10:00	0	13	11	0	1	0	0	1	2	0	0	0	0	0	28
	10:15	0	22	14	0	0	0	0	0	1	0	0	0	0	0	37
	10:30	0	15	19	0	0	0	0	0	1	1	0	0	1	0	37
	10:45	0	17	18	0	0	0	0	0	0	0	0	0	0	0	35
	11:00	0	21	11	0	0	0	0	0	2	0	0	0	0	0	34
	11:15	0	12	19	0	0	0	0	0	4	2	0	0	1	0	38
	11:30	0	11	8	0	0	0	0	0	0	0	0	0	1	0	20
	11:45	0	19	18	0	0	1	0	0	1	0	0	0	0	1	40
	12:00	0	11	8	1	0	1	0	0	1	0	0	0	0	0	22
	12:15	0	18	13	0	0	0	0	0	0	1	0	0	1	0	33

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	25	14	0	0	0	0	1	0	0	0	0	0	0	40
Tue	12:45	0	19	15	1	0	0	0	0	4	0	0	0	0	0	39
	13:00	1	13	15	0	0	0	0	0	1	0	0	0	0	0	30
	13:15	0	20	10	0	0	3	0	0	3	0	0	0	0	0	36
	13:30	1	18	11	0	0	0	0	0	1	0	0	0	0	0	31
	13:45	0	19	13	0	0	0	0	0	2	1	0	0	0	0	35
	14:00	1	20	10	0	0	0	0	0	1	0	0	0	0	0	32
	14:15	0	25	11	0	0	0	0	0	1	0	0	0	0	0	37
	14:30	0	14	10	0	0	0	0	0	1	1	0	0	1	0	27
	14:45	0	16	12	0	0	1	0	0	5	1	0	0	0	0	35
	15:00	0	11	13	1	0	0	0	0	1	0	0	0	0	0	26
	15:15	0	16	14	0	0	0	0	0	3	0	0	0	1	0	34
	15:30	0	38	15	0	1	0	0	0	4	0	0	0	0	0	58
	15:45	0	21	12	1	0	0	0	1	3	1	0	0	0	0	39
	16:00	0	31	8	0	0	0	0	0	0	0	0	0	0	0	39
	16:15	0	20	16	0	0	0	0	0	0	0	0	0	1	0	37
	16:30	1	26	14	0	0	0	0	0	3	1	0	0	0	0	45
	16:45	0	17	15	0	0	0	0	0	2	1	0	0	0	0	35
	17:00	0	34	24	0	0	0	0	0	2	0	0	0	0	0	60
	17:15	0	43	18	0	0	0	0	0	1	1	0	0	0	0	63
	17:30	0	20	23	2	0	0	0	1	0	0	0	0	0	1	47
	17:45	1	19	21	0	0	0	0	0	1	0	0	0	0	0	42
	18:00	0	17	15	0	0	1	0	0	1	0	0	0	0	0	34
	18:15	0	17	19	0	0	0	0	0	1	0	0	0	0	0	37
	18:30	0	17	7	0	0	0	0	1	0	0	0	0	0	0	25
	18:45	0	8	6	0	0	0	0	0	0	0	0	0	0	0	14
	19:00	0	11	9	1	0	0	0	0	0	0	0	0	0	0	21
	19:15	0	11	5	0	0	0	0	0	0	0	0	0	0	1	17
	19:30	0	8	5	0	0	0	0	0	1	0	0	0	1	0	15
	19:45	1	6	4	0	0	0	0	0	0	0	0	0	0	0	11
	20:00	0	1	5	0	0	0	0	0	1	0	0	0	0	0	7
	20:15	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	20:30	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	20:45	0	10	3	0	0	0	0	0	1	0	0	0	0	0	14
	21:00	0	5	2	0	0	0	0	0	1	0	0	0	0	0	8
	21:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	21:30	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	21:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:00	0	4	3	0	0	0	0	0	1	0	0	0	0	0	8
	22:15	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	22:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		11	1426	933	7	7	9	0	7	88	12	0	1	14	9	2524
Percent :		0%	56%	37%	0%	0%	0%	0%	0%	3%	0%	0%	0%	1%	0%	
Average :		0	15	10	0	0	0	0	0	1	0	0	0	0	0	26

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	04:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:45	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	05:00	0	1	3	0	0	0	0	0	1	0	0	0	0	0	5
	05:15	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
	05:30	0	6	6	0	0	0	0	0	0	0	0	0	1	0	13
	05:45	0	7	4	0	0	0	0	0	0	0	0	0	1	0	12
	06:00	0	9	3	0	0	0	0	0	0	0	0	0	1	0	13
	06:15	0	16	13	0	0	0	0	0	0	0	0	0	0	0	29
	06:30	0	47	23	1	0	1	0	0	0	0	0	0	1	1	74
	06:45	0	43	26	0	0	0	0	0	0	0	0	0	0	0	69
	07:00	1	54	36	0	0	0	0	1	3	0	0	0	0	0	95
	07:15	0	57	41	0	0	0	0	2	0	0	0	0	0	1	101
	07:30	0	72	53	0	1	0	0	1	2	0	0	0	1	2	132
	07:45	0	93	26	0	0	0	0	0	2	0	0	0	0	2	123
	08:00	1	43	31	0	0	0	0	1	2	0	0	0	0	0	78
	08:15	0	26	18	0	0	0	0	0	1	0	0	0	0	0	45
	08:30	0	36	23	0	0	0	0	0	0	0	0	0	0	0	59
	08:45	0	25	16	0	0	0	0	0	0	0	0	0	0	0	41
	09:00	0	18	15	0	0	0	0	0	3	1	0	0	1	0	38
	09:15	0	20	15	0	1	0	0	0	5	0	0	0	0	0	41
	09:30	0	25	10	0	0	1	0	0	3	0	0	0	0	0	39
	09:45	0	20	14	0	0	1	0	0	3	0	0	0	1	0	39
	10:00	1	22	17	0	1	0	0	0	1	0	0	0	0	0	42
	10:15	0	12	9	0	0	0	0	0	2	0	0	0	0	0	23
	10:30	0	18	22	0	0	0	0	0	4	1	0	0	0	0	45
	10:45	0	21	14	0	0	1	0	0	3	0	0	0	0	0	39
	11:00	0	19	9	0	0	0	0	0	0	0	0	0	0	0	28
	11:15	0	20	13	0	0	0	0	0	0	0	0	0	0	0	33
	11:30	0	15	13	0	0	0	0	0	3	2	0	0	0	0	33
	11:45	1	21	12	0	0	0	0	0	2	1	0	0	0	0	37
	12:00	0	12	21	0	0	1	0	0	0	1	0	0	1	0	36
	12:15	0	20	10	0	0	0	0	0	1	0	0	0	0	0	31

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	2	19	12	0	0	0	0	0	1	0	0	0	2	0	36
Wed	12:45	0	21	18	1	2	0	0	0	2	0	0	0	1	0	45
	13:00	0	23	12	1	0	0	0	0	0	0	0	0	0	0	36
	13:15	0	24	18	0	0	1	0	0	0	1	0	0	1	0	45
	13:30	0	17	14	0	0	0	0	0	0	0	0	0	0	0	31
	13:45	1	17	7	0	1	0	0	0	0	0	0	0	1	1	28
	14:00	0	13	11	0	0	1	0	1	1	0	0	0	0	0	27
	14:15	1	20	12	0	0	1	0	0	1	0	0	0	1	0	36
	14:30	0	15	15	0	0	0	0	0	3	1	0	0	0	0	34
	14:45	0	20	11	0	0	1	0	0	2	1	0	0	0	0	35
	15:00	0	17	16	0	0	0	0	0	0	0	0	0	0	0	33
	15:15	0	23	10	0	0	0	0	1	0	0	0	0	0	1	35
	15:30	0	23	12	1	1	0	0	2	3	1	0	0	0	0	43
	15:45	0	27	17	0	0	1	0	0	0	0	0	0	0	0	45
	16:00	0	22	14	0	0	1	0	0	2	0	0	0	0	0	39
	16:15	0	28	19	0	0	0	0	0	2	1	0	0	0	1	51
	16:30	0	24	20	0	0	0	0	1	1	0	0	0	1	0	47
	16:45	0	30	17	0	0	0	0	1	1	0	0	0	0	0	49
	17:00	0	31	21	0	1	0	0	0	2	1	0	0	1	0	57
	17:15	0	34	7	0	0	0	0	0	0	0	0	0	2	1	44
	17:30	0	32	26	0	0	0	0	0	2	0	0	0	0	0	60
	17:45	0	17	13	0	0	0	0	1	1	0	0	0	1	0	33
	18:00	0	12	13	0	0	1	0	1	0	0	0	0	1	0	28
	18:15	0	16	12	0	0	0	0	0	0	1	0	0	0	0	29
	18:30	0	72	43	1	1	1	0	0	9	1	0	1	0	1	130
	18:45	0	71	44	0	2	0	0	3	13	2	0	0	2	1	138
	19:00	0	47	34	1	0	0	0	1	8	2	0	0	1	2	96
	19:15	0	43	35	0	0	0	0	1	12	3	0	0	1	3	98
	19:30	0	12	6	0	0	0	0	0	3	1	0	0	0	0	22
	19:45	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
	20:00	0	5	2	0	1	0	0	0	0	0	0	0	0	0	8
	20:15	0	5	7	0	0	0	0	1	1	0	0	0	1	0	15
	20:30	0	3	2	0	0	0	0	0	0	0	0	1	0	0	6
	20:45	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	21:00	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	21:15	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	21:30	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
	21:45	0	5	1	0	0	0	0	0	1	0	0	0	0	0	7
	22:00	0	5	2	1	0	0	0	0	0	0	0	0	0	0	8
	22:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	22:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	22:45	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		8	1632	1066	7	12	13	0	19	118	22	0	2	25	17	2941
Percent :		0%	55%	36%	0%	0%	0%	0%	1%	4%	1%	0%	0%	1%	1%	
Average :		0	17	11	0	0	0	0	0	1	0	0	0	0	0	29

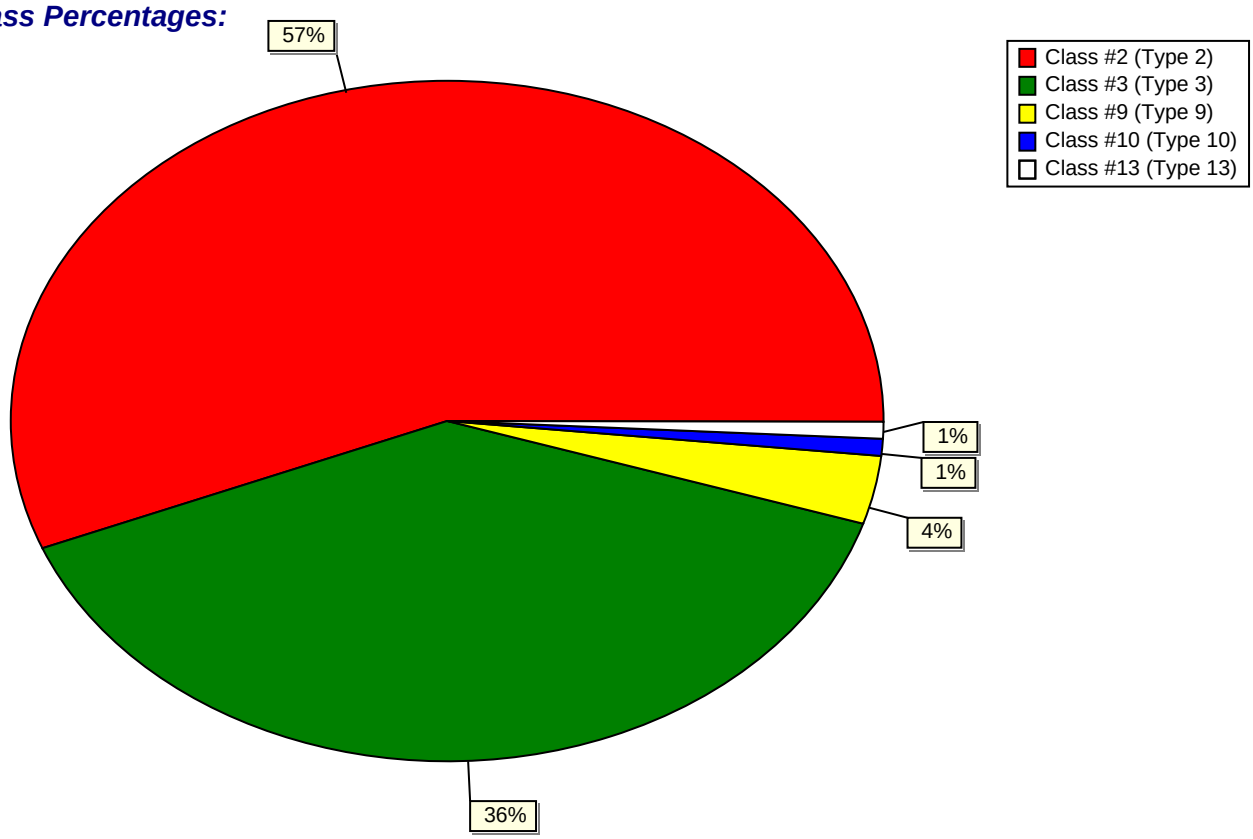
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	04:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	04:45	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
	05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:15	0	3	3	0	0	0	0	0	2	0	0	0	0	0	8
	05:30	0	6	4	0	0	0	0	0	1	0	0	0	0	0	11
	05:45	0	10	6	0	0	0	0	0	0	0	0	0	2	0	18
	06:00	0	12	5	0	0	0	0	0	1	0	0	0	0	0	18
	06:15	0	23	12	0	0	0	0	0	1	0	0	0	1	0	37
	06:30	0	42	22	0	0	0	0	0	2	0	0	0	1	0	67
	06:45	0	28	19	0	0	0	0	0	0	0	0	0	1	1	49
	07:00	0	42	25	0	0	0	0	0	1	0	0	0	1	2	71
	07:15	0	58	35	0	0	0	0	0	1	0	0	0	0	0	94
	07:30	0	101	42	0	1	0	0	1	1	0	0	0	0	1	147
	07:45	0	71	36	0	0	0	0	0	2	0	0	0	1	0	110
	08:00	0	46	11	0	0	0	0	0	1	0	0	0	0	0	58
	08:15	0	43	12	0	0	0	0	0	2	0	0	0	1	0	58
	08:30	0	8	3	0	0	0	0	0	2	0	0	0	0	0	13
Daily Total :		0	507	242	0	1	0	0	1	19	0	0	0	9	4	783
	Percent :	0%	65%	31%	0%	0%	0%	0%	0%	2%	0%	0%	0%	1%	1%	
	Average :	0	14	7	0	0	0	0	0	1	0	0	0	0	0	22

Basic Axle Class Summary: 4P0051456

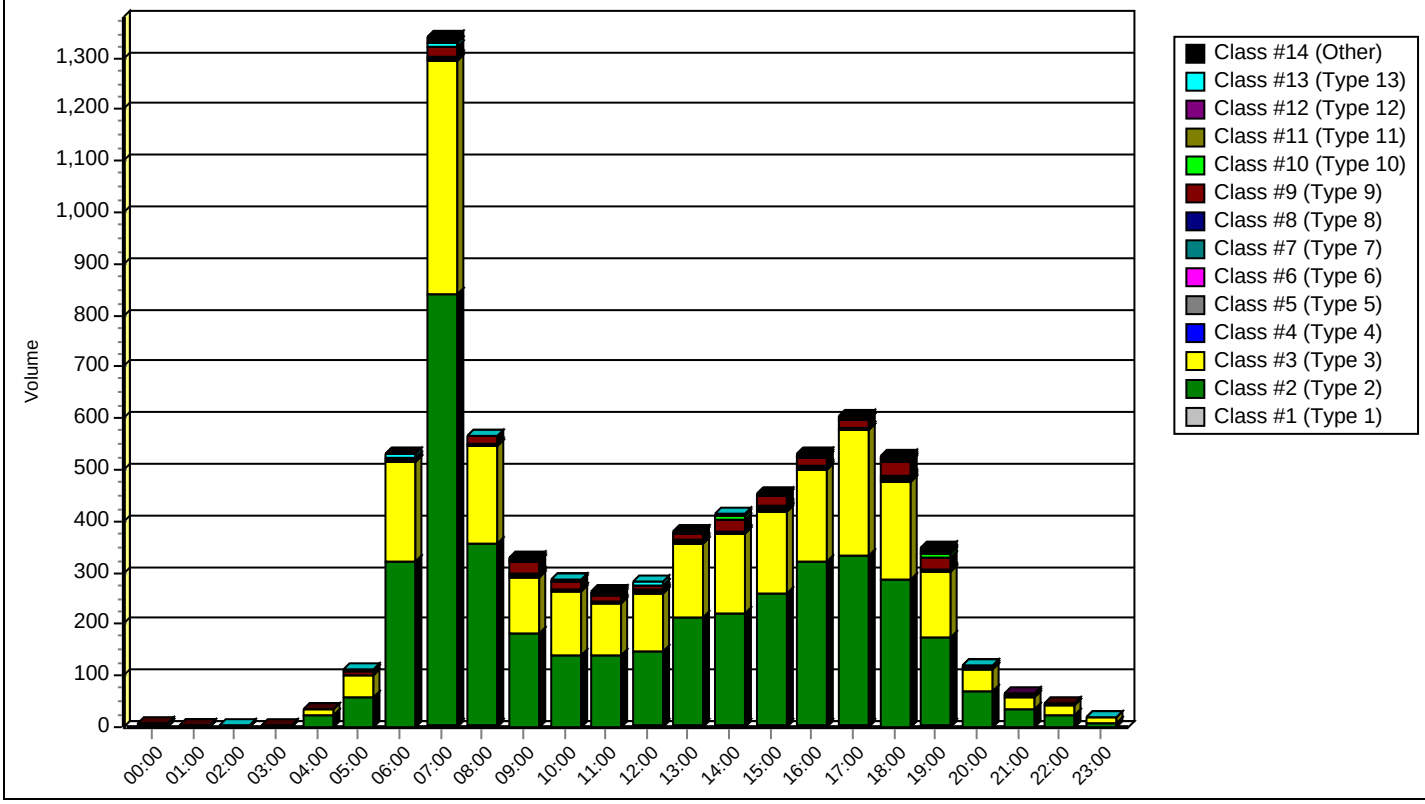
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	30	4124	2637	15	24	25	0	30	259	39	0	4	54	30	7271
		30	4124	2637	15	24	25	0	30	259	39	0	4	54	30	7271
Percents :	#1.	0%	57%	36%	0%	0%	0%	0%	0%	4%	1%	0%	0%	1%	0%	100%
		0%	57%	36%	0%	0%	0%	0%	0%	4%	1%	0%	0%	1%	0%	
Average :	#1.	0	15	10	0	0	0	0	0	1	0	0	0	0	0	26
		0	15	10	0	0	0	0	0	1	0	0	0	0	0	26
Days & ADT :	#1.	2.8	2585													
		2.8	2585													

4P0051456 Axle Class Charts For Data From: 13:15 - 04/11/2011 To: 08:44 - 04/14/2011

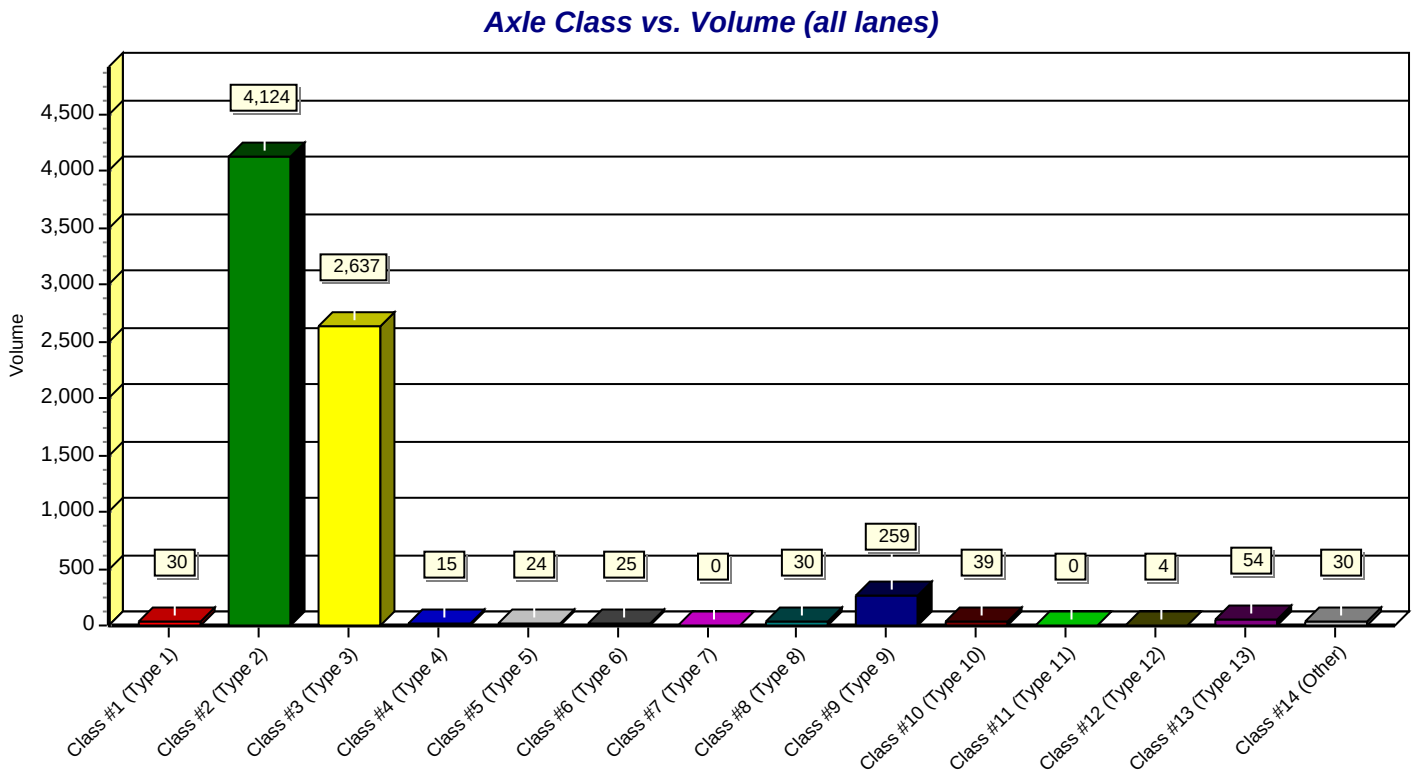
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0051456 Axle Class Charts For Data From: 13:15 - 04/11/2011 To: 08:44 - 04/14/2011



Basic Speed Classification Report: 4P0051456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 13:15 - 04/11/2011 To: 08:44 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	13:15	0	0	0	0	0	0	0	0	0	5	16	10	2	0	0	0	33
Mon	13:30	0	0	0	0	0	0	0	0	0	2	24	7	2	0	0	0	35
	13:45	0	0	0	0	0	0	0	0	1	3	28	6	3	0	0	0	41
	14:00	0	0	0	0	0	0	0	0	0	3	17	9	1	1	0	0	31
	14:15	0	0	0	0	0	0	0	0	0	9	16	10	0	0	0	0	35
	14:30	0	0	0	0	0	0	0	0	3	6	27	7	1	1	0	0	45
	14:45	0	0	0	0	0	0	0	0	3	7	25	4	1	1	0	0	41
	15:00	0	0	0	0	0	0	0	0	0	2	11	11	2	1	0	0	27
	15:15	0	0	0	0	0	0	0	0	0	3	12	11	1	0	0	0	27
	15:30	0	0	0	0	0	0	0	0	0	7	22	17	4	0	0	0	50
	15:45	0	0	0	0	0	0	0	0	0	4	19	13	0	0	0	0	36
	16:00	0	0	0	0	0	0	0	0	0	6	29	9	2	1	0	0	47
	16:15	0	0	0	0	0	0	0	0	0	1	25	15	3	0	0	0	44
	16:30	0	0	0	0	0	0	0	0	0	3	36	15	4	1	0	0	59
	16:45	0	0	0	0	0	0	0	0	0	4	21	10	3	1	0	0	39
	17:00	0	0	0	0	0	0	0	0	3	7	33	22	5	0	0	0	70
	17:15	0	0	0	0	0	0	0	0	0	5	23	18	6	0	0	0	52
	17:30	0	0	0	0	0	0	0	0	0	2	27	15	3	1	0	0	48
	17:45	0	0	0	0	0	0	0	0	0	0	10	13	4	1	0	0	28
	18:00	0	0	0	0	0	0	0	0	0	3	11	9	1	1	0	0	25
	18:15	0	0	0	0	0	1	0	0	0	2	14	9	1	0	0	0	27
	18:30	0	0	0	0	0	0	0	0	0	0	8	12	3	0	0	0	23
	18:45	0	0	0	0	0	0	0	0	0	0	8	8	0	0	0	0	16
	19:00	0	0	0	0	0	0	0	0	1	1	17	6	0	0	0	0	25
	19:15	0	0	0	0	0	0	0	0	0	2	7	5	1	1	0	0	16
	19:30	0	0	0	0	0	0	0	0	0	0	5	4	2	0	0	0	11
	19:45	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	6
	20:00	0	0	0	0	0	0	0	0	0	1	5	4	1	0	0	0	11
	20:15	0	0	0	0	0	0	0	0	0	0	8	5	0	0	0	0	13
	20:30	0	0	0	0	0	0	0	0	0	1	7	5	1	0	0	0	14
	20:45	0	0	0	0	0	0	0	0	0	1	5	0	2	0	0	0	8
	21:00	0	0	0	0	0	0	0	0	0	3	2	2	0	0	0	0	7
	21:15	0	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	6
	21:30	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
	21:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	22:00	0	0	0	0	0	0	0	0	0	2	1	4	1	0	0	0	8
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	22:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
04/11/11	23:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Mon	23:30	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
Daily Total :		0	0	0	0	0	1	0	0	11	97	542	300	61	11	0	0	1023
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	9%	53%	29%	6%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	2	13	7	1	0	0	0	26

Speeds - Average: 69.1 50% : 68.7 67% : 70.8 85% : 73.6 10mph Pace: 65.0 - 74.9 (82.3%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
	04:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	04:45	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	05:15	0	0	0	0	0	0	0	0	0	0	5	1	1	0	0	0	7
	05:30	0	0	0	0	0	0	0	0	0	1	3	4	0	0	0	0	8
	05:45	0	0	0	0	0	0	0	0	0	1	6	5	3	1	1	0	17
	06:00	0	0	0	0	0	0	0	0	0	2	5	5	4	0	0	0	16
	06:15	0	0	0	0	0	0	0	0	0	3	17	13	3	0	0	0	36
	06:30	0	0	0	0	0	0	0	0	0	2	29	33	6	0	0	0	70
	06:45	0	0	0	0	0	0	0	0	0	2	11	28	12	1	0	0	54
	07:00	0	0	0	0	0	0	0	0	0	6	32	36	7	0	0	0	81
	07:15	1	0	0	0	0	0	0	0	0	3	46	56	8	1	0	0	115
	07:30	0	0	0	0	0	0	3	8	4	9	54	64	12	0	0	0	154
	07:45	0	0	0	0	0	0	0	0	0	1	34	64	19	0	0	0	118
	08:00	0	0	0	0	0	0	0	0	0	2	12	36	8	2	0	0	60
	08:15	0	0	0	0	0	0	0	0	0	0	7	30	3	1	0	0	41
	08:30	0	0	0	0	0	0	0	0	0	9	22	18	3	2	0	0	54
	08:45	0	0	0	0	0	0	0	0	0	5	26	24	2	2	0	0	59
	09:00	0	0	0	0	0	0	0	0	1	7	25	13	1	0	0	0	47
	09:15	0	0	0	0	0	0	0	0	7	12	30	5	1	0	0	0	55
	09:30	0	0	0	0	0	0	0	0	0	7	16	9	1	0	0	0	33
	09:45	0	0	0	0	0	0	0	1	1	11	15	6	2	0	0	0	36
	10:00	0	0	0	0	0	0	0	0	0	2	14	11	1	0	0	0	28
	10:15	0	0	0	0	0	0	0	0	2	5	19	8	3	0	0	0	37
	10:30	0	0	0	0	0	0	0	0	0	4	18	9	4	1	1	0	37
	10:45	0	0	0	0	0	0	0	1	0	3	20	6	4	1	0	0	35
	11:00	0	0	0	0	0	0	0	0	0	4	16	11	3	0	0	0	34
	11:15	0	0	0	0	0	0	0	0	0	2	24	10	2	0	0	0	38
	11:30	0	0	0	0	0	0	0	0	0	2	9	9	0	0	0	0	20
	11:45	0	0	0	0	0	0	0	0	0	3	29	8	0	0	0	0	40
	12:00	0	0	0	0	0	0	0	0	0	2	12	8	0	0	0	0	22
	12:15	0	0	0	0	0	0	0	0	1	9	19	4	0	0	0	0	33

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	0	3	24	13	0	0	0	0	40
Tue	12:45	0	0	0	0	0	0	0	0	1	3	16	15	3	1	0	0	39
	13:00	0	0	0	0	0	0	0	0	0	0	20	7	2	0	1	0	30
	13:15	0	0	0	0	0	0	0	0	0	4	22	7	3	0	0	0	36
	13:30	0	0	0	0	0	0	0	0	0	8	15	6	1	0	1	0	31
	13:45	0	0	0	0	0	0	0	0	0	0	21	10	4	0	0	0	35
	14:00	0	0	0	0	0	0	0	0	0	2	20	9	1	0	0	0	32
	14:15	0	0	0	0	0	0	0	0	1	5	21	9	1	0	0	0	37
	14:30	0	0	0	0	0	0	0	0	0	4	14	8	1	0	0	0	27
	14:45	0	0	0	0	0	0	0	0	1	3	16	11	4	0	0	0	35
	15:00	0	0	0	0	0	0	0	0	0	3	12	9	2	0	0	0	26
	15:15	0	0	0	0	0	0	0	0	1	2	27	4	0	0	0	0	34
	15:30	0	0	0	0	0	0	0	0	0	5	31	16	4	2	0	0	58
	15:45	0	0	0	0	0	0	0	0	0	0	22	16	1	0	0	0	39
	16:00	0	0	0	0	0	0	0	0	0	8	22	7	2	0	0	0	39
	16:15	0	0	0	0	0	0	0	0	0	3	20	10	4	0	0	0	37
	16:30	0	0	0	0	0	0	0	0	0	6	26	11	2	0	0	0	45
	16:45	0	0	0	0	0	0	0	0	0	1	21	10	3	0	0	0	35
	17:00	0	0	0	0	0	0	0	0	3	8	33	14	2	0	0	0	60
	17:15	1	0	0	0	0	0	0	0	0	3	35	20	4	0	0	0	63
	17:30	0	0	0	0	0	0	0	0	0	3	26	15	2	1	0	0	47
	17:45	0	0	0	0	0	0	0	0	0	3	22	14	2	1	0	0	42
	18:00	0	0	0	0	0	0	0	0	0	2	20	9	3	0	0	0	34
	18:15	0	0	0	0	0	0	0	0	1	4	18	11	3	0	0	0	37
	18:30	0	0	0	0	0	0	0	0	0	0	17	7	1	0	0	0	25
	18:45	0	0	0	0	0	0	0	0	0	3	4	7	0	0	0	0	14
	19:00	0	0	0	0	0	0	0	0	0	5	9	7	0	0	0	0	21
	19:15	0	0	0	0	0	0	0	0	0	4	8	4	1	0	0	0	17
	19:30	0	0	0	0	0	0	0	0	0	3	6	4	2	0	0	0	15
	19:45	0	0	0	0	0	0	0	0	0	2	5	4	0	0	0	0	11
	20:00	0	0	0	0	0	0	0	0	0	3	3	1	0	0	0	0	7
	20:15	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	6
	20:30	0	0	0	0	0	0	0	0	0	2	6	3	0	0	0	0	11
	20:45	0	0	0	0	0	0	0	0	0	4	7	3	0	0	0	0	14
	21:00	0	0	0	0	0	0	0	1	0	2	4	1	0	0	0	0	8
	21:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	21:30	0	0	0	0	0	0	0	0	0	3	1	1	0	0	0	0	5
	21:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	22:00	0	0	0	0	0	0	0	0	1	3	4	0	0	0	0	0	8
	22:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	23:00	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	0	0	0	0	3	11	26	249	1199	841	172	17	4	0	2524
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	1%	10%	48%	33%	7%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	3	12	9	2	0	0	0	23

Speeds - Average: 69.3 50% : 69.1 67% : 71.3 85% : 73.9 10mph Pace: 65.0 - 74.9 (80.8%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	04:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	3	2	0	1	0	0	6
	05:00	0	0	0	0	0	0	0	0	0	1	3	0	1	0	0	0	5
	05:15	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	7
	05:30	0	0	0	0	0	0	0	0	0	0	7	4	2	0	0	0	13
	05:45	0	0	0	0	0	0	0	0	0	0	7	4	1	0	0	0	12
	06:00	0	0	0	0	0	0	0	0	0	0	9	4	0	0	0	0	13
	06:15	0	0	0	0	0	0	0	0	0	3	15	11	0	0	0	0	29
	06:30	0	0	0	0	0	0	0	0	0	3	37	29	3	2	0	0	74
	06:45	0	0	0	0	0	0	0	0	0	2	30	31	5	1	0	0	69
	07:00	0	0	0	0	0	0	0	0	1	11	38	38	6	1	0	0	95
	07:15	0	0	0	0	0	0	0	0	0	4	48	44	5	0	0	0	101
	07:30	0	0	0	0	0	0	0	0	0	10	68	46	7	1	0	0	132
	07:45	0	0	0	0	0	0	0	0	0	2	63	44	13	1	0	0	123
	08:00	0	0	0	0	0	0	0	0	0	3	37	30	6	2	0	0	78
	08:15	0	0	0	0	0	0	0	0	0	2	21	20	1	1	0	0	45
	08:30	0	0	0	0	0	0	0	0	0	4	33	17	4	1	0	0	59
	08:45	0	0	0	0	0	0	0	0	0	2	20	14	3	2	0	0	41
	09:00	0	0	0	0	0	0	0	0	0	6	17	14	1	0	0	0	38
	09:15	0	0	0	0	0	0	0	0	0	4	23	12	2	0	0	0	41
	09:30	0	0	0	0	0	0	0	0	1	3	29	6	0	0	0	0	39
	09:45	0	0	0	0	0	0	0	0	1	0	24	11	2	1	0	0	39
	10:00	0	0	0	0	0	0	0	0	0	7	24	8	3	0	0	0	42
	10:15	0	0	0	0	0	0	0	0	0	1	10	12	0	0	0	0	23
	10:30	0	0	0	0	0	0	0	0	0	3	29	11	2	0	0	0	45
	10:45	0	0	0	0	0	0	0	0	1	2	22	13	1	0	0	0	39
	11:00	0	0	0	0	0	0	0	0	0	4	11	10	2	1	0	0	28
	11:15	0	0	0	0	0	0	0	0	0	1	12	16	4	0	0	0	33
	11:30	0	0	0	0	0	0	0	0	0	4	23	6	0	0	0	0	33
	11:45	0	0	0	0	0	0	0	0	0	5	21	9	1	1	0	0	37
	12:00	0	0	0	0	0	0	0	0	0	3	23	7	2	1	0	0	36
	12:15	0	0	0	0	0	0	0	0	0	2	19	8	2	0	0	0	31

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	1	6	23	6	0	0	0	0	36
Wed	12:45	0	0	0	0	0	0	0	0	0	8	24	11	0	2	0	0	45
	13:00	0	0	0	0	0	0	0	0	0	4	15	13	4	0	0	0	36
	13:15	0	0	0	0	0	0	0	0	0	5	26	10	4	0	0	0	45
	13:30	0	0	0	0	0	0	0	0	0	0	19	8	4	0	0	0	31
	13:45	0	0	0	0	0	0	0	0	0	6	16	5	1	0	0	0	28
	14:00	0	0	0	0	0	0	0	0	0	3	16	6	1	1	0	0	27
	14:15	0	0	0	0	0	0	0	0	0	1	22	12	1	0	0	0	36
	14:30	0	0	0	0	0	0	0	1	0	2	22	8	1	0	0	0	34
	14:45	0	0	0	0	0	0	0	0	0	4	17	11	3	0	0	0	35
	15:00	0	0	0	0	0	0	0	0	0	1	22	7	2	1	0	0	33
	15:15	0	0	0	0	0	0	0	0	0	3	20	11	1	0	0	0	35
	15:30	0	0	0	0	0	0	0	0	0	6	27	8	1	1	0	0	43
	15:45	0	0	0	0	0	0	0	0	1	5	27	11	1	0	0	0	45
	16:00	0	0	0	0	0	0	0	0	0	6	27	5	1	0	0	0	39
	16:15	0	0	0	0	0	0	0	0	0	7	25	12	4	2	1	0	51
	16:30	0	0	0	0	0	0	0	0	0	1	24	18	2	1	1	0	47
	16:45	0	0	0	0	0	0	0	0	0	3	26	16	3	1	0	0	49
	17:00	0	0	0	0	0	0	0	0	2	10	27	17	1	0	0	0	57
	17:15	0	0	0	0	0	0	0	0	0	2	23	17	2	0	0	0	44
	17:30	0	0	0	0	0	0	0	0	1	1	36	18	4	0	0	0	60
	17:45	0	0	0	0	0	0	0	0	0	2	19	9	3	0	0	0	33
	18:00	0	0	0	0	0	0	0	0	0	0	14	11	3	0	0	0	28
	18:15	0	0	0	0	0	0	0	0	0	2	19	7	1	0	0	0	29
	18:30	0	0	0	0	1	0	0	6	24	67	31	1	0	0	0	0	130
	18:45	0	0	0	0	0	0	1	16	37	61	23	0	0	0	0	0	138
	19:00	0	0	0	0	1	4	4	14	27	33	13	0	0	0	0	0	96
	19:15	0	0	0	0	0	0	7	17	41	29	4	0	0	0	0	0	98
	19:30	0	0	0	0	0	0	0	5	8	5	4	0	0	0	0	0	22
	19:45	0	0	0	0	0	0	0	0	0	2	6	1	0	0	0	0	9
	20:00	0	0	0	0	0	0	0	0	2	4	1	1	0	0	0	0	8
	20:15	0	0	0	0	0	0	0	0	0	4	7	4	0	0	0	0	15
	20:30	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	6
	20:45	0	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	7
	21:00	0	0	0	0	0	0	0	0	0	2	5	1	0	0	0	0	8
	21:15	0	0	0	0	0	0	0	0	0	1	4	0	1	1	0	0	7
	21:30	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	5
	21:45	0	0	0	0	0	0	0	0	1	3	3	0	0	0	0	0	7
	22:00	0	0	0	0	0	0	0	1	1	3	2	1	0	0	0	0	8
	22:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	22:45	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
	23:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	0	0	0	2	4	12	62	151	406	1389	758	128	27	2	0	2941
	Percent :	0%	0%	0%	0%	0%	0%	0%	2%	5%	14%	47%	26%	4%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	1	2	4	14	8	1	0	0	0	26

Speeds - Average: 67.7 50% : 68.0 67% : 69.8 85% : 73.1 10mph Pace: 65.0 - 74.9 (73.0%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	1	0	0	0	0	0	1	2	0	0	0	0	0	4
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	04:30	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
	04:45	0	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	7
	05:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	8
	05:30	0	0	0	0	0	0	0	0	0	0	5	4	1	1	0	0	11
	05:45	0	0	0	0	0	0	0	0	0	4	7	6	1	0	0	0	18
	06:00	0	0	0	0	0	0	0	0	1	7	7	3	0	0	0	0	18
	06:15	0	0	0	0	0	0	0	0	2	11	18	6	0	0	0	0	37
	06:30	0	0	0	0	0	0	0	0	0	8	36	20	3	0	0	0	67
	06:45	0	0	0	0	0	0	0	0	0	4	21	23	1	0	0	0	49
	07:00	0	0	0	0	0	0	0	0	0	3	50	14	4	0	0	0	71
	07:15	0	0	0	0	0	0	0	0	0	6	59	21	7	1	0	0	94
	07:30	0	0	0	0	0	0	0	0	1	21	92	31	2	0	0	0	147
	07:45	0	0	0	0	0	0	0	0	0	10	60	34	6	0	0	0	110
	08:00	0	0	0	0	0	0	0	0	1	4	41	10	2	0	0	0	58
	08:15	0	0	0	0	0	0	0	0	2	12	36	6	2	0	0	0	58
	08:30	0	0	0	0	0	0	0	0	2	4	7	0	0	0	0	0	13
Daily Total :		0	0	0	1	0	0	0	1	9	98	455	187	30	2	0	0	783
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	13%	58%	24%	4%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	3	13	5	1	0	0	0	30

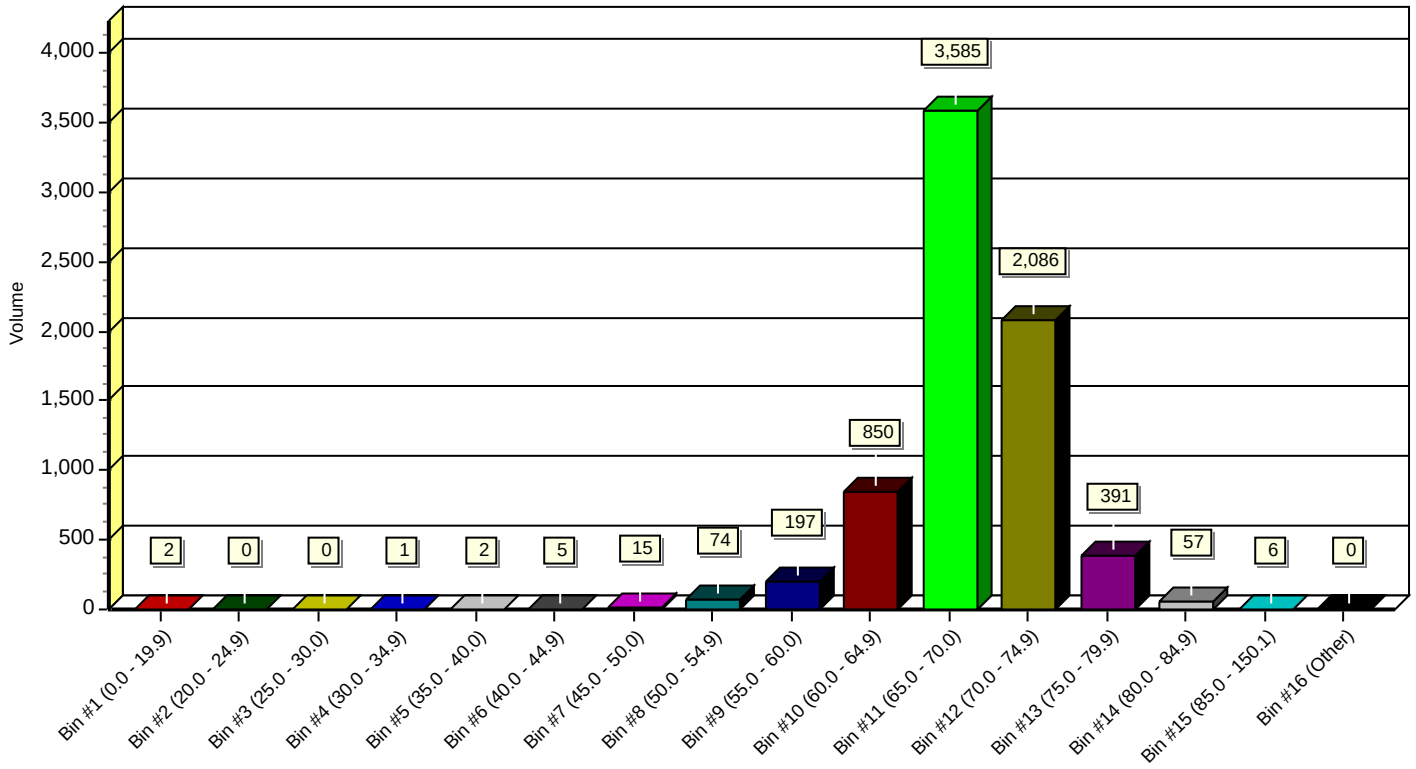
Speeds - Average: 68.3 50% : 68.1 67% : 69.5 85% : 72.7 10mph Pace: 65.0 - 74.9 (82.0%)

Basic Speed Class Summary: 4P0051456

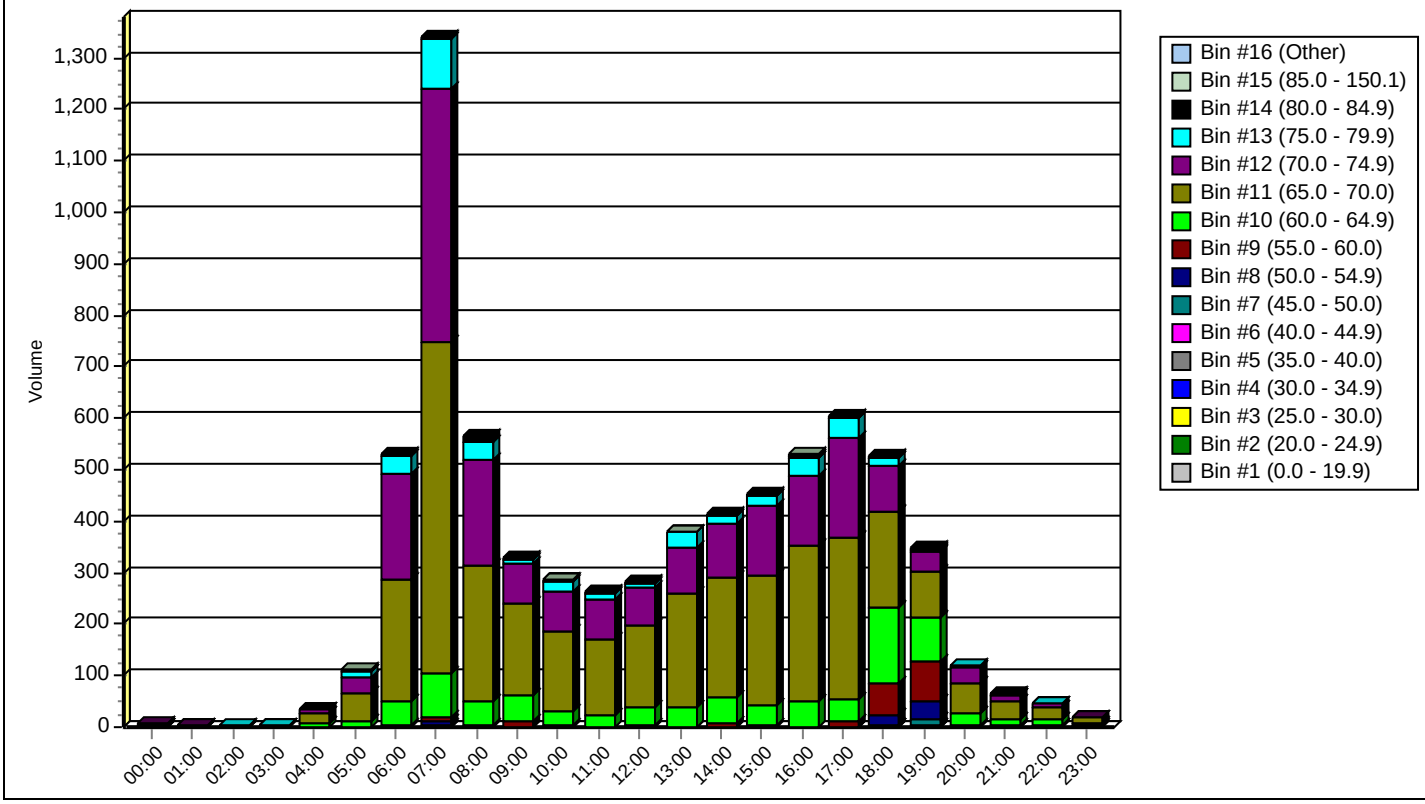
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	2	0	0	1	2	5	15	74	197	850	3585	2086	391	57	6	0	7271
		2	0	0	1	2	5	15	74	197	850	3585	2086	391	57	6	0	7271
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	3%	12%	49%	29%	5%	1%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	3%	12%	49%	29%	5%	1%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	1	3	13	8	1	0	0	0	26
		0	0	0	0	0	0	0	0	1	3	13	8	1	0	0	0	26
Days & ADT :	#1.	2.8	2585															
		2.8	2585															
Avg,50,67,85%:	#1.	68.5	68.5	70.5	73.5	65.0	- 74.9	78%										
		68.5	68.5	70.5	73.5	65.0	- 74.9	78%										

4P0051456 Speed Class Charts For Data From: 13:15 - 04/11/2011 To: 08:44 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0000756

Station ID : 2D0000756
Info Line 1 : 90994556
Info Line 2 : I-90 JOHN INTC
GPS Lat/Lon :
DB File : 2D0000756.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 93936
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 12:00 - 04/11/2011 To: 08:14 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	12:00	0	24	20	0	2	0	0	1	6	2	0	0	0	0	55
Mon	12:15	1	23	26	0	1	1	0	0	6	1	0	0	3	0	62
	12:30	0	33	23	0	0	0	0	0	2	0	0	0	0	0	58
	12:45	0	26	21	1	0	2	0	1	4	0	0	0	0	0	55
	13:00	1	23	34	1	0	0	1	0	6	2	0	0	0	0	68
	13:15	0	20	29	0	1	0	0	2	4	0	0	0	1	0	57
	13:30	1	29	27	2	0	1	0	0	3	1	0	0	0	1	65
	13:45	0	27	31	0	0	3	0	0	2	1	0	0	1	0	65
	14:00	0	37	23	0	1	1	0	0	0	0	0	0	1	0	63
	14:15	2	36	26	1	4	0	0	1	3	0	1	0	0	0	74
	14:30	0	30	26	0	1	2	0	0	3	1	0	0	0	2	65
	14:45	0	28	33	2	1	1	0	0	3	0	0	0	1	0	69
	15:00	1	39	20	0	4	0	0	0	4	1	0	0	3	0	72
	15:15	1	41	37	1	1	2	0	0	3	0	0	0	0	0	86
	15:30	1	41	31	0	0	1	0	0	2	0	0	0	2	1	79
	15:45	1	33	30	0	3	1	0	2	2	1	0	0	1	0	74
	16:00	1	34	31	1	0	0	0	0	2	1	0	0	3	0	73
	16:15	0	39	30	0	1	0	0	0	3	0	0	0	0	0	73
	16:30	0	42	33	0	0	0	0	0	6	0	0	0	1	0	82
	16:45	1	49	26	0	2	0	0	3	6	0	0	0	0	0	87
	17:00	0	53	36	0	1	0	0	0	2	0	0	0	0	0	92
	17:15	0	46	33	0	0	1	0	1	3	3	0	0	0	0	87
	17:30	1	62	34	0	2	0	0	0	4	0	0	0	1	0	104
	17:45	0	50	30	0	0	1	0	0	2	0	0	0	1	0	84
	18:00	0	28	24	1	0	2	0	0	8	0	0	0	0	0	63
	18:15	0	25	27	0	0	1	0	3	3	0	0	0	0	0	59
	18:30	0	28	16	0	0	0	0	0	4	1	0	0	1	0	50
	18:45	0	19	13	1	2	0	0	2	5	1	0	0	3	0	46
	19:00	1	26	11	3	0	0	0	0	2	1	0	0	0	0	44
	19:15	0	22	19	0	0	0	0	0	9	1	0	1	1	0	53
	19:30	0	21	17	0	0	0	0	0	2	0	0	0	0	0	40
	19:45	0	17	17	0	0	1	0	0	2	1	0	0	2	0	40
	20:00	0	19	23	0	0	0	0	0	4	0	1	0	6	0	53
	20:15	0	28	16	1	0	0	0	0	1	0	0	0	1	0	47

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	20:30	0	19	10	0	0	0	0	0	0	1	1	0	2	0	33
Mon	20:45	0	18	18	0	0	0	0	0	3	0	0	0	0	0	39
	21:00	0	20	12	0	0	0	0	0	3	1	0	0	2	0	38
	21:15	0	20	12	0	0	0	0	0	3	0	0	0	0	0	35
	21:30	0	20	9	0	0	0	0	0	4	0	0	0	0	0	33
	21:45	0	14	5	0	0	0	0	0	3	0	0	0	1	0	23
	22:00	0	9	11	0	0	0	0	0	2	0	0	0	0	1	23
	22:15	0	15	8	0	0	0	0	0	2	0	0	0	3	0	28
	22:30	0	12	6	0	0	1	0	0	1	1	0	1	3	0	25
	22:45	0	11	3	1	1	0	0	0	0	1	0	0	1	0	18
	23:00	0	6	3	0	0	0	0	0	1	0	1	0	0	0	11
	23:15	0	6	9	1	0	0	0	0	0	0	0	0	1	0	17
	23:30	0	7	5	0	0	0	0	0	2	0	0	0	0	0	14
	23:45	0	6	8	0	0	0	0	0	1	0	0	1	0	0	16
Daily Total :		13	1281	992	17	28	22	1	16	146	23	4	3	46	5	2597
	Percent :	1%	49%	38%	1%	1%	1%	0%	1%	6%	1%	0%	0%	2%	0%	
	Average :	0	27	21	0	1	0	0	0	3	0	0	0	1	0	53

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	1	3	9	1	0	0	0	0	0	0	0	0	0	0	14
Tue	00:15	0	4	1	1	1	0	0	1	2	0	0	0	0	0	10
	00:30	0	6	3	0	0	0	0	0	2	0	0	0	0	0	11
	00:45	0	1	3	0	0	0	0	0	2	0	0	0	1	2	9
	01:00	0	2	1	0	0	0	0	1	3	0	1	0	0	0	8
	01:15	0	1	1	0	1	0	0	0	1	0	0	0	0	0	4
	01:30	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	01:45	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	02:00	0	3	2	0	0	0	0	0	2	0	0	0	0	0	7
	02:15	0	1	1	0	1	0	0	0	2	0	0	0	0	0	5
	02:30	0	1	2	0	1	0	0	0	6	0	0	0	1	0	11
	02:45	0	0	2	0	0	0	0	0	2	0	0	0	0	0	4
	03:00	0	2	0	0	0	0	0	0	1	1	0	1	0	1	6
	03:15	0	0	1	0	0	0	0	0	3	0	0	0	0	0	4
	03:30	0	3	1	0	0	0	0	0	0	0	0	0	1	0	5
	03:45	0	1	3	0	0	0	0	0	1	0	0	0	2	0	7
	04:00	0	1	1	0	1	0	0	0	1	0	0	0	0	0	4
	04:15	0	6	0	0	1	0	0	0	2	0	0	0	2	0	11
	04:30	0	1	2	1	1	0	0	0	2	0	0	0	2	0	9
	04:45	0	4	3	0	0	0	0	1	5	0	0	0	0	0	13
	05:00	0	6	2	0	0	0	0	1	2	1	0	0	0	0	12
	05:15	0	4	10	0	0	1	1	0	2	0	0	0	1	0	19
	05:30	0	5	7	0	2	0	0	0	3	0	0	0	0	0	17
	05:45	0	8	9	1	1	1	0	1	1	0	0	0	1	0	23
	06:00	0	8	12	2	0	1	0	1	6	0	0	0	0	0	30
	06:15	0	10	24	0	0	1	0	0	2	1	0	0	0	0	38
	06:30	0	18	27	1	0	0	1	0	2	0	0	0	1	0	50
	06:45	0	23	24	1	1	0	0	0	6	0	0	0	0	0	55
	07:00	0	24	27	0	1	1	0	1	4	0	0	0	1	0	59
	07:15	0	42	26	0	1	0	0	0	8	2	0	0	3	1	83
	07:30	0	25	19	0	1	1	0	0	10	1	0	0	0	0	57
	07:45	0	26	22	1	1	1	0	1	9	1	0	0	1	0	63
	08:00	0	26	16	0	0	2	0	1	6	4	0	1	0	0	56
	08:15	0	27	21	1	4	0	0	0	1	1	0	0	0	0	55
	08:30	0	20	19	0	0	0	0	0	6	6	0	0	3	1	55
	08:45	0	23	38	0	3	1	0	1	7	1	0	0	2	0	76
	09:00	0	20	25	1	5	0	0	1	7	2	1	0	1	0	63
	09:15	0	17	19	1	2	1	0	0	8	0	0	0	1	0	49
	09:30	0	18	25	2	1	0	0	0	5	0	0	0	1	0	52
	09:45	1	16	18	0	1	1	0	1	16	1	0	0	3	0	58
	10:00	0	17	22	1	3	0	0	2	14	1	0	0	0	0	60
	10:15	0	20	31	0	3	0	0	1	3	1	0	0	2	1	62
	10:30	0	22	20	1	3	1	0	0	4	2	0	0	0	0	53
	10:45	0	24	19	0	1	2	0	1	6	0	0	0	1	0	54
	11:00	0	21	17	1	1	0	0	0	10	0	0	0	0	0	50
	11:15	0	15	26	0	1	1	0	1	8	0	0	0	1	1	54
	11:30	1	17	25	1	2	2	0	0	8	4	0	0	0	0	60
	11:45	0	22	23	0	2	1	0	2	9	5	0	0	2	0	66
	12:00	0	15	16	0	0	0	0	2	8	0	0	0	3	1	45
	12:15	0	24	23	0	1	0	0	0	3	2	0	0	3	2	58

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	19	30	0	1	0	0	0	6	1	0	0	0	0	57
Tue	12:45	0	23	23	0	1	1	0	0	11	1	0	0	2	1	63
	13:00	0	27	32	1	1	0	0	0	11	0	0	0	0	2	74
	13:15	0	28	17	2	0	1	0	0	7	3	0	0	1	0	59
	13:30	0	25	23	0	5	0	0	0	17	0	0	0	0	2	72
	13:45	1	23	17	1	3	0	0	1	9	0	0	0	1	1	57
	14:00	0	26	31	1	0	0	0	0	9	1	0	0	0	0	68
	14:15	0	28	33	1	3	1	0	3	7	1	0	0	1	0	78
	14:30	0	24	23	0	0	0	0	0	12	2	0	0	1	0	62
	14:45	0	26	24	0	1	2	0	2	12	2	0	0	0	1	70
	15:00	1	31	23	0	1	0	0	0	10	1	0	0	1	1	69
	15:15	0	36	30	0	1	0	0	2	2	2	0	0	2	1	76
	15:30	1	24	17	1	1	0	0	0	6	1	0	0	1	0	52
	15:45	0	43	26	0	1	0	0	1	11	2	0	0	1	0	85
	16:00	0	46	27	0	2	2	0	0	11	0	0	0	0	1	89
	16:15	0	37	24	0	0	1	0	0	6	1	0	0	0	0	69
	16:30	0	49	32	0	2	0	0	0	12	3	0	0	1	0	99
	16:45	0	35	37	0	0	0	0	0	8	1	0	0	0	1	82
	17:00	0	55	29	1	1	0	0	1	6	1	0	0	0	0	94
	17:15	0	60	40	0	2	0	0	1	9	1	0	0	1	0	114
	17:30	1	46	31	0	0	0	0	0	7	0	0	0	0	0	85
	17:45	0	48	25	0	1	0	0	0	5	1	0	0	1	0	81
	18:00	0	34	17	0	1	0	0	2	5	0	0	0	1	0	60
	18:15	1	41	25	0	0	0	0	0	7	0	0	0	0	0	74
	18:30	0	28	16	1	1	0	0	1	7	1	1	0	3	0	59
	18:45	0	26	29	2	0	0	0	0	5	1	0	0	0	0	63
	19:00	0	32	14	0	2	0	0	0	7	1	1	0	3	0	60
	19:15	0	29	27	0	1	0	0	0	4	1	0	0	3	0	65
	19:30	0	20	15	0	0	0	0	0	5	3	0	0	2	0	45
	19:45	0	24	15	0	1	0	0	1	9	1	1	0	2	0	54
	20:00	0	16	18	2	2	0	0	3	5	2	1	0	1	0	50
	20:15	0	29	17	0	4	0	0	1	7	0	0	0	3	0	61
	20:30	0	19	13	0	0	0	0	0	6	0	0	0	2	0	40
	20:45	1	19	17	0	0	0	0	1	1	0	0	0	0	0	39
	21:00	0	21	8	0	1	0	0	1	7	1	0	0	0	0	39
	21:15	0	14	11	0	0	0	0	0	2	0	0	1	1	0	29
	21:30	0	17	11	0	0	0	0	1	5	2	0	0	1	0	37
	21:45	0	8	7	0	0	0	0	0	2	0	0	0	2	0	19
	22:00	0	7	8	0	0	0	0	0	4	2	0	0	0	1	22
	22:15	0	11	9	0	0	0	0	0	3	1	0	0	2	0	26
	22:30	0	15	8	0	0	1	0	0	2	0	0	0	0	0	26
	22:45	0	7	9	0	0	0	0	0	1	0	1	0	2	0	20
	23:00	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	23:15	0	6	2	0	0	0	0	0	2	0	0	0	1	0	11
	23:30	0	4	2	0	1	1	0	0	1	0	0	0	1	0	10
	23:45	0	7	5	0	0	0	0	0	1	0	0	1	0	0	14
Daily Total :		9	1808	1551	31	89	29	2	43	515	78	7	4	84	22	4272
Percent :		0%	42%	36%	1%	2%	1%	0%	1%	12%	2%	0%	0%	2%	1%	
Average :		0	19	16	0	1	0	0	0	5	1	0	0	1	0	43

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	4	4	1	0	0	0	0	1	1	0	0	0	0	11
Wed	00:15	0	4	1	1	0	0	0	0	2	1	0	0	1	0	10
	00:30	0	3	2	0	0	0	0	0	4	0	0	1	0	0	10
	00:45	0	3	4	0	0	0	0	0	1	0	1	0	0	0	9
	01:00	0	1	0	0	0	0	0	0	3	0	0	0	1	0	5
	01:15	0	5	1	0	0	0	0	0	4	0	0	0	0	0	10
	01:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	01:45	0	3	1	0	0	0	0	0	3	0	0	0	0	0	7
	02:00	0	2	3	0	0	0	0	0	0	1	0	0	0	0	6
	02:15	0	8	2	0	0	0	0	0	3	0	0	0	0	0	13
	02:30	0	4	0	0	0	0	0	1	1	0	0	0	1	0	7
	02:45	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
	03:00	0	2	1	0	1	0	0	0	3	1	0	1	0	1	10
	03:15	0	0	2	0	0	1	0	1	3	0	0	0	0	0	7
	03:30	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	03:45	0	1	2	0	0	0	0	0	1	2	0	0	0	0	6
	04:00	0	1	3	0	0	0	0	0	3	1	0	0	1	0	9
	04:15	0	1	5	0	0	0	0	0	1	0	0	0	0	0	7
	04:30	0	2	3	0	0	0	0	0	4	2	0	0	1	0	12
	04:45	0	2	5	0	2	0	0	1	6	0	0	0	1	0	17
	05:00	0	6	2	0	1	0	0	0	4	0	0	0	0	0	13
	05:15	0	3	7	1	1	0	0	3	4	0	0	0	1	0	20
	05:30	0	8	7	0	0	0	0	0	2	0	0	0	1	0	18
	05:45	0	7	10	2	2	0	0	0	1	0	0	0	0	0	22
	06:00	0	15	13	0	1	0	0	0	1	1	0	0	1	0	32
	06:15	0	22	19	0	1	1	0	0	2	0	0	0	0	0	45
	06:30	0	10	21	2	0	0	0	1	2	1	0	0	0	0	37
	06:45	0	20	13	0	1	0	1	1	5	2	0	0	2	0	45
	07:00	0	26	22	2	2	1	0	0	4	1	0	0	1	0	59
	07:15	0	25	23	0	2	0	0	2	5	0	0	0	2	0	59
	07:30	0	21	24	2	2	0	0	3	7	2	0	0	2	1	64
	07:45	0	26	18	0	1	1	0	1	6	0	0	0	2	0	55
	08:00	1	26	29	0	1	0	0	0	6	3	0	0	1	0	67
	08:15	0	18	31	0	4	0	0	1	3	4	0	1	2	1	65
	08:30	0	24	23	1	3	1	0	2	7	0	0	0	2	1	64
	08:45	0	16	30	1	2	0	0	2	8	0	0	0	1	1	61
	09:00	0	30	25	2	2	2	0	0	5	2	0	0	0	0	68
	09:15	0	17	29	1	1	1	0	1	7	0	0	0	2	0	59
	09:30	0	22	18	0	0	0	0	3	10	3	0	0	1	0	57
	09:45	1	15	20	2	4	0	0	1	10	1	0	0	3	1	58
	10:00	0	17	22	1	2	1	0	1	12	1	0	0	2	0	59
	10:15	0	13	22	0	1	0	0	0	8	1	1	0	1	0	47
	10:30	0	21	27	1	0	1	0	1	10	1	0	0	0	0	62
	10:45	0	18	24	0	6	0	0	2	9	1	0	0	1	0	61
	11:00	0	22	15	1	1	0	0	0	5	2	0	0	2	0	48
	11:15	0	16	21	0	0	2	0	0	10	2	0	0	2	0	53
	11:30	0	15	21	0	0	1	0	1	12	0	0	0	0	1	51
	11:45	0	22	19	0	1	1	0	1	8	0	0	0	0	0	52
	12:00	0	25	24	1	1	1	0	1	6	1	0	0	3	0	63
	12:15	0	22	25	0	0	0	0	0	7	0	0	0	0	0	54

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	32	24	1	0	1	0	0	7	0	0	0	0	0	65
Wed	12:45	0	35	28	0	2	0	0	1	12	0	0	0	2	0	80
	13:00	1	25	25	2	1	0	0	0	11	0	0	0	1	0	66
	13:15	0	30	24	0	2	1	0	1	10	1	0	0	0	1	70
	13:30	0	29	27	0	0	0	0	0	9	0	0	0	1	2	68
	13:45	0	31	33	2	1	1	0	0	10	0	0	0	0	0	78
	14:00	1	23	32	1	1	0	0	0	6	0	0	0	0	2	66
	14:15	0	38	20	1	0	0	0	2	10	1	0	0	1	0	73
	14:30	0	35	21	0	1	0	0	1	14	1	0	0	2	1	76
	14:45	0	32	31	2	0	0	0	2	7	1	0	0	0	1	76
	15:00	0	32	33	0	2	0	0	0	9	0	0	0	2	0	78
	15:15	0	33	30	0	0	0	0	0	8	0	0	0	0	0	71
	15:30	2	47	27	1	0	0	0	0	7	2	0	0	1	0	87
	15:45	0	33	34	0	1	1	0	0	12	0	0	1	1	0	83
	16:00	1	58	28	0	1	0	0	1	12	1	0	0	0	0	102
	16:15	0	41	34	0	1	0	0	1	3	1	0	0	1	0	82
	16:30	3	35	35	0	1	0	0	0	10	0	0	0	1	0	85
	16:45	0	42	48	0	1	1	0	1	7	1	0	0	1	0	102
	17:00	0	45	32	1	2	0	0	0	9	1	0	0	3	0	93
	17:15	1	63	39	0	0	1	0	0	6	0	0	0	1	1	112
	17:30	0	54	40	0	0	0	0	0	3	0	0	0	1	0	98
	17:45	0	50	24	0	1	0	1	1	11	1	0	0	0	1	90
	18:00	0	31	18	0	2	0	0	0	13	0	0	0	0	0	64
	18:15	1	28	28	0	1	0	0	0	6	0	0	0	1	0	65
	18:30	0	22	17	0	0	0	0	0	2	0	0	0	1	0	42
	18:45	0	34	13	0	0	0	0	1	5	0	0	0	3	0	56
	19:00	0	19	17	0	1	0	0	0	7	1	0	0	1	0	46
	19:15	0	18	16	1	0	1	0	2	12	1	0	0	0	1	52
	19:30	0	16	13	0	0	0	0	2	7	2	1	0	1	1	43
	19:45	0	15	13	0	2	0	0	0	4	1	0	0	4	0	39
	20:00	0	14	12	0	0	0	0	1	7	0	0	0	2	0	36
	20:15	0	22	11	0	1	1	0	2	6	1	3	0	1	0	48
	20:30	0	19	6	0	0	0	0	0	4	1	0	0	0	0	30
	20:45	0	16	12	0	0	0	0	0	7	0	1	1	2	0	39
	21:00	0	20	6	0	0	0	0	1	3	0	0	0	1	1	32
	21:15	0	18	11	0	0	0	0	0	3	0	0	0	0	0	32
	21:30	0	17	5	0	0	0	0	0	2	0	1	0	3	0	28
	21:45	0	15	8	0	0	1	0	1	6	0	0	0	0	0	31
	22:00	0	12	12	0	1	0	0	0	2	0	0	0	1	0	28
	22:15	0	16	5	1	0	2	0	1	1	2	1	0	2	0	31
	22:30	0	12	10	0	0	0	0	0	1	0	0	2	1	0	26
	22:45	0	7	7	0	0	1	0	0	4	0	0	0	0	0	19
	23:00	0	11	3	0	1	0	0	0	2	1	0	0	0	0	18
	23:15	0	7	4	1	0	0	0	1	4	0	0	1	1	0	19
	23:30	0	8	4	0	0	0	0	0	1	3	0	1	1	0	18
	23:45	0	3	4	0	0	0	0	0	1	2	0	0	0	0	10
Daily Total :		12	1839	1567	36	73	27	2	54	539	65	9	9	86	19	4337
Percent :		0%	42%	36%	1%	2%	1%	0%	1%	12%	1%	0%	0%	2%	0%	
Average :		0	19	16	0	1	0	0	1	6	1	0	0	1	0	45

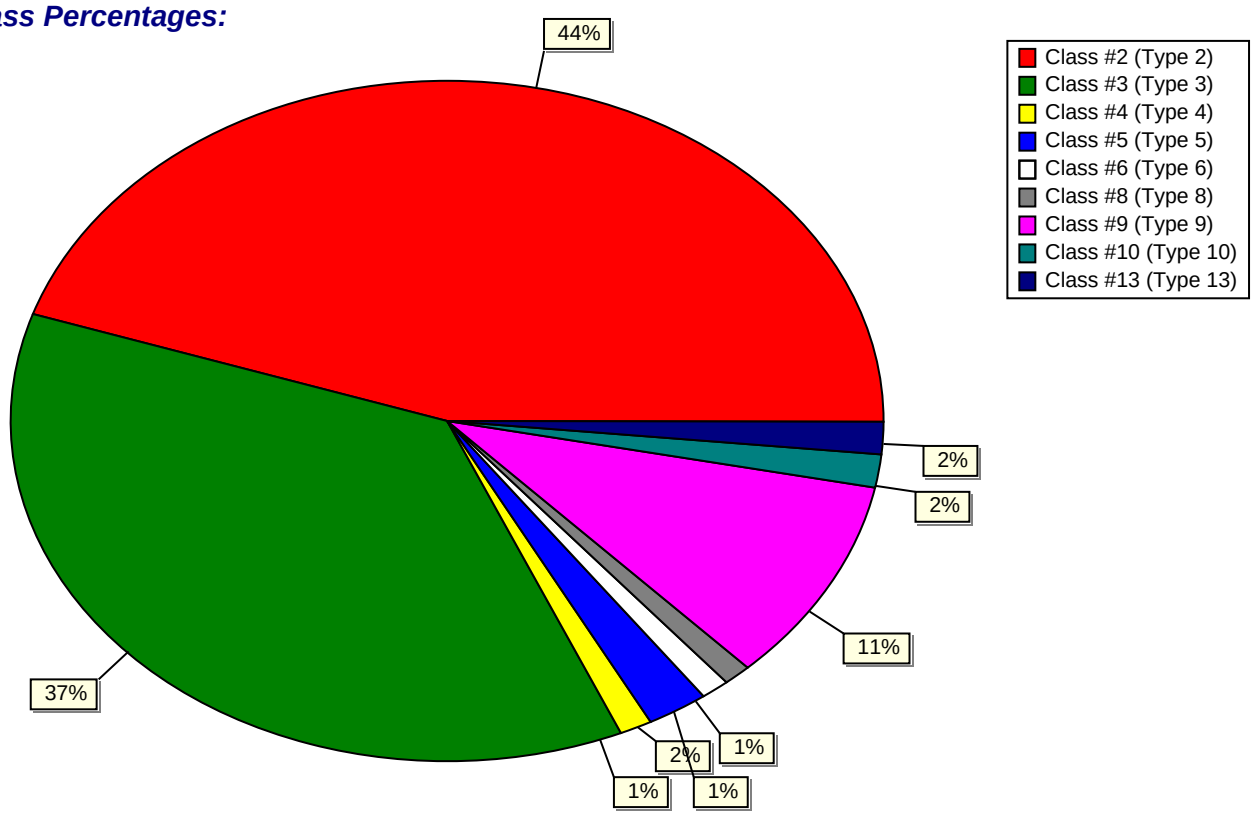
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	5	1	1	1	0	0	0	3	0	0	0	0	0	11
Thu	00:15	0	3	2	0	0	0	0	0	2	0	0	0	0	0	7
	00:30	0	3	5	1	0	0	0	0	3	0	0	0	0	0	12
	00:45	0	3	5	0	1	0	0	0	0	1	0	0	0	0	10
	01:00	0	2	0	0	0	0	0	0	1	0	1	0	0	0	4
	01:15	0	2	2	0	0	0	0	0	2	0	0	0	0	0	6
	01:30	0	1	2	0	0	0	0	1	3	0	0	0	0	0	7
	01:45	0	0	1	0	0	0	0	0	2	0	0	0	0	0	3
	02:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	02:15	0	4	0	0	0	0	0	0	0	0	0	0	1	0	5
	02:30	0	2	1	0	0	0	0	0	0	0	0	0	1	0	4
	02:45	0	3	2	0	0	0	0	1	1	0	0	0	0	1	8
	03:00	0	3	1	1	1	0	0	1	3	0	0	0	0	1	11
	03:15	0	0	1	0	0	0	0	1	2	0	0	1	0	0	5
	03:30	0	1	1	0	0	0	0	0	1	1	0	0	0	0	4
	03:45	0	6	2	0	1	0	0	0	1	0	0	0	0	0	10
	04:00	0	1	3	0	1	0	0	0	1	0	0	0	0	0	6
	04:15	0	1	3	0	0	0	0	0	0	2	0	1	2	0	9
	04:30	0	5	3	1	2	0	0	0	4	0	0	0	2	0	17
	04:45	0	6	3	1	0	0	0	1	1	2	0	0	1	0	15
	05:00	0	3	5	0	1	0	0	0	4	0	0	0	0	1	14
	05:15	0	5	9	0	0	2	0	0	3	3	0	0	3	1	26
	05:30	0	7	8	0	0	1	0	0	2	0	0	0	1	0	19
	05:45	0	8	4	1	2	0	0	0	3	0	0	0	1	0	19
	06:00	0	9	14	0	0	0	0	1	2	0	0	0	0	0	26
	06:15	0	14	13	0	1	0	0	0	6	0	0	0	1	2	37
	06:30	0	21	22	0	1	0	0	1	4	1	0	0	1	0	51
	06:45	0	23	17	0	1	0	0	1	1	0	0	0	0	0	43
	07:00	0	22	20	2	0	0	0	1	3	0	0	0	2	0	50
	07:15	0	26	15	1	2	1	0	1	5	1	0	0	0	0	52
	07:30	0	30	20	1	1	0	0	1	2	2	0	1	0	2	60
	07:45	0	14	20	0	3	0	0	0	4	0	0	0	0	1	42
Daily Total :		0	235	207	10	19	4	0	11	69	13	1	3	16	9	597
	Percent :	0%	39%	35%	2%	3%	1%	0%	2%	12%	2%	0%	1%	3%	2%	
	Average :	0	7	6	0	1	0	0	0	2	0	0	0	1	0	17

Basic Axle Class Summary: 2D0000756

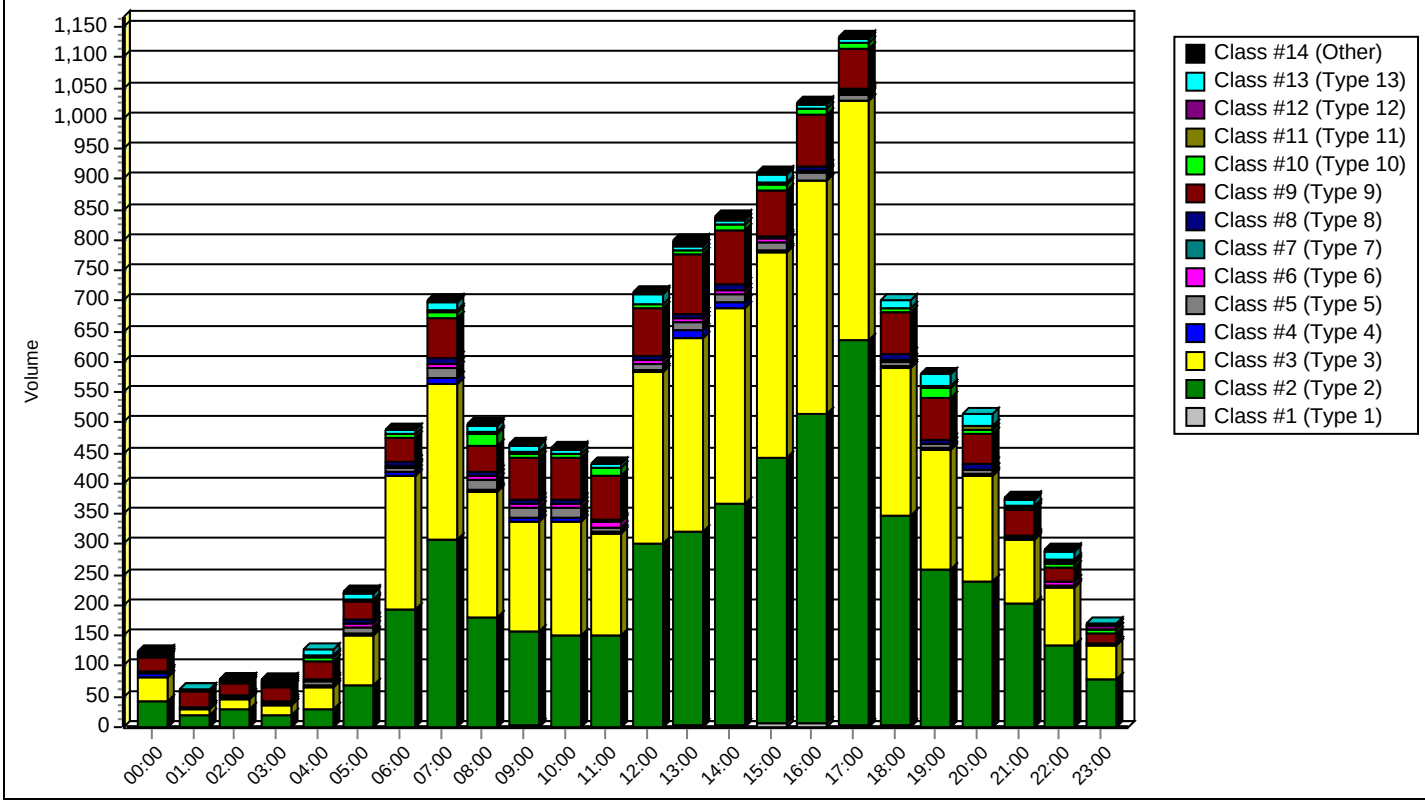
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	34	5163	4317	94	209	82	5	124	1269	179	21	19	232	55	11803
		34	5163	4317	94	209	82	5	124	1269	179	21	19	232	55	11803
Percents :	#1.	0%	44%	37%	1%	2%	1%	0%	1%	11%	2%	0%	0%	2%	0%	100%
		0%	44%	37%	1%	2%	1%	0%	1%	11%	2%	0%	0%	2%	0%	
Average :	#1.	0	19	16	0	1	0	0	0	5	1	0	0	1	0	43
		0	19	16	0	1	0	0	0	5	1	0	0	1	0	43
Days & ADT :	#1.	2.8	4165													
		2.8	4165													

2D0000756 Axle Class Charts For Data From: 12:00 - 04/11/2011 To: 08:14 - 04/14/2011

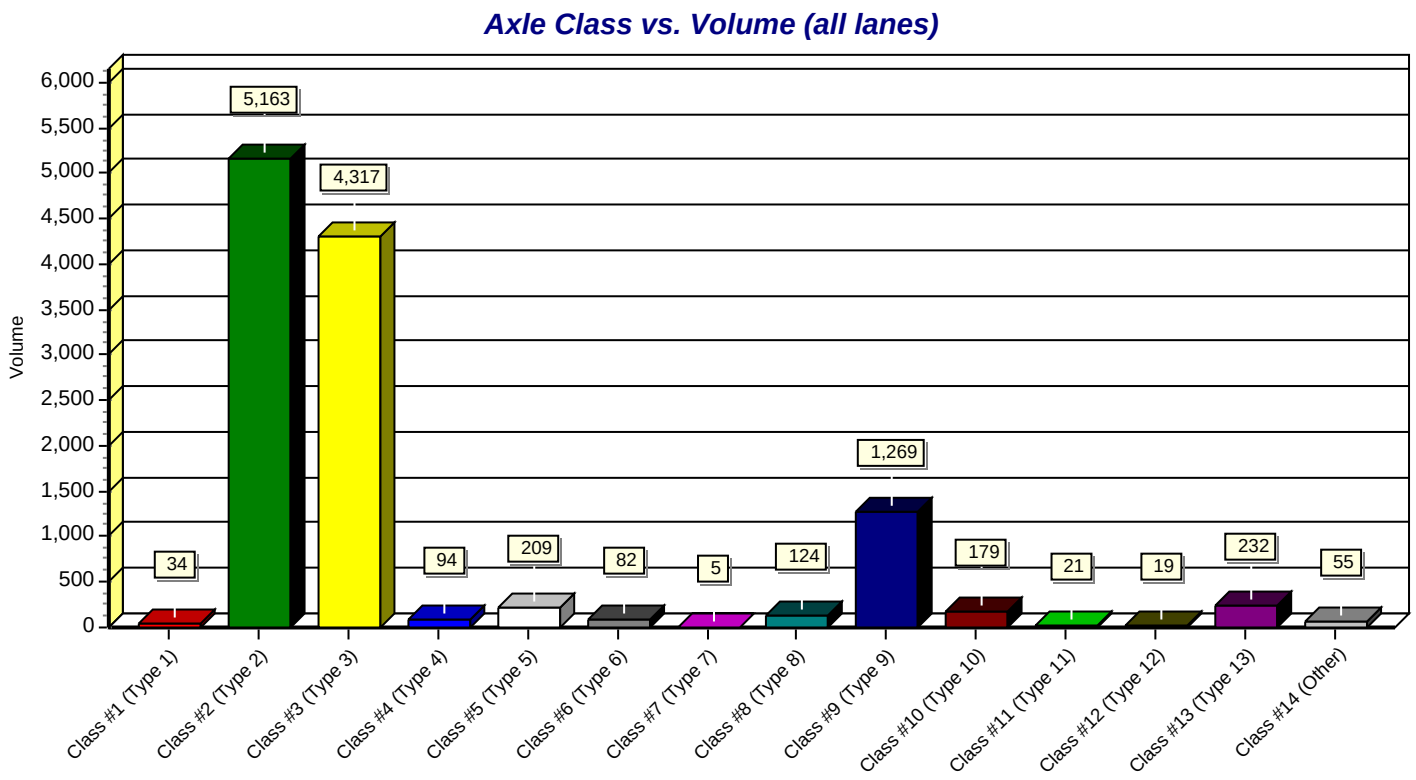
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0000756 Axle Class Charts For Data From: 12:00 - 04/11/2011 To: 08:14 - 04/14/2011



Basic Speed Classification Report: 2D0000756

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND DRIV	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 12:00 - 04/11/2011 To: 08:14 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	12:00	0	0	0	0	0	1	0	0	1	10	32	6	2	2	1	0	55
Mon	12:15	0	0	0	0	0	0	0	0	4	10	29	16	2	0	1	0	62
	12:30	0	0	0	0	0	0	0	2	0	8	34	10	4	0	0	0	58
	12:45	0	0	0	0	0	0	0	0	0	10	27	13	5	0	0	0	55
	13:00	1	0	0	0	0	0	0	0	0	8	33	18	8	0	0	0	68
	13:15	0	0	0	0	0	0	0	0	3	5	33	16	0	0	0	0	57
	13:30	0	0	0	0	0	0	0	0	3	12	31	12	5	2	0	0	65
	13:45	0	0	0	0	0	0	0	0	0	8	37	16	4	0	0	0	65
	14:00	0	0	0	0	0	0	0	0	0	6	34	20	3	0	0	0	63
	14:15	0	0	0	0	0	0	0	0	4	14	41	10	4	1	0	0	74
	14:30	0	0	0	0	0	0	0	0	2	7	37	17	1	1	0	0	65
	14:45	0	0	0	0	0	0	0	0	1	7	34	21	6	0	0	0	69
	15:00	0	0	0	0	0	0	0	0	5	5	38	21	3	0	0	0	72
	15:15	0	0	0	0	0	0	0	0	1	6	50	23	5	1	0	0	86
	15:30	0	0	0	0	0	0	0	0	1	8	38	26	5	1	0	0	79
	15:45	0	0	0	0	0	0	0	1	3	7	40	21	2	0	0	0	74
	16:00	0	0	0	0	0	0	0	0	1	12	37	15	8	0	0	0	73
	16:15	0	0	0	0	0	0	0	0	3	11	45	12	2	0	0	0	73
	16:30	0	0	0	0	0	0	0	0	0	8	44	26	3	1	0	0	82
	16:45	0	0	0	0	0	0	0	0	0	10	51	26	0	0	0	0	87
	17:00	0	0	0	0	0	0	0	0	0	12	39	32	8	1	0	0	92
	17:15	0	0	0	0	0	0	0	0	0	5	49	28	4	1	0	0	87
	17:30	0	0	0	0	0	0	0	0	4	6	54	37	3	0	0	0	104
	17:45	0	0	0	0	0	0	0	0	3	4	40	26	11	0	0	0	84
	18:00	0	0	0	0	0	0	0	0	2	10	30	18	1	2	0	0	63
	18:15	0	0	0	0	0	0	0	0	0	5	34	19	1	0	0	0	59
	18:30	0	0	0	0	0	0	0	0	2	4	27	16	0	0	1	0	50
	18:45	0	0	0	0	0	0	0	1	2	9	20	13	1	0	0	0	46
	19:00	0	0	0	0	0	0	0	0	1	9	18	13	2	1	0	0	44
	19:15	0	0	0	0	0	0	0	0	1	10	23	15	4	0	0	0	53
	19:30	0	0	0	0	0	0	0	0	0	3	26	8	3	0	0	0	40
	19:45	0	0	0	0	0	0	0	0	1	4	23	12	0	0	0	0	40
	20:00	0	0	0	0	0	0	0	0	2	14	28	9	0	0	0	0	53
	20:15	0	0	0	0	0	0	0	0	1	6	33	7	0	0	0	0	47
	20:30	0	0	0	0	0	0	1	0	2	6	22	2	0	0	0	0	33
	20:45	0	0	0	0	0	0	0	0	3	14	20	2	0	0	0	0	39
	21:00	0	0	0	0	0	0	0	0	2	12	20	4	0	0	0	0	38
	21:15	0	0	0	0	0	0	0	0	2	11	20	2	0	0	0	0	35
	21:30	0	0	0	0	0	0	0	0	3	8	18	4	0	0	0	0	33
	21:45	0	0	0	0	0	0	0	0	1	4	12	6	0	0	0	0	23

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
04/11/11	22:00	0	0	0	0	0	0	0	0	6	5	10	2	0	0	0	0	23
Mon	22:15	0	0	0	0	0	0	0	0	2	9	12	3	2	0	0	0	28
	22:30	0	0	0	0	0	0	0	0	0	9	14	2	0	0	0	0	25
	22:45	0	0	0	0	0	0	0	0	1	9	6	2	0	0	0	0	18
	23:00	0	0	0	0	0	0	0	0	0	2	7	2	0	0	0	0	11
	23:15	0	0	0	0	0	0	0	1	1	3	8	4	0	0	0	0	17
	23:30	0	0	0	0	0	0	0	0	1	4	8	0	1	0	0	0	14
	23:45	0	0	0	0	0	0	0	0	1	4	8	2	1	0	0	0	16
Daily Total :		1	0	0	0	0	1	1	5	76	373	1374	635	114	14	3	0	2597
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	3%	14%	53%	24%	4%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	2	8	29	13	2	0	0	0	43

Speeds - Average: 68.2 50% : 68.1 67% : 69.7 85% : 73.0 10mph Pace: 65.0 - 74.9 (77.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	2	8	4	0	0	0	0	14
Tue	00:15	0	0	0	0	0	0	0	3	0	3	3	1	0	0	0	0	10
	00:30	0	0	0	0	0	0	0	0	2	3	4	2	0	0	0	0	11
	00:45	0	0	0	0	0	0	0	1	3	1	3	1	0	0	0	0	9
	01:00	0	0	0	0	0	0	0	0	2	2	4	0	0	0	0	0	8
	01:15	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	4
	01:30	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	3
	01:45	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	02:00	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0	7
	02:15	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	0	5
	02:30	0	0	0	0	0	0	0	0	0	4	5	2	0	0	0	0	11
	02:45	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	03:00	0	0	0	0	0	0	0	0	3	1	2	0	0	0	0	0	6
	03:15	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	4
	03:30	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
	03:45	0	0	0	0	0	0	0	0	1	0	3	3	0	0	0	0	7
	04:00	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4
	04:15	0	0	0	0	0	0	0	0	1	2	2	3	3	0	0	0	11
	04:30	0	0	0	0	0	0	0	0	1	1	7	0	0	0	0	0	9
	04:45	0	0	0	0	0	0	1	0	1	4	4	3	0	0	0	0	13
	05:00	0	0	0	0	0	0	0	1	1	4	3	2	1	0	0	0	12
	05:15	0	0	0	0	0	0	0	0	0	6	12	1	0	0	0	0	19
	05:30	0	0	0	0	0	0	0	0	1	3	8	3	2	0	0	0	17
	05:45	0	0	0	0	0	0	0	0	0	4	14	5	0	0	0	0	23
	06:00	0	0	0	0	0	0	0	0	1	5	20	4	0	0	0	0	30
	06:15	0	0	0	0	0	1	0	0	1	4	24	5	1	2	0	0	38
	06:30	0	0	0	0	0	0	0	0	2	5	20	21	2	0	0	0	50
	06:45	0	0	0	0	0	0	0	0	1	5	30	17	2	0	0	0	55
	07:00	0	0	0	0	0	0	0	0	1	10	29	12	7	0	0	0	59
	07:15	1	0	0	0	0	0	0	0	2	13	40	21	5	1	0	0	83
	07:30	0	0	0	0	0	0	0	0	1	7	32	11	6	0	0	0	57
	07:45	0	0	0	0	0	0	0	0	1	6	33	20	3	0	0	0	63
	08:00	0	0	0	0	0	0	0	0	2	10	35	8	1	0	0	0	56
	08:15	0	0	0	0	0	0	0	0	1	11	32	8	3	0	0	0	55
	08:30	0	0	0	0	0	0	0	2	1	9	29	11	2	1	0	0	55
	08:45	0	0	0	0	0	0	0	1	4	18	37	15	1	0	0	0	76
	09:00	0	0	0	0	0	0	0	0	4	14	28	15	2	0	0	0	63
	09:15	0	0	0	0	0	0	0	0	2	9	28	9	1	0	0	0	49
	09:30	0	0	0	0	0	1	0	2	2	10	23	13	1	0	0	0	52
	09:45	0	0	0	0	0	0	0	0	0	11	30	15	2	0	0	0	58
	10:00	0	0	0	0	0	0	0	0	4	15	29	10	2	0	0	0	60
	10:15	0	0	0	0	0	1	0	1	1	10	36	7	5	1	0	0	62
	10:30	0	0	0	0	0	0	0	1	3	10	19	19	1	0	0	0	53
	10:45	0	0	0	0	0	0	0	3	2	12	29	7	1	0	0	0	54
	11:00	0	0	0	0	0	0	0	0	0	7	33	7	1	2	0	0	50
	11:15	0	0	0	0	0	0	0	1	4	4	33	8	4	0	0	0	54
	11:30	0	0	0	0	0	1	0	0	3	13	32	8	3	0	0	0	60
	11:45	0	0	0	0	0	0	0	0	2	14	32	17	1	0	0	0	66
	12:00	0	0	0	0	0	0	0	0	2	13	18	9	2	1	0	0	45
	12:15	0	0	0	0	0	1	0	2	3	11	28	10	3	0	0	0	58

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	3	12	22	16	4	0	0	0	57
Tue	12:45	0	0	0	0	0	0	0	1	1	11	31	17	1	1	0	0	63
	13:00	0	0	0	0	0	0	0	1	1	13	40	16	2	1	0	0	74
	13:15	0	0	0	0	0	0	0	3	5	15	24	8	3	1	0	0	59
	13:30	0	0	0	0	0	0	0	1	0	10	45	14	2	0	0	0	72
	13:45	0	0	0	0	0	0	0	2	1	11	30	9	3	0	1	0	57
	14:00	0	0	0	0	0	0	0	0	1	3	36	19	6	3	0	0	68
	14:15	0	0	1	0	0	0	1	0	2	14	41	14	5	0	0	0	78
	14:30	0	0	0	0	0	0	0	0	2	14	29	14	2	0	1	0	62
	14:45	0	0	0	0	0	0	1	0	3	12	37	16	1	0	0	0	70
	15:00	0	0	0	0	0	0	0	0	4	18	31	13	3	0	0	0	69
	15:15	0	0	0	0	0	0	0	1	6	15	40	13	1	0	0	0	76
	15:30	0	0	0	0	0	0	0	0	1	13	27	9	2	0	0	0	52
	15:45	0	0	0	0	0	0	0	0	1	12	51	19	2	0	0	0	85
	16:00	1	0	0	0	0	0	0	1	2	12	54	18	0	1	0	0	89
	16:15	0	0	0	0	0	0	0	0	2	14	43	9	1	0	0	0	69
	16:30	0	0	0	0	0	0	0	0	9	21	51	15	2	0	1	0	99
	16:45	0	0	0	0	0	0	0	0	1	19	41	20	1	0	0	0	82
	17:00	0	0	0	0	0	0	0	0	4	18	56	14	2	0	0	0	94
	17:15	0	0	0	0	0	1	0	0	0	15	67	30	1	0	0	0	114
	17:30	0	0	0	0	0	0	0	1	3	11	50	20	0	0	0	0	85
	17:45	0	0	0	0	0	0	0	0	2	9	52	16	2	0	0	0	81
	18:00	0	0	0	0	0	0	0	0	1	11	36	11	1	0	0	0	60
	18:15	0	0	0	0	0	0	0	0	4	10	44	13	2	1	0	0	74
	18:30	0	0	0	0	0	0	0	0	3	7	39	8	2	0	0	0	59
	18:45	0	0	0	0	0	0	0	0	4	12	28	16	2	1	0	0	63
	19:00	0	0	0	0	0	0	0	0	3	10	37	10	0	0	0	0	60
	19:15	0	0	0	0	0	0	0	0	1	9	40	11	3	0	1	0	65
	19:30	0	0	0	0	0	0	0	0	1	7	25	10	1	1	0	0	45
	19:45	0	0	0	0	0	0	0	0	0	6	37	10	1	0	0	0	54
	20:00	0	0	0	0	0	0	0	0	2	15	21	12	0	0	0	0	50
	20:15	0	0	0	0	0	0	0	0	2	15	30	14	0	0	0	0	61
	20:30	0	0	0	0	0	0	0	1	1	15	22	1	0	0	0	0	40
	20:45	0	0	0	0	0	0	0	1	3	10	20	4	1	0	0	0	39
	21:00	0	0	0	0	0	0	0	0	4	10	19	6	0	0	0	0	39
	21:15	0	0	0	0	0	0	0	0	0	10	10	8	1	0	0	0	29
	21:30	0	0	0	0	0	0	0	0	0	7	21	9	0	0	0	0	37
	21:45	0	0	0	0	0	0	0	0	1	2	15	1	0	0	0	0	19
	22:00	0	0	0	0	0	0	0	0	0	6	11	5	0	0	0	0	22
	22:15	0	0	0	0	0	0	0	0	4	9	11	2	0	0	0	0	26
	22:30	0	0	0	0	0	0	0	0	5	7	9	4	1	0	0	0	26
	22:45	0	0	0	0	0	0	0	0	3	3	7	5	2	0	0	0	20
	23:00	0	0	0	0	0	0	0	0	0	5	6	2	0	0	0	0	13
	23:15	0	0	0	0	0	0	0	0	0	1	8	2	0	0	0	0	11
	23:30	0	0	0	0	0	0	0	0	1	3	5	0	1	0	0	0	10
	23:45	0	0	0	0	0	0	0	0	0	2	9	3	0	0	0	0	14

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	1	0	0	6	4	31	167	785	2269	853	132	18	4	0	4272
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	4%	18%	53%	20%	3%	0%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	2	8	24	9	1	0	0	0	54

Speeds - Average: 67.4 50% : 67.5 67% : 69.2 85% : 72.2 10mph Pace: 65.0 - 74.9 (73.1%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	3	4	2	2	0	0	0	0	11
Wed	00:15	0	0	0	0	0	0	0	0	0	5	4	1	0	0	0	0	10
	00:30	0	0	0	0	0	0	0	0	1	4	5	0	0	0	0	0	10
	00:45	0	0	0	0	0	0	0	0	1	3	5	0	0	0	0	0	9
	01:00	0	0	0	0	0	0	0	1	0	0	1	3	0	0	0	0	5
	01:15	0	0	0	0	0	0	0	0	1	2	5	2	0	0	0	0	10
	01:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	01:45	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	0	7
	02:00	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	6
	02:15	0	0	0	0	0	0	0	0	2	5	6	0	0	0	0	0	13
	02:30	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	0	7
	02:45	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	5
	03:00	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	10
	03:15	0	0	0	0	0	0	0	0	0	1	4	0	2	0	0	0	7
	03:30	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
	03:45	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	6
	04:00	0	0	0	0	0	0	0	0	0	3	5	0	1	0	0	0	9
	04:15	0	0	0	0	0	0	0	0	1	2	0	4	0	0	0	0	7
	04:30	0	0	0	0	0	0	0	0	0	3	6	2	1	0	0	0	12
	04:45	0	0	0	0	0	0	0	0	1	3	10	3	0	0	0	0	17
	05:00	0	0	0	0	0	0	0	0	1	2	9	1	0	0	0	0	13
	05:15	0	0	0	0	0	0	0	0	0	7	10	3	0	0	0	0	20
	05:30	0	0	0	0	0	0	0	1	2	3	9	3	0	0	0	0	18
	05:45	0	0	0	0	0	0	0	0	0	7	13	2	0	0	0	0	22
	06:00	0	0	0	0	0	0	0	0	1	5	18	8	0	0	0	0	32
	06:15	0	0	0	0	0	0	0	0	1	8	24	11	1	0	0	0	45
	06:30	0	0	0	0	0	0	0	0	0	2	17	13	4	1	0	0	37
	06:45	0	0	0	0	0	0	1	0	0	4	25	11	4	0	0	0	45
	07:00	0	0	0	0	0	0	1	0	1	10	35	10	2	0	0	0	59
	07:15	0	0	0	0	0	0	0	0	0	8	26	23	1	1	0	0	59
	07:30	0	0	0	0	0	0	0	1	2	9	36	16	0	0	0	0	64
	07:45	0	0	0	0	0	0	0	0	1	6	31	11	5	1	0	0	55
	08:00	0	0	0	0	0	0	0	5	2	9	28	18	4	1	0	0	67
	08:15	0	0	0	0	0	0	0	0	1	11	28	23	0	2	0	0	65
	08:30	0	0	0	0	0	0	0	0	1	12	27	20	4	0	0	0	64
	08:45	0	0	0	0	0	0	0	0	2	10	35	12	2	0	0	0	61
	09:00	0	0	0	0	0	0	0	1	1	15	35	12	2	2	0	0	68
	09:15	0	0	0	0	0	0	0	0	0	8	30	16	5	0	0	0	59
	09:30	0	0	0	0	0	0	0	1	4	10	24	15	3	0	0	0	57
	09:45	0	0	0	0	0	0	0	0	3	7	32	13	2	1	0	0	58
	10:00	0	0	0	1	0	0	0	0	1	19	27	9	2	0	0	0	59
	10:15	0	0	0	0	0	0	0	0	3	11	19	9	4	1	0	0	47
	10:30	0	0	0	0	0	0	2	0	1	19	25	13	1	1	0	0	62
	10:45	0	0	0	0	0	0	1	1	2	8	36	10	2	1	0	0	61
	11:00	0	0	0	0	0	0	0	0	4	8	27	6	3	0	0	0	48
	11:15	0	0	0	0	0	0	0	0	6	10	23	14	0	0	0	0	53
	11:30	0	0	0	0	0	0	0	2	4	8	28	7	2	0	0	0	51
	11:45	0	0	0	0	0	0	0	0	3	15	21	13	0	0	0	0	52
	12:00	0	0	0	0	0	0	0	1	0	16	32	12	2	0	0	0	63
	12:15	0	0	0	0	0	0	0	0	2	10	29	12	1	0	0	0	54

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	4	19	30	11	1	0	0	0	65
Wed	12:45	0	0	0	0	0	0	0	1	6	21	38	13	1	0	0	0	80
	13:00	0	0	0	0	0	0	0	0	5	22	28	10	1	0	0	0	66
	13:15	0	0	0	0	0	0	0	0	3	18	35	9	4	1	0	0	70
	13:30	0	0	0	0	0	0	0	0	0	14	35	19	0	0	0	0	68
	13:45	0	0	0	0	0	0	0	0	2	31	34	10	1	0	0	0	78
	14:00	0	0	0	0	0	0	0	0	2	14	35	15	0	0	0	0	66
	14:15	0	0	0	0	0	0	0	0	1	17	34	19	2	0	0	0	73
	14:30	0	0	0	0	0	0	0	0	7	13	37	16	2	1	0	0	76
	14:45	0	0	0	0	0	0	0	1	2	12	42	16	3	0	0	0	76
	15:00	0	1	0	0	0	0	0	1	0	17	41	15	3	0	0	0	78
	15:15	0	0	0	0	0	0	0	0	3	15	38	14	1	0	0	0	71
	15:30	0	0	0	0	0	0	0	0	5	22	48	10	1	1	0	0	87
	15:45	0	0	0	0	0	0	1	0	4	16	44	15	3	0	0	0	83
	16:00	0	0	0	0	0	0	0	1	3	20	60	17	1	0	0	0	102
	16:15	0	0	0	0	0	0	0	2	5	20	40	15	0	0	0	0	82
	16:30	0	0	0	0	0	0	0	1	4	20	44	13	3	0	0	0	85
	16:45	0	0	0	0	0	1	1	0	2	22	56	18	2	0	0	0	102
	17:00	0	0	0	0	0	0	0	2	2	23	50	16	0	0	0	0	93
	17:15	0	0	0	0	0	0	0	0	2	28	66	16	0	0	0	0	112
	17:30	0	0	0	0	0	0	0	0	1	19	53	24	1	0	0	0	98
	17:45	0	0	0	0	0	0	0	1	4	32	44	8	1	0	0	0	90
	18:00	0	0	0	0	0	0	0	0	2	10	41	8	3	0	0	0	64
	18:15	0	0	0	0	0	1	0	1	5	12	29	14	3	0	0	0	65
	18:30	0	0	0	0	0	0	0	0	1	9	21	9	2	0	0	0	42
	18:45	0	0	0	0	0	0	0	0	2	13	36	5	0	0	0	0	56
	19:00	0	0	0	0	0	0	0	0	4	16	20	6	0	0	0	0	46
	19:15	0	0	0	0	0	0	0	1	6	14	28	3	0	0	0	0	52
	19:30	0	0	0	0	0	0	0	0	3	17	17	6	0	0	0	0	43
	19:45	0	0	0	0	0	0	0	2	4	12	17	4	0	0	0	0	39
	20:00	0	0	0	0	0	0	0	1	2	12	14	6	1	0	0	0	36
	20:15	0	0	0	0	0	0	0	1	6	22	18	1	0	0	0	0	48
	20:30	0	0	0	0	0	0	0	0	2	12	14	1	1	0	0	0	30
	20:45	0	0	0	0	0	0	1	0	3	15	13	6	1	0	0	0	39
	21:00	0	0	0	0	0	0	1	0	4	11	14	2	0	0	0	0	32
	21:15	0	0	0	0	0	0	0	1	4	11	15	1	0	0	0	0	32
	21:30	0	0	0	0	0	0	0	0	6	7	9	5	0	1	0	0	28
	21:45	0	0	0	0	0	0	0	0	4	16	11	0	0	0	0	0	31
	22:00	0	0	0	0	0	0	0	0	0	12	11	5	0	0	0	0	28
	22:15	0	0	0	0	0	0	0	0	3	8	13	7	0	0	0	0	31
	22:30	0	0	0	0	0	0	0	1	7	5	10	3	0	0	0	0	26
	22:45	0	0	0	0	0	0	0	0	1	12	5	1	0	0	0	0	19
	23:00	0	0	0	0	0	0	0	0	3	5	7	3	0	0	0	0	18
	23:15	0	0	0	0	1	0	0	1	1	3	11	2	0	0	0	0	19
	23:30	0	0	0	0	0	0	0	0	1	6	9	2	0	0	0	0	18
	23:45	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	10

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	1	0	1	1	2	9	34	201	1021	2159	790	102	16	0	0	4337
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	5%	24%	50%	18%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	2	11	22	8	1	0	0	0	44

Speeds - Average: 66.8 50% : 67.1 67% : 68.8 85% : 71.7 10mph Pace: 60.1 - 70.0 (73.3%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	2	4	4	1	0	0	0	0	11
Thu	00:15	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	7
	00:30	0	0	0	0	0	0	0	1	0	4	6	1	0	0	0	0	12
	00:45	0	0	0	0	0	0	0	0	0	2	5	3	0	0	0	0	10
	01:00	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
	01:15	0	0	0	0	0	0	0	0	1	2	3	0	0	0	0	0	6
	01:30	0	0	0	0	0	0	1	0	1	1	4	0	0	0	0	0	7
	01:45	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	02:00	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	02:15	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
	02:30	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	0	4
	02:45	0	0	0	0	0	0	0	0	0	1	4	1	1	1	0	0	8
	03:00	0	0	0	0	0	0	0	0	2	4	4	1	0	0	0	0	11
	03:15	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	0	5
	03:30	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	4
	03:45	0	0	0	0	0	0	0	0	1	2	5	2	0	0	0	0	10
	04:00	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	6
	04:15	0	0	0	0	0	0	0	0	1	0	6	2	0	0	0	0	9
	04:30	0	0	0	0	0	0	0	0	0	6	9	2	0	0	0	0	17
	04:45	0	0	0	0	0	0	0	1	0	4	8	2	0	0	0	0	15
	05:00	0	0	0	0	0	0	0	0	1	4	6	1	0	1	1	0	14
	05:15	0	0	0	0	0	0	0	1	2	1	14	7	1	0	0	0	26
	05:30	0	0	0	0	0	0	0	0	1	4	6	7	0	0	1	0	19
	05:45	0	0	0	0	0	0	0	0	0	2	8	6	3	0	0	0	19
	06:00	0	0	0	0	0	0	0	0	0	3	14	9	0	0	0	0	26
	06:15	0	0	0	0	0	0	0	1	3	9	22	2	0	0	0	0	37
	06:30	0	0	0	0	0	0	0	1	4	16	17	9	4	0	0	0	51
	06:45	0	0	0	0	0	0	0	0	2	5	26	9	0	1	0	0	43
	07:00	0	0	0	0	0	0	0	0	3	7	25	13	1	1	0	0	50
	07:15	0	0	0	0	0	0	0	0	0	8	26	16	2	0	0	0	52
	07:30	0	0	0	0	0	0	0	0	1	4	37	18	0	0	0	0	60
	07:45	0	0	0	0	0	0	0	0	0	7	24	9	2	0	0	0	42
Daily Total :		0	0	0	0	0	0	1	5	27	108	312	122	16	4	2	0	597
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	5%	18%	52%	20%	3%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	1	3	10	4	1	0	0	0	44

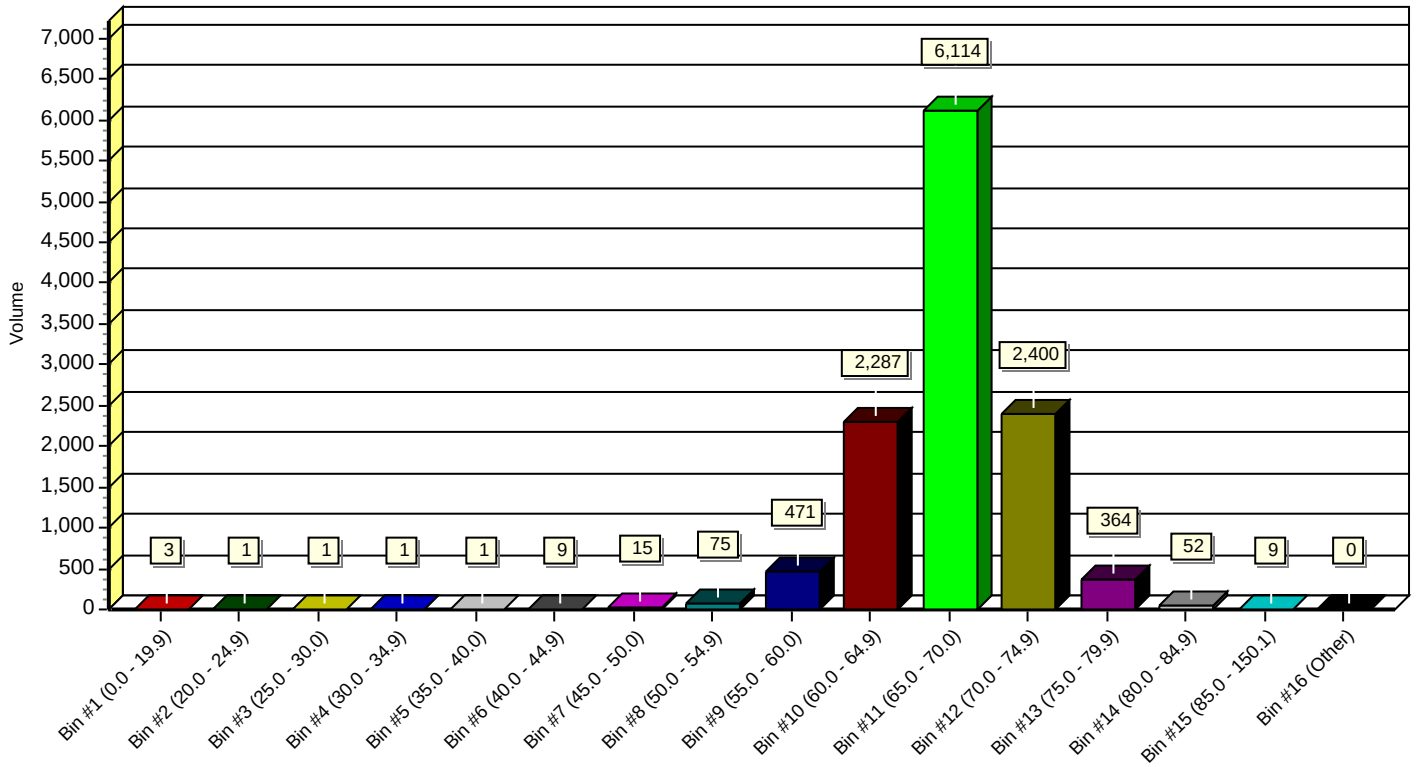
Speeds - Average: 67.5 50% : 67.5 67% : 69.1 85% : 72.3 10mph Pace: 65.0 - 74.9 (72.7%)

Basic Speed Class Summary: 2D0000756

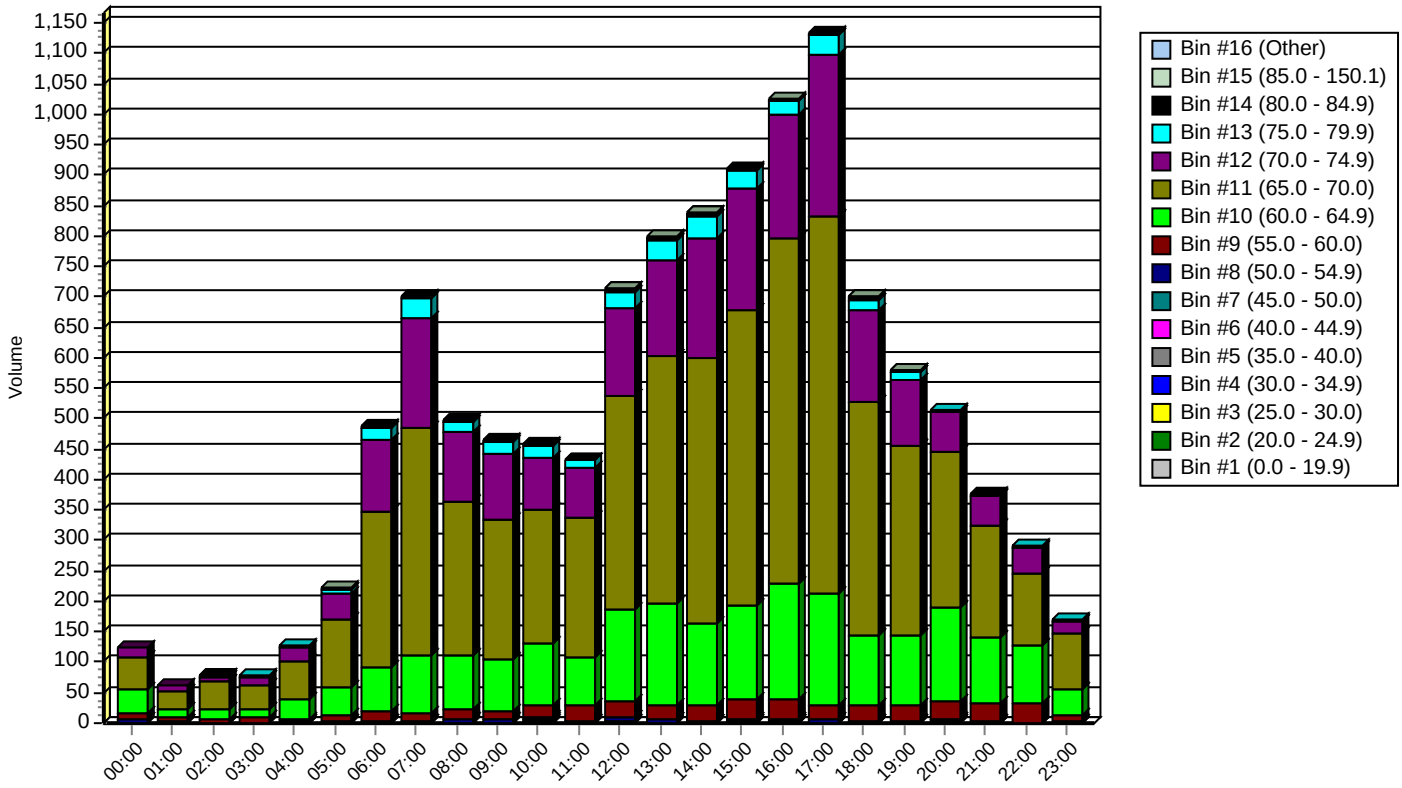
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	3	1	1	1	1	9	15	75	471	2287	6114	2400	364	52	9	0	11803
		3	1	1	1	1	9	15	75	471	2287	6114	2400	364	52	9	0	11803
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	4%	19%	52%	20%	3%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	4%	19%	52%	20%	3%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	2	8	22	9	1	0	0	0	42
		0	0	0	0	0	0	0	0	2	8	22	9	1	0	0	0	42
Days & ADT :	#1.	2.8	4165															
		2.8	4165															
Avg,50,67,85%:	#1.	67.4	67.5	69.2	72.3	65.0	- 74.9	72%										
		67.4	67.5	69.2	72.3	65.0	- 74.9	72%										

2D0000756 Speed Class Charts For Data From: 12:00 - 04/11/2011 To: 08:14 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0000756

Station ID : 2P0000756
Info Line 1 : 90994556
Info Line 2 : I-90 JOHN INTC
GPS Lat/Lon :
DB File : 2P0000756.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 93954
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 11:45 - 04/11/2011 To: 08:14 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	11:45	1	32	10	0	0	0	0	0	1	0	0	0	0	0	44
Mon	12:00	1	7	6	0	0	0	0	0	1	1	0	0	0	0	16
	12:15	0	10	7	0	0	0	0	0	1	0	0	0	0	0	18
	12:30	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
	12:45	0	13	3	0	0	0	0	0	0	0	0	0	1	0	17
	13:00	0	23	8	0	0	0	0	0	2	0	0	0	0	0	33
	13:15	0	9	7	1	0	0	0	0	1	0	0	0	1	0	19
	13:30	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
	13:45	0	10	9	0	0	1	0	1	0	0	0	0	0	0	21
	14:00	0	16	8	0	0	0	0	0	0	0	0	0	0	0	24
	14:15	0	15	6	0	0	0	0	0	1	0	0	0	0	0	22
	14:30	0	19	12	0	1	0	0	0	0	0	0	1	0	0	33
	14:45	0	13	3	0	0	0	0	0	0	0	0	0	0	0	16
	15:00	0	21	9	0	0	0	0	0	0	0	0	0	0	1	31
	15:15	0	14	11	0	0	0	0	0	1	0	0	0	0	1	27
	15:30	0	23	11	0	0	0	0	0	0	0	0	0	0	0	34
	15:45	0	20	8	0	0	0	0	0	0	0	0	0	1	0	29
	16:00	0	21	11	0	0	1	0	0	3	0	0	0	0	0	36
	16:15	0	21	8	0	0	0	0	0	1	0	0	0	0	0	30
	16:30	0	25	7	0	0	0	0	1	0	0	0	0	0	0	33
	16:45	1	35	17	0	0	0	0	0	1	0	0	0	0	0	54
	17:00	0	23	19	0	1	0	0	0	1	0	0	0	0	0	44
	17:15	0	31	26	0	0	0	0	0	0	0	0	0	0	0	57
	17:30	1	31	14	0	0	0	0	0	1	0	0	0	0	0	47
	17:45	1	20	18	0	0	0	0	1	0	0	0	0	0	0	40
	18:00	0	21	6	0	0	0	0	1	1	0	0	0	0	0	29
	18:15	0	10	4	0	0	0	0	0	0	0	0	0	0	0	14
	18:30	0	11	8	0	0	0	0	0	0	0	0	0	0	0	19
	18:45	0	8	3	0	0	0	0	0	0	0	0	0	0	0	11
	19:00	0	8	7	0	0	0	0	0	0	0	0	0	0	0	15
	19:15	0	6	4	0	0	0	0	0	0	0	0	1	0	0	11
	19:30	0	5	2	0	0	0	0	0	0	0	0	0	1	0	8
	19:45	0	8	5	0	0	0	0	0	1	0	0	0	0	0	14
	20:00	0	8	1	0	0	0	0	0	1	0	0	0	0	0	10

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	20:15	0	7	2	0	0	0	0	0	0	0	0	0	1	0	10
Mon	20:30	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
	20:45	0	11	2	0	0	0	0	0	1	0	0	0	0	0	14
	21:00	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	21:15	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	21:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
	22:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	22:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:30	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	22:45	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Daily Total :		5	602	302	2	2	3	0	4	21	1	0	2	5	2	951
	Percent :	1%	63%	32%	0%	0%	0%	0%	0%	2%	0%	0%	0%	1%	0%	
	Average :	0	12	6	0	0	0	0	0	0	0	0	0	0	0	18

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
	04:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	06:00	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	06:15	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	06:30	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	06:45	0	6	4	0	0	0	0	0	1	0	0	0	0	0	11
	07:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
	07:15	0	11	6	0	0	0	0	0	0	0	0	0	0	0	17
	07:30	0	5	5	1	0	0	0	0	0	0	0	0	0	0	11
	07:45	0	7	4	0	0	1	0	0	0	0	0	0	0	0	12
	08:00	0	13	6	0	0	1	0	0	2	0	0	0	0	0	22
	08:15	0	6	5	0	1	0	0	0	1	0	0	0	0	0	13
	08:30	0	12	5	0	0	0	0	0	0	2	0	0	0	0	19
	08:45	0	12	11	0	0	0	0	0	1	0	0	0	0	0	24
	09:00	0	9	9	1	0	0	0	0	0	0	0	0	0	0	19
	09:15	0	4	8	0	0	0	0	0	2	0	1	0	0	0	15
	09:30	1	8	5	0	2	0	0	1	2	0	0	0	0	0	19
	09:45	0	15	7	0	0	0	0	0	1	0	0	0	0	0	23
	10:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	10:15	0	9	3	0	0	0	0	0	1	0	0	0	0	0	13
	10:30	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
	10:45	0	12	9	0	0	0	0	0	1	0	0	0	0	0	22
	11:00	0	1	8	0	0	0	0	0	0	0	0	0	0	0	9
	11:15	0	6	7	0	0	0	0	0	1	0	0	0	0	0	14
	11:30	0	11	6	0	0	0	0	0	0	0	0	0	1	0	18
	11:45	0	11	5	0	0	0	0	0	0	0	0	0	0	1	17
	12:00	0	9	4	0	0	0	0	1	1	0	0	0	0	0	15
	12:15	0	5	3	0	0	0	0	0	4	1	0	0	0	0	13

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	1	10	4	0	0	0	0	0	1	0	0	0	0	0	16
Tue	12:45	0	11	4	0	0	0	0	0	1	0	0	0	0	0	16
	13:00	0	8	12	0	0	0	0	0	3	0	0	0	0	0	23
	13:15	0	18	12	0	0	0	0	0	2	0	0	0	1	0	33
	13:30	0	13	6	0	0	0	0	1	3	0	0	0	0	0	23
	13:45	0	13	6	0	0	0	0	0	0	0	0	0	0	0	19
	14:00	0	9	11	0	1	0	0	0	2	0	0	0	1	0	24
	14:15	0	7	10	0	1	0	0	0	0	0	0	1	0	0	19
	14:30	1	13	8	0	0	0	0	0	4	0	0	0	0	0	26
	14:45	0	11	8	0	0	0	0	0	0	0	0	0	0	0	19
	15:00	0	15	13	0	0	0	0	0	0	0	0	0	0	0	28
	15:15	0	19	10	0	0	0	0	0	0	0	0	0	1	0	30
	15:30	0	16	8	0	0	0	0	0	1	1	0	0	0	0	26
	15:45	0	14	17	0	0	1	0	0	1	0	0	0	0	0	33
	16:00	0	20	16	0	0	0	0	0	0	0	0	0	0	0	36
	16:15	0	30	9	0	0	0	0	0	0	0	0	0	0	0	39
	16:30	0	21	17	0	0	0	0	0	3	0	0	0	1	0	42
	16:45	0	33	15	0	0	0	0	0	1	1	0	1	0	0	51
	17:00	0	35	19	0	0	0	0	0	1	0	0	0	0	1	56
	17:15	0	35	18	0	0	0	0	0	3	1	0	1	0	0	58
	17:30	0	36	19	0	0	0	0	0	2	0	0	0	0	0	57
	17:45	1	23	11	0	0	0	0	0	0	0	0	0	0	0	35
	18:00	0	23	6	0	0	0	0	0	1	0	0	0	0	0	30
	18:15	0	21	3	0	0	0	0	0	2	0	0	0	0	0	26
	18:30	1	14	7	0	0	0	0	0	0	0	0	0	0	1	23
	18:45	0	14	5	0	0	0	0	0	2	0	0	0	0	0	21
	19:00	0	14	3	0	0	0	0	0	3	0	0	0	0	0	20
	19:15	0	11	6	0	0	0	0	0	1	0	0	0	2	0	20
	19:30	0	11	6	0	0	0	0	0	0	0	0	0	1	0	18
	19:45	0	7	5	1	0	0	0	0	1	0	0	0	0	0	14
	20:00	0	10	6	0	0	0	0	0	1	0	0	0	0	0	17
	20:15	0	13	7	0	0	0	0	1	0	0	0	0	0	0	21
	20:30	0	7	5	0	0	0	0	0	2	0	0	0	0	0	14
	20:45	0	6	4	0	0	0	0	0	1	0	0	0	1	0	12
	21:00	1	8	5	0	0	0	0	0	0	0	0	0	0	0	14
	21:15	1	2	3	0	0	0	0	0	1	0	0	0	0	0	7
	21:30	0	3	1	0	0	0	0	0	3	0	0	0	0	0	7
	21:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	3	0	0	0	0	0	0	0	1	0	0	0	0	4
	22:15	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	22:30	0	3	2	0	0	0	0	0	1	0	0	0	0	0	6
	22:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Daily Total :		11	794	475	4	5	3	0	4	67	8	1	3	9	3	1387
	Percent :	1%	57%	34%	0%	0%	0%	0%	0%	5%	1%	0%	0%	1%	0%	
	Average :	0	8	5	0	0	0	0	0	1	0	0	0	0	0	14

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	02:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	05:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	06:15	0	6	6	0	0	0	0	0	0	0	0	0	0	1	13
	06:30	0	6	1	1	0	0	0	0	0	0	0	0	0	0	8
	06:45	1	5	4	0	0	1	0	0	1	0	0	0	0	0	12
	07:00	0	12	8	0	0	0	0	0	1	0	0	0	0	1	22
	07:15	0	10	3	0	0	0	0	0	1	0	0	0	0	0	14
	07:30	0	14	6	1	0	0	0	0	2	0	0	0	0	0	23
	07:45	0	8	6	0	0	0	0	1	0	0	0	0	0	0	15
	08:00	0	12	10	0	1	0	0	0	2	0	0	0	0	0	25
	08:15	0	8	6	0	0	0	0	0	0	0	0	0	0	0	14
	08:30	0	12	4	0	0	0	0	0	0	0	0	0	0	0	16
	08:45	0	15	13	0	0	1	0	0	0	0	0	0	0	0	29
	09:00	0	15	11	0	0	0	0	0	1	0	0	0	0	0	27
	09:15	0	13	5	1	0	0	0	0	0	0	0	0	0	0	19
	09:30	0	10	3	0	0	0	0	0	2	0	0	0	0	0	15
	09:45	0	6	6	0	0	1	0	0	1	0	0	0	0	0	14
	10:00	0	7	10	0	0	0	0	0	0	0	0	0	0	0	17
	10:15	0	8	5	0	0	0	0	0	2	0	0	0	0	0	15
	10:30	0	9	5	0	0	0	0	0	0	0	0	0	0	0	14
	10:45	0	5	6	0	0	0	0	0	0	0	0	0	0	0	11
	11:00	0	8	7	0	0	0	0	0	0	0	0	0	0	0	15
	11:15	0	4	4	0	0	0	0	0	2	0	0	0	0	0	10
	11:30	0	12	6	0	0	0	0	0	3	0	0	0	0	0	21
	11:45	0	10	11	0	0	0	0	0	1	0	0	0	0	0	22
	12:00	0	10	7	0	0	0	0	0	0	0	0	0	0	1	18
	12:15	0	6	3	0	0	0	0	1	1	0	0	0	0	0	11

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	12	11	0	0	0	0	0	1	0	0	0	0	0	24
Wed	12:45	0	9	5	0	0	0	0	0	1	0	0	0	0	0	15
	13:00	0	4	6	0	0	0	0	0	1	0	0	0	0	0	11
	13:15	0	18	4	0	1	0	0	0	2	1	0	0	0	0	26
	13:30	0	11	12	0	0	0	0	0	0	0	0	0	0	0	23
	13:45	0	11	9	0	0	0	0	0	2	1	0	0	0	2	25
	14:00	0	18	7	0	0	0	0	0	1	0	0	0	2	1	29
	14:15	0	20	5	0	0	0	0	0	3	0	0	0	0	0	28
	14:30	0	12	15	0	1	0	0	0	0	0	0	0	0	0	28
	14:45	0	16	9	0	0	0	0	0	2	0	0	0	0	0	27
	15:00	0	21	11	0	0	0	0	0	7	0	0	0	0	0	39
	15:15	0	26	6	1	1	0	0	0	2	0	0	0	0	0	36
	15:30	0	18	10	0	0	0	0	0	2	0	0	0	0	0	30
	15:45	0	28	9	0	0	0	0	0	1	0	0	0	0	0	38
	16:00	0	25	11	0	0	0	0	0	0	1	0	0	0	0	37
	16:15	0	30	16	0	0	0	0	0	2	0	0	0	0	0	48
	16:30	1	20	16	0	0	0	0	0	2	0	0	0	0	0	39
	16:45	0	40	17	0	0	0	0	0	1	0	0	0	0	0	58
	17:00	0	41	16	0	0	0	0	0	3	0	0	0	0	0	60
	17:15	0	39	22	0	0	0	0	0	2	0	0	0	0	0	63
	17:30	0	46	10	0	0	0	0	0	1	0	0	0	0	0	57
	17:45	0	31	14	0	0	0	0	0	3	0	0	0	0	0	48
	18:00	0	14	7	0	0	0	0	1	1	0	0	0	0	0	23
	18:15	0	11	5	0	0	0	0	0	0	0	0	0	0	0	16
	18:30	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
	18:45	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
	19:00	0	7	4	0	0	1	0	0	0	0	1	0	0	0	13
	19:15	0	9	7	0	0	0	0	0	0	0	0	0	1	0	17
	19:30	0	4	5	0	0	0	0	1	1	0	0	0	0	0	11
	19:45	0	9	3	0	0	0	0	1	0	0	0	0	0	0	13
	20:00	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
	20:15	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	20:30	0	5	3	0	0	0	0	0	1	0	0	0	0	0	9
	20:45	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	21:00	0	7	2	0	0	0	0	0	3	0	0	0	0	0	12
	21:15	0	5	6	0	0	0	0	0	0	0	0	0	0	0	11
	21:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	5	1	0	0	0	0	0	1	0	0	0	0	0	7
	22:00	0	1	1	0	0	0	0	0	0	1	0	0	0	0	3
	22:15	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	22:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	23:15	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
	23:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	23:45	0	0	1	0	0	0	0	0	2	0	0	0	0	0	3
Daily Total :		2	861	478	4	4	4	0	6	69	4	1	2	3	6	1444
Percent :		0%	60%	33%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	
Average :		0	9	5	0	0	0	0	0	1	0	0	0	0	0	15

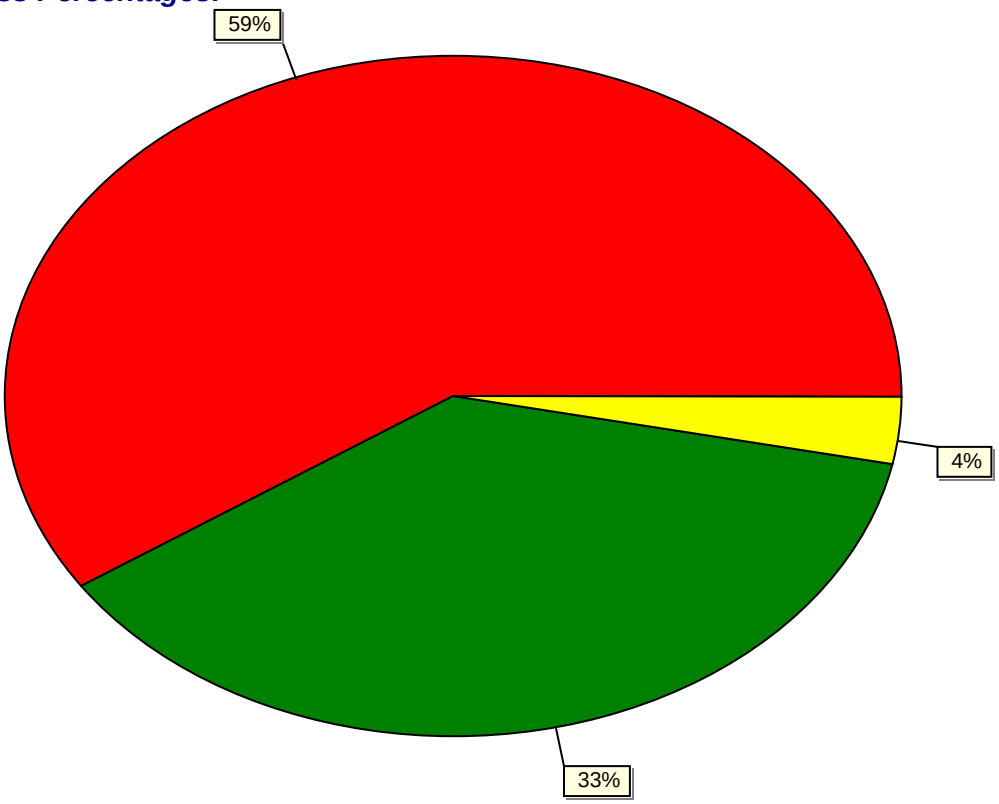
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	1	0	1	0	0	0	0	0	1	0	0	0	0	0	3
Thu	00:15	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	03:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	1	2	0	0	0	0	0	1	0	0	0	0	0	4
	05:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:45	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	06:00	0	2	5	0	0	0	0	0	0	0	0	0	0	0	7
	06:15	0	5	4	0	0	0	0	0	1	0	0	0	0	0	10
	06:30	0	4	7	1	0	0	0	0	0	0	0	0	0	0	12
	06:45	0	5	5	0	0	0	0	0	0	0	0	0	0	0	10
	07:00	0	13	3	0	0	0	0	0	0	0	0	0	0	0	16
	07:15	0	6	2	0	0	0	0	0	0	0	0	0	1	0	9
	07:30	0	12	8	0	0	0	0	0	0	0	0	0	0	0	20
	07:45	0	4	3	0	0	1	0	0	1	0	0	0	0	0	9
Daily Total :		1	56	47	1	0	1	1	0	8	0	0	0	1	0	116
	Percent :	1%	48%	41%	1%	0%	1%	1%	0%	7%	0%	0%	0%	1%	0%	
	Average :	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3

Basic Axle Class Summary: 2P0000756

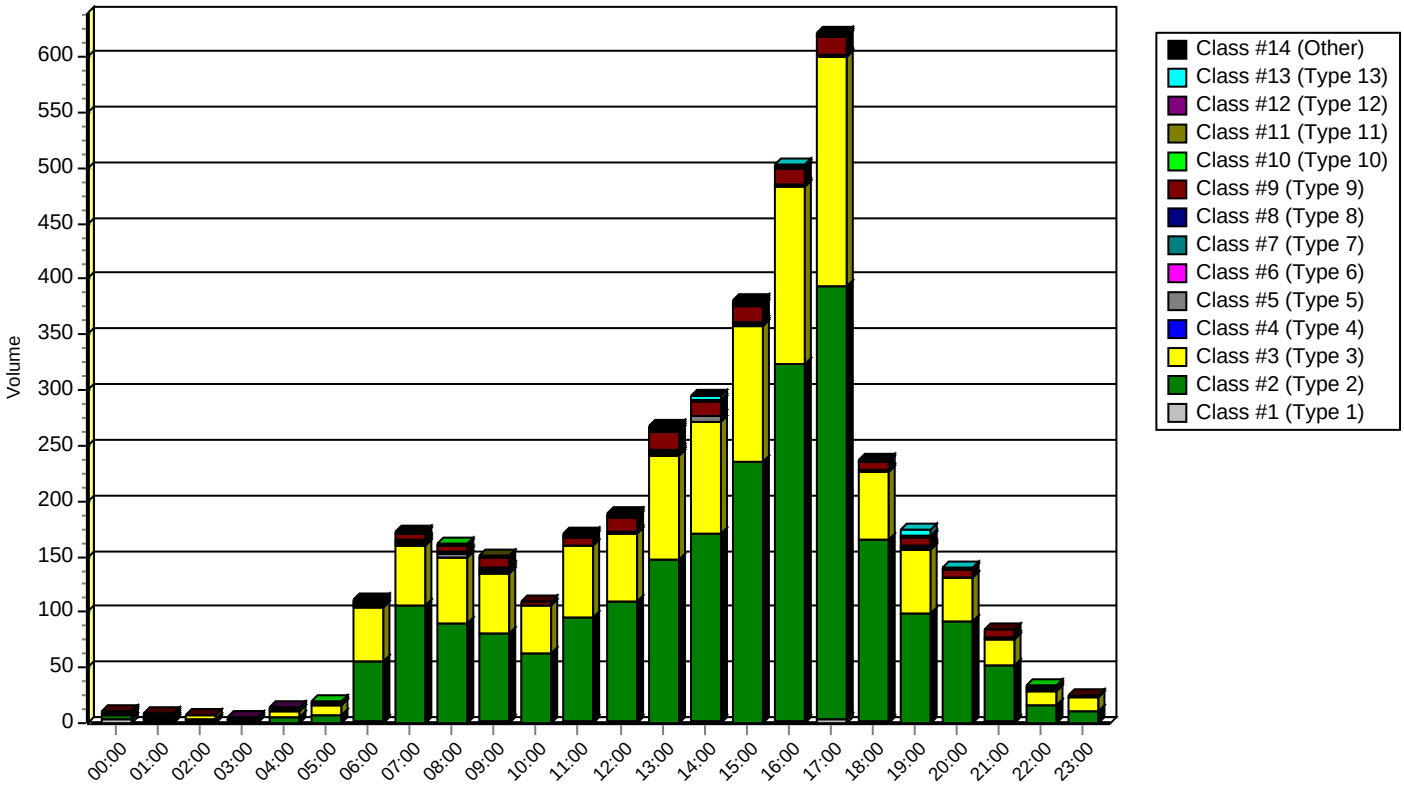
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	19	2313	1302	11	11	11	1	14	165	13	2	7	18	11	3898
		19	2313	1302	11	11	11	1	14	165	13	2	7	18	11	3898
Percents :	#1.	0%	59%	33%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	100%
		0%	59%	33%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	
Average :	#1.	0	8	5	0	0	0	0	0	1	0	0	0	0	0	14
		0	8	5	0	0	0	0	0	1	0	0	0	0	0	14
Days & ADT :	#1.	2.8	1370													
		2.8	1370													

2P0000756 Axle Class Charts For Data From: 11:45 - 04/11/2011 To: 08:14 - 04/14/2011

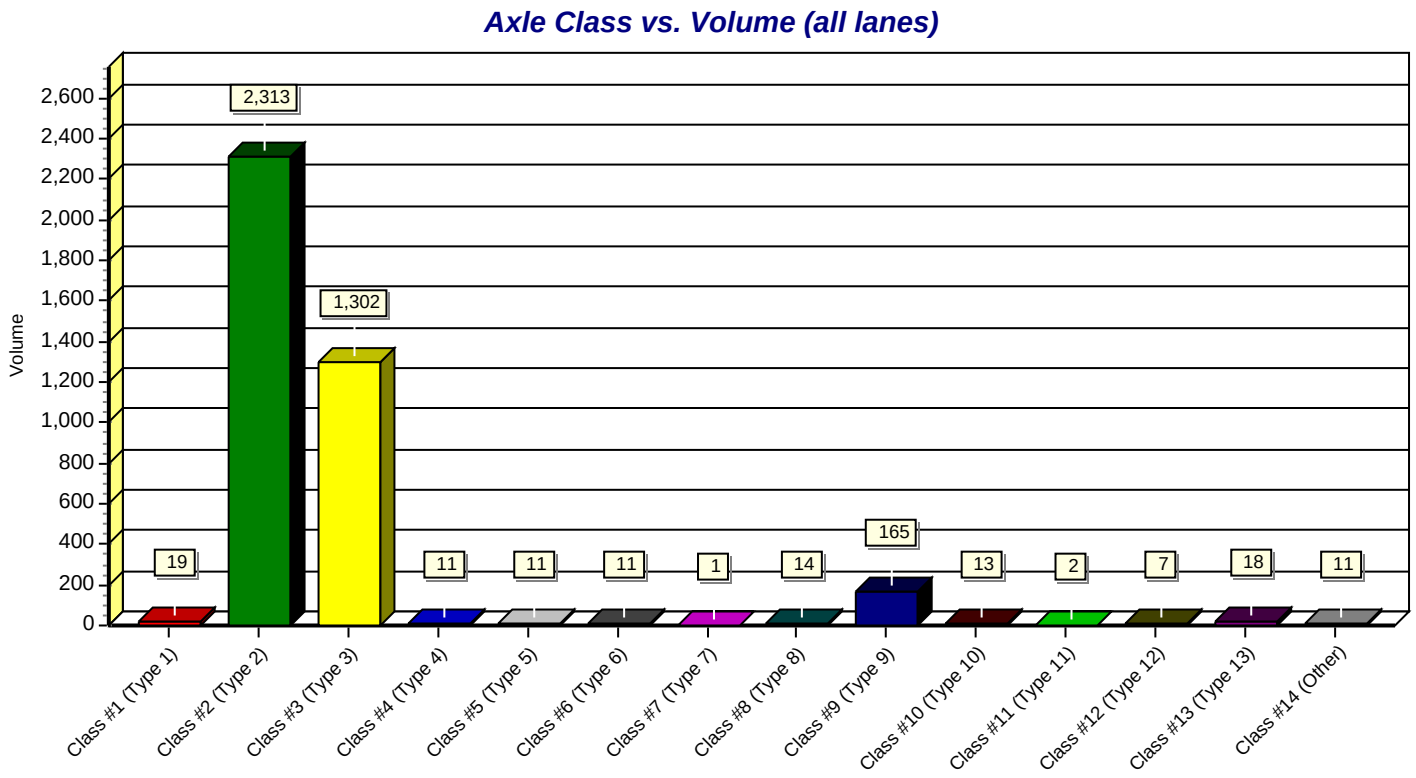
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0000756 Axle Class Charts For Data From: 11:45 - 04/11/2011 To: 08:14 - 04/14/2011



Basic Speed Classification Report: 2P0000756

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST BOUND PASS	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 11:45 - 04/11/2011 To: 08:14 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	11:45	1	0	0	0	0	0	0	1	2	17	19	2	1	1	0	0	44
Mon	12:00	1	0	0	0	0	0	0	0	1	2	7	3	2	0	0	0	16
	12:15	0	0	0	0	0	0	0	0	0	5	7	5	0	1	0	0	18
	12:30	0	0	0	0	0	0	0	0	0	1	6	3	0	0	0	0	10
	12:45	0	0	0	0	0	0	0	0	0	1	7	9	0	0	0	0	17
	13:00	0	0	0	0	0	0	0	0	0	5	16	9	3	0	0	0	33
	13:15	0	0	0	0	0	0	0	0	0	4	11	4	0	0	0	0	19
	13:30	0	0	0	0	0	0	0	0	0	1	6	3	2	0	0	0	12
	13:45	0	0	0	0	0	0	0	0	0	3	11	5	2	0	0	0	21
	14:00	0	0	0	0	0	0	0	0	0	1	16	7	0	0	0	0	24
	14:15	0	0	0	0	0	0	0	0	0	5	11	4	2	0	0	0	22
	14:30	0	0	0	0	0	0	0	0	0	6	15	10	1	1	0	0	33
	14:45	0	0	0	0	0	0	1	0	1	1	6	5	1	1	0	0	16
	15:00	0	0	0	0	0	0	0	0	0	4	15	10	2	0	0	0	31
	15:15	0	0	0	0	0	0	0	0	0	3	19	3	0	1	1	0	27
	15:30	0	0	0	0	0	0	0	0	0	2	19	13	0	0	0	0	34
	15:45	0	0	0	0	0	0	0	0	0	1	18	7	3	0	0	0	29
	16:00	0	0	0	0	0	0	0	0	0	3	23	6	3	1	0	0	36
	16:15	0	0	0	0	0	0	0	0	0	7	17	6	0	0	0	0	30
	16:30	0	0	0	0	0	0	0	0	0	0	23	8	1	1	0	0	33
	16:45	0	0	0	0	0	0	0	0	0	3	36	10	5	0	0	0	54
	17:00	0	0	0	0	0	0	0	0	0	8	24	10	2	0	0	0	44
	17:15	0	0	0	0	0	0	0	0	0	3	40	12	2	0	0	0	57
	17:30	0	0	0	0	0	0	0	0	0	3	27	12	4	1	0	0	47
	17:45	2	0	0	0	0	0	0	0	0	2	21	12	3	0	0	0	40
	18:00	0	0	0	0	0	0	0	0	0	0	16	11	2	0	0	0	29
	18:15	0	0	0	0	0	0	0	0	0	2	9	2	1	0	0	0	14
	18:30	0	0	0	0	0	0	0	0	0	3	7	7	2	0	0	0	19
	18:45	0	0	0	0	0	0	0	0	0	1	5	5	0	0	0	0	11
	19:00	0	0	0	0	0	0	0	0	0	3	5	6	1	0	0	0	15
	19:15	0	0	0	0	0	0	0	0	0	2	5	4	0	0	0	0	11
	19:30	0	0	0	0	0	0	0	0	0	1	3	4	0	0	0	0	8
	19:45	0	0	0	0	0	0	0	0	0	2	10	2	0	0	0	0	14
	20:00	0	0	0	0	0	0	0	0	0	0	8	2	0	0	0	0	10
	20:15	0	0	0	0	0	0	0	0	1	2	5	2	0	0	0	0	10
	20:30	0	0	0	0	0	0	0	0	0	5	6	1	0	0	0	0	12
	20:45	0	0	0	0	0	0	0	0	0	4	9	1	0	0	0	0	14
	21:00	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	7
	21:15	0	0	0	0	0	0	0	0	0	6	4	0	0	0	0	0	10
	21:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
04/11/11	21:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
Mon	22:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	22:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	22:30	0	0	0	0	0	0	0	0	1	1	3	0	0	0	0	0	5
	22:45	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	23:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Daily Total :		4	0	0	0	0	0	1	1	6	131	527	227	45	8	1	0	951
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	1%	14%	55%	24%	5%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	3	11	5	1	0	0	0	14

Speeds - Average: 68.3 50% : 68.2 67% : 69.7 85% : 73.1 10mph Pace: 65.0 - 74.9 (79.3%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	00:30	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:30	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	06:00	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	5
	06:15	0	0	0	0	0	0	0	0	0	2	0	2	1	0	0	0	5
	06:30	0	0	0	0	0	0	0	0	0	2	5	5	1	0	0	0	13
	06:45	0	0	0	0	0	0	0	0	0	1	8	2	0	0	0	0	11
	07:00	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4
	07:15	0	0	0	0	0	0	0	0	0	0	9	6	2	0	0	0	17
	07:30	0	0	0	0	0	0	0	0	0	0	8	3	0	0	0	0	11
	07:45	0	0	0	0	0	0	0	0	0	2	5	4	1	0	0	0	12
	08:00	0	0	0	0	0	0	0	0	0	5	12	3	2	0	0	0	22
	08:15	0	0	0	0	0	0	0	1	0	3	7	2	0	0	0	0	13
	08:30	0	0	0	0	0	0	0	0	0	3	9	7	0	0	0	0	19
	08:45	0	0	0	0	0	0	0	0	0	3	14	7	0	0	0	0	24
	09:00	0	0	0	0	0	0	0	0	0	4	11	4	0	0	0	0	19
	09:15	0	0	0	0	0	0	0	1	1	6	4	3	0	0	0	0	15
	09:30	0	0	0	0	0	0	0	0	1	8	9	1	0	0	0	0	19
	09:45	0	0	0	0	0	0	0	0	0	3	13	5	1	1	0	0	23
	10:00	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	5
	10:15	0	0	0	0	0	0	0	0	0	1	10	1	1	0	0	0	13
	10:30	0	0	0	0	0	0	0	0	0	3	9	1	0	0	0	0	13
	10:45	0	0	0	0	0	0	0	0	1	8	12	0	1	0	0	0	22
	11:00	0	0	0	0	0	0	0	0	0	1	5	2	1	0	0	0	9
	11:15	0	0	0	0	0	0	0	0	0	4	8	2	0	0	0	0	14
	11:30	0	0	0	0	0	0	0	0	0	4	8	4	2	0	0	0	18
	11:45	0	0	0	0	0	0	0	0	0	2	11	2	2	0	0	0	17
	12:00	0	0	0	0	0	0	0	0	0	3	9	2	1	0	0	0	15
	12:15	0	0	0	0	0	0	0	0	0	4	5	4	0	0	0	0	13

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	1	0	0	0	0	0	0	0	0	1	7	7	0	0	0	0	16
Tue	12:45	0	0	0	0	0	0	0	0	0	2	8	6	0	0	0	0	16
	13:00	0	0	0	0	0	0	0	0	0	5	14	3	1	0	0	0	23
	13:15	0	0	0	0	0	0	0	0	0	10	19	4	0	0	0	0	33
	13:30	0	0	0	0	0	0	0	0	0	6	13	2	1	1	0	0	23
	13:45	0	0	0	0	0	0	0	0	0	2	10	5	2	0	0	0	19
	14:00	0	0	0	0	0	0	0	0	0	5	13	5	1	0	0	0	24
	14:15	0	0	0	0	0	0	1	0	0	2	14	1	1	0	0	0	19
	14:30	1	0	0	0	0	0	0	0	1	6	16	1	0	1	0	0	26
	14:45	0	0	0	0	0	0	0	0	0	0	15	4	0	0	0	0	19
	15:00	0	0	0	0	0	0	0	0	0	3	13	12	0	0	0	0	28
	15:15	0	0	0	0	0	0	0	0	0	6	12	8	4	0	0	0	30
	15:30	0	0	0	0	0	0	0	0	0	2	17	7	0	0	0	0	26
	15:45	0	0	0	0	0	0	0	0	1	5	16	9	2	0	0	0	33
	16:00	0	0	0	0	0	0	0	0	0	2	28	6	0	0	0	0	36
	16:15	0	0	0	0	0	0	0	0	0	2	28	8	1	0	0	0	39
	16:30	0	0	0	0	0	0	0	0	1	9	23	7	1	1	0	0	42
	16:45	0	0	0	0	0	0	0	0	0	4	37	10	0	0	0	0	51
	17:00	0	0	0	0	0	0	0	0	1	4	43	6	1	1	0	0	56
	17:15	0	0	0	0	0	0	0	0	0	4	35	18	1	0	0	0	58
	17:30	0	0	0	0	0	0	0	0	0	15	27	15	0	0	0	0	57
	17:45	0	0	0	0	0	0	0	0	0	4	23	8	0	0	0	0	35
	18:00	0	0	0	0	0	0	0	0	0	1	22	7	0	0	0	0	30
	18:15	0	0	0	0	0	0	0	0	0	2	19	5	0	0	0	0	26
	18:30	0	0	0	0	0	0	0	0	0	3	15	5	0	0	0	0	23
	18:45	0	0	0	0	0	0	0	0	0	4	11	4	1	1	0	0	21
	19:00	0	0	0	0	0	0	0	0	0	3	12	4	1	0	0	0	20
	19:15	0	0	0	0	0	0	0	0	1	3	14	2	0	0	0	0	20
	19:30	0	0	0	0	0	0	0	0	0	1	12	4	1	0	0	0	18
	19:45	0	0	0	0	0	0	0	0	0	5	7	1	1	0	0	0	14
	20:00	0	0	0	0	0	0	0	0	0	2	10	2	2	1	0	0	17
	20:15	1	0	0	0	0	0	0	0	1	5	13	1	0	0	0	0	21
	20:30	0	0	0	0	0	0	0	0	1	6	7	0	0	0	0	0	14
	20:45	0	0	0	0	0	0	0	0	2	6	3	1	0	0	0	0	12
	21:00	1	0	0	0	1	0	0	0	0	3	6	3	0	0	0	0	14
	21:15	1	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	7
	21:30	0	0	0	0	0	0	0	0	0	2	4	1	0	0	0	0	7
	21:45	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5
	22:30	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	6
	22:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		8	0	0	0	1	0	1	2	12	236	808	272	40	7	0	0	1387
Percent :		1%	0%	0%	0%	0%	0%	0%	0%	1%	17%	58%	20%	3%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	2	8	3	0	0	0	0	20

Speeds - Average: 67.5 50% : 67.7 67% : 69.2 85% : 72.1 10mph Pace: 65.0 - 74.9 (77.9%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	1	2	1	1	1	0	0	0	6
	05:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	06:00	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
	06:15	0	0	0	0	0	0	0	0	0	1	10	1	1	0	0	0	13
	06:30	0	0	0	0	0	0	0	0	0	0	5	3	0	0	0	0	8
	06:45	1	0	0	0	0	0	0	0	0	2	8	1	0	0	0	0	12
	07:00	0	0	0	0	0	0	0	0	0	3	9	8	2	0	0	0	22
	07:15	0	0	0	0	0	0	0	0	0	4	6	4	0	0	0	0	14
	07:30	0	0	0	0	0	0	0	0	0	4	16	3	0	0	0	0	23
	07:45	0	0	0	0	0	0	0	0	0	3	11	1	0	0	0	0	15
	08:00	0	0	0	0	0	0	0	0	0	6	11	6	2	0	0	0	25
	08:15	0	0	0	0	0	0	0	0	1	1	7	2	3	0	0	0	14
	08:30	0	0	0	0	0	0	0	0	0	1	10	3	1	1	0	0	16
	08:45	0	0	0	0	0	0	0	0	0	1	15	8	5	0	0	0	29
	09:00	0	0	0	0	0	0	0	0	0	5	16	6	0	0	0	0	27
	09:15	0	0	0	0	0	0	0	0	0	3	10	5	1	0	0	0	19
	09:30	0	0	0	0	0	0	0	0	1	3	6	4	1	0	0	0	15
	09:45	0	0	0	0	0	0	0	0	0	4	6	4	0	0	0	0	14
	10:00	0	0	0	0	0	0	0	0	0	2	8	6	1	0	0	0	17
	10:15	0	0	0	0	0	0	0	0	0	3	7	4	1	0	0	0	15
	10:30	0	0	0	0	0	0	0	0	0	2	9	3	0	0	0	0	14
	10:45	0	0	0	0	0	0	0	0	0	1	5	5	0	0	0	0	11
	11:00	0	0	0	0	0	0	0	0	0	2	7	4	1	1	0	0	15
	11:15	0	0	0	0	0	0	0	0	1	3	1	2	3	0	0	0	10
	11:30	0	0	0	0	0	0	0	0	0	5	12	3	1	0	0	0	21
	11:45	0	0	0	0	0	0	0	1	0	8	8	5	0	0	0	0	22
	12:00	0	0	0	0	0	0	0	0	0	6	9	3	0	0	0	0	18
	12:15	0	0	0	0	0	0	0	0	0	5	5	1	0	0	0	0	11

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	5	13	4	2	0	0	0	24
Wed	12:45	0	0	0	0	0	0	0	0	0	2	12	1	0	0	0	0	15
	13:00	0	0	0	0	0	0	0	0	0	3	6	1	1	0	0	0	11
	13:15	0	0	0	0	0	0	0	0	0	5	20	1	0	0	0	0	26
	13:30	0	0	0	0	0	0	0	0	0	3	14	3	3	0	0	0	23
	13:45	0	0	0	0	0	0	0	0	1	9	11	4	0	0	0	0	25
	14:00	0	0	0	0	0	0	0	0	0	3	18	8	0	0	0	0	29
	14:15	0	0	0	0	0	0	0	0	0	7	11	9	1	0	0	0	28
	14:30	0	0	0	0	0	0	0	0	0	6	19	3	0	0	0	0	28
	14:45	0	0	0	0	0	0	0	0	0	2	18	6	1	0	0	0	27
	15:00	0	0	0	0	0	0	0	1	1	6	21	10	0	0	0	0	39
	15:15	0	0	0	0	0	0	0	0	0	5	26	4	1	0	0	0	36
	15:30	0	0	0	0	0	0	0	0	1	5	20	4	0	0	0	0	30
	15:45	0	0	0	0	0	0	0	0	0	4	24	9	1	0	0	0	38
	16:00	0	0	0	0	0	0	0	0	0	8	20	9	0	0	0	0	37
	16:15	0	0	0	0	0	0	0	0	2	9	30	7	0	0	0	0	48
	16:30	0	0	0	0	0	0	0	0	0	8	23	6	2	0	0	0	39
	16:45	0	0	0	0	0	0	0	0	0	7	36	13	2	0	0	0	58
	17:00	0	0	0	0	0	0	0	0	0	9	41	9	1	0	0	0	60
	17:15	0	0	0	0	0	0	0	0	1	10	42	10	0	0	0	0	63
	17:30	0	0	0	0	0	0	0	0	0	4	38	13	2	0	0	0	57
	17:45	0	0	0	0	0	0	0	0	0	8	34	6	0	0	0	0	48
	18:00	0	0	0	0	0	0	0	0	0	5	12	5	1	0	0	0	23
	18:15	0	0	0	0	0	0	0	0	0	2	13	1	0	0	0	0	16
	18:30	0	0	0	0	0	0	0	0	0	4	7	0	1	0	0	0	12
	18:45	0	0	0	0	0	0	0	0	0	1	10	2	0	0	0	0	13
	19:00	0	0	0	0	0	0	0	0	0	3	10	0	0	0	0	0	13
	19:15	0	0	0	0	0	0	0	0	0	5	7	5	0	0	0	0	17
	19:30	1	0	0	0	0	0	0	0	1	2	6	0	0	1	0	0	11
	19:45	1	0	0	0	0	0	0	0	0	5	7	0	0	0	0	0	13
	20:00	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	7
	20:15	0	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	8
	20:30	0	0	0	0	0	0	0	0	1	7	1	0	0	0	0	0	9
	20:45	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	7
	21:00	0	0	0	0	0	0	0	0	2	7	2	0	1	0	0	0	12
	21:15	0	0	0	0	0	0	0	0	1	5	5	0	0	0	0	0	11
	21:30	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
	21:45	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	7
	22:00	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	22:15	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	5
	22:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
	23:15	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	23:30	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	0	0	0	0	0	0	2	16	277	843	254	44	4	0	0	1444
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	19%	58%	18%	3%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	3	9	3	0	0	0	0	13

Speeds - Average: 67.4 50% : 67.5 67% : 69.0 85% : 71.9 10mph Pace: 61.3 - 71.2 (77.6%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	3
Thu	00:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
	05:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	05:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	06:00	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0	7
	06:15	0	0	0	0	0	0	0	0	1	0	6	3	0	0	0	0	10
	06:30	0	0	0	0	0	0	0	0	0	4	6	1	1	0	0	0	12
	06:45	0	0	0	0	0	0	0	0	0	2	7	1	0	0	0	0	10
	07:00	0	0	0	0	0	0	0	0	1	1	11	2	1	0	0	0	16
	07:15	0	0	0	0	0	0	0	0	0	0	8	1	0	0	0	0	9
	07:30	0	0	0	0	0	0	0	0	0	1	14	5	0	0	0	0	20
	07:45	0	0	0	0	0	0	0	0	0	2	6	1	0	0	0	0	9
Daily Total :		1	0	0	0	0	0	0	0	6	15	74	17	3	0	0	0	116
Percent :		1%	0%	0%	0%	0%	0%	0%	0%	5%	13%	64%	15%	3%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	15

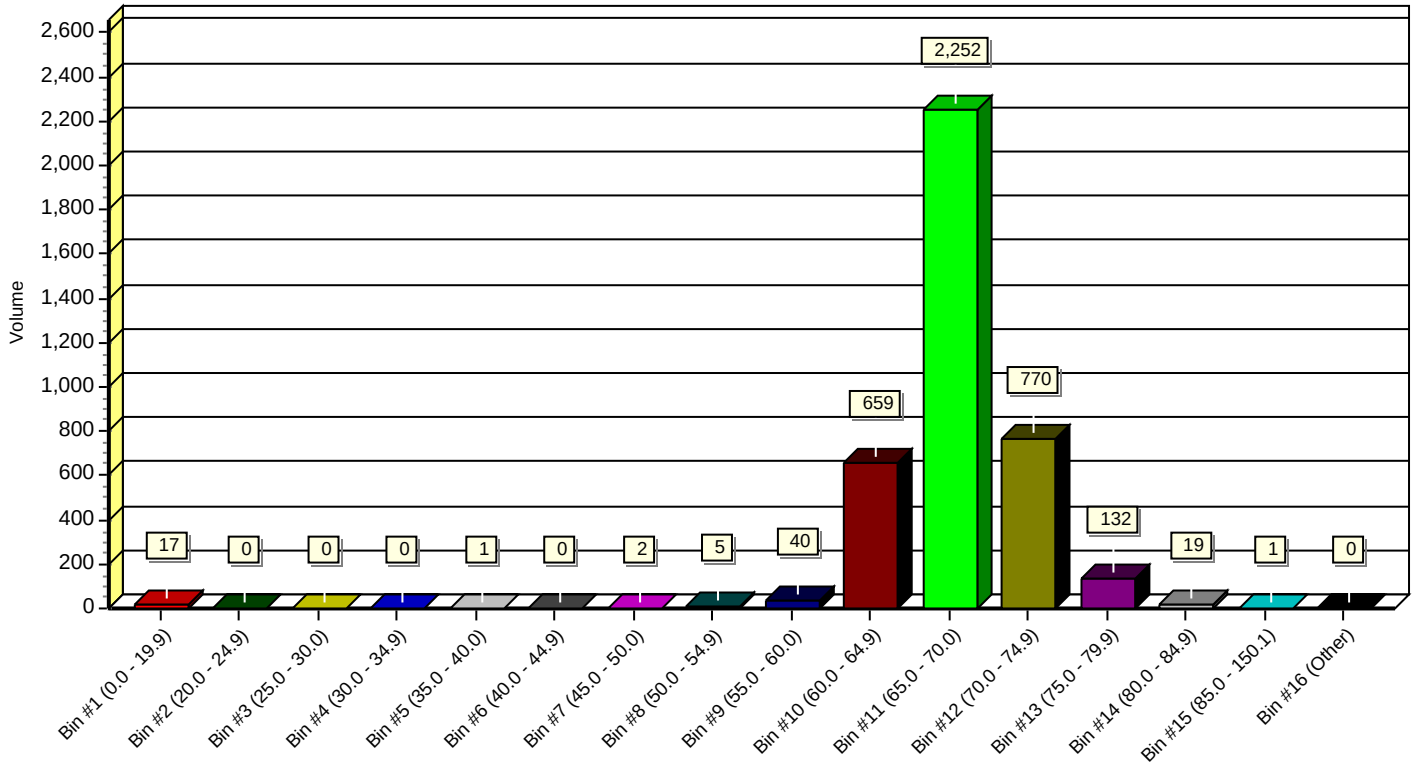
Speeds - Average: 66.8 50% : 67.5 67% : 68.7 85% : 72.1 10mph Pace: 65.2 - 75.1 (78.4%)

Basic Speed Class Summary: 2P0000756

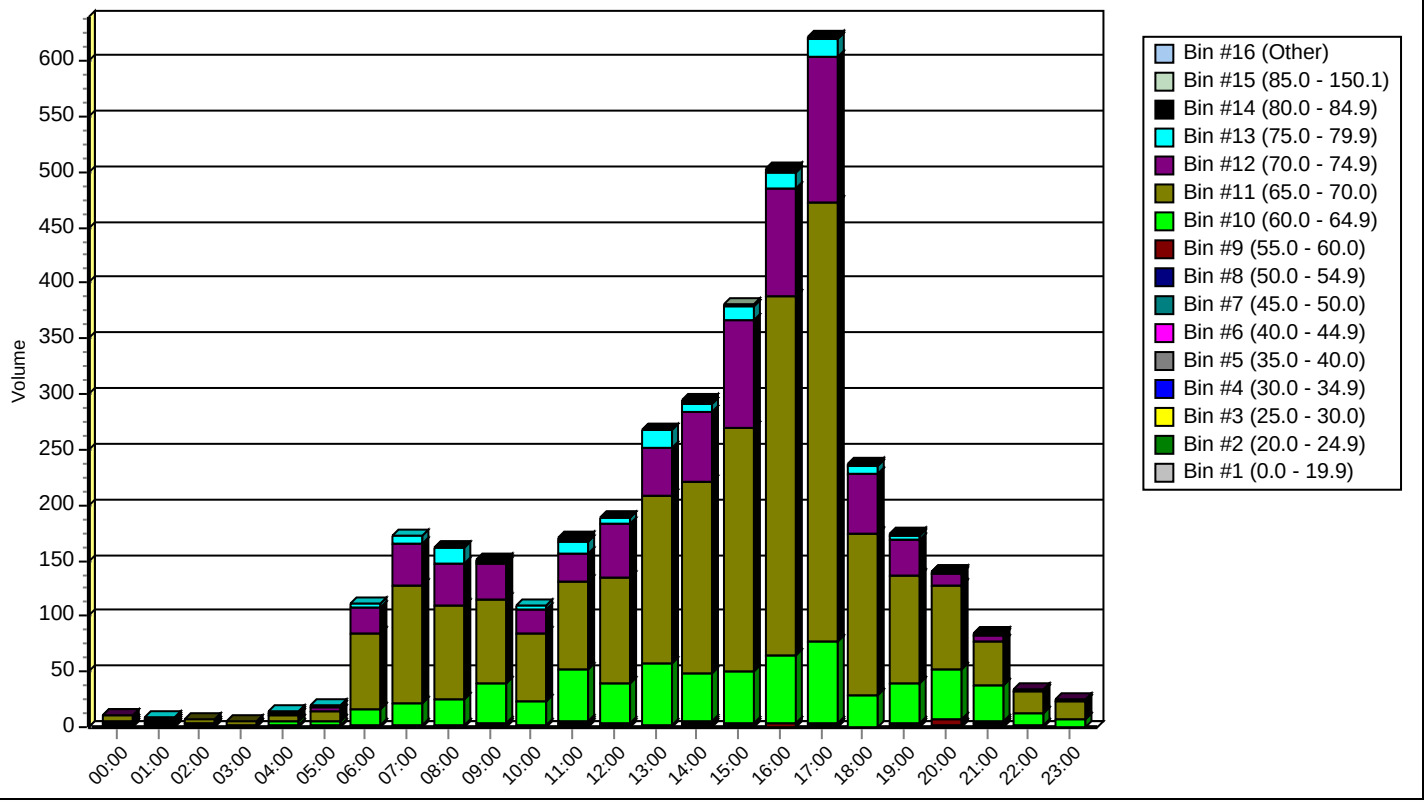
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	17	0	0	0	1	0	2	5	40	659	2252	770	132	19	1	0	3898
		17	0	0	0	1	0	2	5	40	659	2252	770	132	19	1	0	3898
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	1%	17%	58%	20%	3%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	1%	17%	58%	20%	3%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	2	8	3	0	0	0	0	13
		0	0	0	0	0	0	0	0	0	2	8	3	0	0	0	0	13
Days & ADT :	#1.	2.8	1370															
		2.8	1370															
Avg,50,67,85%:	#1.	67.7	67.8	69.2	72.3	65.0	- 74.9	78%										
		67.7	67.8	69.2	72.3	65.0	- 74.9	78%										

2P0000756 Speed Class Charts For Data From: 11:45 - 04/11/2011 To: 08:14 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0000756

Station ID : 4D0000756
Info Line 1 :
Info Line 2 : 90994550
GPS Lat/Lon :
DB File : 4D0000756.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 91383
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		I-90 JOHN INTC	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 11:00 - 04/11/2011 To: 07:59 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	11:00	0	26	16	0	0	1	0	0	3	0	0	0	0	0	46
Mon	11:15	0	28	30	1	0	0	0	0	7	0	0	1	2	0	69
	11:30	0	36	35	0	1	1	0	0	2	1	0	0	1	0	77
	11:45	0	29	32	0	1	1	0	0	8	1	0	0	2	0	74
	12:00	0	30	25	0	1	1	0	0	10	2	0	0	2	0	71
	12:15	0	37	30	1	1	1	0	0	5	0	0	0	0	0	75
	12:30	0	33	29	0	0	0	0	0	5	1	0	0	4	0	72
	12:45	0	19	24	0	1	1	0	1	8	1	0	0	0	1	56
	13:00	1	26	30	0	2	1	0	0	8	1	1	0	1	0	71
	13:15	3	40	21	0	0	3	0	0	2	0	0	0	1	0	70
	13:30	0	31	25	2	1	0	0	0	8	0	0	0	2	1	70
	13:45	0	32	32	1	0	1	0	0	4	1	0	0	0	0	71
	14:00	2	33	24	0	2	3	0	0	7	1	0	0	3	0	75
	14:15	0	24	36	0	0	0	0	0	11	2	0	0	1	0	74
	14:30	1	36	33	0	2	0	0	0	8	1	0	0	0	0	81
	14:45	0	38	34	0	1	0	0	0	7	0	0	1	0	0	81
	15:00	1	33	25	1	1	0	0	2	5	1	0	0	0	0	69
	15:15	0	35	27	0	0	1	0	0	6	0	0	0	2	0	71
	15:30	0	39	36	2	1	1	0	0	4	2	1	0	1	0	87
	15:45	0	41	25	0	1	3	0	0	4	1	0	0	2	0	77
	16:00	1	42	31	0	2	0	0	1	9	2	0	0	1	0	89
	16:15	2	42	24	0	1	0	0	1	3	1	0	0	1	1	76
	16:30	0	64	40	2	1	2	0	0	4	1	0	0	0	0	114
	16:45	2	37	24	1	1	1	0	0	6	1	0	0	0	0	73
	17:00	0	37	37	1	1	2	0	2	12	1	0	0	0	0	93
	17:15	2	42	37	1	3	0	0	0	9	0	0	0	2	0	96
	17:30	1	48	22	2	1	2	0	0	4	4	0	0	0	1	85
	17:45	1	35	25	1	1	0	0	0	2	1	0	0	2	0	68
	18:00	0	40	18	0	1	0	0	0	3	0	0	0	0	0	62
	18:15	0	34	32	0	0	1	0	0	1	0	0	0	1	0	69
	18:30	0	36	23	1	2	0	0	0	8	0	0	0	0	0	70
	18:45	2	38	19	1	0	0	0	0	0	0	0	0	0	0	60
	19:00	0	33	16	0	0	0	0	0	3	0	0	0	0	0	52
	19:15	1	22	19	0	0	0	0	0	4	0	0	0	1	0	47

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	19:30	0	14	15	1	0	0	0	0	4	0	0	0	1	0	35
Mon	19:45	0	13	9	0	0	0	0	0	3	0	0	0	2	0	27
	20:00	0	21	16	0	0	0	0	1	8	0	0	0	0	0	46
	20:15	0	17	9	0	0	0	0	0	3	1	0	0	0	0	30
	20:30	0	18	8	0	0	0	0	0	2	0	0	0	0	0	28
	20:45	1	17	13	0	0	0	0	1	2	1	0	0	1	0	36
	21:00	0	14	8	0	0	0	0	0	3	0	0	0	0	0	25
	21:15	0	13	14	0	1	0	0	0	3	0	0	0	0	0	31
	21:30	1	11	7	1	1	0	0	0	7	0	0	0	0	0	28
	21:45	0	8	9	0	0	0	0	0	6	1	0	0	0	1	25
	22:00	0	5	11	1	0	0	0	0	6	1	0	0	0	0	24
	22:15	0	9	6	0	1	0	0	0	3	0	0	0	0	0	19
	22:30	0	5	7	0	0	0	0	0	3	0	0	0	0	0	15
	22:45	0	9	3	1	0	0	0	0	1	0	0	0	0	0	14
	23:00	0	6	5	0	0	0	0	0	4	0	0	0	0	0	15
	23:15	0	6	1	0	0	0	0	0	2	0	0	0	1	0	10
	23:30	0	2	4	1	0	0	0	0	3	0	0	0	0	0	10
	23:45	0	2	6	0	2	0	0	0	2	2	1	0	1	0	16
Daily Total :		22	1386	1087	23	35	27	0	9	255	33	3	2	38	5	2925
	Percent :	1%	47%	37%	1%	1%	1%	0%	0%	9%	1%	0%	0%	1%	0%	
	Average :	0	27	21	0	1	1	0	0	5	1	0	0	1	0	57

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	5	5	0	0	0	0	0	1	0	0	0	0	0	11
Tue	00:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:30	0	3	3	0	0	0	0	0	0	1	0	0	0	0	7
	00:45	0	5	0	1	0	0	0	0	2	0	1	0	0	0	9
	01:00	0	3	2	0	0	0	0	0	4	0	0	0	0	0	9
	01:15	0	1	2	0	0	0	0	0	4	0	0	0	0	0	7
	01:30	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	01:45	0	1	2	0	0	0	0	0	0	1	0	0	0	0	4
	02:00	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	02:15	0	2	1	0	0	0	0	0	0	0	0	0	1	0	4
	02:30	0	1	1	0	0	0	0	0	2	0	0	1	0	0	5
	02:45	0	0	1	0	0	0	0	0	2	1	0	0	1	0	5
	03:00	0	1	0	0	0	0	0	0	2	0	0	0	0	0	3
	03:15	0	1	2	0	0	0	0	0	1	0	0	0	0	0	4
	03:30	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	03:45	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
	04:00	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	04:15	0	5	2	0	0	0	0	0	2	0	0	0	1	0	10
	04:30	0	4	5	0	0	0	0	0	2	0	0	0	1	0	12
	04:45	0	6	5	0	0	0	0	0	1	0	0	0	0	0	12
	05:00	0	3	5	0	0	0	0	0	1	0	0	0	0	0	9
	05:15	0	7	3	0	0	0	0	0	2	0	0	0	1	0	13
	05:30	0	16	11	0	0	0	0	2	1	1	0	1	3	0	35
	05:45	0	11	10	0	0	0	0	0	2	0	0	0	1	0	24
	06:00	0	21	7	1	0	0	0	0	1	0	1	1	1	0	33
	06:15	0	28	24	0	0	0	0	1	5	0	0	0	2	0	60
	06:30	1	47	27	0	1	0	0	0	1	0	1	0	4	0	82
	06:45	0	42	20	0	0	0	0	0	1	0	0	0	2	0	65
	07:00	0	40	29	0	0	0	0	1	3	0	0	0	3	0	76
	07:15	1	60	42	0	0	0	0	0	2	0	0	0	2	0	107
	07:30	0	63	31	1	1	1	0	0	10	0	1	1	3	0	112
	07:45	1	60	41	0	0	1	0	0	5	0	0	0	4	0	112
	08:00	0	40	27	0	1	0	0	0	8	0	1	0	1	0	78
	08:15	0	36	20	0	0	0	0	0	8	0	0	0	0	0	64
	08:30	0	45	31	0	0	0	0	1	6	0	0	0	2	0	85
	08:45	1	45	36	0	0	1	0	0	6	1	0	0	2	0	92
	09:00	0	22	23	0	1	0	0	0	4	1	0	0	1	0	52
	09:15	0	37	25	0	1	1	0	1	6	0	0	0	2	0	73
	09:30	0	31	28	1	2	1	0	0	7	0	0	0	1	0	71
	09:45	0	31	35	0	2	0	0	0	6	0	0	0	2	0	76
	10:00	0	29	21	1	0	1	0	1	8	0	0	0	1	0	62
	10:15	0	34	33	0	0	1	1	1	7	1	0	0	4	0	82
	10:30	0	21	33	0	1	0	0	1	10	0	0	0	3	1	70
	10:45	1	30	44	0	2	1	0	0	7	0	0	0	0	0	85
	11:00	0	30	32	0	1	2	0	1	8	0	0	0	2	0	76
	11:15	1	19	33	0	3	1	0	0	8	3	0	1	2	0	71
	11:30	0	28	26	0	0	0	0	1	8	0	0	0	2	0	65
	11:45	0	29	29	1	1	3	0	0	7	0	0	0	2	1	73
	12:00	0	24	32	2	1	2	0	0	8	1	0	0	0	0	70
	12:15	0	36	30	0	0	0	0	0	6	0	0	0	1	0	73

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	31	25	0	3	0	0	1	9	0	0	0	4	0	73
Tue	12:45	0	25	22	0	1	1	0	0	10	0	0	0	1	0	60
	13:00	0	20	27	1	3	1	0	2	9	3	0	0	0	0	66
	13:15	0	40	26	0	0	3	0	1	10	1	0	0	0	0	81
	13:30	0	28	26	3	1	1	1	0	4	0	0	0	2	0	66
	13:45	0	35	37	0	3	1	0	2	10	1	0	0	0	0	89
	14:00	0	25	27	0	3	2	0	1	9	0	0	0	1	0	68
	14:15	0	37	19	1	2	1	0	0	10	0	0	0	1	1	72
	14:30	0	44	26	3	1	0	0	1	11	3	0	0	3	0	92
	14:45	0	25	30	1	2	3	1	1	9	1	0	0	1	0	74
	15:00	0	26	22	3	1	3	0	2	7	2	0	0	2	0	68
	15:15	0	40	41	0	2	1	0	0	6	0	0	1	0	0	91
	15:30	0	42	26	1	1	1	0	0	8	0	0	0	2	0	81
	15:45	0	45	22	3	2	2	0	2	5	1	0	0	1	1	84
	16:00	0	46	27	2	0	0	0	1	6	1	0	1	1	0	85
	16:15	0	39	37	0	0	1	0	0	4	0	0	0	1	0	82
	16:30	0	36	38	1	0	2	0	0	7	1	0	0	2	1	88
	16:45	0	28	44	0	1	0	0	0	8	1	2	0	1	0	85
	17:00	0	33	41	0	1	0	0	0	9	1	0	0	1	0	86
	17:15	0	47	31	0	1	2	0	1	6	0	0	0	1	0	89
	17:30	0	50	29	2	2	0	0	0	5	0	0	0	0	0	88
	17:45	0	40	35	0	2	0	0	0	5	0	0	0	3	0	85
	18:00	0	33	36	0	3	1	0	1	3	1	0	0	2	0	80
	18:15	0	32	38	1	0	0	0	0	8	0	0	0	1	1	81
	18:30	0	32	26	0	2	0	0	1	2	0	0	0	1	0	64
	18:45	0	22	23	0	1	2	0	0	4	0	0	0	1	0	53
	19:00	0	27	18	0	1	0	0	1	1	0	0	0	0	0	48
	19:15	0	21	21	3	0	0	0	0	4	0	0	0	2	0	51
	19:30	0	25	13	0	1	0	0	0	9	0	0	0	3	0	51
	19:45	0	21	16	0	0	0	0	0	2	0	0	0	0	0	39
	20:00	0	16	10	2	1	0	0	0	4	0	0	0	0	0	33
	20:15	0	17	11	1	0	0	0	0	6	0	0	0	0	0	35
	20:30	0	13	11	0	0	0	0	0	8	0	0	0	0	0	32
	20:45	0	21	10	0	0	0	0	0	6	0	0	0	0	0	37
	21:00	1	12	16	0	1	0	0	0	3	0	0	0	1	0	34
	21:15	0	8	8	0	1	0	0	0	3	0	0	0	1	0	21
	21:30	0	6	8	0	0	0	0	0	0	0	0	0	1	1	16
	21:45	0	8	3	0	3	0	0	0	5	0	0	0	0	0	19
	22:00	0	9	14	0	0	0	0	0	7	0	0	0	0	1	31
	22:15	0	4	7	0	0	0	0	0	1	0	0	0	0	0	12
	22:30	1	9	8	0	1	0	0	0	5	0	0	0	0	1	25
	22:45	0	6	11	0	0	0	0	0	7	0	0	0	1	0	25
	23:00	0	12	2	0	0	0	0	0	5	0	0	0	0	0	19
	23:15	0	7	5	0	1	0	0	0	1	0	0	0	1	0	15
	23:30	0	4	5	0	0	0	0	0	4	0	0	0	0	0	13
	23:45	0	4	1	0	0	0	0	0	0	2	1	0	0	0	8
Daily Total :		8	2168	1809	36	66	44	3	29	452	30	8	7	101	9	4770
Percent :		0%	45%	38%	1%	1%	1%	0%	1%	9%	1%	0%	0%	2%	0%	
Average :		0	23	19	0	1	0	0	0	5	0	0	0	1	0	49

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	2	3	0	0	0	0	0	1	0	0	0	0	0	6
Wed	00:15	0	4	6	0	0	0	0	0	2	0	0	0	0	0	12
	00:30	0	1	2	0	0	0	0	0	2	0	0	0	0	0	5
	00:45	0	1	3	1	0	0	0	0	1	0	0	0	0	0	6
	01:00	0	2	2	0	0	0	0	0	3	0	0	0	0	0	7
	01:15	0	3	2	0	0	0	0	0	4	0	0	0	0	0	9
	01:30	0	3	1	0	0	0	0	0	1	0	0	0	1	0	6
	01:45	0	1	3	0	0	0	0	0	3	1	0	0	0	0	8
	02:00	0	2	3	0	0	0	0	0	1	1	0	0	0	0	7
	02:15	0	0	0	0	0	0	0	0	2	0	1	0	1	0	4
	02:30	0	2	1	0	1	0	0	0	1	0	0	0	0	0	5
	02:45	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	03:00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	03:15	0	1	0	0	0	0	0	0	2	0	0	0	0	0	3
	03:30	0	1	2	0	0	0	0	0	3	1	1	0	0	0	8
	03:45	0	1	1	0	0	0	0	0	0	0	0	0	1	0	3
	04:00	0	3	5	0	0	0	0	0	1	0	1	0	0	0	10
	04:15	0	6	2	0	0	0	0	0	2	0	0	0	1	0	11
	04:30	0	6	3	0	0	0	0	0	6	0	0	0	0	0	15
	04:45	0	9	4	0	0	0	0	0	4	0	0	0	1	0	18
	05:00	0	7	2	0	1	0	0	0	0	1	0	0	1	0	12
	05:15	0	9	4	1	0	0	0	0	6	0	0	0	1	0	21
	05:30	0	15	7	0	0	0	0	1	1	0	0	0	0	0	24
	05:45	0	15	12	1	0	0	0	0	2	0	0	0	1	0	31
	06:00	0	14	10	0	0	0	0	0	7	0	0	0	3	0	34
	06:15	0	36	19	0	0	0	0	0	1	1	1	1	3	0	62
	06:30	0	49	18	1	1	1	0	0	1	0	1	0	3	0	75
	06:45	0	43	29	0	0	2	0	2	4	1	0	0	3	0	84
	07:00	1	51	29	0	0	0	0	1	6	0	0	0	3	0	91
	07:15	0	58	36	0	0	0	0	0	4	0	0	1	0	0	99
	07:30	1	62	40	1	0	1	0	0	7	0	0	0	1	1	114
	07:45	0	86	33	0	1	0	0	0	4	0	0	0	0	0	124
	08:00	0	34	28	0	2	0	0	0	5	0	0	0	2	0	71
	08:15	0	33	24	4	0	0	0	0	5	1	2	0	2	0	71
	08:30	0	38	29	0	1	1	0	1	3	2	0	0	2	1	78
	08:45	0	32	26	0	0	0	0	0	0	1	0	0	1	0	60
	09:00	0	35	30	0	1	1	0	0	10	0	0	0	2	0	79
	09:15	0	38	25	0	1	2	0	0	7	0	0	1	1	0	75
	09:30	0	33	31	1	2	1	0	0	8	3	0	0	3	0	82
	09:45	0	40	35	1	0	1	0	0	7	1	0	0	2	0	87
	10:00	0	34	35	3	2	1	0	0	7	0	0	0	5	0	87
	10:15	0	42	32	0	2	0	0	1	4	1	0	0	1	0	83
	10:30	0	30	38	0	0	1	0	1	11	0	0	0	2	0	83
	10:45	0	32	34	0	2	0	0	1	10	0	0	0	0	0	79
	11:00	0	32	31	0	0	1	0	0	5	0	0	1	1	0	71
	11:15	0	33	32	0	1	0	0	2	10	1	0	0	1	0	80
	11:30	1	35	33	1	1	2	0	1	10	1	0	0	1	0	86
	11:45	0	30	32	3	0	0	0	0	11	2	0	0	0	0	78
	12:00	0	29	36	0	1	0	0	1	6	0	0	0	3	0	76
	12:15	0	38	29	1	3	0	0	0	5	0	0	0	1	1	78

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	1	37	23	1	0	1	0	0	7	0	0	0	1	0	71
Wed	12:45	0	33	36	1	2	0	0	1	11	0	0	0	1	0	85
	13:00	0	33	34	1	0	0	0	1	4	0	0	0	0	1	74
	13:15	0	33	31	1	0	1	0	1	4	3	0	0	3	0	77
	13:30	0	38	29	0	2	0	0	2	5	1	0	0	0	0	77
	13:45	0	26	33	1	0	0	0	0	6	1	0	0	2	0	69
	14:00	0	39	36	0	0	2	0	1	6	0	0	0	1	0	85
	14:15	0	30	35	1	2	3	0	0	13	2	0	1	1	0	88
	14:30	0	30	29	1	1	1	0	2	6	1	0	0	1	0	72
	14:45	0	33	35	0	0	2	0	1	7	1	0	0	2	0	81
	15:00	0	37	31	0	1	2	0	1	6	1	0	0	1	0	80
	15:15	0	34	45	1	2	0	1	0	8	0	0	0	0	0	91
	15:30	0	42	24	3	4	0	0	1	14	0	0	0	1	0	89
	15:45	2	35	39	0	2	0	0	2	4	2	0	0	1	0	87
	16:00	0	34	31	0	2	2	0	0	8	2	0	0	0	0	79
	16:15	0	34	44	1	2	0	0	0	4	1	0	0	1	0	87
	16:30	0	43	40	2	0	1	0	0	7	1	0	0	0	1	95
	16:45	0	34	28	1	5	0	1	0	7	0	0	0	1	0	77
	17:00	0	34	36	0	6	0	0	0	7	0	0	0	1	0	84
	17:15	0	49	30	0	3	1	0	0	11	2	0	0	3	0	99
	17:30	0	32	42	1	3	0	0	1	14	0	1	0	0	0	94
	17:45	0	37	34	0	0	0	0	1	6	2	0	0	1	0	81
	18:00	0	30	38	1	1	0	0	0	9	0	0	0	1	0	80
	18:15	0	41	33	1	0	0	0	0	9	1	0	0	1	0	86
	18:30	0	25	25	1	1	1	0	0	4	1	0	0	0	0	58
	18:45	0	27	28	1	3	1	0	2	12	1	0	0	2	0	77
	19:00	1	18	20	1	1	0	0	0	5	0	0	0	1	0	47
	19:15	0	16	20	0	0	0	0	1	7	3	0	0	2	0	49
	19:30	0	17	10	0	1	0	0	0	4	1	0	0	0	0	33
	19:45	0	16	20	0	0	0	0	1	6	1	0	0	0	0	44
	20:00	0	11	10	0	0	0	0	0	6	2	0	0	0	1	30
	20:15	0	13	13	0	0	0	0	2	6	3	0	0	1	0	38
	20:30	0	11	14	0	0	0	0	0	5	0	0	0	1	0	31
	20:45	0	19	12	0	0	0	0	0	3	1	0	0	0	1	36
	21:00	0	15	9	0	0	0	0	0	6	0	0	0	1	0	31
	21:15	0	14	12	0	0	0	0	2	5	0	0	0	0	0	33
	21:30	0	7	10	1	3	0	0	0	2	0	0	0	0	1	24
	21:45	0	8	7	0	0	0	0	1	6	1	0	0	1	0	24
	22:00	0	12	6	0	0	0	0	0	1	0	0	1	0	0	20
	22:15	0	9	1	0	0	0	0	0	4	0	0	0	0	0	14
	22:30	0	7	3	0	0	1	0	0	2	1	0	0	1	0	15
	22:45	0	5	7	0	0	0	0	0	6	0	0	0	0	0	18
	23:00	0	6	5	0	0	0	0	0	3	0	0	0	0	0	14
	23:15	0	0	2	0	0	0	0	0	2	0	0	0	0	0	4
	23:30	0	5	7	0	0	0	0	0	3	0	0	0	0	0	15
	23:45	0	5	4	1	0	0	0	0	5	0	1	0	1	0	17
Daily Total :		7	2225	1903	42	70	34	2	36	498	55	9	6	89	8	4984
Percent :		0%	45%	38%	1%	1%	1%	0%	1%	10%	1%	0%	0%	2%	0%	
Average :		0	23	20	0	1	0	0	0	5	1	0	0	1	0	51

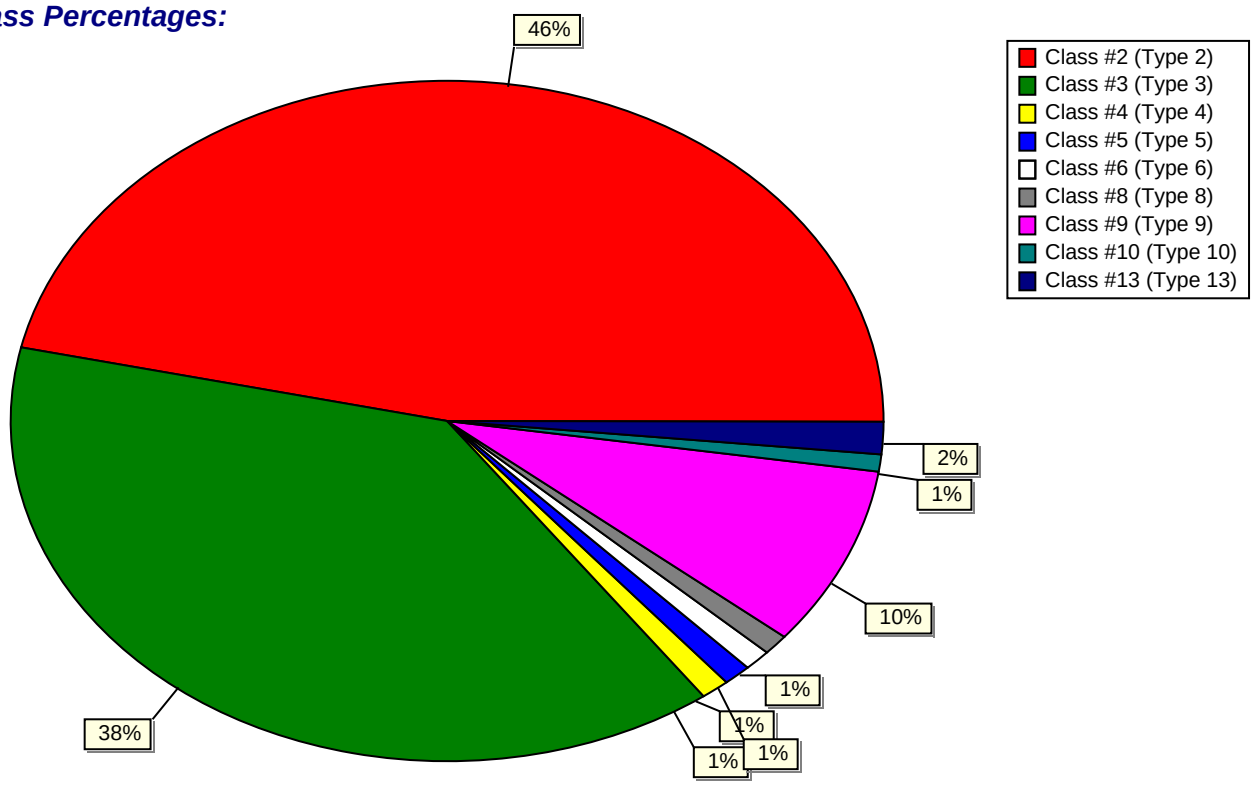
Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	4	2	0	0	0	0	0	1	1	0	0	0	0	8
Thu	00:15	0	5	3	0	0	0	0	0	1	0	0	0	0	0	9
	00:30	0	3	1	0	0	0	0	0	3	0	0	0	0	0	7
	00:45	0	2	2	1	0	0	0	0	2	0	0	0	0	0	7
	01:00	0	1	3	0	0	0	0	0	1	0	0	0	0	0	5
	01:15	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	01:30	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	01:45	0	1	2	0	0	1	0	0	2	1	0	0	0	0	7
	02:00	0	2	0	0	0	0	0	1	1	2	0	0	1	0	7
	02:15	0	0	1	0	0	0	0	0	1	0	0	0	0	1	3
	02:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	02:45	0	3	2	0	1	0	0	0	2	0	0	0	1	0	9
	03:00	0	2	0	0	0	0	0	0	3	0	0	0	1	0	6
	03:15	0	0	2	0	0	0	0	0	3	0	0	0	0	0	5
	03:30	0	1	3	0	0	0	0	0	4	0	0	0	1	0	9
	03:45	0	1	2	0	0	0	0	0	3	0	0	0	0	0	6
	04:00	0	1	2	0	0	0	0	0	3	0	0	0	1	0	7
	04:15	0	7	5	0	0	0	0	0	3	0	0	1	1	0	17
	04:30	0	4	0	0	0	0	0	1	0	0	0	0	1	0	6
	04:45	0	5	10	0	0	0	0	0	4	0	0	0	2	0	21
	05:00	0	3	7	0	1	0	0	0	1	0	0	0	0	0	12
	05:15	0	9	6	0	0	0	0	0	9	0	0	0	1	0	25
	05:30	0	11	12	0	0	0	0	0	8	0	0	0	0	0	31
	05:45	0	6	7	0	0	0	0	0	3	0	0	0	2	0	18
	06:00	0	22	7	1	0	0	0	0	1	0	0	0	1	0	32
	06:15	0	28	20	0	0	0	0	1	3	0	1	1	4	0	58
	06:30	0	42	27	0	1	0	0	0	2	0	0	0	1	0	73
	06:45	0	46	28	0	0	0	0	1	0	1	0	0	4	0	80
	07:00	1	44	21	0	1	1	0	0	8	0	0	1	2	0	79
	07:15	0	50	40	0	1	0	0	0	7	1	1	1	1	0	102
	07:30	0	80	39	0	1	0	0	0	3	0	0	0	1	0	124
Daily Total :		1	388	262	2	6	2	0	4	82	6	2	4	26	1	786
	Percent :	0%	49%	33%	0%	1%	0%	0%	1%	10%	1%	0%	1%	3%	0%	
	Average :	0	13	8	0	0	0	0	0	3	0	0	0	1	0	25

Basic Axle Class Summary: 4D0000756

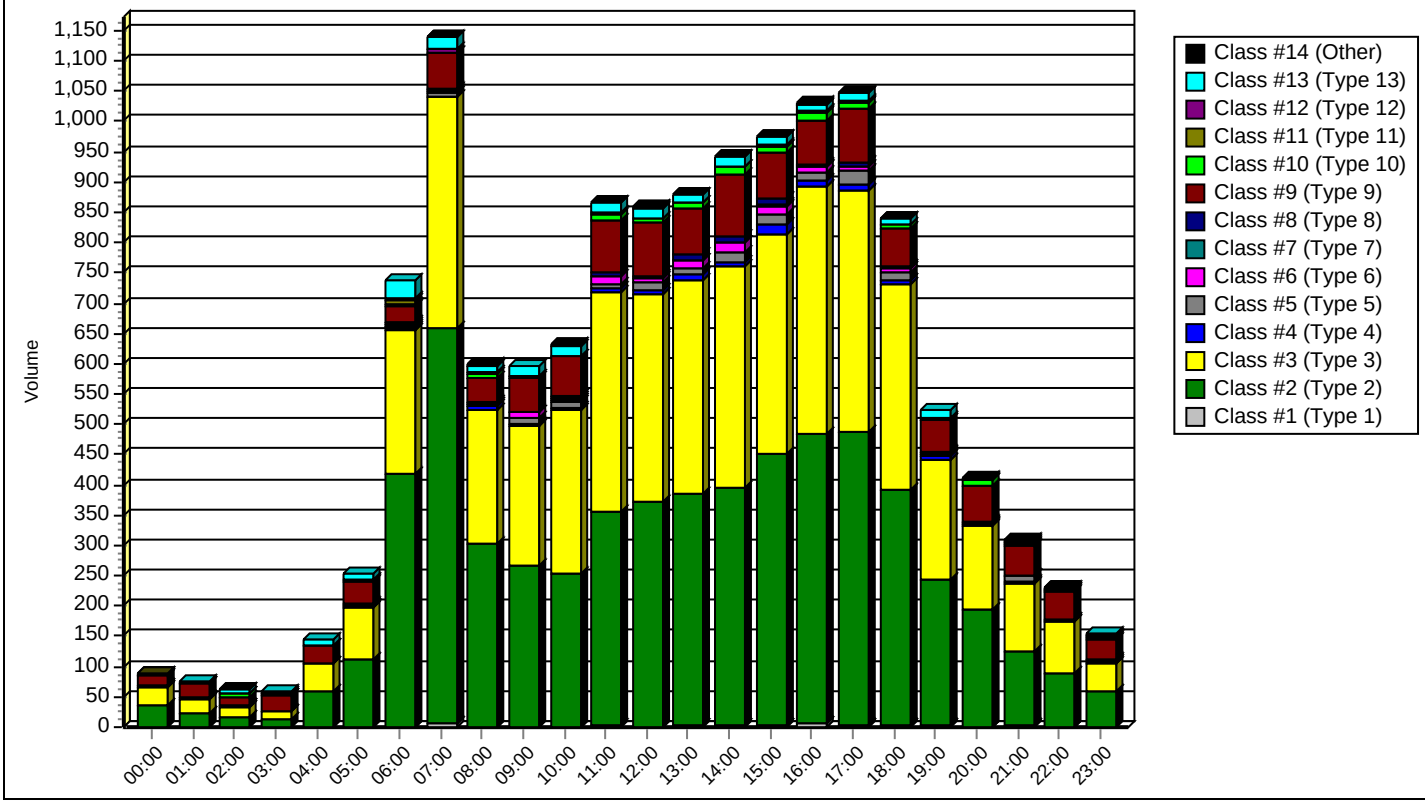
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	38	6167	5061	103	177	107	5	78	1287	124	22	19	254	23	13465
		38	6167	5061	103	177	107	5	78	1287	124	22	19	254	23	13465
Percents :	#1.	0%	46%	38%	1%	1%	1%	0%	1%	10%	1%	0%	0%	2%	0%	100%
		0%	46%	38%	1%	1%	1%	0%	1%	10%	1%	0%	0%	2%	0%	
Average :	#1.	0	22	18	0	1	0	0	0	5	0	0	0	1	0	47
		0	22	18	0	1	0	0	0	5	0	0	0	1	0	47
Days & ADT :	#1.	2.8	4700													
		2.8	4700													

4D0000756 Axle Class Charts For Data From: 11:00 - 04/11/2011 To: 07:59 - 04/14/2011

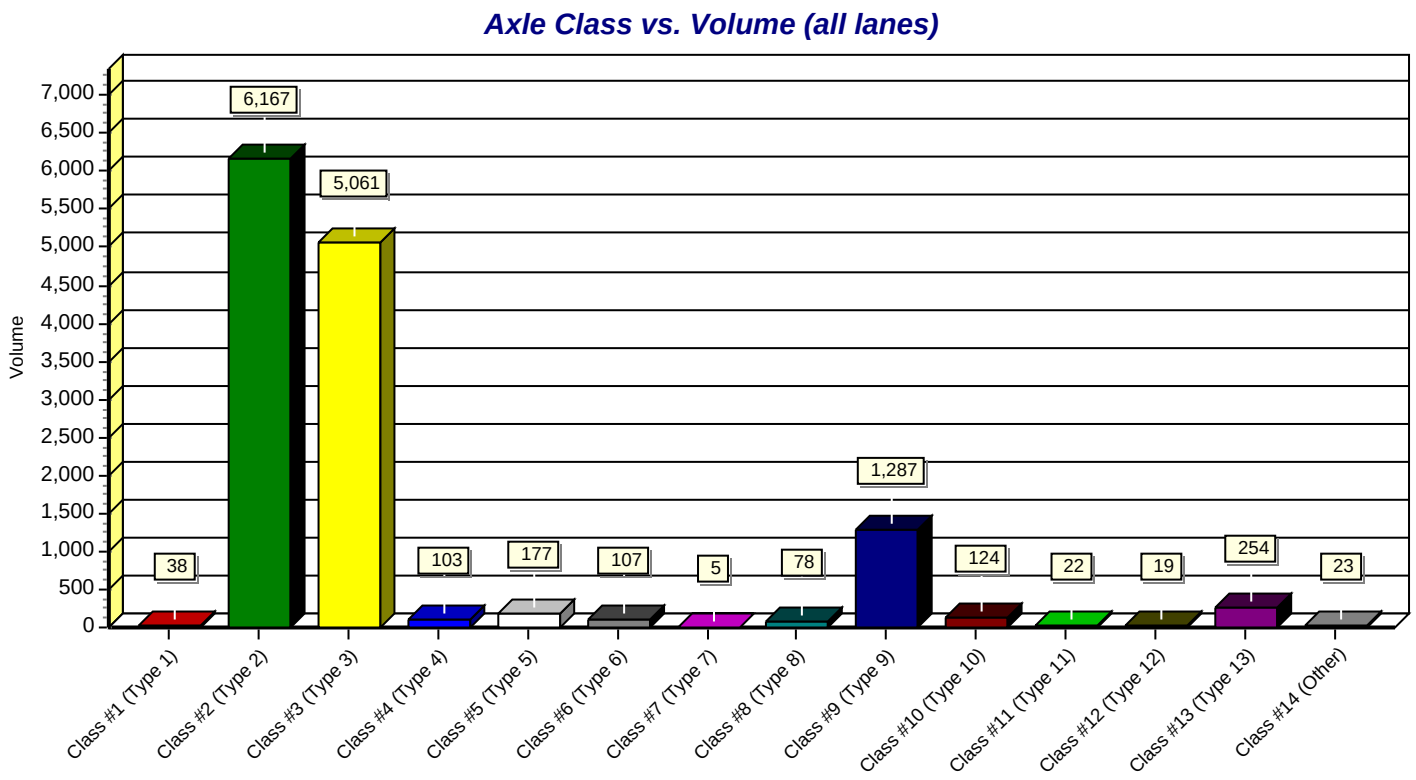
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0000756 Axle Class Charts For Data From: 11:00 - 04/11/2011 To: 07:59 - 04/14/2011



Basic Speed Classification Report: 4D0000756

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		I-90 JOHN INTC	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 11:00 - 04/11/2011 To: 07:59 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	11:00	0	0	0	0	1	0	1	3	5	21	15	0	0	0	0	0	46
Mon	11:15	0	0	0	0	1	0	1	2	13	24	24	4	0	0	0	0	69
	11:30	0	0	0	0	0	0	0	3	8	26	28	10	2	0	0	0	77
	11:45	0	0	0	0	0	0	0	4	10	30	23	6	1	0	0	0	74
	12:00	0	0	0	0	0	1	1	2	8	28	23	7	1	0	0	0	71
	12:15	0	0	0	0	0	0	0	1	6	23	32	12	1	0	0	0	75
	12:30	0	0	0	0	0	0	1	3	7	34	21	4	1	1	0	0	72
	12:45	0	0	0	0	0	0	0	2	6	27	15	5	1	0	0	0	56
	13:00	0	0	0	0	0	0	0	3	10	30	27	0	1	0	0	0	71
	13:15	0	0	0	0	0	0	0	1	8	21	32	7	1	0	0	0	70
	13:30	0	0	0	0	0	0	0	3	7	29	28	2	1	0	0	0	70
	13:45	0	0	0	0	0	0	1	1	5	30	26	8	0	0	0	0	71
	14:00	0	0	0	0	0	0	0	1	7	37	26	3	1	0	0	0	75
	14:15	0	0	0	0	0	0	0	0	11	35	24	4	0	0	0	0	74
	14:30	0	0	0	0	0	0	1	4	8	37	26	4	0	1	0	0	81
	14:45	0	0	0	0	0	0	0	1	14	38	24	3	0	1	0	0	81
	15:00	0	0	0	0	0	0	1	1	7	29	23	7	1	0	0	0	69
	15:15	0	0	0	0	0	0	0	3	5	34	25	3	0	0	1	0	71
	15:30	0	0	0	0	0	0	0	4	12	29	33	8	1	0	0	0	87
	15:45	0	0	0	0	0	0	0	4	11	39	21	2	0	0	0	0	77
	16:00	0	0	0	0	0	0	1	0	15	33	32	7	1	0	0	0	89
	16:15	0	0	0	0	0	0	2	1	10	26	27	10	0	0	0	0	76
	16:30	0	0	0	0	0	0	4	3	10	44	41	9	3	0	0	0	114
	16:45	0	0	0	0	0	0	0	2	8	30	29	4	0	0	0	0	73
	17:00	0	0	1	0	0	0	0	0	6	35	39	12	0	0	0	0	93
	17:15	0	0	0	0	0	0	0	4	10	30	43	6	2	1	0	0	96
	17:30	0	0	0	0	0	0	1	3	10	31	31	8	0	1	0	0	85
	17:45	0	0	0	0	0	0	0	2	6	26	26	5	3	0	0	0	68
	18:00	0	0	0	0	0	1	1	1	3	16	37	2	1	0	0	0	62
	18:15	0	0	0	0	0	0	0	0	5	28	24	10	2	0	0	0	69
	18:30	0	0	0	0	0	0	0	2	5	17	39	7	0	0	0	0	70
	18:45	0	0	0	0	0	0	0	1	4	20	26	7	2	0	0	0	60
	19:00	0	0	0	0	0	0	0	2	2	15	28	5	0	0	0	0	52
	19:15	0	0	0	0	0	0	0	0	8	13	19	6	0	1	0	0	47
	19:30	0	0	0	0	0	0	0	0	3	17	10	3	2	0	0	0	35
	19:45	0	0	0	0	0	0	0	1	3	12	9	1	1	0	0	0	27
	20:00	0	0	0	0	0	1	0	3	5	19	14	2	2	0	0	0	46
	20:15	0	0	0	0	0	0	2	1	8	9	8	2	0	0	0	0	30
	20:30	0	0	0	0	0	0	1	1	9	10	7	0	0	0	0	0	28
	20:45	0	0	0	0	0	0	0	2	10	11	9	3	0	1	0	0	36

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	21:00	0	0	0	0	0	0	1	2	10	7	3	2	0	0	0	0	25
Mon	21:15	0	0	0	0	0	0	0	3	3	14	9	2	0	0	0	0	31
	21:30	0	0	0	0	0	0	0	1	5	16	4	2	0	0	0	0	28
	21:45	0	0	0	0	0	0	0	0	7	11	7	0	0	0	0	0	25
	22:00	0	0	0	0	0	0	1	2	6	8	6	1	0	0	0	0	24
	22:15	0	0	0	0	0	0	0	0	4	4	8	2	0	1	0	0	19
	22:30	0	0	0	0	0	0	0	0	5	6	4	0	0	0	0	0	15
	22:45	0	0	0	0	0	0	1	0	0	5	5	1	2	0	0	0	14
	23:00	0	0	0	0	0	0	0	1	4	2	8	0	0	0	0	0	15
	23:15	0	0	0	0	0	0	0	0	0	7	3	0	0	0	0	0	10
	23:30	0	0	0	0	0	0	0	1	2	3	4	0	0	0	0	0	10
	23:45	0	0	0	0	0	0	1	1	2	7	4	1	0	0	0	0	16
Daily Total :		0	0	1	0	2	3	23	86	356	1133	1059	219	34	8	1	0	2925
Percent :		0%	0%	0%	0%	0%	0%	1%	3%	12%	39%	36%	7%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	2	7	22	20	4	1	0	0	0	47

Speeds - Average: 64.2 50% : 64.4 67% : 66.7 85% : 69.2 10mph Pace: 60.1 - 70.0 (74.9%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	1	1	1	7	1	0	0	0	0	11
Tue	00:15	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	00:30	0	0	1	0	0	0	0	0	2	4	0	0	0	0	0	0	7
	00:45	0	0	0	0	0	0	0	0	1	4	4	0	0	0	0	0	9
	01:00	0	0	0	0	0	0	0	0	4	4	1	0	0	0	0	0	9
	01:15	0	0	0	0	0	0	0	1	0	4	2	0	0	0	0	0	7
	01:30	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	01:45	0	0	0	0	0	0	0	0	0	1	2	0	0	1	0	0	4
	02:00	0	0	0	0	0	1	0	1	3	2	2	0	0	0	0	0	9
	02:15	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	02:30	0	0	0	0	0	0	0	0	1	2	1	0	1	0	0	0	5
	02:45	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	5
	03:00	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	3
	03:15	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
	03:30	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	03:45	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	6
	04:00	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6
	04:15	0	0	0	0	0	0	0	2	3	3	2	0	0	0	0	0	10
	04:30	0	0	0	0	0	0	0	3	1	7	1	0	0	0	0	0	12
	04:45	0	0	0	0	0	0	0	0	0	3	8	1	0	0	0	0	12
	05:00	0	0	0	0	0	0	0	0	1	1	5	1	1	0	0	0	9
	05:15	0	0	0	0	0	0	0	0	1	5	4	2	1	0	0	0	13
	05:30	0	0	0	0	0	0	0	0	6	8	17	3	0	1	0	0	35
	05:45	0	0	0	0	0	0	0	0	4	5	12	2	0	1	0	0	24
	06:00	0	0	0	0	0	0	0	0	2	6	18	5	2	0	0	0	33
	06:15	0	0	0	0	0	0	1	0	6	14	32	5	2	0	0	0	60
	06:30	0	0	0	0	0	0	0	0	1	27	37	14	3	0	0	0	82
	06:45	0	0	0	0	0	0	0	0	2	19	31	13	0	0	0	0	65
	07:00	0	0	0	0	0	0	0	1	5	23	34	13	0	0	0	0	76
	07:15	0	0	0	0	0	0	0	0	5	27	57	15	3	0	0	0	107
	07:30	0	0	1	0	0	0	0	1	5	30	66	7	1	1	0	0	112
	07:45	0	0	0	0	0	0	0	0	5	25	72	10	0	0	0	0	112
	08:00	0	0	0	0	0	0	0	1	1	28	40	6	2	0	0	0	78
	08:15	0	0	0	0	0	0	0	1	3	17	35	6	2	0	0	0	64
	08:30	0	0	0	0	0	0	0	1	6	30	38	10	0	0	0	0	85
	08:45	0	0	0	0	0	0	0	2	6	29	48	6	1	0	0	0	92
	09:00	0	0	0	1	1	0	2	2	6	23	16	1	0	0	0	0	52
	09:15	0	0	0	0	0	0	0	1	6	14	41	9	2	0	0	0	73
	09:30	0	0	0	0	0	0	0	1	2	23	33	7	5	0	0	0	71
	09:45	0	0	0	0	0	0	1	1	4	29	31	9	1	0	0	0	76
	10:00	0	0	0	0	0	0	1	1	5	28	21	4	2	0	0	0	62
	10:15	0	0	0	0	0	0	1	5	9	26	36	5	0	0	0	0	82
	10:30	0	0	0	0	0	0	2	0	3	19	31	12	1	2	0	0	70
	10:45	1	0	0	0	0	0	1	2	7	23	37	11	2	1	0	0	85
	11:00	0	0	0	0	0	0	0	1	5	22	43	2	1	2	0	0	76
	11:15	0	0	0	0	0	0	0	0	7	15	37	10	2	0	0	0	71
	11:30	0	0	0	0	0	0	0	1	5	23	24	10	2	0	0	0	65
	11:45	0	0	0	0	0	0	0	1	5	20	36	10	1	0	0	0	73
	12:00	0	0	0	0	0	0	0	4	2	20	33	7	3	1	0	0	70
	12:15	0	0	0	0	0	0	0	3	7	14	39	9	1	0	0	0	73

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	1	8	27	27	9	1	0	0	0	73
Tue	12:45	0	0	0	0	0	0	0	2	5	18	26	8	0	1	0	0	60
	13:00	0	0	0	0	0	0	0	2	2	21	30	8	3	0	0	0	66
	13:15	0	0	0	0	0	0	0	0	9	18	35	15	4	0	0	0	81
	13:30	0	0	0	0	0	0	0	2	5	26	24	8	0	1	0	0	66
	13:45	0	0	0	0	0	0	0	0	4	34	44	5	2	0	0	0	89
	14:00	0	0	0	0	0	0	0	0	4	14	47	3	0	0	0	0	68
	14:15	0	0	0	0	0	0	0	1	5	19	32	13	1	1	0	0	72
	14:30	0	0	0	0	0	0	0	1	4	28	46	12	1	0	0	0	92
	14:45	0	0	0	0	0	0	0	1	2	19	38	13	1	0	0	0	74
	15:00	0	0	0	0	0	0	1	0	5	22	32	6	2	0	0	0	68
	15:15	0	0	0	0	0	0	0	5	9	30	35	12	0	0	0	0	91
	15:30	0	0	0	0	0	0	0	1	6	12	45	13	3	1	0	0	81
	15:45	0	0	0	0	0	0	0	1	7	33	32	7	3	1	0	0	84
	16:00	0	0	0	0	0	0	0	0	3	22	48	8	4	0	0	0	85
	16:15	0	0	0	0	0	0	0	0	4	27	34	11	5	1	0	0	82
	16:30	0	0	0	0	0	0	0	1	5	31	38	12	1	0	0	0	88
	16:45	0	0	0	0	0	0	0	0	8	25	38	12	2	0	0	0	85
	17:00	0	0	0	0	0	1	0	2	3	25	39	13	3	0	0	0	86
	17:15	0	0	1	0	0	0	0	2	5	30	39	9	3	0	0	0	89
	17:30	0	0	0	0	0	0	0	0	6	18	44	19	0	0	1	0	88
	17:45	0	0	0	0	0	0	0	1	5	30	44	5	0	0	0	0	85
	18:00	0	0	0	0	0	0	0	4	5	17	42	10	2	0	0	0	80
	18:15	0	0	0	0	0	0	0	1	3	27	40	8	2	0	0	0	81
	18:30	0	0	0	0	0	0	0	3	3	15	28	10	5	0	0	0	64
	18:45	0	0	0	0	0	0	0	0	3	15	31	4	0	0	0	0	53
	19:00	0	0	0	0	0	0	0	0	3	17	20	5	1	1	1	0	48
	19:15	0	0	0	0	0	0	0	0	2	21	20	5	3	0	0	0	51
	19:30	0	0	0	0	0	0	0	1	8	13	22	4	1	2	0	0	51
	19:45	0	0	0	0	0	0	0	1	7	22	8	1	0	0	0	0	39
	20:00	0	0	0	0	0	0	0	1	11	12	9	0	0	0	0	0	33
	20:15	0	0	0	0	0	0	1	4	10	13	7	0	0	0	0	0	35
	20:30	0	0	0	0	0	0	1	3	7	7	12	2	0	0	0	0	32
	20:45	0	0	0	0	0	0	2	3	9	7	10	6	0	0	0	0	37
	21:00	0	0	0	0	0	0	5	3	9	9	7	1	0	0	0	0	34
	21:15	0	0	0	0	0	1	1	1	7	6	5	0	0	0	0	0	21
	21:30	0	0	0	0	0	0	0	4	2	3	4	3	0	0	0	0	16
	21:45	0	0	0	0	0	0	0	3	5	7	4	0	0	0	0	0	19
	22:00	0	0	0	0	0	0	1	2	6	11	10	0	1	0	0	0	31
	22:15	0	0	0	0	0	0	0	1	1	3	5	1	0	1	0	0	12
	22:30	1	0	0	0	0	0	2	2	5	5	7	3	0	0	0	0	25
	22:45	0	0	0	0	0	0	0	0	4	8	7	4	2	0	0	0	25
	23:00	0	0	0	0	0	0	0	3	5	5	3	2	0	1	0	0	19
	23:15	0	0	0	0	0	0	1	1	2	7	4	0	0	0	0	0	15
	23:30	0	0	0	0	0	0	1	0	4	2	3	3	0	0	0	0	13
	23:45	0	0	0	0	0	0	0	0	2	0	5	1	0	0	0	0	8

(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :	2	0	3	1	1	3	25	104	390	1424	2174	522	98	21	2	0	4770
Percent :	0%	0%	0%	0%	0%	0%	1%	2%	8%	30%	46%	11%	2%	0%	0%	0%	
Average :	0	0	0	0	0	0	0	1	4	15	23	5	1	0	0	0	56

Speeds - Average: 65.5 50% : 66.1 67% : 67.9 85% : 69.9 10mph Pace: 60.1 - 70.0 (75.4%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	1	2	1	2	0	0	0	0	0	6
Wed	00:15	0	0	0	0	0	0	0	0	1	3	5	2	1	0	0	0	12
	00:30	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	5
	00:45	0	0	0	0	0	0	0	0	1	3	1	0	1	0	0	0	6
	01:00	0	0	0	0	0	0	1	0	1	2	3	0	0	0	0	0	7
	01:15	0	0	0	0	0	0	1	3	0	3	1	1	0	0	0	0	9
	01:30	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6
	01:45	0	0	0	0	0	0	1	2	0	1	3	1	0	0	0	0	8
	02:00	0	0	0	0	0	0	1	0	1	0	5	0	0	0	0	0	7
	02:15	0	0	0	0	0	1	0	0	0	2	1	0	0	0	0	0	4
	02:30	0	0	0	0	0	0	1	0	2	0	2	0	0	0	0	0	5
	02:45	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	03:00	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	3
	03:15	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	03:30	0	0	0	0	0	0	0	2	1	3	1	1	0	0	0	0	8
	03:45	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
	04:00	0	0	0	0	0	0	1	1	0	1	6	1	0	0	0	0	10
	04:15	0	0	0	0	0	0	0	0	2	5	3	1	0	0	0	0	11
	04:30	0	0	0	0	0	0	1	2	3	5	4	0	0	0	0	0	15
	04:45	0	0	0	0	0	0	0	0	4	2	7	4	0	1	0	0	18
	05:00	0	0	0	0	0	1	0	1	0	2	4	4	0	0	0	0	12
	05:15	0	0	0	0	0	0	0	2	5	3	8	3	0	0	0	0	21
	05:30	0	0	0	0	0	0	0	0	1	7	15	0	1	0	0	0	24
	05:45	0	0	0	0	0	0	0	2	1	5	12	9	1	1	0	0	31
	06:00	0	0	0	0	0	0	0	2	6	7	12	7	0	0	0	0	34
	06:15	0	0	0	0	0	0	0	3	4	19	30	5	1	0	0	0	62
	06:30	0	0	0	0	0	0	0	1	3	29	30	10	1	1	0	0	75
	06:45	0	0	0	0	0	0	0	0	3	15	43	20	2	1	0	0	84
	07:00	0	0	0	0	0	0	0	2	2	20	48	19	0	0	0	0	91
	07:15	0	0	0	0	0	0	0	0	2	18	56	22	1	0	0	0	99
	07:30	0	0	0	0	0	0	0	2	2	26	58	21	4	1	0	0	114
	07:45	0	0	0	0	0	0	0	0	5	15	68	29	7	0	0	0	124
	08:00	0	0	0	0	0	0	0	0	2	16	42	10	0	1	0	0	71
	08:15	0	0	0	0	0	0	0	2	2	18	39	10	0	0	0	0	71
	08:30	0	0	0	0	0	0	0	2	5	19	38	8	4	2	0	0	78
	08:45	0	0	0	0	0	0	0	0	2	14	28	16	0	0	0	0	60
	09:00	0	0	0	0	0	1	0	3	5	22	41	4	1	2	0	0	79
	09:15	0	0	0	0	0	0	0	0	4	18	35	17	0	1	0	0	75
	09:30	0	0	0	0	0	0	2	3	6	24	40	7	0	0	0	0	82
	09:45	0	0	0	0	0	0	0	0	6	29	44	8	0	0	0	0	87
	10:00	0	0	0	0	0	0	1	2	8	28	34	12	2	0	0	0	87
	10:15	0	0	0	0	0	0	0	1	3	21	43	13	2	0	0	0	83
	10:30	0	0	0	0	0	0	0	0	3	15	55	9	1	0	0	0	83
	10:45	0	0	0	0	0	0	1	1	1	24	36	14	1	1	0	0	79
	11:00	0	0	0	0	0	0	0	1	7	22	28	11	2	0	0	0	71
	11:15	0	0	0	0	0	0	1	2	7	21	33	8	6	2	0	0	80
	11:30	0	0	0	0	0	0	0	1	14	23	34	10	4	0	0	0	86
	11:45	0	0	0	0	0	0	0	1	4	30	35	6	1	0	1	0	78
	12:00	0	0	0	0	0	1	0	2	6	17	34	11	5	0	0	0	76
	12:15	0	0	0	0	0	0	0	2	5	17	44	7	2	1	0	0	78

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	1	0	3	23	32	11	1	0	0	0	71
Wed	12:45	0	0	0	0	0	0	1	0	7	32	32	12	1	0	0	0	85
	13:00	0	0	0	0	0	0	1	1	9	17	35	7	4	0	0	0	74
	13:15	0	0	0	0	0	0	1	1	5	22	32	15	0	1	0	0	77
	13:30	0	0	0	0	0	0	0	0	7	22	39	7	2	0	0	0	77
	13:45	0	0	0	0	0	0	0	0	8	27	28	5	1	0	0	0	69
	14:00	0	0	0	0	0	0	1	1	5	25	37	13	3	0	0	0	85
	14:15	0	0	0	0	0	0	0	0	7	20	51	9	1	0	0	0	88
	14:30	0	0	0	0	0	0	1	0	8	25	29	6	3	0	0	0	72
	14:45	0	0	0	0	0	0	0	1	6	32	31	9	1	1	0	0	81
	15:00	0	0	0	0	0	0	0	0	10	18	46	5	0	1	0	0	80
	15:15	0	0	0	0	0	0	0	4	5	19	46	15	2	0	0	0	91
	15:30	0	0	0	0	0	0	0	4	6	33	36	9	1	0	0	0	89
	15:45	1	0	0	0	0	0	0	2	12	29	37	5	1	0	0	0	87
	16:00	0	0	0	0	0	0	0	4	17	23	27	7	1	0	0	0	79
	16:15	0	0	0	0	0	1	0	1	6	26	38	12	2	1	0	0	87
	16:30	0	0	0	0	0	0	1	4	7	30	36	16	0	1	0	0	95
	16:45	0	0	0	0	0	0	1	0	7	26	36	6	1	0	0	0	77
	17:00	0	0	0	0	0	0	0	4	15	31	27	5	1	1	0	0	84
	17:15	0	0	0	0	0	0	0	0	8	35	42	9	4	1	0	0	99
	17:30	0	0	0	0	0	0	0	1	12	25	43	12	1	0	0	0	94
	17:45	0	0	0	0	0	0	0	1	8	28	33	9	2	0	0	0	81
	18:00	0	0	0	0	0	0	1	2	6	35	32	3	1	0	0	0	80
	18:15	0	0	0	0	0	0	0	2	12	30	37	5	0	0	0	0	86
	18:30	0	0	0	0	0	0	0	2	4	20	27	5	0	0	0	0	58
	18:45	0	0	0	0	0	0	1	1	6	17	31	17	4	0	0	0	77
	19:00	1	0	0	0	0	0	0	0	4	9	23	9	1	0	0	0	47
	19:15	0	0	0	0	0	0	0	3	8	13	16	9	0	0	0	0	49
	19:30	0	0	0	0	0	0	0	1	4	7	18	3	0	0	0	0	33
	19:45	0	0	0	0	0	0	0	2	8	19	14	1	0	0	0	0	44
	20:00	0	0	0	0	0	0	0	3	8	10	7	1	1	0	0	0	30
	20:15	0	0	0	0	0	0	2	2	7	16	11	0	0	0	0	0	38
	20:30	0	0	0	0	0	1	0	2	4	14	8	1	1	0	0	0	31
	20:45	0	0	0	0	1	3	2	4	6	11	8	1	0	0	0	0	36
	21:00	0	0	0	0	0	0	0	4	2	12	11	2	0	0	0	0	31
	21:15	0	0	0	0	0	0	0	2	3	11	13	0	2	2	0	0	33
	21:30	0	0	0	0	0	0	0	6	8	2	6	2	0	0	0	0	24
	21:45	0	0	0	0	0	0	2	2	7	6	3	2	2	0	0	0	24
	22:00	0	0	0	0	0	0	2	3	2	6	7	0	0	0	0	0	20
	22:15	0	0	0	0	0	0	0	2	2	5	3	2	0	0	0	0	14
	22:30	0	0	0	0	0	0	1	1	2	4	5	0	2	0	0	0	15
	22:45	0	0	0	0	0	0	2	1	2	8	4	1	0	0	0	0	18
	23:00	0	0	0	0	0	0	1	2	4	3	4	0	0	0	0	0	14
	23:15	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	23:30	0	0	0	0	0	0	0	0	4	4	6	1	0	0	0	0	15
	23:45	0	0	1	0	1	0	1	2	5	3	4	0	0	0	0	0	17

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		2	0	1	0	2	9	36	128	441	1421	2210	611	98	24	1	0	4984
Percent :		0%	0%	0%	0%	0%	0%	1%	3%	9%	29%	44%	12%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	1	5	15	23	6	1	0	0	0	49

Speeds - Average: 65.4 50% : 66.1 67% : 68.0 85% : 70.0 10mph Pace: 60.1 - 70.0 (72.9%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	3	2	2	0	1	0	0	0	8
Thu	00:15	0	0	0	0	0	1	0	0	2	2	4	0	0	0	0	0	9
	00:30	0	0	0	0	0	0	0	1	0	3	1	1	1	0	0	0	7
	00:45	0	0	0	0	0	0	1	0	1	0	4	1	0	0	0	0	7
	01:00	0	0	0	0	0	0	1	0	3	1	0	0	0	0	0	0	5
	01:15	0	0	0	0	0	0	0	0	0	1	3	1	0	1	0	0	6
	01:30	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	5
	01:45	0	0	0	0	0	0	0	0	1	2	3	1	0	0	0	0	7
	02:00	0	0	0	1	0	0	0	0	1	1	3	1	0	0	0	0	7
	02:15	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	3
	02:30	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
	02:45	0	0	0	0	0	0	0	1	2	2	1	2	1	0	0	0	9
	03:00	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	6
	03:15	0	0	0	0	0	0	0	2	0	1	2	0	0	0	0	0	5
	03:30	0	0	0	0	1	0	0	2	3	2	1	0	0	0	0	0	9
	03:45	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	6
	04:00	0	0	0	0	0	0	0	0	3	0	4	0	0	0	0	0	7
	04:15	0	0	0	0	0	0	0	2	0	6	8	1	0	0	0	0	17
	04:30	0	0	0	0	0	0	1	1	1	1	2	0	0	0	0	0	6
	04:45	0	0	0	0	0	0	1	2	3	10	3	1	0	1	0	0	21
	05:00	0	0	0	0	0	0	0	0	4	4	4	0	0	0	0	0	12
	05:15	0	0	0	0	0	0	2	2	3	2	13	3	0	0	0	0	25
	05:30	0	0	0	0	0	0	1	0	5	8	9	6	0	2	0	0	31
	05:45	0	0	0	0	0	0	1	0	2	7	5	2	1	0	0	0	18
	06:00	0	0	0	0	0	0	0	1	10	10	7	3	1	0	0	0	32
	06:15	0	0	0	0	0	0	1	2	7	29	15	3	0	1	0	0	58
	06:30	0	0	0	0	0	0	0	1	6	25	28	12	1	0	0	0	73
	06:45	0	0	0	0	0	0	0	0	5	21	37	15	2	0	0	0	80
	07:00	0	0	0	0	0	0	0	1	3	18	44	12	1	0	0	0	79
	07:15	0	0	0	0	0	0	0	0	13	40	39	10	0	0	0	0	102
	07:30	0	0	0	0	0	0	1	1	7	37	66	11	1	0	0	0	124
Daily Total :		0	0	0	1	1	1	10	19	89	240	318	91	10	6	0	0	786
Percent :		0%	0%	0%	0%	0%	0%	1%	2%	11%	31%	40%	12%	1%	1%	0%	0%	
Average :		0	0	0	0	0	0	0	1	3	8	10	3	0	0	0	0	51

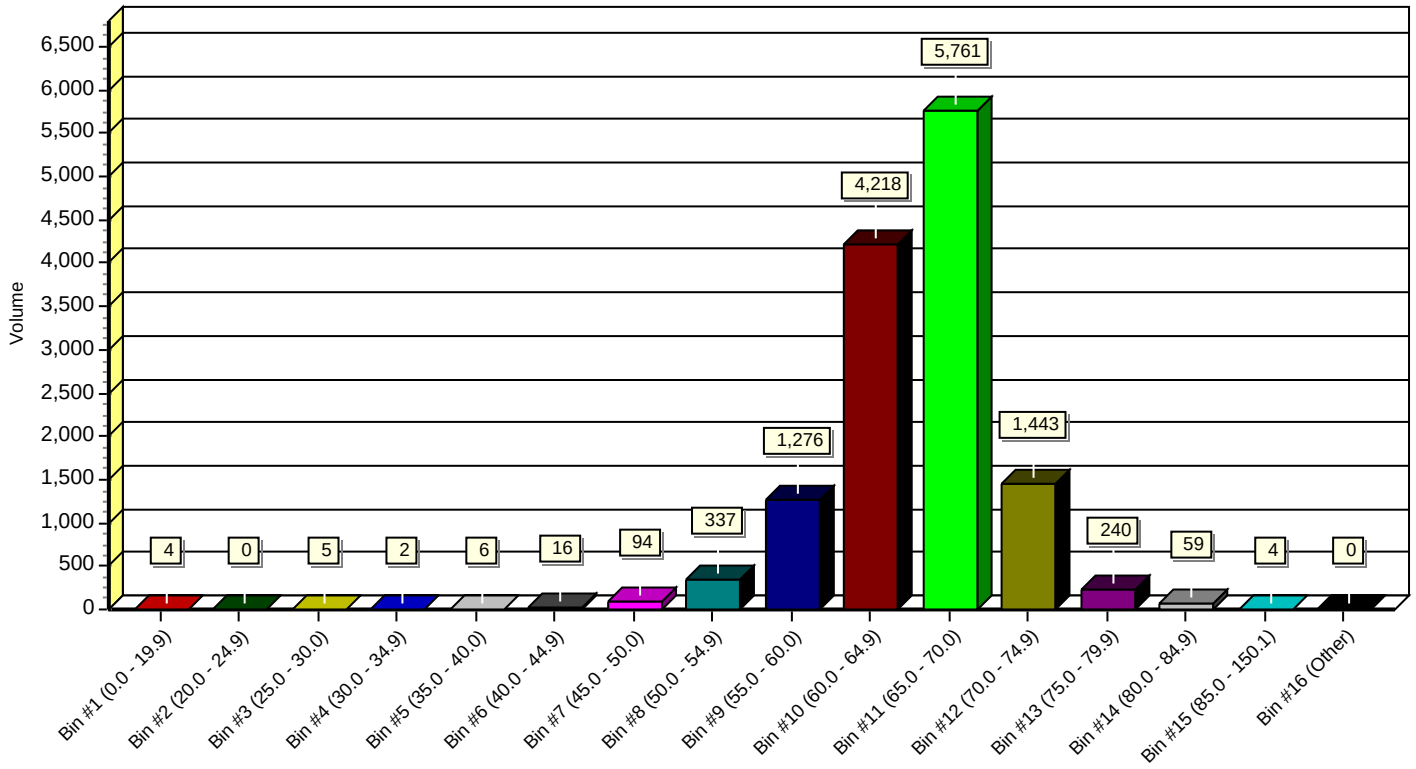
Speeds - Average: 64.9 50% : 65.6 67% : 67.6 85% : 69.8 10mph Pace: 60.1 - 70.0 (71.0%)

Basic Speed Class Summary: 4D0000756

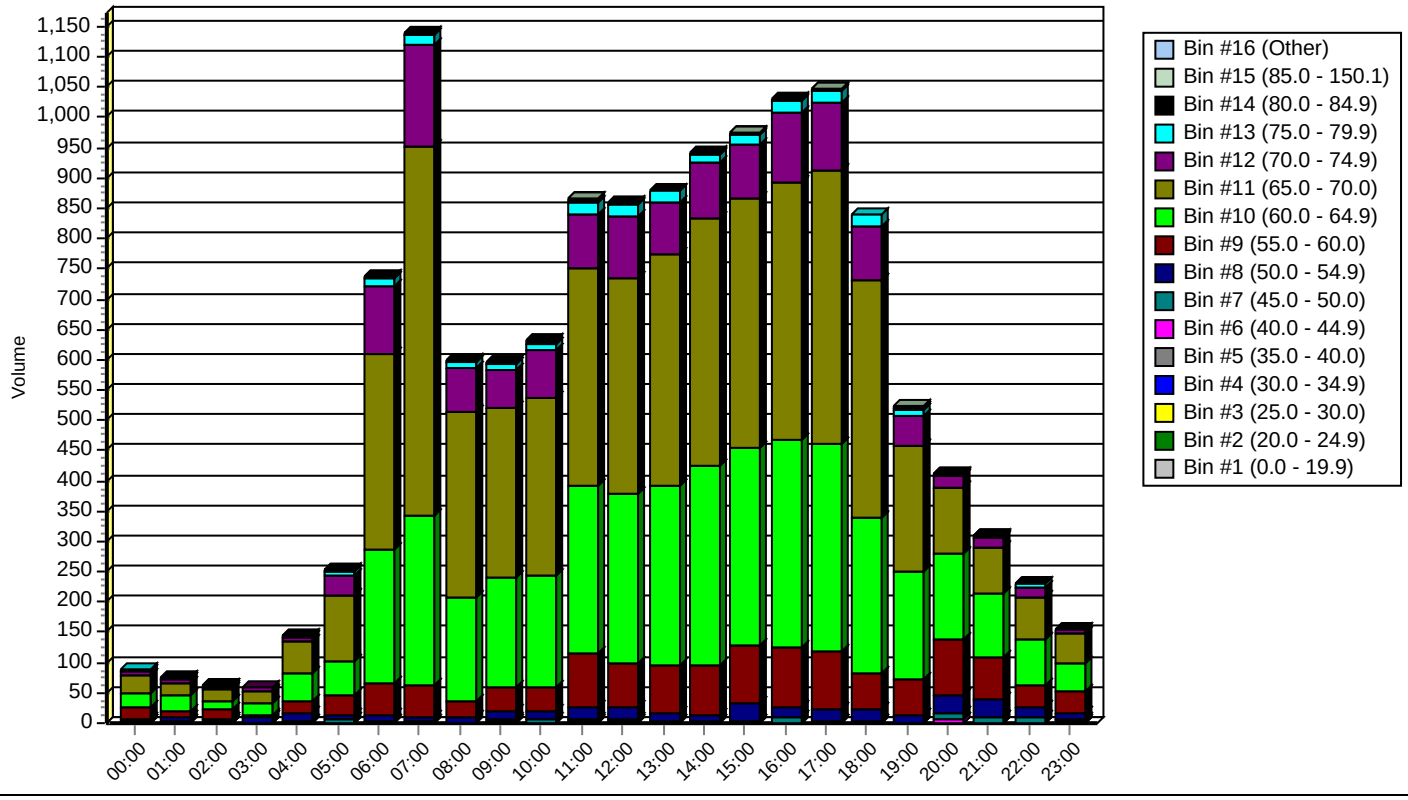
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	4	0	5	2	6	16	94	337	1276	4218	5761	1443	240	59	4	0	13465
		4	0	5	2	6	16	94	337	1276	4218	5761	1443	240	59	4	0	13465
Percents :	#1.	0%	0%	0%	0%	0%	0%	1%	3%	9%	31%	43%	11%	2%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	1%	3%	9%	31%	43%	11%	2%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	1	5	15	21	5	1	0	0	0	48
		0	0	0	0	0	0	0	1	5	15	21	5	1	0	0	0	48
Days & ADT :	#1.	2.8	4700															
		2.8	4700															
Avg,50,67,85%:	#1.	65.1	65.7	67.7	69.8	60.1	- 70.0	74%										
		65.1	65.7	67.7	69.8	60.1	- 70.0	74%										

4D0000756 Speed Class Charts For Data From: 11:00 - 04/11/2011 To: 07:59 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0000756

Station ID : 4P0000756
Info Line 1 : 90994550
Info Line 2 : I-90 JOHN INTC
GPS Lat/Lon :
DB File : 4P0000756.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 91386
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		W BOUND PASS LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 11:00 - 04/11/2011 To: 07:59 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	11:00	1	16	6	0	0	0	0	0	3	0	0	0	1	0	27
Mon	11:15	0	12	5	0	0	0	0	0	1	0	0	0	0	0	18
	11:30	0	14	2	0	0	0	0	0	0	0	0	0	0	0	16
	11:45	0	11	4	0	0	0	0	0	1	0	0	0	0	0	16
	12:00	0	9	6	0	0	0	0	0	0	0	0	0	0	0	15
	12:15	0	7	4	0	0	1	0	0	0	0	0	0	0	0	12
	12:30	0	10	5	0	0	0	0	0	0	0	0	0	0	0	15
	12:45	0	9	6	0	0	0	0	0	0	0	0	0	0	0	15
	13:00	0	12	6	0	0	0	0	0	0	0	0	0	0	0	18
	13:15	1	6	5	0	1	0	0	0	1	0	0	0	0	0	14
	13:30	0	8	2	0	0	0	0	0	4	0	0	0	1	0	15
	13:45	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
	14:00	0	8	1	1	0	0	0	0	0	0	0	0	0	0	10
	14:15	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	14:30	1	10	4	0	0	0	0	0	0	0	0	0	0	0	15
	14:45	1	9	5	1	0	1	0	0	0	0	0	0	1	0	18
	15:00	0	8	2	0	0	0	0	0	1	0	0	0	0	0	11
	15:15	0	7	3	0	0	0	0	2	2	0	0	0	0	0	14
	15:30	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	15:45	0	6	5	0	0	0	0	0	0	0	1	0	0	0	12
	16:00	0	6	8	0	0	1	0	0	0	0	0	0	1	0	16
	16:15	2	11	5	0	0	0	0	0	0	0	0	0	0	0	18
	16:30	0	21	12	0	0	0	0	0	2	0	0	0	0	0	35
	16:45	0	17	4	0	0	0	0	0	1	1	0	0	0	0	23
	17:00	0	11	9	0	0	0	0	0	1	0	0	0	0	0	21
	17:15	0	19	10	0	0	0	0	0	0	0	0	0	0	0	29
	17:30	0	11	5	0	0	0	0	0	1	0	0	0	0	1	18
	17:45	0	7	7	0	0	0	0	0	0	0	0	0	0	0	14
	18:00	0	7	3	0	0	0	0	0	2	0	0	0	0	0	12
	18:15	0	8	6	0	0	0	0	0	0	0	0	0	0	0	14
	18:30	0	7	3	0	0	0	0	0	1	0	0	0	0	0	11
	18:45	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	19:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	19:15	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	19:30	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6
Mon	19:45	0	1	1	0	0	0	0	0	1	1	0	0	0	0	4
	20:00	0	1	1	0	0	0	0	0	1	1	0	0	0	0	4
	20:15	0	4	1	0	0	0	0	1	0	0	0	0	0	0	6
	20:30	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	20:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	21:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	21:45	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4
	22:00	0	2	1	0	0	0	0	0	1	0	0	0	0	0	4
	22:15	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		6	350	176	2	1	3	0	3	26	3	1	0	4	1	576
	Percent :	1%	61%	31%	0%	0%	1%	0%	1%	5%	1%	0%	0%	1%	0%	
	Average :	0	7	3	0	0	0	0	0	1	0	0	0	0	0	11

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	05:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	06:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	06:15	0	7	1	0	0	0	0	0	1	0	0	0	0	0	9
	06:30	0	16	4	0	0	0	0	0	0	0	0	0	0	0	20
	06:45	0	12	5	0	0	0	0	0	0	0	0	0	0	0	17
	07:00	0	22	5	0	0	0	0	0	0	0	0	0	0	0	27
	07:15	0	27	13	0	0	0	0	0	0	0	0	0	0	0	40
	07:30	0	40	24	0	0	0	0	0	1	0	0	0	0	0	65
	07:45	0	39	15	0	0	0	0	0	0	0	0	0	0	0	54
	08:00	0	19	3	0	0	0	0	0	0	0	0	0	0	0	22
	08:15	0	11	7	0	0	0	0	0	0	0	0	0	0	0	18
	08:30	0	15	5	0	0	0	0	0	1	0	0	0	0	0	21
	08:45	1	10	3	0	0	0	0	0	0	0	0	0	0	0	14
	09:00	0	10	9	0	0	0	0	0	2	0	0	0	0	0	21
	09:15	0	11	4	0	0	0	0	0	0	0	0	0	1	0	16
	09:30	0	11	2	0	0	0	0	0	0	1	0	0	0	0	14
	09:45	0	14	5	0	0	0	0	0	1	0	0	0	0	0	20
	10:00	0	6	4	0	0	0	0	0	0	0	0	0	0	1	11
	10:15	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	10:30	0	10	6	0	0	1	0	0	1	0	0	0	0	0	18
	10:45	0	8	9	0	1	0	0	0	2	0	0	0	0	0	20
	11:00	0	4	6	0	0	0	0	0	1	0	0	0	0	0	11
	11:15	0	3	3	0	0	1	0	0	1	0	0	0	0	0	8
	11:30	0	8	4	0	0	0	0	0	1	0	0	0	1	0	14
	11:45	0	9	8	0	0	0	0	0	0	0	0	0	0	0	17
	12:00	0	6	3	1	0	0	0	0	1	0	0	0	0	0	11
	12:15	0	6	2	0	0	0	0	0	1	0	0	0	0	0	9

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	13	3	0	0	0	0	0	0	0	0	0	0	0	16
Tue	12:45	0	7	3	0	0	0	0	0	1	0	0	0	0	0	11
	13:00	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	13:15	0	16	2	0	0	1	0	0	1	0	0	0	0	0	20
	13:30	0	7	2	0	0	0	0	0	2	0	0	0	0	0	11
	13:45	0	11	7	0	0	0	0	0	1	0	0	0	0	0	19
	14:00	1	15	2	0	0	0	0	0	0	0	0	0	0	0	18
	14:15	0	7	3	1	0	0	0	0	0	0	0	0	0	0	11
	14:30	0	9	8	1	0	0	0	1	2	0	0	0	0	0	21
	14:45	0	14	5	0	0	0	0	0	1	0	0	0	0	0	20
	15:00	0	10	9	0	0	0	0	0	0	0	0	0	0	0	19
	15:15	0	11	9	0	0	0	0	0	2	0	0	0	1	0	23
	15:30	0	10	8	0	0	0	0	0	1	0	0	0	0	0	19
	15:45	0	11	11	0	0	1	0	0	2	0	0	0	0	0	25
	16:00	0	12	7	0	0	0	0	0	0	0	0	0	0	0	19
	16:15	1	13	7	1	0	0	0	0	1	0	0	0	0	0	23
	16:30	0	16	8	0	0	0	0	0	1	0	0	0	0	0	25
	16:45	0	8	3	0	0	0	0	0	1	0	0	0	0	0	12
	17:00	0	17	10	0	0	0	0	0	0	0	0	0	0	1	28
	17:15	0	20	7	0	1	0	0	0	0	0	0	0	0	1	29
	17:30	0	10	13	1	0	0	0	1	0	0	0	0	0	0	25
	17:45	1	10	4	0	0	0	0	0	2	0	0	0	0	0	17
	18:00	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
	18:15	0	6	6	0	0	0	0	0	0	0	0	0	0	0	12
	18:30	0	6	2	0	0	0	0	0	0	1	0	0	1	0	10
	18:45	0	8	3	0	0	0	0	0	0	0	0	0	0	0	11
	19:00	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	19:15	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	19:30	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	19:45	0	4	4	0	0	0	0	0	2	0	0	0	0	0	10
	20:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
	20:15	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
	20:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	20:45	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	21:00	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
	21:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	21:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	22:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Daily Total :		4	659	336	5	2	4	0	2	36	2	0	0	5	3	1058
Percent :		0%	62%	32%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	
Average :		0	7	4	0	0	0	0	0	0	0	0	0	0	0	11

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	00:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	2	1	1	0	0	0	0	0	0	0	0	0	0	4
	05:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	06:00	0	3	0	0	0	0	0	0	0	0	0	0	1	0	4
	06:15	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
	06:30	1	15	9	0	0	1	0	0	0	0	0	0	0	0	26
	06:45	0	16	11	0	0	0	0	0	0	0	0	0	0	0	27
	07:00	0	22	8	0	0	0	0	0	0	0	0	0	0	0	30
	07:15	0	24	6	0	0	0	0	0	0	0	0	0	0	0	30
	07:30	0	42	11	0	0	0	0	0	0	0	0	0	0	0	53
	07:45	0	32	7	0	0	0	0	0	0	0	0	0	0	0	39
	08:00	0	16	7	0	0	0	0	0	0	0	0	0	0	0	23
	08:15	0	11	6	0	0	0	0	0	0	0	0	0	0	0	17
	08:30	0	9	8	0	0	0	0	0	0	0	0	0	0	1	18
	08:45	1	10	5	0	1	0	0	0	0	0	0	0	0	0	17
	09:00	0	9	11	0	0	0	0	0	1	0	0	0	1	0	22
	09:15	0	14	3	0	0	0	0	0	1	0	0	0	0	0	18
	09:30	0	13	8	0	0	0	0	0	1	0	0	0	0	0	22
	09:45	0	9	7	0	0	0	0	0	1	0	0	0	0	0	17
	10:00	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
	10:15	0	10	9	0	0	0	0	0	1	0	0	0	0	0	20
	10:30	0	4	3	0	0	0	0	0	2	0	0	0	0	0	9
	10:45	0	15	7	0	0	1	0	0	1	0	0	0	0	0	24
	11:00	0	14	5	0	0	0	0	0	0	0	0	0	0	0	19
	11:15	0	7	6	0	0	0	0	0	3	0	0	0	0	0	16
	11:30	0	11	9	0	0	0	0	0	0	0	0	0	0	0	20
	11:45	0	9	3	0	0	0	0	0	0	0	0	0	0	0	12
	12:00	0	11	7	0	0	0	0	0	2	0	0	0	0	0	20
	12:15	0	8	3	1	0	0	0	0	1	0	0	0	0	0	13

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8
Wed	12:45	0	9	8	0	0	0	0	0	0	0	0	0	1	0	18
	13:00	0	6	8	0	0	0	0	0	1	0	0	0	0	0	15
	13:15	0	9	2	0	0	0	0	0	0	0	0	0	1	0	12
	13:30	0	4	3	0	0	0	0	0	1	1	0	0	0	0	9
	13:45	0	6	4	0	0	1	0	0	1	0	0	0	0	0	12
	14:00	0	4	4	1	0	0	0	0	1	0	0	0	0	0	10
	14:15	0	6	6	0	0	0	0	0	0	0	0	0	0	0	12
	14:30	0	9	4	0	0	0	0	0	0	0	0	0	0	0	13
	14:45	1	8	6	0	0	1	0	0	0	0	0	0	0	0	16
	15:00	0	8	6	0	0	0	0	0	0	0	0	0	1	0	15
	15:15	0	11	8	0	0	0	0	0	2	0	0	1	0	0	22
	15:30	0	14	8	0	0	0	0	0	1	0	0	0	0	0	23
	15:45	0	14	8	0	0	1	0	0	0	1	0	0	0	0	24
	16:00	0	10	10	0	0	1	0	0	0	0	0	0	0	0	21
	16:15	0	16	8	0	0	0	0	0	0	0	0	0	0	0	24
	16:30	0	10	7	0	1	0	0	0	3	0	0	0	1	1	23
	16:45	0	12	5	0	0	0	0	0	0	2	0	0	0	0	19
	17:00	0	17	15	0	0	1	0	0	1	1	0	0	0	1	36
	17:15	0	12	5	1	0	1	0	0	0	0	0	0	2	0	21
	17:30	0	13	8	0	0	0	0	0	1	0	0	0	0	0	22
	17:45	0	7	8	0	0	0	0	0	0	0	0	0	0	0	15
	18:00	0	6	6	0	0	1	0	0	0	0	1	0	0	0	14
	18:15	0	10	6	0	0	0	0	0	2	0	0	0	0	0	18
	18:30	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	18:45	0	4	5	0	0	0	0	0	0	0	0	0	0	0	9
	19:00	0	4	2	0	0	0	0	0	0	1	0	0	0	0	7
	19:15	0	7	3	0	0	0	0	0	1	0	0	0	0	0	11
	19:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	19:45	0	4	1	0	0	0	0	0	0	0	0	0	2	0	7
	20:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	20:15	0	3	1	0	0	0	0	0	1	0	0	0	1	0	6
	20:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	20:45	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
	21:00	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
	21:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:30	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	21:45	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	22:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	22:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Daily Total :		3	645	356	4	2	9	0	0	33	6	1	1	11	3	1074
Percent :		0%	60%	33%	0%	0%	1%	0%	0%	3%	1%	0%	0%	1%	0%	
Average :		0	7	4	0	0	0	0	0	0	0	0	0	0	0	11

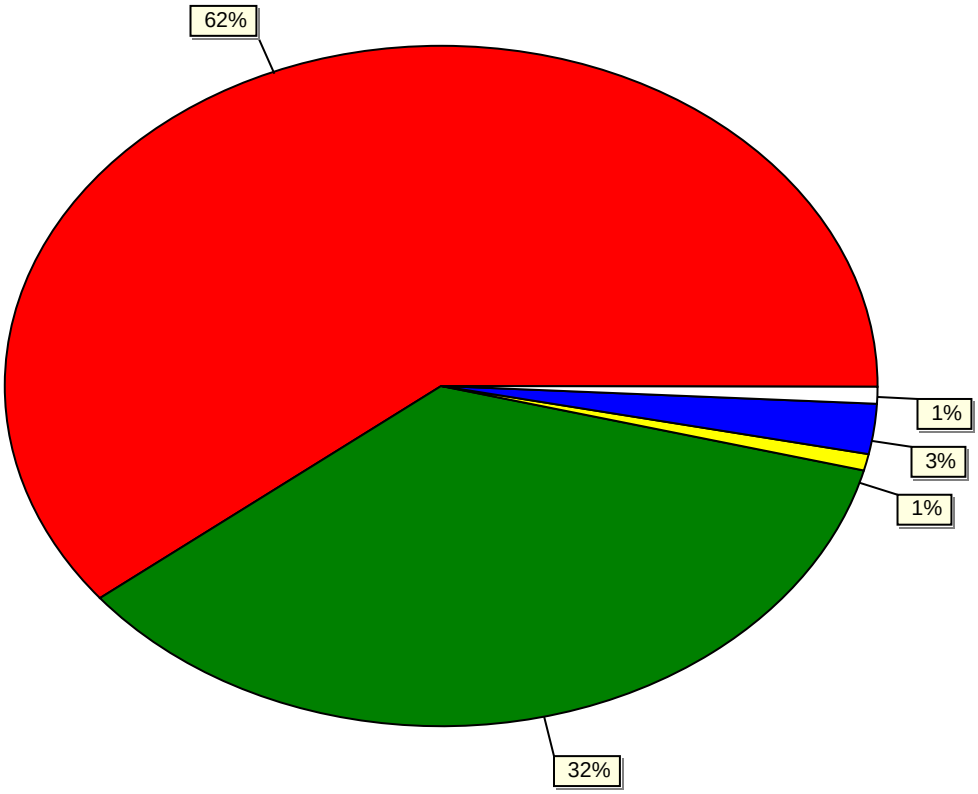
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Thu	00:15	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	2	1	0	0	0	0	0	2	0	0	0	0	0	5
	05:30	0	2	2	0	0	0	0	0	1	0	0	0	0	0	5
	05:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	06:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	06:15	0	15	2	0	0	0	0	0	0	0	0	0	1	0	18
	06:30	0	16	9	0	0	0	0	0	1	0	0	0	0	0	26
	06:45	0	13	10	0	0	0	0	0	0	0	0	0	0	0	23
	07:00	0	17	3	0	0	0	0	0	0	0	0	0	0	0	20
	07:15	0	24	8	0	0	0	0	0	0	0	0	0	0	0	32
	07:30	0	41	11	0	0	0	0	0	1	0	0	0	0	0	53
Daily Total :		0	138	51	0	0	0	0	0	6	0	0	0	1	0	196
	Percent :	0%	70%	26%	0%	0%	0%	0%	0%	3%	0%	0%	0%	1%	0%	
	Average :	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6

Basic Axle Class Summary: 4P0000756

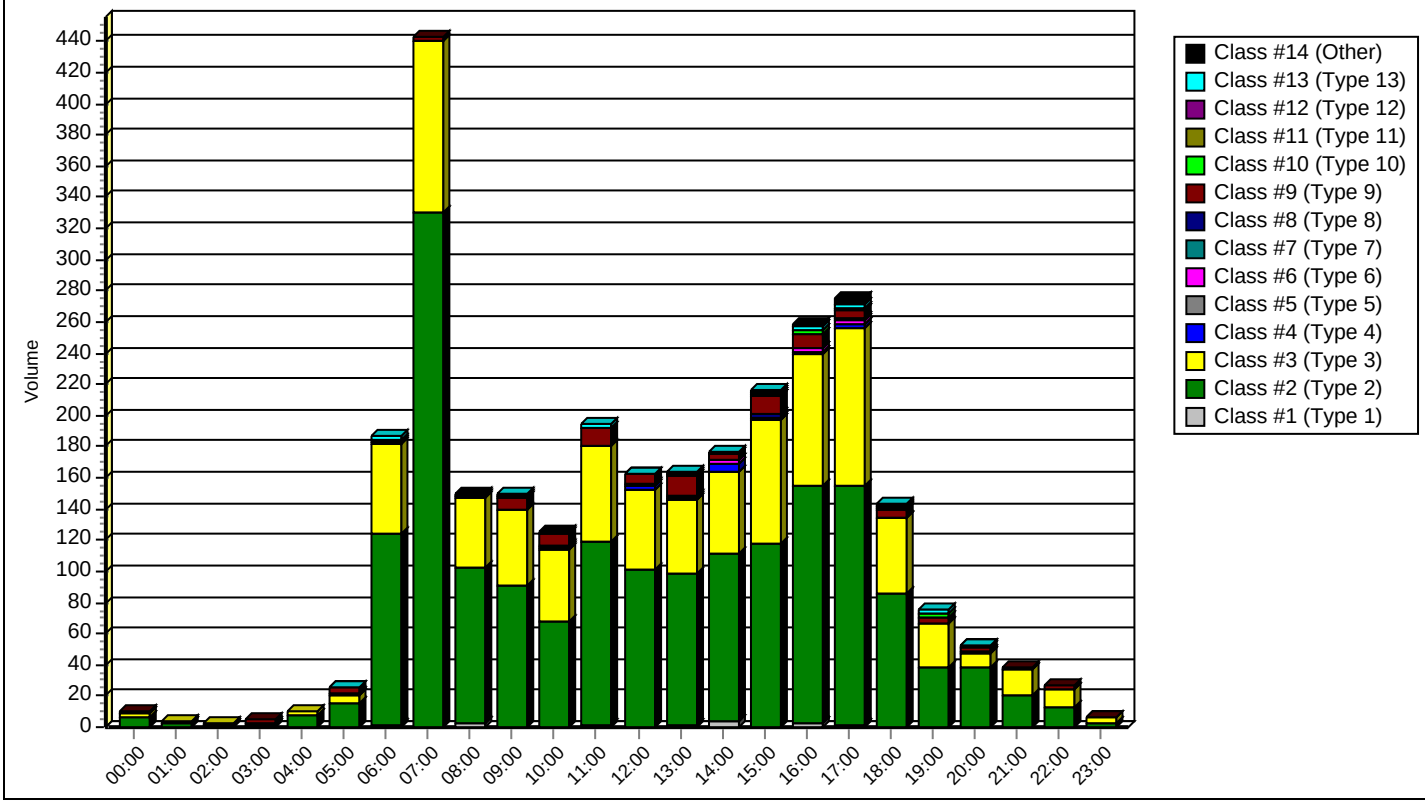
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	13	1792	919	11	5	16	0	5	101	11	2	1	21	7	2904
		13	1792	919	11	5	16	0	5	101	11	2	1	21	7	2904
Percents :	#1.	0%	62%	32%	0%	0%	1%	0%	0%	3%	0%	0%	0%	1%	0%	100%
		0%	62%	32%	0%	0%	1%	0%	0%	3%	0%	0%	0%	1%	0%	
Average :	#1.	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
		0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
Days & ADT :	#1.	2.8	1013													
		2.8	1013													

4P0000756 Axle Class Charts For Data From: 11:00 - 04/11/2011 To: 07:59 - 04/14/2011

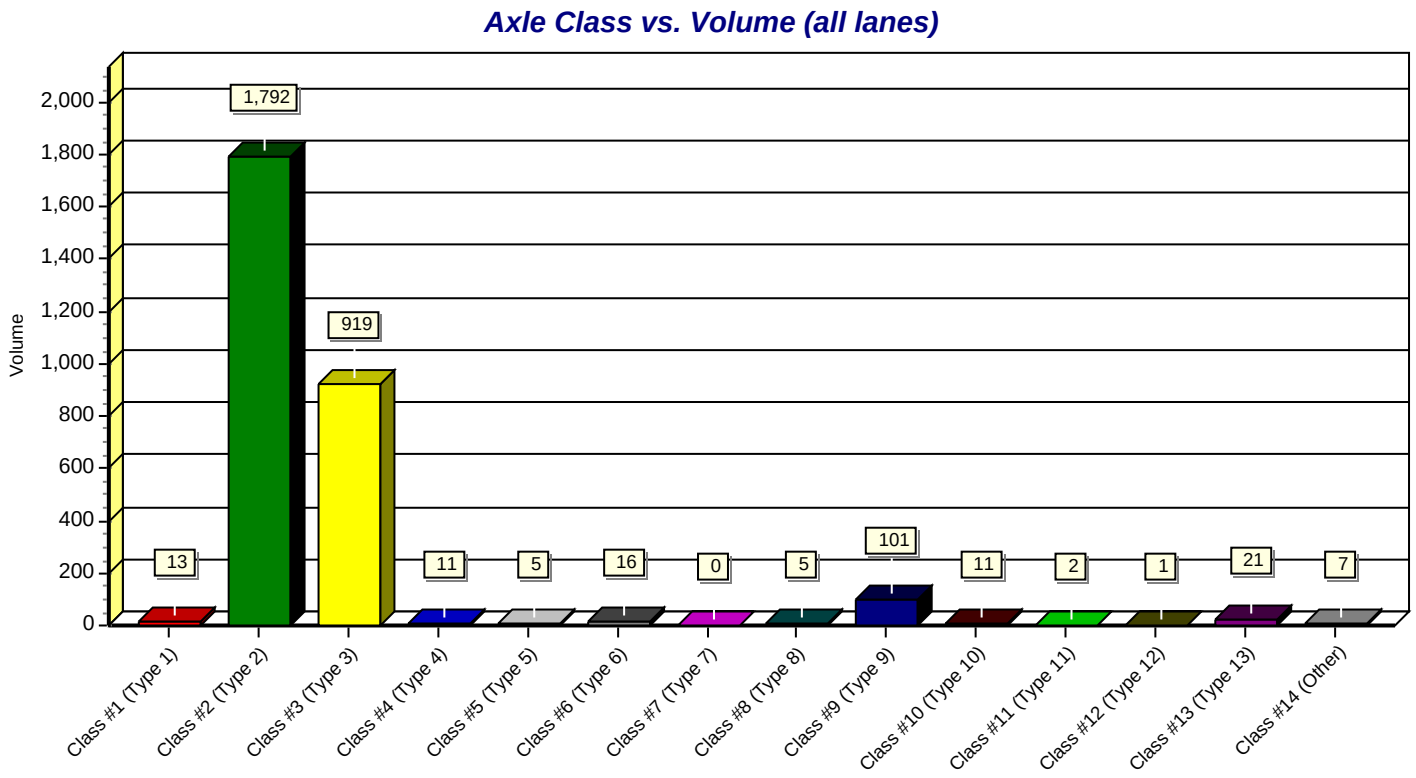
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0000756 Axle Class Charts For Data From: 11:00 - 04/11/2011 To: 07:59 - 04/14/2011



Basic Speed Classification Report: 4P0000756

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		W BOUND PASS LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 11:00 - 04/11/2011 To: 07:59 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	11:00	0	0	0	0	0	0	0	3	5	12	7	0	0	0	0	0	27
Mon	11:15	0	0	0	0	0	0	0	1	0	8	7	0	2	0	0	0	18
	11:30	0	0	0	0	0	0	0	0	1	3	9	3	0	0	0	0	16
	11:45	0	0	0	0	0	0	0	0	2	7	5	1	1	0	0	0	16
	12:00	0	0	0	0	0	0	0	0	0	4	8	1	2	0	0	0	15
	12:15	0	0	0	0	0	0	0	0	0	2	5	3	2	0	0	0	12
	12:30	0	0	0	0	0	0	0	0	0	4	6	4	1	0	0	0	15
	12:45	0	0	0	0	1	0	0	0	1	6	5	2	0	0	0	0	15
	13:00	0	0	0	0	0	0	0	0	0	4	10	4	0	0	0	0	18
	13:15	0	0	0	0	0	0	0	0	0	5	6	3	0	0	0	0	14
	13:30	0	0	0	0	0	0	0	0	1	9	4	1	0	0	0	0	15
	13:45	0	0	0	0	0	0	0	0	0	4	8	1	0	0	0	0	13
	14:00	0	0	0	0	0	0	0	0	1	4	4	1	0	0	0	0	10
	14:15	0	0	0	0	0	0	0	0	0	6	5	2	0	0	0	0	13
	14:30	0	0	0	0	0	0	0	0	1	8	5	1	0	0	0	0	15
	14:45	0	0	0	0	0	0	0	0	0	9	7	2	0	0	0	0	18
	15:00	0	0	0	0	0	0	0	0	0	3	5	2	1	0	0	0	11
	15:15	0	0	0	0	0	0	0	0	3	4	7	0	0	0	0	0	14
	15:30	0	0	0	0	0	0	0	0	0	6	4	0	0	0	0	0	10
	15:45	0	0	0	0	0	0	0	0	1	7	4	0	0	0	0	0	12
	16:00	0	0	0	0	0	0	0	0	0	7	6	2	0	1	0	0	16
	16:15	0	0	0	0	0	0	0	0	0	11	6	1	0	0	0	0	18
	16:30	0	0	0	0	0	0	0	0	2	11	18	4	0	0	0	0	35
	16:45	0	0	0	0	0	0	0	0	1	10	10	2	0	0	0	0	23
	17:00	0	0	0	0	0	0	0	0	1	6	13	0	1	0	0	0	21
	17:15	0	0	0	0	0	0	0	0	3	8	11	6	1	0	0	0	29
	17:30	0	0	0	0	0	0	0	0	2	7	8	1	0	0	0	0	18
	17:45	0	0	0	0	0	0	0	0	1	6	3	2	1	1	0	0	14
	18:00	0	0	0	0	0	0	0	0	0	5	5	2	0	0	0	0	12
	18:15	0	0	0	0	0	0	0	0	0	3	10	1	0	0	0	0	14
	18:30	0	0	0	0	0	0	0	0	0	2	6	0	2	1	0	0	11
	18:45	0	0	0	0	0	0	0	0	0	1	6	3	0	0	0	0	10
	19:00	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	4
	19:15	0	0	0	0	0	0	0	0	0	2	3	0	1	0	0	0	6
	19:30	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	6
	19:45	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
	20:00	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	4
	20:15	0	0	0	0	0	0	0	1	0	0	4	1	0	0	0	0	6
	20:30	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	20:45	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	21:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Mon	21:15	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	21:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	21:45	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	4
	22:30	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	22:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Total :		0	0	0	0	1	0	0	5	31	210	250	59	17	3	0	0	576
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	5%	36%	43%	10%	3%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	1	4	5	1	0	0	0	0	10

Speeds - Average: 65.8 50% : 65.9 67% : 67.7 85% : 69.9 10mph Pace: 60.1 - 70.0 (79.9%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	05:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	06:00	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
	06:15	0	0	0	0	0	0	0	0	0	2	3	4	0	0	0	0	9
	06:30	0	0	0	0	0	0	0	0	0	2	10	6	2	0	0	0	20
	06:45	0	0	0	0	0	0	0	0	0	3	8	5	1	0	0	0	17
	07:00	0	0	0	0	0	0	0	0	0	2	20	5	0	0	0	0	27
	07:15	0	0	0	0	0	0	0	0	0	6	32	2	0	0	0	0	40
	07:30	0	0	0	0	0	0	0	0	1	10	45	9	0	0	0	0	65
	07:45	0	0	0	0	0	0	0	0	0	13	31	10	0	0	0	0	54
	08:00	0	0	0	0	0	0	0	0	0	7	9	6	0	0	0	0	22
	08:15	0	0	0	0	0	0	0	0	0	2	12	4	0	0	0	0	18
	08:30	0	0	0	0	0	0	0	0	0	9	11	1	0	0	0	0	21
	08:45	1	0	0	0	0	0	0	0	0	5	4	3	0	1	0	0	14
	09:00	0	0	0	0	0	0	0	1	5	11	3	1	0	0	0	0	21
	09:15	0	0	0	0	0	0	0	0	0	4	9	3	0	0	0	0	16
	09:30	0	0	0	0	0	0	0	0	2	3	4	4	1	0	0	0	14
	09:45	0	0	0	0	0	0	0	0	2	7	11	0	0	0	0	0	20
	10:00	0	0	0	0	0	0	0	0	1	1	8	1	0	0	0	0	11
	10:15	0	0	0	0	0	0	0	0	0	5	4	2	0	0	0	0	11
	10:30	0	0	0	0	0	0	0	0	1	6	10	1	0	0	0	0	18
	10:45	0	0	0	0	0	0	0	0	0	4	12	3	1	0	0	0	20
	11:00	0	0	0	0	0	0	0	0	0	4	6	1	0	0	0	0	11
	11:15	0	0	0	0	0	0	0	0	0	4	2	1	1	0	0	0	8
	11:30	0	0	0	0	0	0	0	0	1	3	8	2	0	0	0	0	14
	11:45	0	0	0	0	0	0	0	0	0	6	5	3	3	0	0	0	17
	12:00	0	0	0	0	0	0	0	0	0	2	5	4	0	0	0	0	11
	12:15	0	0	0	0	0	0	0	0	0	1	6	0	2	0	0	0	9

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	0	5	9	2	0	0	0	0	16
Tue	12:45	0	0	0	0	0	0	0	0	0	4	4	2	1	0	0	0	11
	13:00	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	6
	13:15	0	0	0	0	0	0	0	0	0	8	9	1	2	0	0	0	20
	13:30	0	0	0	0	0	0	0	0	1	4	6	0	0	0	0	0	11
	13:45	0	0	0	0	0	0	0	0	0	10	6	3	0	0	0	0	19
	14:00	0	0	0	0	0	0	0	0	3	2	5	5	2	0	1	0	18
	14:15	0	0	0	0	0	0	0	0	0	2	7	1	1	0	0	0	11
	14:30	0	0	0	0	0	0	0	0	1	9	6	4	1	0	0	0	21
	14:45	0	0	0	0	0	0	0	0	1	6	8	5	0	0	0	0	20
	15:00	0	0	0	0	0	0	0	0	0	9	9	1	0	0	0	0	19
	15:15	0	0	0	0	0	0	0	0	2	10	10	1	0	0	0	0	23
	15:30	0	0	0	0	0	0	0	0	1	3	11	4	0	0	0	0	19
	15:45	0	0	0	0	0	0	0	0	0	9	14	2	0	0	0	0	25
	16:00	0	0	0	0	0	0	0	0	0	6	9	3	1	0	0	0	19
	16:15	0	0	0	0	0	0	0	0	0	9	9	4	1	0	0	0	23
	16:30	0	0	0	0	0	0	0	0	0	8	14	3	0	0	0	0	25
	16:45	0	0	0	0	0	0	0	0	0	6	3	3	0	0	0	0	12
	17:00	1	0	0	0	0	0	0	0	2	5	12	6	2	0	0	0	28
	17:15	0	0	0	0	0	0	0	3	3	8	13	2	0	0	0	0	29
	17:30	0	0	0	0	0	0	0	0	2	9	8	6	0	0	0	0	25
	17:45	1	0	0	0	0	0	0	0	0	8	6	2	0	0	0	0	17
	18:00	0	0	0	0	0	0	0	0	0	3	5	0	1	0	0	0	9
	18:15	0	0	0	0	0	0	0	0	0	2	7	2	1	0	0	0	12
	18:30	0	0	0	0	0	0	0	0	0	2	6	2	0	0	0	0	10
	18:45	0	0	0	0	0	0	0	0	2	5	4	0	0	0	0	0	11
	19:00	0	0	0	0	0	0	0	0	0	4	0	1	1	0	0	0	6
	19:15	0	0	0	0	0	0	0	0	0	2	4	1	0	0	0	0	7
	19:30	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5
	19:45	0	0	0	0	0	0	0	0	3	5	2	0	0	0	0	0	10
	20:00	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	5
	20:15	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6
	20:30	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	20:45	0	0	0	0	0	0	0	0	1	2	0	2	0	0	1	0	6
	21:00	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	0	5
	21:15	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3
	21:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	21:45	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	22:00	0	0	0	1	0	0	0	0	1	0	1	0	1	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
	22:45	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	0	1	1	0	0	0	6	42	312	511	153	26	1	2	0	1058
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	29%	48%	14%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	3	5	2	0	0	0	0	11

Speeds - Average: 66.4 50% : 66.7 67% : 68.3 85% : 70.9 10mph Pace: 60.1 - 70.0 (77.8%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	00:30	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	1	0	2	1	0	0	0	0	0	4
	05:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	05:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	06:00	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
	06:15	0	0	0	0	0	0	0	0	0	4	7	2	0	0	0	0	13
	06:30	0	0	0	0	0	0	0	0	2	7	14	2	1	0	0	0	26
	06:45	0	0	0	0	0	0	0	0	0	6	17	4	0	0	0	0	27
	07:00	0	0	0	0	0	0	0	0	0	4	20	6	0	0	0	0	30
	07:15	0	0	0	0	0	0	0	0	0	7	20	3	0	0	0	0	30
	07:30	0	0	0	0	0	0	0	0	0	14	30	9	0	0	0	0	53
	07:45	0	0	0	0	0	0	0	0	0	8	25	6	0	0	0	0	39
	08:00	0	0	0	0	0	0	0	0	0	6	10	7	0	0	0	0	23
	08:15	0	0	0	0	0	0	0	0	0	2	10	5	0	0	0	0	17
	08:30	0	0	0	0	0	0	0	0	0	3	10	3	1	1	0	0	18
	08:45	0	0	0	0	0	0	0	0	1	3	10	1	2	0	0	0	17
	09:00	0	0	0	0	0	0	0	0	1	7	8	6	0	0	0	0	22
	09:15	0	0	0	0	0	0	0	0	0	5	8	3	2	0	0	0	18
	09:30	0	0	0	0	0	0	0	0	1	9	12	0	0	0	0	0	22
	09:45	0	0	0	0	0	0	0	0	0	4	8	4	1	0	0	0	17
	10:00	0	0	0	0	0	0	0	0	0	4	4	3	0	1	0	0	12
	10:15	0	0	0	0	0	0	0	0	0	6	10	4	0	0	0	0	20
	10:30	0	0	0	0	0	0	0	0	1	2	6	0	0	0	0	0	9
	10:45	0	0	0	0	0	0	0	0	1	6	13	4	0	0	0	0	24
	11:00	0	0	0	0	0	0	0	0	0	6	10	3	0	0	0	0	19
	11:15	0	0	0	0	0	0	0	1	3	5	3	1	2	0	1	0	16
	11:30	0	0	0	0	0	0	0	0	1	5	9	3	2	0	0	0	20
	11:45	0	0	0	0	0	0	0	0	0	1	10	0	1	0	0	0	12
	12:00	0	0	0	0	0	0	0	1	1	4	10	3	0	0	1	0	20
	12:15	0	0	0	0	0	0	0	0	0	5	6	2	0	0	0	0	13

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	2	4	2	0	0	0	0	8
Wed	12:45	0	0	0	0	0	0	0	0	1	4	10	2	1	0	0	0	18
	13:00	0	0	0	0	0	0	0	0	0	4	7	1	3	0	0	0	15
	13:15	0	0	0	0	0	0	0	0	0	5	4	3	0	0	0	0	12
	13:30	0	0	0	0	0	0	0	0	1	2	4	2	0	0	0	0	9
	13:45	0	0	0	0	0	0	0	0	0	3	7	2	0	0	0	0	12
	14:00	0	0	0	0	0	0	0	0	0	2	8	0	0	0	0	0	10
	14:15	0	0	0	0	0	0	0	0	0	4	5	3	0	0	0	0	12
	14:30	0	0	0	0	0	0	0	0	0	3	10	0	0	0	0	0	13
	14:45	1	0	0	0	0	0	0	0	1	3	1	10	0	0	0	0	16
	15:00	0	0	0	0	0	0	0	0	0	6	7	2	0	0	0	0	15
	15:15	0	0	0	0	0	0	0	0	2	6	11	2	1	0	0	0	22
	15:30	0	0	0	0	0	0	0	0	0	14	9	0	0	0	0	0	23
	15:45	0	0	0	0	0	0	0	0	0	9	14	1	0	0	0	0	24
	16:00	0	0	0	0	0	0	0	1	4	10	6	0	0	0	0	0	21
	16:15	0	0	0	0	0	0	0	0	1	7	9	5	2	0	0	0	24
	16:30	0	0	0	0	0	0	0	2	2	9	7	1	2	0	0	0	23
	16:45	0	0	0	0	0	0	0	1	1	6	10	0	1	0	0	0	19
	17:00	2	0	0	0	0	0	0	2	0	21	10	1	0	0	0	0	36
	17:15	0	0	0	0	0	0	0	0	0	8	12	1	0	0	0	0	21
	17:30	0	0	0	0	0	0	0	0	0	6	12	2	2	0	0	0	22
	17:45	0	0	0	0	0	0	0	0	3	5	7	0	0	0	0	0	15
	18:00	0	0	0	0	0	0	0	0	1	9	4	0	0	0	0	0	14
	18:15	0	0	0	0	0	0	0	0	2	9	4	2	0	1	0	0	18
	18:30	0	0	0	0	0	0	0	0	0	5	7	1	0	0	0	0	13
	18:45	0	0	0	0	0	0	0	0	0	3	5	1	0	0	0	0	9
	19:00	0	0	0	0	0	0	0	0	0	1	4	1	1	0	0	0	7
	19:15	0	0	0	0	0	0	0	0	2	4	4	1	0	0	0	0	11
	19:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	19:45	0	0	0	0	0	0	0	1	1	4	1	0	0	0	0	0	7
	20:00	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
	20:15	0	0	0	0	0	0	0	1	1	0	2	1	0	0	1	0	6
	20:30	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	20:45	0	0	0	0	0	0	0	1	1	3	1	0	0	0	0	0	6
	21:00	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	0	6
	21:15	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2
	21:30	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
	21:45	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	22:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	22:15	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3
	22:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	0	0	0	0	0	3	12	43	333	513	134	27	3	3	0	1074
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	4%	31%	48%	12%	3%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	3	5	1	0	0	0	0	10

Speeds - Average: 66.2 50% : 66.5 67% : 68.2 85% : 70.4 10mph Pace: 60.1 - 70.0 (78.8%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Thu	00:15	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:15	0	0	0	0	0	0	1	0	1	0	3	0	0	0	0	0	5
	05:30	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	5
	05:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	06:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	06:15	0	0	0	0	0	0	0	0	1	6	10	1	0	0	0	0	18
	06:30	0	0	0	0	0	0	0	0	0	10	11	5	0	0	0	0	26
	06:45	0	0	0	0	0	0	0	0	0	7	14	2	0	0	0	0	23
	07:00	0	0	0	0	0	0	0	0	0	3	15	2	0	0	0	0	20
	07:15	0	0	0	0	0	0	0	0	1	9	21	1	0	0	0	0	32
	07:30	0	0	0	0	0	0	0	0	1	20	29	3	0	0	0	0	53
Daily Total :		0	0	0	0	0	0	1	1	5	62	111	16	0	0	0	0	196
Percent :		0%	0%	0%	0%	0%	0%	1%	1%	3%	32%	57%	8%	0%	0%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	2	4	1	0	0	0	0	9

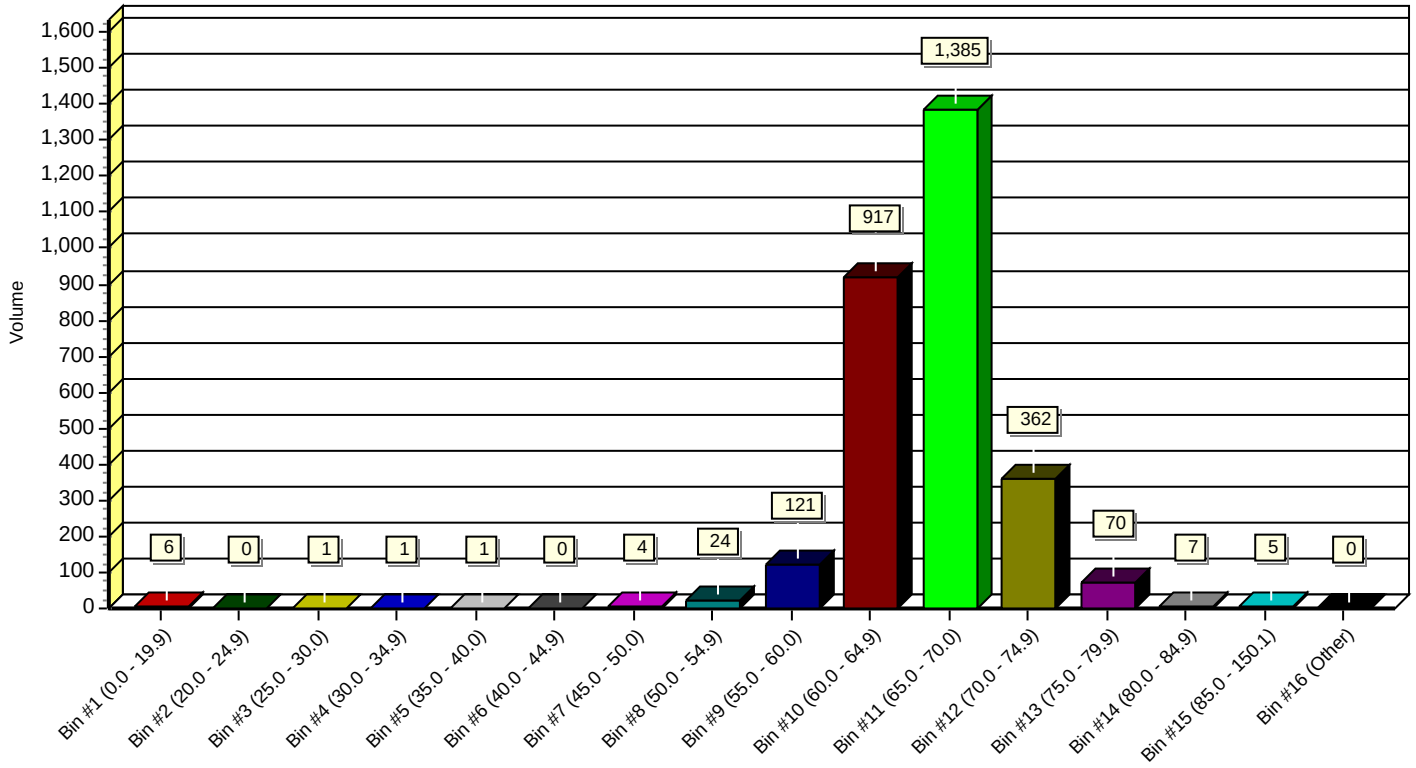
Speeds - Average: 65.9 50% : 66.7 67% : 67.7 85% : 69.2 10mph Pace: 60.6 - 70.5 (88.3%)

Basic Speed Class Summary: 4P0000756

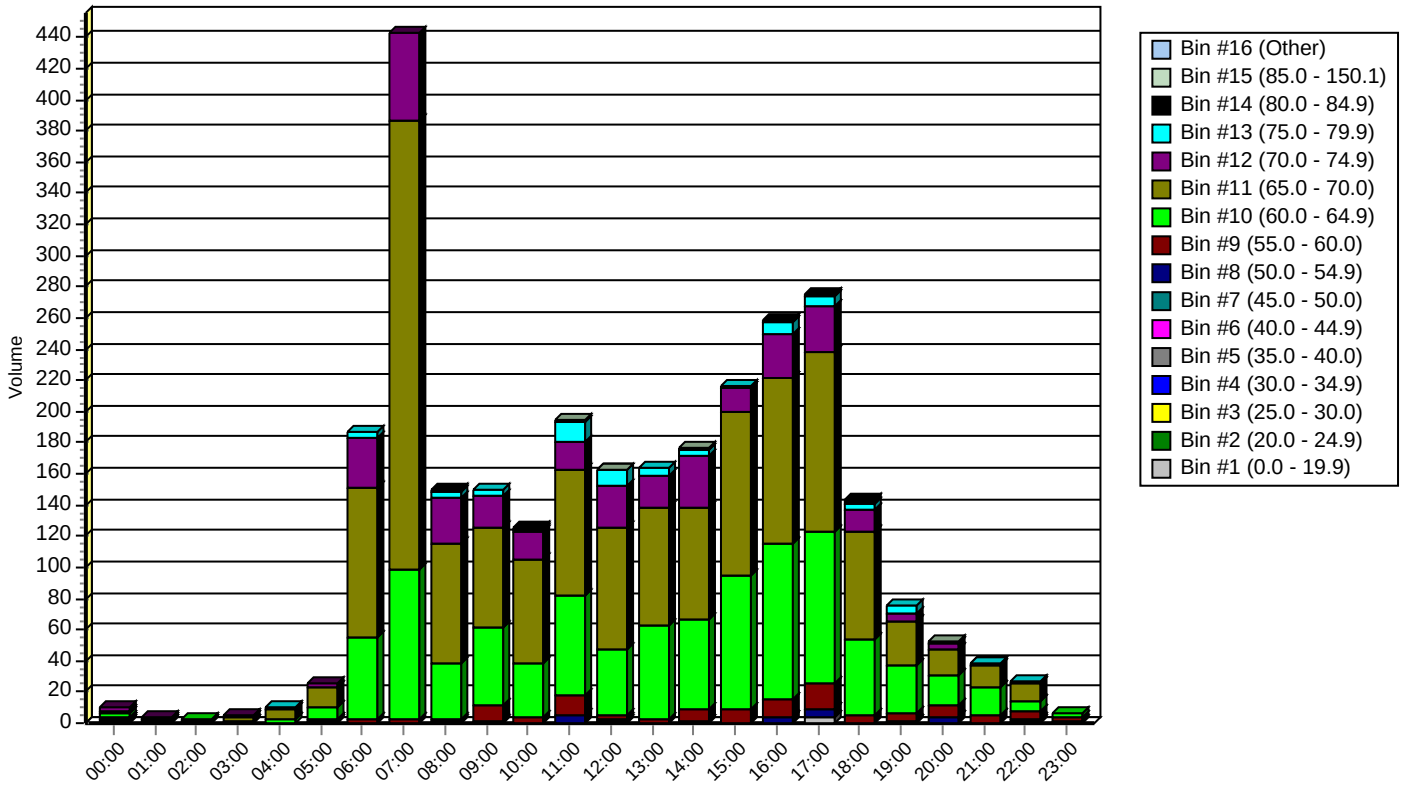
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	6	0	1	1	1	0	4	24	121	917	1385	362	70	7	5	0	2904
		6	0	1	1	1	0	4	24	121	917	1385	362	70	7	5	0	2904
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	4%	32%	48%	12%	2%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	4%	32%	48%	12%	2%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	3	5	1	0	0	0	0	9
		0	0	0	0	0	0	0	0	0	3	5	1	0	0	0	0	9
Days & ADT :	#1.	2.8	1013															
		2.8	1013															
Avg,50,67,85%:	#1.	66.2	66.4	68.2	70.2	60.1	- 70.0	79%										
		66.2	66.4	68.2	70.2	60.1	- 70.0	79%										

4P0000756 Speed Class Charts For Data From: 11:00 - 04/11/2011 To: 07:59 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2D0061456

Station ID : 2D0061456
Info Line 1 : 90994560
Info Line 2 : I-90 E JOHNSON
GPS Lat/Lon :
DB File : 2D0061456.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 93948
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST DRIVING	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 10:00 - 04/11/2011 To: 07:29 - 04/14/2011

Date	Time (AXLE)	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	10:00	0	34	29	1	2	0	0	0	13	1	0	0	1	0	81
Mon	10:15	0	39	27	0	2	0	0	1	9	1	0	0	0	0	79
	10:30	1	33	25	0	1	1	0	1	5	3	0	0	1	1	72
	10:45	0	35	21	0	3	3	0	1	11	0	0	1	1	1	77
	11:00	0	30	24	1	1	1	0	0	6	0	0	0	1	1	65
	11:15	2	39	22	0	0	1	0	2	9	1	0	0	5	0	81
	11:30	0	43	27	2	0	2	0	1	15	1	0	0	2	0	93
	11:45	0	34	26	0	0	0	0	3	5	0	0	0	0	1	69
	12:00	1	35	31	0	1	1	0	0	9	2	0	0	1	0	81
	12:15	0	40	25	0	0	1	0	0	12	2	0	0	3	1	84
	12:30	1	40	32	0	1	1	0	1	2	2	0	0	0	0	80
	12:45	0	43	27	1	0	1	1	1	8	0	0	0	3	1	86
	13:00	0	33	34	1	1	0	0	0	10	4	0	0	2	0	85
	13:15	1	29	32	1	2	0	0	2	8	2	0	0	2	0	79
	13:30	3	35	34	1	0	2	0	0	6	2	0	0	0	0	83
	13:45	0	46	34	0	0	2	0	1	6	2	0	0	1	0	92
	14:00	0	46	34	0	1	0	0	1	4	1	0	0	2	0	89
	14:15	2	48	31	1	2	1	0	0	6	1	1	1	0	0	94
	14:30	1	52	31	0	2	1	0	0	8	1	0	1	0	1	98
	14:45	0	43	33	2	3	1	0	1	9	1	0	0	1	0	94
	15:00	1	56	29	0	3	0	0	0	10	1	0	0	3	0	103
	15:15	1	55	44	0	2	2	0	0	6	1	0	0	1	0	112
	15:30	1	47	44	0	0	2	0	1	8	0	0	0	3	0	106
	15:45	2	50	37	0	3	1	0	2	6	1	0	0	1	0	103
	16:00	1	52	43	1	0	0	0	1	3	1	0	0	3	0	105
	16:15	0	53	31	0	1	0	0	0	8	1	0	0	1	0	95
	16:30	0	59	35	0	0	0	0	0	10	2	0	0	1	0	107
	16:45	1	68	42	0	0	1	0	1	6	1	0	0	0	0	120
	17:00	0	77	51	0	2	0	0	0	4	0	0	0	0	0	134
	17:15	5	61	57	1	0	1	0	1	6	2	0	0	1	0	135
	17:30	0	77	44	0	2	0	0	0	8	0	0	0	1	1	133
	17:45	0	65	39	0	0	1	0	1	5	0	0	0	0	1	112
	18:00	0	48	29	0	0	3	0	1	9	1	0	0	1	0	92
	18:15	0	44	29	0	0	1	0	1	7	1	0	0	0	0	83

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	18:30	0	42	20	0	0	1	0	2	4	1	0	0	1	0	71
Mon	18:45	0	32	15	1	0	0	0	2	8	0	0	0	2	1	61
	19:00	1	39	11	3	0	0	0	0	4	1	0	0	0	0	59
	19:15	2	28	21	0	0	0	0	0	13	1	0	0	2	0	67
	19:30	0	30	19	0	0	0	0	1	6	0	0	0	1	0	57
	19:45	0	31	20	0	0	1	0	0	3	1	0	0	2	0	58
	20:00	0	29	19	0	0	0	0	0	10	1	1	0	6	0	66
	20:15	0	25	18	1	0	0	0	0	2	1	0	0	1	1	49
	20:30	0	26	14	0	0	0	0	0	0	1	1	3	2	0	47
	20:45	0	33	21	0	0	0	0	1	4	0	0	0	0	0	59
	21:00	0	26	10	0	1	0	0	0	6	1	0	1	3	0	48
	21:15	0	29	13	0	0	0	0	1	4	1	0	2	0	0	50
	21:30	0	25	9	0	0	0	0	0	7	0	0	0	0	0	41
	21:45	0	22	6	0	0	0	0	0	4	0	0	0	1	0	33
	22:00	0	12	9	0	0	0	0	1	5	0	1	1	0	0	29
	22:15	0	19	9	0	0	0	0	0	2	0	0	0	3	0	33
	22:30	0	20	9	0	0	1	0	0	1	1	0	2	2	0	36
	22:45	0	12	4	1	1	0	0	0	4	0	0	1	1	0	24
	23:00	0	6	3	0	0	1	0	0	1	1	1	0	1	1	15
	23:15	0	11	12	1	0	0	0	0	0	0	0	0	0	0	24
	23:30	0	9	5	0	0	0	0	0	4	0	0	0	0	0	18
	23:45	0	10	7	0	0	0	0	0	4	0	0	1	0	0	22
Daily Total :		27	2105	1407	20	37	35	1	33	353	50	5	14	70	12	4169
	Percent :	1%	50%	34%	0%	1%	1%	0%	1%	8%	1%	0%	0%	2%	0%	
	Average :	0	38	25	0	1	1	0	1	6	1	0	0	1	0	74

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	1	4	12	1	0	0	0	0	1	0	0	0	0	0	19
Tue	00:15	0	7	1	1	0	0	0	2	4	0	0	0	0	0	15
	00:30	0	6	4	0	1	0	0	0	2	0	0	0	0	0	13
	00:45	0	2	4	0	1	0	0	0	5	0	0	0	1	2	15
	01:00	0	2	2	0	0	0	0	0	2	0	1	0	0	0	7
	01:15	0	3	2	0	1	0	0	1	1	0	0	0	0	0	8
	01:30	0	1	1	0	1	0	0	0	2	0	0	0	0	0	5
	01:45	0	3	0	0	0	0	0	0	2	0	0	0	1	1	7
	02:00	0	3	3	0	0	0	0	0	3	0	0	0	0	0	9
	02:15	0	2	2	0	1	0	0	0	5	0	0	0	0	0	10
	02:30	0	2	2	0	0	0	0	2	5	0	0	0	1	0	12
	02:45	0	0	2	0	0	0	0	1	5	0	0	0	0	0	8
	03:00	0	3	0	0	1	0	0	0	2	0	0	1	0	1	8
	03:15	0	0	1	0	0	0	0	0	3	0	0	0	1	0	5
	03:30	0	3	1	0	0	0	0	0	1	0	0	0	1	0	6
	03:45	0	2	3	0	1	0	0	0	0	0	0	0	2	0	8
	04:00	0	2	4	0	0	0	0	0	1	1	0	0	0	0	8
	04:15	0	8	4	0	0	0	0	0	2	0	0	0	2	0	16
	04:30	0	2	4	2	0	0	0	0	4	0	0	0	2	0	14
	04:45	0	5	2	0	0	0	0	1	6	0	0	0	0	0	14
	05:00	0	6	2	0	0	0	0	1	3	1	0	0	0	0	13
	05:15	0	6	10	0	0	1	0	0	5	0	0	0	2	0	24
	05:30	0	7	7	0	2	0	0	0	6	0	0	1	1	0	24
	05:45	0	8	11	2	1	1	0	1	1	0	0	0	3	0	28
	06:00	0	13	21	1	0	1	0	1	14	0	0	0	1	0	52
	06:15	0	15	26	0	0	1	0	1	7	0	0	0	1	0	51
	06:30	0	29	29	1	0	0	0	0	5	1	0	0	1	0	66
	06:45	0	35	26	0	4	0	0	1	8	1	0	0	1	0	76
	07:00	0	29	31	0	0	0	0	1	10	0	0	0	2	1	74
	07:15	0	61	19	0	1	0	0	1	12	3	0	0	2	1	100
	07:30	0	43	23	1	2	1	0	2	11	3	0	0	1	0	87
	07:45	0	38	22	0	4	2	0	2	11	1	0	0	1	0	81
	08:00	0	33	19	0	2	3	0	1	11	5	0	2	1	0	77
	08:15	0	40	29	2	5	0	0	0	8	0	0	0	1	0	85
	08:30	0	28	20	0	1	0	0	0	10	5	0	1	4	2	71
	08:45	0	36	41	0	2	0	0	1	10	1	0	0	2	1	94
	09:00	0	30	28	2	5	1	0	2	15	1	1	0	2	1	88
	09:15	0	19	25	1	3	1	0	1	15	1	1	0	2	0	69
	09:30	0	16	30	2	1	0	0	1	8	1	0	0	3	0	62
	09:45	1	27	28	0	0	1	0	0	20	0	0	0	5	1	83
	10:00	0	21	31	1	2	2	0	3	18	1	0	0	0	0	79
	10:15	0	32	36	0	2	1	0	2	10	1	0	0	3	2	89
	10:30	0	25	30	1	3	2	0	0	7	2	0	0	0	1	71
	10:45	0	24	26	0	1	1	0	2	10	0	0	0	0	1	65
	11:00	0	32	19	3	0	1	0	0	12	0	0	0	1	1	69
	11:15	0	18	29	0	1	1	0	1	19	0	0	0	1	1	71
	11:30	1	24	30	0	0	1	0	1	13	3	0	0	0	1	74
	11:45	0	34	23	0	1	1	0	2	11	6	0	0	1	0	79
	12:00	0	29	18	1	0	0	0	4	10	2	0	0	5	2	71
	12:15	0	25	27	0	2	0	0	0	11	2	0	1	2	2	72

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	21	26	0	1	0	0	0	7	2	0	0	0	0	57
Tue	12:45	0	33	30	0	0	2	0	0	18	1	0	0	4	1	89
	13:00	0	37	39	1	0	0	0	1	19	0	0	0	1	0	98
	13:15	0	36	29	1	0	1	0	1	11	4	0	0	3	2	88
	13:30	0	31	32	1	3	0	0	0	23	0	0	0	0	2	92
	13:45	0	35	26	1	2	0	0	1	14	1	0	0	3	0	83
	14:00	0	33	35	2	0	1	0	2	17	0	0	0	0	0	90
	14:15	0	42	37	0	1	1	0	2	16	2	0	0	1	1	103
	14:30	0	41	27	0	0	1	0	0	18	2	0	1	0	0	90
	14:45	0	41	31	0	2	1	1	2	16	3	0	0	1	0	98
	15:00	0	37	29	0	0	1	0	0	15	3	0	0	2	0	87
	15:15	0	46	37	0	2	0	0	2	13	2	0	0	4	0	106
	15:30	1	39	26	1	0	0	0	1	8	1	0	0	1	0	78
	15:45	0	49	37	0	0	1	0	1	22	2	0	1	1	0	114
	16:00	0	54	46	1	2	2	0	0	15	0	0	0	0	1	121
	16:15	0	48	34	0	0	1	0	0	17	3	0	0	0	0	103
	16:30	0	56	47	1	2	0	0	1	16	3	0	0	3	0	129
	16:45	0	54	50	0	0	0	0	1	16	0	0	0	1	1	123
	17:00	0	80	40	0	1	0	0	3	12	1	0	0	0	0	137
	17:15	0	79	49	0	1	0	0	1	9	3	0	0	1	1	144
	17:30	1	54	46	1	0	0	0	2	12	0	0	0	0	2	118
	17:45	0	59	34	0	2	0	0	0	9	1	0	0	0	1	106
	18:00	0	55	19	0	0	0	0	1	11	0	0	0	1	1	88
	18:15	1	56	35	0	0	0	0	0	12	0	0	0	0	0	104
	18:30	0	41	23	1	1	0	0	1	12	1	1	0	3	0	84
	18:45	0	40	30	1	0	0	0	0	9	1	0	0	0	0	81
	19:00	0	38	22	0	2	0	0	0	10	1	1	0	2	1	77
	19:15	0	38	30	0	1	0	0	0	11	0	0	0	4	1	85
	19:30	0	26	23	0	0	0	0	0	8	0	0	0	2	0	59
	19:45	0	35	23	1	0	0	0	1	13	1	1	0	3	1	79
	20:00	0	24	26	1	0	0	0	3	10	1	1	0	0	0	66
	20:15	0	41	28	0	0	0	0	2	7	0	0	1	4	0	83
	20:30	0	27	16	0	0	0	0	1	6	2	0	1	2	0	55
	20:45	1	28	20	1	0	0	0	2	1	2	0	2	1	1	59
	21:00	0	27	11	0	3	0	0	4	10	0	0	3	0	0	58
	21:15	0	23	13	0	0	0	0	1	4	0	0	1	1	0	43
	21:30	0	25	9	1	0	0	0	1	8	0	0	0	0	0	44
	21:45	0	13	10	0	0	0	0	0	2	0	0	0	2	0	27
	22:00	0	15	6	0	1	1	0	0	5	0	0	0	0	2	30
	22:15	0	17	10	0	0	0	0	0	3	1	0	0	1	0	32
	22:30	0	16	13	0	1	0	0	1	3	0	0	0	1	1	36
	22:45	0	11	8	0	0	0	0	1	3	0	1	0	2	1	27
	23:00	0	12	4	1	0	0	0	0	2	0	0	0	0	0	19
	23:15	0	10	4	0	1	0	0	0	3	0	0	0	1	0	19
	23:30	0	4	4	1	1	0	0	0	3	0	0	0	1	0	14
	23:45	0	11	4	0	0	1	0	0	1	0	0	0	2	0	19
Daily Total :		7	2481	1948	40	82	37	1	79	847	86	8	16	119	43	5794
Percent :		0%	43%	34%	1%	1%	1%	0%	1%	15%	1%	0%	0%	2%	1%	
Average :		0	26	20	0	1	0	0	1	9	1	0	0	1	0	59

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	4	5	0	0	1	0	0	3	0	0	0	0	0	13
Wed	00:15	0	4	1	2	0	0	0	0	3	2	0	0	1	0	13
	00:30	0	3	3	0	0	0	0	0	2	1	0	1	0	1	11
	00:45	0	5	4	0	1	0	0	1	1	1	1	0	0	1	15
	01:00	0	1	1	0	0	0	0	0	3	0	0	1	0	0	6
	01:15	0	6	2	0	1	0	0	0	4	0	0	0	0	0	13
	01:30	0	0	0	0	0	0	0	0	6	1	0	0	0	0	7
	01:45	0	3	0	0	0	0	0	1	2	1	0	0	2	1	10
	02:00	0	2	4	0	1	0	0	0	2	0	0	0	0	1	10
	02:15	0	7	3	0	0	1	0	0	3	0	0	0	0	0	14
	02:30	0	6	0	0	0	0	0	1	1	0	0	0	1	0	9
	02:45	0	1	1	0	0	0	0	0	6	0	0	0	0	2	10
	03:00	0	2	2	0	1	0	0	0	5	0	0	0	2	1	13
	03:15	0	0	3	0	1	1	0	0	5	0	0	0	0	0	10
	03:30	0	2	0	0	0	0	0	0	4	2	0	0	0	0	8
	03:45	0	1	4	0	0	0	0	0	1	0	0	0	1	0	7
	04:00	0	1	3	0	1	0	0	1	4	0	0	0	1	1	12
	04:15	0	1	5	0	0	0	0	0	3	0	0	1	0	0	10
	04:30	0	1	4	0	0	0	0	1	5	3	0	0	1	1	16
	04:45	0	2	5	0	0	0	0	2	8	0	0	0	3	1	21
	05:00	0	6	4	0	0	0	0	0	7	1	0	0	0	0	18
	05:15	0	5	9	0	0	2	0	3	5	0	0	0	2	0	26
	05:30	0	11	10	0	0	1	0	0	2	0	0	0	2	0	26
	05:45	0	9	11	1	2	0	0	0	5	2	0	0	2	1	33
	06:00	0	18	18	0	1	0	0	0	2	2	0	1	3	1	46
	06:15	0	27	23	1	1	2	0	1	8	0	0	0	2	0	65
	06:30	0	17	23	1	2	1	0	0	8	1	0	0	2	4	59
	06:45	0	29	18	1	1	0	1	0	4	6	0	0	1	1	62
	07:00	0	39	30	1	3	1	0	0	8	2	0	0	3	3	90
	07:15	0	38	27	0	1	0	0	2	6	3	0	0	3	0	80
	07:30	0	34	31	2	4	0	0	3	11	0	0	0	1	3	89
	07:45	0	37	22	0	0	1	0	1	9	2	0	0	2	2	76
	08:00	1	33	38	0	0	1	0	0	9	1	0	0	5	1	89
	08:15	0	24	29	0	2	0	0	0	11	5	0	0	4	2	77
	08:30	1	38	32	1	0	1	0	1	13	1	0	1	2	0	91
	08:45	0	32	32	0	2	0	0	1	15	0	0	0	1	2	85
	09:00	0	38	25	2	2	2	0	0	11	3	0	1	0	1	85
	09:15	0	24	37	1	1	3	0	1	13	1	0	0	2	2	85
	09:30	0	26	18	0	1	0	0	3	19	4	0	0	2	0	73
	09:45	1	19	26	2	2	1	0	2	16	4	1	0	3	0	77
	10:00	0	20	27	1	1	1	0	1	13	6	0	0	4	0	74
	10:15	0	16	23	0	1	0	0	0	17	2	1	0	2	0	62
	10:30	0	30	31	1	1	1	0	2	18	2	0	0	0	0	86
	10:45	0	27	30	0	5	1	0	1	18	0	0	0	3	0	85
	11:00	2	23	16	1	3	0	0	0	13	1	0	0	2	0	61
	11:15	0	23	29	0	0	2	0	0	14	2	0	0	3	0	73
	11:30	0	21	31	0	0	1	0	1	16	0	0	0	0	1	71
	11:45	0	23	29	0	1	2	0	0	13	1	0	0	2	1	72
	12:00	1	37	32	1	1	0	0	0	16	1	0	0	2	1	92
	12:15	0	35	31	0	0	0	0	1	18	2	0	0	0	0	87

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	36	28	1	1	2	0	1	18	3	0	1	0	1	92
Wed	12:45	0	37	36	0	1	0	0	1	14	1	0	0	2	0	92
	13:00	1	34	32	2	1	1	0	0	18	1	0	0	0	0	90
	13:15	0	43	34	0	1	0	0	0	18	3	0	0	0	1	100
	13:30	0	32	39	0	1	0	0	0	18	1	0	0	1	2	94
	13:45	1	42	42	2	1	1	0	0	18	1	0	0	0	0	108
	14:00	0	37	34	2	1	0	1	0	12	0	0	0	1	2	90
	14:15	0	55	31	0	1	0	0	1	15	2	0	0	0	0	105
	14:30	0	40	27	0	3	1	0	1	25	1	0	1	2	1	102
	14:45	0	38	40	1	0	2	0	2	16	1	0	0	0	1	101
	15:00	0	39	35	0	1	0	0	0	17	1	0	0	2	0	95
	15:15	0	46	42	1	1	0	0	0	16	2	0	0	1	0	109
	15:30	2	61	40	1	0	1	0	1	11	2	0	0	2	0	121
	15:45	0	56	42	0	1	1	0	0	21	0	0	1	1	0	123
	16:00	1	60	35	0	0	1	0	0	20	1	0	0	7	0	125
	16:15	0	58	46	0	1	1	0	1	9	1	0	0	0	1	118
	16:30	2	45	44	0	0	0	0	0	16	2	0	0	1	0	110
	16:45	1	68	58	0	1	1	0	0	17	0	0	0	1	0	147
	17:00	0	62	45	1	2	0	0	1	14	0	0	0	4	0	129
	17:15	1	80	58	0	0	1	0	0	9	1	0	0	3	0	153
	17:30	0	70	49	0	0	0	0	0	11	0	0	0	1	0	131
	17:45	0	61	43	0	0	1	0	3	25	1	0	0	0	0	134
	18:00	1	48	26	0	2	0	0	1	20	0	0	0	0	0	98
	18:15	1	40	39	0	1	0	0	1	13	1	0	0	2	1	99
	18:30	0	27	29	0	0	0	0	0	6	0	0	0	2	1	65
	18:45	0	41	21	0	1	0	0	0	11	1	0	0	2	1	78
	19:00	0	30	24	0	0	1	0	0	8	1	0	0	2	0	66
	19:15	0	20	23	2	0	1	0	2	14	1	0	0	0	0	63
	19:30	0	24	23	0	1	0	0	3	8	1	1	0	2	0	63
	19:45	0	21	15	1	2	0	0	2	7	1	0	0	5	0	54
	20:00	0	26	15	0	0	0	0	2	8	2	0	0	2	0	55
	20:15	0	27	22	0	1	1	0	1	11	0	3	0	2	0	68
	20:30	0	21	14	1	1	0	0	2	4	2	0	2	1	0	48
	20:45	0	23	21	0	1	0	0	0	8	1	1	1	2	0	58
	21:00	0	28	11	0	0	0	0	0	8	0	0	1	1	0	49
	21:15	0	25	20	0	0	0	0	0	4	0	0	1	1	0	51
	21:30	0	26	10	0	0	0	0	1	3	0	1	0	3	0	44
	21:45	0	23	7	0	0	1	0	2	7	1	0	0	0	0	41
	22:00	0	15	11	0	2	0	0	1	4	0	0	0	1	0	34
	22:15	0	16	7	0	1	3	0	0	4	1	1	0	2	0	35
	22:30	0	14	14	0	0	0	0	0	5	1	0	3	0	0	37
	22:45	0	8	7	0	0	1	0	1	3	0	0	0	0	0	20
	23:00	0	14	5	0	0	0	0	0	3	0	0	0	1	0	23
	23:15	0	7	8	1	0	0	0	0	6	0	0	0	0	2	24
	23:30	0	12	5	0	0	0	0	0	3	0	0	1	2	0	23
	23:45	0	5	5	0	0	0	0	0	2	2	0	0	0	0	14
Daily Total :		17	2452	2054	35	75	49	2	62	937	107	10	18	134	50	6002
	Percent :	0%	41%	34%	1%	1%	1%	0%	1%	16%	2%	0%	0%	2%	1%	
	Average :	0	26	21	0	1	1	0	1	10	1	0	0	1	1	63

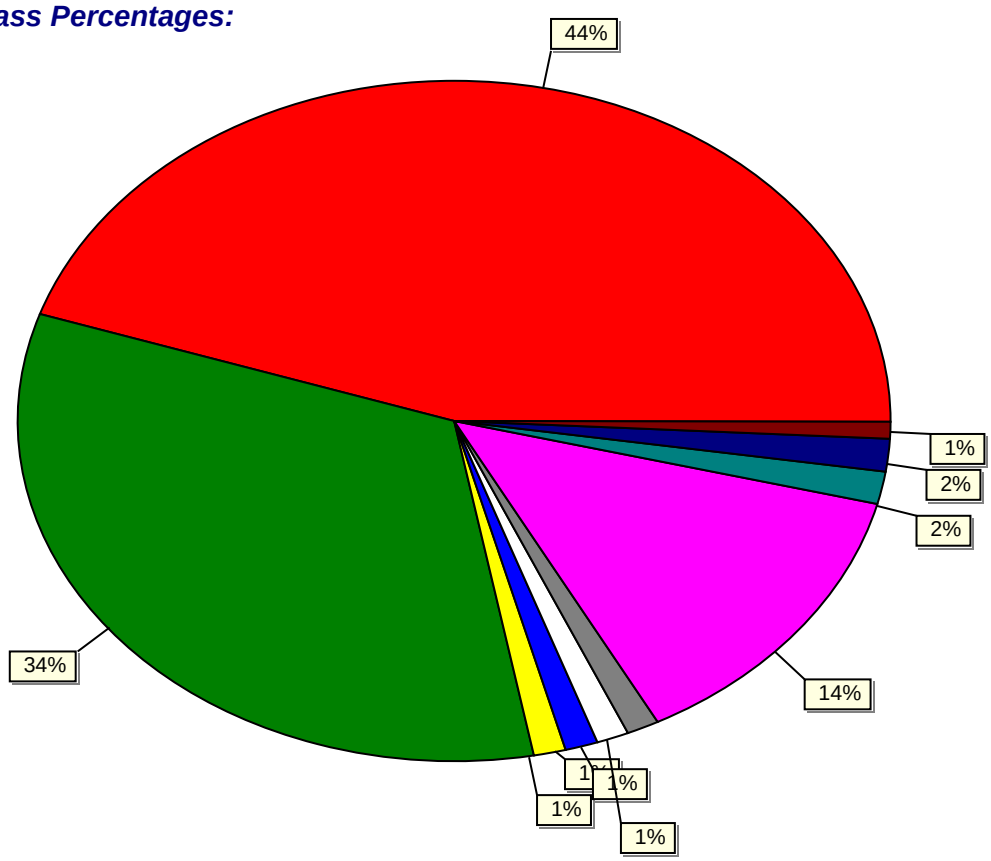
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	5	3	1	1	0	0	0	2	1	0	0	0	0	13
Thu	00:15	0	3	3	0	1	0	0	0	4	0	0	0	0	0	11
	00:30	0	7	6	1	0	0	0	0	4	0	0	0	0	0	18
	00:45	0	2	5	0	2	0	0	0	3	1	0	0	0	0	13
	01:00	0	2	1	0	0	0	0	1	2	0	1	0	0	0	7
	01:15	0	3	2	0	0	0	0	0	2	0	0	0	1	0	8
	01:30	0	2	3	0	1	0	0	1	2	0	0	0	0	0	9
	01:45	0	2	1	0	0	0	0	1	3	2	0	0	0	0	9
	02:00	0	2	3	0	1	0	0	0	2	0	0	0	1	0	9
	02:15	0	4	0	0	0	0	0	0	0	0	0	0	1	0	5
	02:30	0	3	3	0	0	0	0	0	0	0	0	0	1	1	8
	02:45	0	5	1	0	1	0	0	0	5	0	0	0	1	0	13
	03:00	0	1	1	1	3	0	0	1	2	0	0	0	1	0	10
	03:15	0	0	1	0	1	0	0	0	5	0	0	1	1	0	9
	03:30	0	1	2	0	0	0	0	0	4	0	0	0	0	0	7
	03:45	0	7	2	0	1	0	0	0	3	2	0	0	0	0	15
	04:00	0	1	4	0	0	0	0	1	3	0	0	0	0	0	9
	04:15	0	1	4	0	1	0	0	0	3	0	0	1	3	0	13
	04:30	0	5	5	1	1	0	0	0	9	0	0	0	2	0	23
	04:45	0	7	4	1	0	0	0	0	5	1	0	0	1	0	19
	05:00	0	7	3	1	0	0	0	1	8	1	0	0	2	1	24
	05:15	0	7	10	0	1	3	0	2	6	2	0	0	3	1	35
	05:30	0	8	7	0	1	0	0	0	7	1	0	0	2	0	26
	05:45	0	11	7	1	3	0	1	1	3	0	0	0	2	0	29
	06:00	0	12	16	0	3	0	0	1	7	0	0	1	0	0	40
	06:15	1	15	19	0	3	2	0	1	10	1	0	1	2	1	56
	06:30	0	24	29	1	0	0	0	1	6	0	0	0	2	1	64
	06:45	0	28	24	1	1	0	0	1	7	0	0	0	0	1	63
	07:00	0	40	23	2	0	0	0	1	6	1	0	0	6	0	79
Daily Total :		1	215	192	11	26	5	1	14	123	13	1	4	32	6	644
Percent :		0%	33%	30%	2%	4%	1%	0%	2%	19%	2%	0%	1%	5%	1%	
Average :		0	7	7	0	1	0	0	0	4	0	0	0	1	0	20

Basic Axle Class Summary: 2D0061456

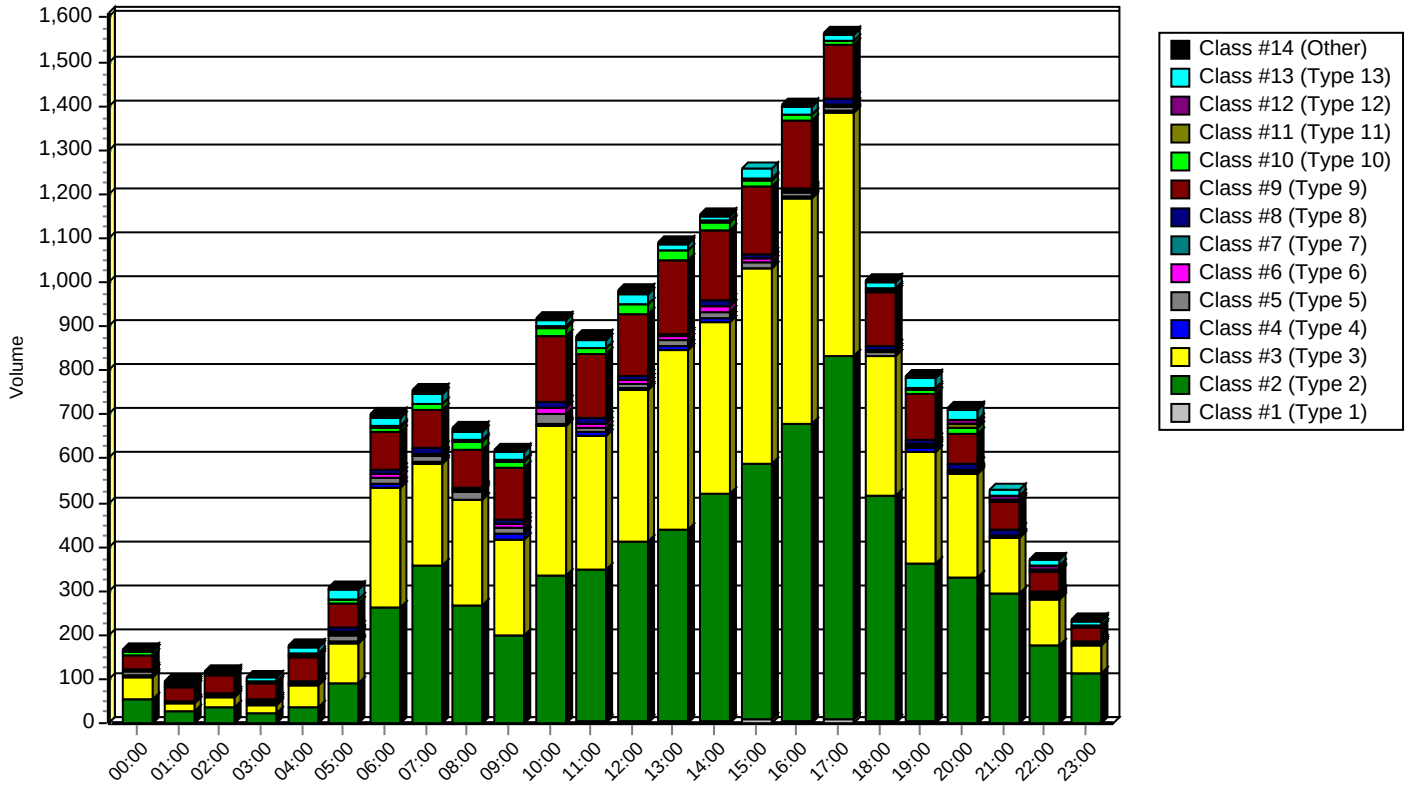
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	52	7253	5601	106	220	126	5	188	2260	256	24	52	355	111	16609
		52	7253	5601	106	220	126	5	188	2260	256	24	52	355	111	16609
Percents :	#1.	0%	44%	34%	1%	1%	1%	0%	1%	14%	2%	0%	0%	2%	1%	100%
		0%	44%	34%	1%	1%	1%	0%	1%	14%	2%	0%	0%	2%	1%	
Average :	#1.	0	26	20	0	1	0	0	1	8	1	0	0	1	0	58
		0	26	20	0	1	0	0	1	8	1	0	0	1	0	58
Days & ADT :	#1.	2.8	5756													
		2.8	5756													

2D0061456 Axle Class Charts For Data From: 10:00 - 04/11/2011 To: 07:29 - 04/14/2011

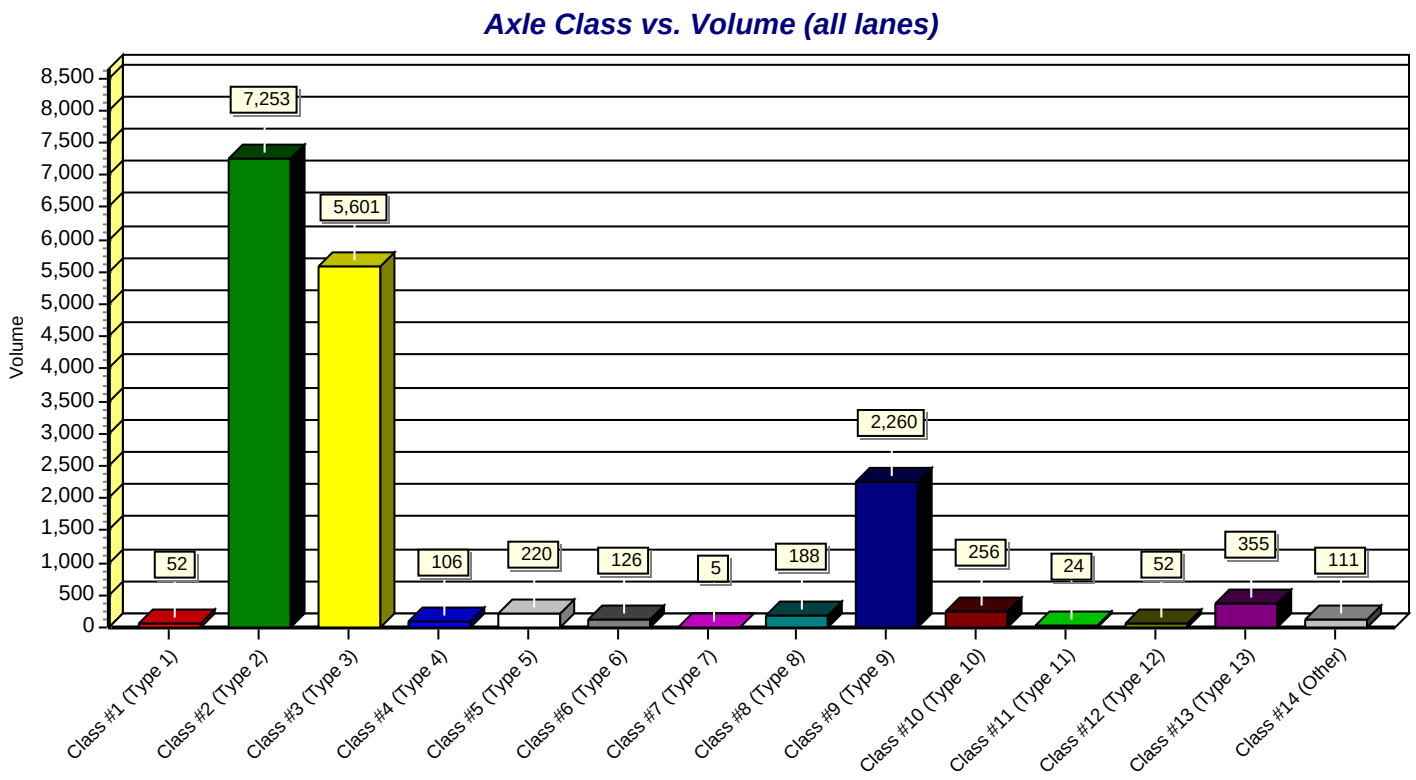
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2D0061456 Axle Class Charts For Data From: 10:00 - 04/11/2011 To: 07:29 - 04/14/2011



Basic Speed Classification Report: 2D0061456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST DRIVING	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 10:00 - 04/11/2011 To: 07:29 - 04/14/2011

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	10:00	0	0	0	0	0	0	0	5	9	29	33	5	0	0	0	0	81
Mon	10:15	0	0	0	0	0	0	0	3	7	21	34	13	1	0	0	0	79
	10:30	0	0	0	0	0	0	0	1	3	22	32	11	3	0	0	0	72
	10:45	0	0	0	0	0	0	3	2	8	14	40	8	2	0	0	0	77
	11:00	0	0	0	0	0	0	2	1	5	11	33	8	4	1	0	0	65
	11:15	0	0	0	0	0	0	0	1	12	16	35	15	1	1	0	0	81
	11:30	0	0	0	0	0	0	2	4	10	17	39	17	3	1	0	0	93
	11:45	0	0	0	0	0	0	2	1	4	31	20	7	1	3	0	0	69
	12:00	0	0	0	0	0	0	0	1	5	20	44	7	3	0	1	0	81
	12:15	0	0	0	0	0	0	4	3	8	21	35	9	4	0	0	0	84
	12:30	0	0	0	0	0	0	1	3	6	22	29	13	4	2	0	0	80
	12:45	0	0	0	0	0	0	0	4	6	29	27	18	2	0	0	0	86
	13:00	0	0	0	0	0	0	3	1	6	16	34	19	4	0	2	0	85
	13:15	0	0	0	0	0	0	0	5	11	28	29	6	0	0	0	0	79
	13:30	0	0	0	0	0	1	1	4	4	26	33	11	1	2	0	0	83
	13:45	0	0	0	0	0	0	0	2	8	24	40	14	4	0	0	0	92
	14:00	0	0	0	0	0	0	0	5	3	23	38	16	2	2	0	0	89
	14:15	0	0	0	0	0	0	1	5	3	23	48	10	4	0	0	0	94
	14:30	0	0	0	0	0	0	2	5	6	25	43	10	7	0	0	0	98
	14:45	0	0	0	0	0	0	3	5	6	24	33	19	4	0	0	0	94
	15:00	0	0	0	0	0	2	1	3	5	34	36	17	3	2	0	0	103
	15:15	0	0	0	0	0	0	0	3	11	39	42	14	2	1	0	0	112
	15:30	0	0	0	0	0	0	2	4	4	24	43	23	5	1	0	0	106
	15:45	0	0	0	0	0	0	0	2	11	22	51	12	5	0	0	0	103
	16:00	0	0	0	0	0	0	0	3	6	45	38	7	5	0	1	0	105
	16:15	0	0	0	0	1	2	4	3	5	22	43	14	1	0	0	0	95
	16:30	0	0	0	0	1	0	1	4	7	28	49	15	1	1	0	0	107
	16:45	0	0	0	0	0	0	0	2	4	33	60	19	2	0	0	0	120
	17:00	0	0	0	0	0	0	1	1	2	27	65	34	4	0	0	0	134
	17:15	0	0	0	0	0	0	0	1	3	36	67	22	5	1	0	0	135
	17:30	0	0	0	0	0	0	2	0	10	28	69	21	2	0	1	0	133
	17:45	2	0	0	0	0	0	0	1	2	20	61	21	3	2	0	0	112
	18:00	0	0	0	0	0	0	0	2	7	31	35	14	2	1	0	0	92
	18:15	0	0	0	0	0	0	0	1	6	17	38	18	3	0	0	0	83
	18:30	0	0	0	0	2	0	0	0	3	14	33	16	2	1	0	0	71
	18:45	0	0	0	0	0	0	1	2	5	17	24	10	2	0	0	0	61
	19:00	0	0	0	0	0	0	2	2	2	16	26	8	3	0	0	0	59
	19:15	0	0	0	0	0	0	2	3	7	27	21	6	0	1	0	0	67
	19:30	0	0	0	0	0	0	0	2	4	13	29	6	3	0	0	0	57
	19:45	0	0	0	0	0	1	1	0	3	18	27	6	2	0	0	0	58

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	20:00	0	0	0	0	0	0	2	7	8	25	23	1	0	0	0	0	66
Mon	20:15	0	0	0	0	0	0	1	2	1	22	20	3	0	0	0	0	49
	20:30	0	0	0	0	0	0	1	3	7	23	11	1	1	0	0	0	47
	20:45	0	0	0	0	0	1	1	2	7	21	23	3	1	0	0	0	59
	21:00	0	0	0	0	0	2	0	4	8	12	20	2	0	0	0	0	48
	21:15	0	0	0	0	0	0	0	4	6	21	16	3	0	0	0	0	50
	21:30	0	0	0	0	0	0	0	1	7	15	15	3	0	0	0	0	41
	21:45	1	0	0	0	0	0	1	2	2	11	12	4	0	0	0	0	33
	22:00	0	0	0	0	0	0	0	3	7	12	4	2	1	0	0	0	29
	22:15	0	0	0	0	0	0	0	1	6	12	11	1	2	0	0	0	33
	22:30	0	0	0	0	0	0	0	0	4	21	10	1	0	0	0	0	36
	22:45	0	0	0	0	0	0	1	2	5	6	9	1	0	0	0	0	24
	23:00	0	0	0	0	0	1	1	0	1	3	8	1	0	0	0	0	15
	23:15	0	0	0	0	0	0	0	1	3	8	11	1	0	0	0	0	24
	23:30	0	0	0	0	0	0	0	0	1	7	8	2	0	0	0	0	18
	23:45	0	0	0	0	0	0	0	2	2	4	10	3	1	0	0	0	22
Daily Total :		3	0	0	0	4	10	49	134	312	1176	1767	571	115	23	5	0	4169
Percent :		0%	0%	0%	0%	0%	0%	1%	3%	7%	28%	42%	14%	3%	1%	0%	0%	
Average :		0	0	0	0	0	0	1	2	6	21	32	10	2	0	0	0	58

Speeds - Average: 65.6 50% : 66.2 67% : 68.2 85% : 70.9 10mph Pace: 60.1 - 70.0 (70.6%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	1	1	0	0	0	0	1	6	6	4	0	0	0	0	19
Tue	00:15	0	0	0	0	0	0	0	3	3	7	1	1	0	0	0	0	15
	00:30	0	0	0	0	0	0	0	0	4	4	5	0	0	0	0	0	13
	00:45	0	0	0	0	0	0	1	1	7	3	1	1	0	1	0	0	15
	01:00	0	0	0	0	0	0	0	0	0	4	3	0	0	0	0	0	7
	01:15	0	0	0	0	0	0	0	0	4	2	1	1	0	0	0	0	8
	01:30	0	0	0	0	0	2	0	1	0	1	0	1	0	0	0	0	5
	01:45	0	0	0	0	0	0	1	2	0	1	3	0	0	0	0	0	7
	02:00	0	0	0	0	0	0	0	0	2	4	2	1	0	0	0	0	9
	02:15	0	0	0	0	0	0	0	2	4	1	2	1	0	0	0	0	10
	02:30	0	0	0	0	0	0	0	2	1	4	4	1	0	0	0	0	12
	02:45	0	0	0	0	0	1	1	1	1	2	1	1	0	0	0	0	8
	03:00	0	0	0	0	0	0	0	1	2	2	3	0	0	0	0	0	8
	03:15	0	0	0	0	0	0	0	1	0	3	1	0	0	0	0	0	5
	03:30	0	0	0	0	0	0	0	0	1	1	3	1	0	0	0	0	6
	03:45	0	0	0	0	0	0	0	0	0	1	4	3	0	0	0	0	8
	04:00	0	0	0	0	0	0	0	2	2	1	3	0	0	0	0	0	8
	04:15	0	0	0	0	0	1	0	1	4	1	5	3	1	0	0	0	16
	04:30	0	0	0	0	0	0	1	0	1	6	4	1	1	0	0	0	14
	04:45	0	0	0	0	0	0	1	1	1	3	7	1	0	0	0	0	14
	05:00	0	0	0	0	0	0	0	2	2	5	2	1	1	0	0	0	13
	05:15	0	0	0	0	1	0	0	2	0	7	12	2	0	0	0	0	24
	05:30	0	0	0	0	0	0	0	4	2	5	10	2	1	0	0	0	24
	05:45	0	0	0	0	0	0	3	1	1	6	16	1	0	0	0	0	28
	06:00	0	0	0	0	0	0	4	7	5	15	18	3	0	0	0	0	52
	06:15	0	0	0	0	2	1	1	3	6	12	22	1	3	0	0	0	51
	06:30	0	0	0	0	0	0	1	4	6	16	23	15	0	1	0	0	66
	06:45	0	0	0	0	0	0	1	5	1	18	39	10	2	0	0	0	76
	07:00	0	0	0	0	0	1	0	6	8	22	25	9	2	1	0	0	74
	07:15	0	0	0	0	0	0	3	5	6	25	46	14	1	0	0	0	100
	07:30	0	0	0	0	0	0	3	2	12	23	29	17	1	0	0	0	87
	07:45	0	0	0	0	0	0	0	1	9	20	39	11	1	0	0	0	81
	08:00	0	0	0	0	0	1	2	2	8	26	30	6	2	0	0	0	77
	08:15	0	0	0	0	0	0	0	5	10	33	31	6	0	0	0	0	85
	08:30	0	0	0	0	0	0	1	4	10	20	26	9	1	0	0	0	71
	08:45	0	0	0	0	0	0	0	3	7	37	35	10	2	0	0	0	94
	09:00	0	0	0	0	0	0	1	9	10	34	26	6	2	0	0	0	88
	09:15	0	0	0	0	0	1	0	4	12	15	25	10	2	0	0	0	69
	09:30	2	0	0	0	2	0	2	4	8	15	18	10	0	0	1	0	62
	09:45	0	0	0	0	0	0	2	7	8	26	28	12	0	0	0	0	83
	10:00	0	0	0	0	0	0	0	3	12	30	31	1	1	1	0	0	79
	10:15	0	0	0	0	0	0	0	14	18	21	32	2	2	0	0	0	89
	10:30	0	0	0	0	0	0	0	3	5	21	24	15	3	0	0	0	71
	10:45	0	0	0	0	0	0	0	3	8	19	29	5	1	0	0	0	65
	11:00	0	0	0	0	0	0	1	2	6	19	27	10	1	3	0	0	69
	11:15	0	0	0	0	0	0	1	6	8	15	29	10	2	0	0	0	71
	11:30	1	0	0	0	0	2	0	2	11	17	29	9	3	0	0	0	74
	11:45	0	0	0	0	0	0	0	1	6	26	31	11	4	0	0	0	79
	12:00	0	0	0	0	0	0	2	2	11	22	21	8	5	0	0	0	71
	12:15	0	0	0	0	0	1	0	4	7	22	27	8	3	0	0	0	72

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	7	5	12	17	14	2	0	0	0	57
Tue	12:45	0	0	0	0	0	0	1	2	10	31	31	13	1	0	0	0	89
	13:00	0	0	0	0	0	0	1	4	7	24	43	13	5	1	0	0	98
	13:15	0	0	0	0	0	0	1	15	10	18	32	9	3	0	0	0	88
	13:30	0	0	0	0	0	0	1	5	10	29	29	11	7	0	0	0	92
	13:45	0	0	0	0	0	0	2	2	10	22	36	10	0	1	0	0	83
	14:00	0	0	0	0	0	0	2	6	9	33	23	12	3	2	0	0	90
	14:15	0	0	1	0	0	0	1	5	16	25	44	10	1	0	0	0	103
	14:30	0	0	0	0	0	0	0	5	7	23	37	13	3	2	0	0	90
	14:45	0	0	0	0	0	0	2	6	10	30	38	10	2	0	0	0	98
	15:00	0	0	0	0	0	0	1	3	9	28	31	14	0	1	0	0	87
	15:15	0	0	0	0	0	1	3	4	13	38	33	10	4	0	0	0	106
	15:30	0	0	0	0	0	0	0	0	10	18	35	13	2	0	0	0	78
	15:45	0	0	0	0	0	0	0	5	18	29	44	15	2	1	0	0	114
	16:00	0	0	0	0	0	1	0	4	8	29	61	14	3	1	0	0	121
	16:15	0	0	0	0	0	0	0	7	7	30	35	21	3	0	0	0	103
	16:30	0	0	0	0	0	0	0	5	17	42	49	14	2	0	0	0	129
	16:45	0	0	0	0	0	0	1	6	14	27	49	23	3	0	0	0	123
	17:00	0	0	0	0	0	0	0	6	4	40	62	23	2	0	0	0	137
	17:15	0	0	0	0	0	1	0	0	8	27	83	23	2	0	0	0	144
	17:30	0	0	0	0	0	0	0	2	14	28	59	13	2	0	0	0	118
	17:45	0	0	0	0	0	0	0	1	9	24	52	18	1	0	1	0	106
	18:00	0	0	0	0	0	1	1	4	4	35	31	12	0	0	0	0	88
	18:15	1	0	0	0	0	0	0	5	14	27	43	13	1	0	0	0	104
	18:30	0	0	0	0	0	0	2	4	10	21	36	10	1	0	0	0	84
	18:45	0	0	0	0	0	0	0	2	8	21	33	13	4	0	0	0	81
	19:00	0	0	0	0	0	0	0	2	4	22	41	7	1	0	0	0	77
	19:15	0	0	0	0	0	0	1	3	5	32	32	11	0	1	0	0	85
	19:30	0	0	0	0	0	0	0	1	4	18	28	4	2	1	1	0	59
	19:45	0	0	0	0	0	1	0	8	7	26	35	2	0	0	0	0	79
	20:00	0	0	0	0	0	0	1	1	8	27	26	3	0	0	0	0	66
	20:15	0	0	0	0	0	0	1	6	11	30	29	6	0	0	0	0	83
	20:30	0	0	0	0	0	1	2	2	9	15	21	4	1	0	0	0	55
	20:45	0	0	0	0	0	0	1	9	9	14	19	7	0	0	0	0	59
	21:00	0	0	0	0	0	0	2	6	6	16	25	3	0	0	0	0	58
	21:15	0	0	0	0	0	0	1	2	4	19	15	2	0	0	0	0	43
	21:30	0	0	0	0	1	1	0	1	1	12	25	2	1	0	0	0	44
	21:45	0	0	0	0	0	0	0	2	2	10	12	1	0	0	0	0	27
	22:00	0	0	0	0	0	1	0	1	5	9	12	0	2	0	0	0	30
	22:15	0	0	0	0	0	0	0	1	6	10	14	1	0	0	0	0	32
	22:30	0	0	0	0	0	0	0	3	5	13	13	1	1	0	0	0	36
	22:45	0	0	0	0	1	0	1	5	3	8	4	5	0	0	0	0	27
	23:00	0	0	0	0	0	1	0	1	5	6	5	1	0	0	0	0	19
	23:15	0	0	0	0	0	0	2	0	3	4	9	1	0	0	0	0	19
	23:30	0	0	0	0	1	0	0	1	2	5	4	0	1	0	0	0	14
	23:45	0	0	0	0	1	0	0	2	2	2	12	0	0	0	0	0	19

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		4	0	2	1	9	20	64	310	623	1658	2286	680	116	18	3	0	5794
Percent :		0%	0%	0%	0%	0%	0%	1%	5%	11%	29%	39%	12%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	1	3	6	17	24	7	1	0	0	0	74

Speeds - Average: 64.6 50% : 65.5 67% : 67.7 85% : 70.0 10mph Pace: 60.1 - 70.0 (68.1%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	3	5	4	1	0	0	0	0	13
Wed	00:15	0	0	0	0	0	0	0	1	1	5	6	0	0	0	0	0	13
	00:30	0	0	0	0	0	0	0	0	2	4	5	0	0	0	0	0	11
	00:45	0	0	0	0	0	0	0	1	4	3	7	0	0	0	0	0	15
	01:00	0	0	0	0	0	0	0	1	0	1	2	2	0	0	0	0	6
	01:15	0	0	0	0	0	0	0	1	0	5	6	1	0	0	0	0	13
	01:30	0	0	0	0	0	0	0	5	0	1	1	0	0	0	0	0	7
	01:45	0	0	0	0	0	0	0	2	2	4	2	0	0	0	0	0	10
	02:00	0	0	0	0	0	2	0	1	1	4	2	0	0	0	0	0	10
	02:15	0	0	0	0	0	0	0	0	3	4	7	0	0	0	0	0	14
	02:30	0	0	0	0	0	0	0	0	0	2	6	1	0	0	0	0	9
	02:45	0	0	0	0	0	0	2	3	3	1	0	0	1	0	0	0	10
	03:00	0	0	0	0	0	0	0	2	1	1	8	0	1	0	0	0	13
	03:15	0	0	0	0	0	0	0	1	0	4	3	1	1	0	0	0	10
	03:30	0	0	0	0	0	1	0	1	1	5	0	0	0	0	0	0	8
	03:45	0	0	0	0	0	0	1	0	1	1	3	0	1	0	0	0	7
	04:00	0	0	0	0	0	0	0	1	2	3	5	0	1	0	0	0	12
	04:15	0	0	0	0	0	0	0	2	2	1	2	3	0	0	0	0	10
	04:30	0	0	0	0	0	0	2	3	0	5	5	1	0	0	0	0	16
	04:45	0	0	0	0	0	0	2	1	0	8	9	1	0	0	0	0	21
	05:00	0	0	0	0	1	0	1	1	2	3	10	0	0	0	0	0	18
	05:15	0	0	0	0	0	0	0	1	4	8	7	5	0	1	0	0	26
	05:30	0	0	0	0	0	0	1	1	3	4	11	6	0	0	0	0	26
	05:45	0	0	0	0	0	1	2	3	4	10	11	2	0	0	0	0	33
	06:00	0	0	0	0	0	0	1	2	3	20	15	5	0	0	0	0	46
	06:15	0	0	0	0	0	0	3	7	6	11	26	10	2	0	0	0	65
	06:30	1	0	0	0	0	4	1	3	7	11	15	13	3	0	1	0	59
	06:45	0	0	0	0	0	0	0	4	2	13	26	13	4	0	0	0	62
	07:00	0	0	0	0	0	1	2	3	11	20	37	14	1	1	0	0	90
	07:15	0	0	0	0	1	0	2	3	4	15	39	10	5	1	0	0	80
	07:30	0	0	0	0	0	0	1	6	9	27	31	13	2	0	0	0	89
	07:45	0	0	0	0	0	0	2	4	3	14	41	9	2	1	0	0	76
	08:00	0	0	0	0	0	0	1	6	10	18	35	14	3	1	1	0	89
	08:15	0	0	0	0	0	0	3	3	7	17	36	10	1	0	0	0	77
	08:30	1	0	0	0	0	0	0	1	11	24	35	14	3	1	1	0	91
	08:45	0	0	0	0	0	0	0	3	9	20	38	9	5	1	0	0	85
	09:00	0	0	0	0	0	0	0	5	7	24	38	8	3	0	0	0	85
	09:15	0	0	0	0	0	1	3	2	8	25	29	15	2	0	0	0	85
	09:30	0	0	0	0	0	0	2	6	10	15	31	8	1	0	0	0	73
	09:45	0	0	0	0	0	1	3	2	7	17	27	19	0	0	1	0	77
	10:00	0	0	0	1	0	0	2	9	6	28	21	5	2	0	0	0	74
	10:15	0	0	0	0	0	0	1	4	7	18	21	8	3	0	0	0	62
	10:30	0	0	0	0	0	0	5	7	8	18	35	11	1	0	1	0	86
	10:45	0	0	0	0	0	0	6	10	8	22	31	5	3	0	0	0	85
	11:00	2	0	0	0	0	0	2	6	5	16	17	10	3	0	0	0	61
	11:15	0	0	0	0	0	1	0	4	11	26	24	6	1	0	0	0	73
	11:30	0	0	0	0	0	0	0	0	12	19	26	13	1	0	0	0	71
	11:45	0	0	0	0	0	0	4	7	6	15	28	11	1	0	0	0	72
	12:00	1	0	0	0	0	0	2	8	9	15	38	17	2	0	0	0	92
	12:15	0	0	0	0	0	0	3	8	6	14	41	12	3	0	0	0	87

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	1	11	16	22	31	9	2	0	0	0	92
Wed	12:45	0	0	0	0	0	0	1	1	14	22	38	12	3	1	0	0	92
	13:00	0	0	0	0	0	0	1	3	12	25	33	12	4	0	0	0	90
	13:15	0	0	0	0	0	0	2	8	10	27	39	9	5	0	0	0	100
	13:30	0	0	0	0	0	1	0	6	7	23	36	20	1	0	0	0	94
	13:45	1	0	0	0	0	0	1	5	10	32	44	13	2	0	0	0	108
	14:00	0	0	0	0	0	0	0	6	3	30	40	10	0	1	0	0	90
	14:15	0	0	0	0	0	0	0	4	9	20	52	16	3	0	1	0	105
	14:30	0	0	0	0	0	0	0	7	16	18	44	15	1	1	0	0	102
	14:45	0	0	0	0	0	0	4	6	12	29	37	13	0	0	0	0	101
	15:00	1	1	0	0	0	1	0	3	11	27	36	12	3	0	0	0	95
	15:15	0	0	0	0	0	2	3	5	14	31	36	15	2	1	0	0	109
	15:30	0	0	0	0	0	2	0	6	15	37	47	14	0	0	0	0	121
	15:45	0	0	0	0	0	1	2	7	15	30	51	15	2	0	0	0	123
	16:00	0	0	0	0	0	2	13	14	9	20	52	15	0	0	0	0	125
	16:15	0	0	0	0	0	0	1	11	16	28	52	7	3	0	0	0	118
	16:30	0	0	0	0	1	0	2	12	11	27	44	11	2	0	0	0	110
	16:45	1	0	0	0	0	4	0	2	11	41	67	18	3	0	0	0	147
	17:00	0	0	0	0	0	1	1	8	5	49	51	12	2	0	0	0	129
	17:15	0	0	0	0	0	0	1	2	14	23	88	25	0	0	0	0	153
	17:30	0	0	0	0	0	0	1	8	11	29	70	11	1	0	0	0	131
	17:45	0	0	0	0	0	0	0	5	13	46	52	16	2	0	0	0	134
	18:00	1	0	0	0	0	0	2	10	16	30	39	0	0	0	0	0	98
	18:15	0	0	0	0	1	2	5	10	22	29	28	2	0	0	0	0	99
	18:30	0	0	0	0	0	0	2	5	10	24	23	1	0	0	0	0	65
	18:45	0	0	0	0	0	0	1	3	8	22	37	7	0	0	0	0	78
	19:00	0	0	0	0	0	0	2	6	7	18	27	6	0	0	0	0	66
	19:15	0	0	0	0	1	0	2	1	10	19	28	2	0	0	0	0	63
	19:30	0	0	0	0	0	0	1	0	5	25	23	8	0	1	0	0	63
	19:45	0	0	0	0	0	0	3	7	8	18	17	1	0	0	0	0	54
	20:00	0	0	0	0	0	0	2	2	9	24	15	3	0	0	0	0	55
	20:15	0	0	0	0	0	1	3	6	16	23	18	1	0	0	0	0	68
	20:30	0	0	0	0	0	2	2	1	11	16	13	3	0	0	0	0	48
	20:45	0	0	0	0	0	0	0	1	13	18	17	8	0	1	0	0	58
	21:00	0	0	0	0	0	0	3	2	9	20	12	3	0	0	0	0	49
	21:15	0	0	0	0	0	0	2	4	5	14	19	7	0	0	0	0	51
	21:30	0	0	0	0	0	0	0	3	13	11	14	3	0	0	0	0	44
	21:45	0	0	0	0	0	0	2	0	10	18	9	2	0	0	0	0	41
	22:00	0	0	0	0	0	0	1	5	3	12	11	2	0	0	0	0	34
	22:15	0	0	0	0	0	1	0	0	6	12	13	2	1	0	0	0	35
	22:30	0	0	0	0	0	1	0	5	8	10	12	0	0	1	0	0	37
	22:45	0	0	0	0	0	0	0	0	1	12	7	0	0	0	0	0	20
	23:00	0	0	0	0	0	0	1	1	1	8	9	3	0	0	0	0	23
	23:15	0	0	0	1	1	0	0	3	2	6	9	2	0	0	0	0	24
	23:30	0	0	0	0	0	0	0	1	2	6	13	1	0	0	0	0	23
	23:45	0	0	0	0	0	0	0	0	1	7	6	0	0	0	0	0	14

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		9	1	0	2	6	33	128	371	681	1612	2362	673	104	14	6	0	6002
	Percent :	0%	0%	0%	0%	0%	1%	2%	6%	11%	27%	39%	11%	2%	0%	0%	0%	
	Average :	0	0	0	0	0	0	1	4	7	17	25	7	1	0	0	0	59

Speeds - Average: 64.2 50% : 65.4 67% : 67.5 85% : 69.8 10mph Pace: 60.1 - 70.0 (66.2%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	2	0	1	3	7	0	0	0	0	0	13
Thu	00:15	0	0	0	0	0	0	0	0	0	5	5	1	0	0	0	0	11
	00:30	0	0	0	0	0	0	0	1	1	8	6	2	0	0	0	0	18
	00:45	0	0	0	0	1	0	0	2	1	3	3	2	1	0	0	0	13
	01:00	0	0	0	0	0	0	1	0	0	2	4	0	0	0	0	0	7
	01:15	0	0	0	0	0	0	0	2	1	2	3	0	0	0	0	0	8
	01:30	0	0	0	0	0	0	1	0	2	1	5	0	0	0	0	0	9
	01:45	0	0	0	0	0	0	0	2	0	6	1	0	0	0	0	0	9
	02:00	0	0	0	0	0	0	0	2	2	2	3	0	0	0	0	0	9
	02:15	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
	02:30	0	0	0	0	0	0	0	1	1	0	2	3	1	0	0	0	8
	02:45	0	0	0	0	0	0	1	1	5	3	2	1	0	0	0	0	13
	03:00	0	0	0	0	0	0	0	0	2	3	4	1	0	0	0	0	10
	03:15	0	0	0	0	0	1	1	0	3	2	1	1	0	0	0	0	9
	03:30	0	0	0	0	0	0	0	1	0	3	2	1	0	0	0	0	7
	03:45	0	0	0	0	0	0	1	3	2	3	5	1	0	0	0	0	15
	04:00	0	0	0	0	0	0	2	1	0	1	4	1	0	0	0	0	9
	04:15	0	0	0	0	0	0	0	3	1	3	3	3	0	0	0	0	13
	04:30	0	0	0	0	0	1	1	2	1	8	9	1	0	0	0	0	23
	04:45	0	0	0	0	0	0	0	2	1	5	8	2	0	0	1	0	19
	05:00	0	0	0	0	0	0	3	2	5	9	4	0	1	0	0	0	24
	05:15	0	0	0	0	0	1	2	5	4	5	15	3	0	0	0	0	35
	05:30	0	0	0	0	0	0	1	8	1	4	8	4	0	0	0	0	26
	05:45	0	0	0	0	0	0	2	3	1	7	10	4	1	1	0	0	29
	06:00	0	0	0	0	0	0	1	4	7	9	16	3	0	0	0	0	40
	06:15	0	0	0	0	0	0	1	8	7	15	21	4	0	0	0	0	56
	06:30	0	0	0	0	0	1	1	2	5	19	24	8	3	1	0	0	64
	06:45	0	0	0	0	0	0	2	4	5	20	23	8	1	0	0	0	63
	07:00	0	0	0	0	0	1	2	4	6	22	33	8	3	0	0	0	79
Daily Total :		0	0	0	0	1	5	25	63	65	174	235	62	11	2	1	0	644
Percent :		0%	0%	0%	0%	0%	1%	4%	10%	10%	27%	36%	10%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	1	2	2	6	8	2	0	0	0	0	62

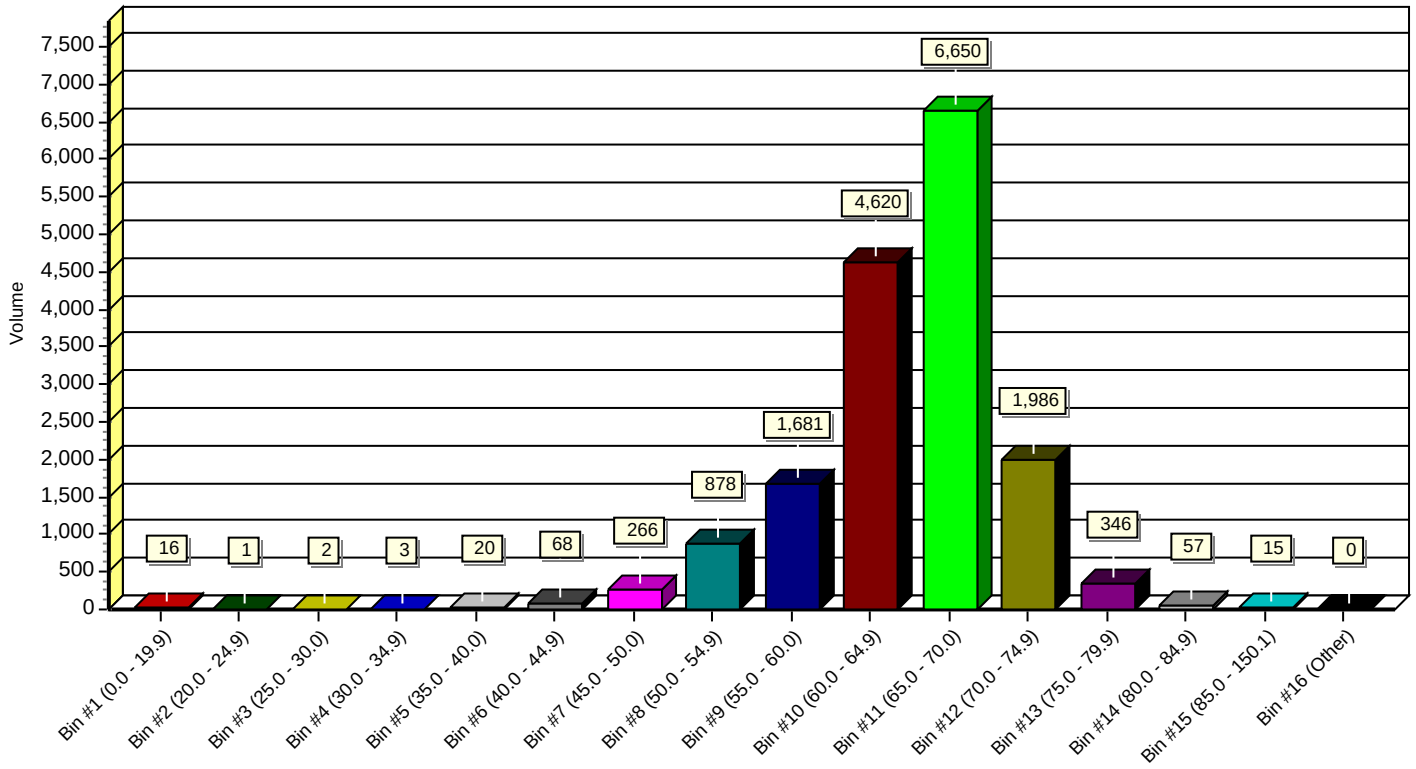
Speeds - Average: 63.4 50% : 64.7 67% : 67.1 85% : 69.5 10mph Pace: 60.1 - 70.0 (63.5%)

Basic Speed Class Summary: 2D0061456

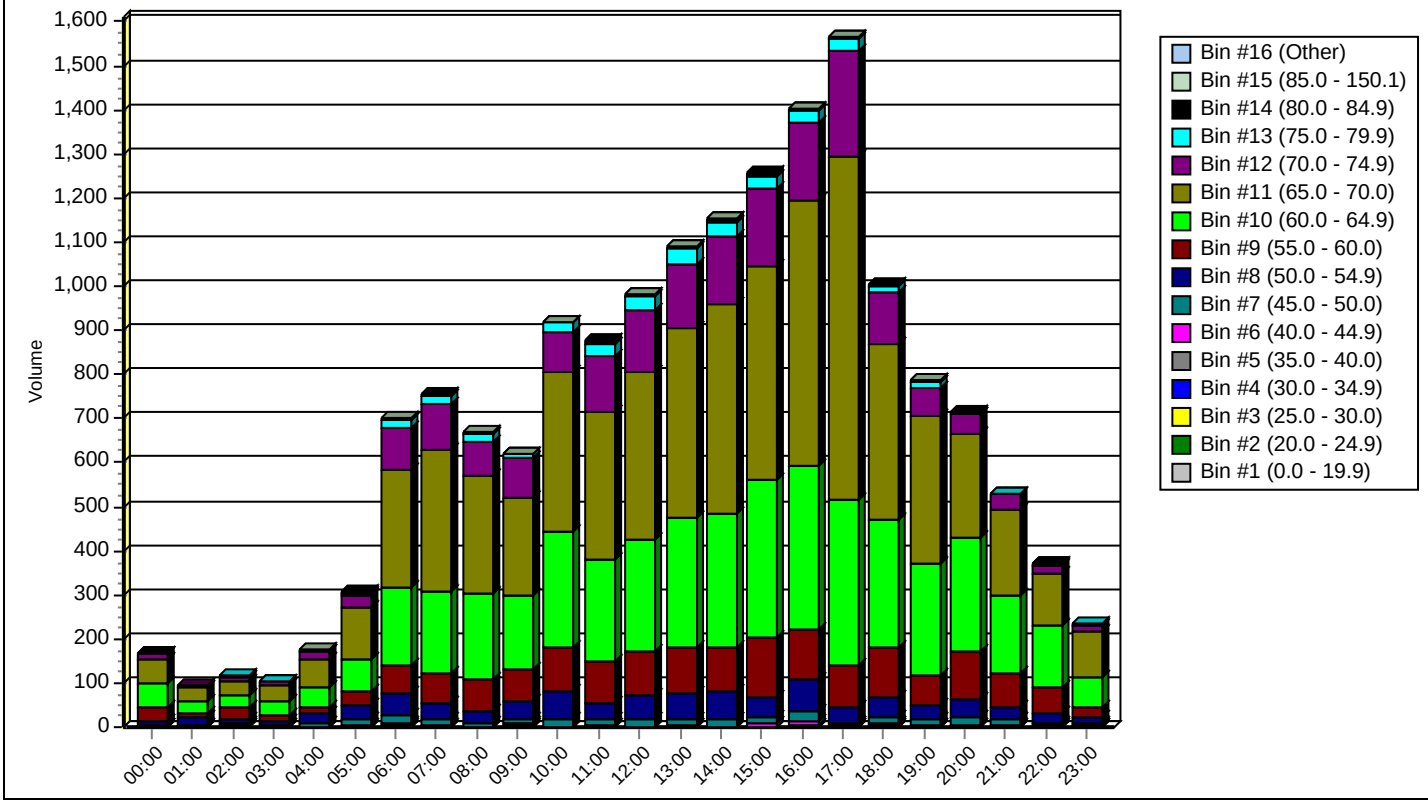
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	16	1	2	3	20	68	266	878	1681	4620	6650	1986	346	57	15	0	16609
		16	1	2	3	20	68	266	878	1681	4620	6650	1986	346	57	15	0	16609
Percents :	#1.	0%	0%	0%	0%	0%	0%	2%	5%	10%	28%	40%	12%	2%	0%	0%	0%	100%
		0%	0%	0%	0%	0%	0%	2%	5%	10%	28%	40%	12%	2%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	1	3	6	17	24	7	1	0	0	0	59
		0	0	0	0	0	0	1	3	6	17	24	7	1	0	0	0	59
Days & ADT :	#1.	2.8	5756															
		2.8	5756															
Avg,50,67,85%:	#1.	64.6	65.6	67.7	70.0	60.1	- 70.0	68%										
		64.6	65.6	67.7	70.0	60.1	- 70.0	68%										

2D0061456 Speed Class Charts For Data From: 10:00 - 04/11/2011 To: 07:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 2P0061456

Station ID : 2P0061456
Info Line 1 : 90994560
Info Line 2 : I-90 E JOHNSON
GPS Lat/Lon :
DB File : 2P0061456.DB

Last Connected Device Type : Unic-L
Version Number : 1.51
Serial Number : 11451
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST PASSING	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 09:45 - 04/11/2011 To: 07:29 - 04/14/2011

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	09:45	0	5	6	0	0	0	0	0	1	0	0	0	0	0	12
Mon	10:00	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
	10:15	0	7	9	0	1	0	0	0	0	0	0	0	0	0	17
	10:30	0	9	2	0	0	0	0	0	1	0	0	0	0	0	12
	10:45	0	7	9	0	0	0	0	0	0	0	0	0	1	0	17
	11:00	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
	11:15	0	8	9	0	0	0	0	0	0	0	0	0	1	0	18
	11:30	0	13	15	1	0	0	0	0	0	0	0	0	1	1	31
	11:45	0	11	4	0	0	0	0	0	0	0	0	0	0	0	15
	12:00	0	6	8	0	0	0	0	0	1	0	0	0	0	0	15
	12:15	1	6	14	0	0	0	0	0	0	0	0	0	0	0	21
	12:30	0	13	4	0	0	0	0	0	0	0	0	0	0	1	18
	12:45	0	13	5	0	0	0	0	0	0	0	0	0	0	0	18
	13:00	1	22	18	0	0	0	0	0	2	0	0	0	0	0	43
	13:15	0	14	20	1	0	0	0	1	1	0	0	0	0	0	37
	13:30	0	7	12	1	0	0	0	0	0	0	0	0	0	0	20
	13:45	0	10	10	0	0	2	0	1	0	0	0	0	0	0	23
	14:00	0	16	14	0	0	0	0	0	0	0	0	0	0	0	30
	14:15	0	14	14	0	0	0	0	2	1	0	0	0	0	0	31
	14:30	0	15	17	0	1	1	0	0	1	0	0	0	0	0	35
	14:45	0	16	14	0	0	0	0	0	1	0	0	0	0	0	31
	15:00	0	16	11	0	0	0	0	0	1	0	0	0	1	0	29
	15:15	1	18	19	0	0	0	0	0	2	0	0	0	0	0	40
	15:30	0	23	13	0	0	0	0	0	0	0	0	0	0	0	36
	15:45	0	17	7	0	0	1	0	0	0	0	0	0	1	0	26
	16:00	0	16	13	0	0	1	0	0	1	0	0	0	0	1	32
	16:15	0	22	18	0	0	0	0	0	2	0	0	0	0	0	42
	16:30	0	31	16	0	0	0	0	1	2	0	0	0	0	0	50
	16:45	1	35	24	0	0	0	0	0	2	0	0	0	0	0	62
	17:00	0	25	21	1	0	0	0	0	0	0	0	0	0	1	48
	17:15	0	34	25	0	0	0	0	0	1	0	0	0	0	0	60
	17:30	2	30	25	0	0	0	0	0	1	0	0	0	0	1	59
	17:45	0	24	21	0	0	0	0	0	0	0	0	0	0	0	45
	18:00	0	17	14	0	0	0	0	1	1	0	0	0	0	0	33

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	18:15	0	8	9	0	1	0	0	0	0	0	0	0	0	0	18
Mon	18:30	0	9	12	0	0	0	0	0	0	0	0	0	0	0	21
	18:45	0	3	7	0	0	0	0	0	0	0	0	0	0	0	10
	19:00	0	7	10	0	0	0	0	0	0	0	0	0	0	0	17
	19:15	0	9	10	0	0	0	0	0	0	0	0	1	0	0	20
	19:30	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
	19:45	0	8	7	0	0	0	0	0	1	0	0	0	0	0	16
	20:00	0	7	4	0	0	0	0	0	0	0	0	0	2	0	13
	20:15	0	8	4	0	0	0	0	0	0	0	0	0	1	0	13
	20:30	0	6	3	0	0	0	0	0	0	0	0	0	0	0	9
	20:45	0	5	5	0	0	0	0	0	1	0	0	0	0	0	11
	21:00	0	8	3	0	0	0	0	0	0	0	0	0	0	0	11
	21:15	0	7	3	0	1	0	0	0	0	0	0	0	0	0	11
	21:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	21:45	0	3	0	1	0	0	0	0	1	0	0	0	0	0	5
	22:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
	22:15	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	22:30	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	22:45	0	3	1	0	0	1	0	1	0	0	0	0	0	0	6
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	23:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	23:45	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
Daily Total :		6	633	532	5	4	6	0	7	26	0	0	1	8	5	1233
	Percent :	0%	51%	43%	0%	0%	0%	0%	1%	2%	0%	0%	0%	1%	0%	
	Average :	0	11	9	0	0	0	0	0	0	0	0	0	0	0	20

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	01:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:30	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
	05:00	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2
	05:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:30	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:45	0	0	2	0	0	0	0	1	1	0	0	0	0	0	4
	06:00	0	3	5	1	0	0	0	0	0	0	0	0	0	0	9
	06:15	1	0	4	0	1	1	0	0	0	0	0	0	0	0	7
	06:30	0	3	7	0	0	0	0	0	1	0	0	0	0	0	11
	06:45	0	7	4	1	0	0	0	0	0	0	0	0	0	0	12
	07:00	0	5	5	0	0	1	0	0	1	0	0	0	0	0	12
	07:15	0	9	10	0	0	0	0	2	1	0	0	0	1	1	24
	07:30	0	6	8	0	1	0	0	1	0	0	0	0	0	0	16
	07:45	0	9	3	0	0	0	0	0	1	0	0	0	0	0	13
	08:00	0	12	10	0	0	0	0	0	1	0	0	0	0	0	23
	08:15	0	5	5	0	0	0	0	0	1	0	0	0	0	0	11
	08:30	0	10	7	0	0	0	0	0	1	2	0	0	0	1	21
	08:45	0	8	11	0	0	1	0	0	1	0	0	0	0	0	21
	09:00	0	6	16	0	0	0	0	0	1	1	0	0	0	0	24
	09:15	0	6	3	1	0	0	0	0	2	0	0	0	0	0	12
	09:30	0	14	7	1	1	0	0	1	6	0	0	0	0	0	30
	09:45	0	9	8	0	0	0	0	0	2	0	0	0	0	0	19
	10:00	0	5	1	0	0	0	0	0	2	0	0	0	0	0	8
	10:15	0	8	4	0	2	0	0	0	0	0	0	0	1	0	15
	10:30	0	8	8	0	0	0	0	0	0	0	0	0	0	0	16
	10:45	0	13	9	0	0	1	0	0	1	0	0	0	1	0	25
	11:00	0	6	10	0	0	0	0	0	2	0	0	0	0	0	18
	11:15	0	4	10	0	0	0	0	0	0	0	0	0	0	0	14
	11:30	0	13	11	0	1	1	0	0	0	0	0	0	1	0	27
	11:45	0	8	4	0	0	0	0	0	0	1	0	0	0	0	13
	12:00	0	7	6	0	0	0	0	0	0	0	0	0	0	0	13
	12:15	0	5	12	0	0	0	0	0	2	1	0	0	2	0	22

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	1	9	17	0	0	0	0	0	8	0	0	0	0	0	35
Tue	12:45	0	12	13	0	0	0	0	0	1	0	0	0	0	0	26
	13:00	0	2	10	0	0	0	0	0	1	0	0	0	0	0	13
	13:15	0	10	15	1	1	0	0	0	4	0	0	0	0	0	31
	13:30	0	13	8	0	0	0	0	0	5	0	0	0	0	1	27
	13:45	1	11	9	0	0	0	0	0	0	0	0	0	0	0	21
	14:00	0	11	15	0	0	0	0	1	2	0	0	0	1	0	30
	14:15	0	8	19	0	1	0	0	0	0	0	0	0	0	0	28
	14:30	0	11	9	0	0	0	0	0	4	0	0	1	0	0	25
	14:45	1	12	9	0	0	0	0	0	1	0	0	0	0	0	23
	15:00	0	16	12	0	0	0	0	0	0	0	0	0	0	0	28
	15:15	0	19	21	0	2	0	0	0	1	0	0	0	0	0	43
	15:30	1	16	9	0	0	0	0	0	0	1	0	0	0	0	27
	15:45	0	20	21	0	0	0	0	1	1	0	0	0	0	0	43
	16:00	0	17	17	0	0	0	0	1	1	0	0	0	0	0	36
	16:15	0	25	13	0	0	0	0	0	0	0	0	0	0	0	38
	16:30	0	27	23	0	0	0	0	0	4	0	0	0	0	1	55
	16:45	0	30	15	0	1	0	0	0	1	0	0	0	0	0	47
	17:00	0	31	27	1	0	0	0	0	1	0	0	0	0	0	60
	17:15	0	36	22	0	0	0	0	1	2	0	0	0	2	0	63
	17:30	0	40	27	0	1	0	0	0	1	0	0	0	0	0	69
	17:45	0	27	17	0	0	0	0	0	0	0	0	0	0	0	44
	18:00	0	16	7	0	0	0	0	0	1	0	0	0	0	0	24
	18:15	0	16	11	0	0	0	0	0	3	0	0	0	0	0	30
	18:30	1	14	8	0	0	0	0	0	1	0	0	0	0	0	24
	18:45	0	9	12	1	0	0	0	0	3	0	0	0	0	0	25
	19:00	0	14	7	0	0	0	0	0	2	0	0	0	1	0	24
	19:15	0	12	11	0	0	0	0	0	0	0	0	0	1	0	24
	19:30	0	8	8	0	0	0	0	0	1	1	0	0	0	0	18
	19:45	0	10	8	0	0	0	0	0	2	0	0	0	0	0	20
	20:00	0	7	6	1	0	0	0	0	0	0	0	0	0	0	14
	20:15	0	9	6	0	0	0	0	0	1	0	0	0	0	0	16
	20:30	0	8	7	0	0	0	0	0	2	0	0	0	0	0	17
	20:45	0	6	6	0	0	0	0	0	1	0	0	0	0	0	13
	21:00	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10
	21:15	0	1	4	0	0	0	0	0	1	0	0	0	0	0	6
	21:30	0	4	2	0	0	0	0	0	1	0	0	0	0	0	7
	21:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	22:00	0	2	0	0	0	0	0	0	1	2	0	0	0	0	5
	22:15	0	0	3	0	0	0	0	0	0	0	0	0	1	0	4
	22:30	0	3	0	0	0	1	0	0	0	0	0	0	0	0	4
	22:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	23:00	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
Daily Total :		7	753	661	8	13	6	0	9	91	10	0	1	12	4	1575
	Percent :	0%	48%	42%	1%	1%	0%	0%	1%	6%	1%	0%	0%	1%	0%	
	Average :	0	8	7	0	0	0	0	0	1	0	0	0	0	0	16

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	1	1	1	0	0	0	0	0	1	0	0	0	0	0	4
Wed	00:15	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	02:00	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
	02:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:15	0	2	2	0	1	0	0	0	1	0	0	0	0	0	6
	05:30	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	05:45	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	06:00	0	2	1	0	0	0	0	0	0	0	0	0	1	0	4
	06:15	0	5	7	0	0	0	0	0	0	0	0	0	0	0	12
	06:30	0	4	4	1	0	0	0	0	2	0	0	0	0	0	11
	06:45	0	4	7	0	0	0	0	0	1	0	0	0	0	0	12
	07:00	0	12	11	1	0	0	0	0	2	0	0	0	0	0	26
	07:15	0	12	3	0	0	0	0	1	0	0	0	0	1	0	17
	07:30	0	11	11	1	0	0	0	0	4	0	0	0	0	0	27
	07:45	0	8	8	0	0	0	0	0	0	0	0	0	0	0	16
	08:00	0	14	13	0	0	0	0	0	2	0	0	0	1	0	30
	08:15	0	9	12	0	1	0	0	0	1	0	0	0	1	0	24
	08:30	0	10	8	0	0	0	0	0	2	0	0	0	0	0	20
	08:45	0	10	14	0	0	1	0	0	0	0	0	0	0	1	26
	09:00	0	16	16	0	0	0	0	0	0	0	0	0	0	0	32
	09:15	0	7	8	1	0	0	0	0	0	0	0	0	0	0	16
	09:30	0	13	10	0	0	0	0	0	2	0	0	0	0	0	25
	09:45	0	11	9	0	0	2	0	0	2	0	0	0	1	0	25
	10:00	0	5	13	0	0	0	0	0	2	0	0	0	0	0	20
	10:15	0	6	8	0	1	0	0	0	2	0	0	0	0	0	17
	10:30	0	10	7	1	0	0	0	0	1	0	0	0	0	0	19
	10:45	0	6	9	0	2	0	0	0	0	0	0	0	0	0	17
	11:00	0	10	10	0	0	0	0	0	3	1	0	0	0	0	24
	11:15	0	4	7	0	0	0	0	0	2	1	0	0	0	0	14
	11:30	0	15	4	0	1	0	0	0	1	0	0	0	0	0	21
	11:45	0	9	12	0	0	0	0	0	1	0	0	0	0	0	22
	12:00	0	11	8	0	0	1	0	2	1	0	0	0	0	0	23
	12:15	0	7	5	0	0	0	0	0	1	0	0	0	0	0	13

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	12	20	0	0	0	0	0	1	0	0	0	0	0	33
Wed	12:45	0	15	8	0	0	0	0	0	3	0	0	0	0	0	26
	13:00	0	5	9	0	0	0	0	0	3	1	0	0	0	0	18
	13:15	0	14	8	0	2	0	0	1	0	1	0	0	0	0	26
	13:30	0	12	13	0	2	0	0	0	0	0	0	0	0	0	27
	13:45	0	15	10	0	0	0	0	0	1	0	0	0	0	1	27
	14:00	0	11	12	0	0	0	0	0	0	1	0	0	1	1	26
	14:15	0	15	6	0	0	0	0	0	4	0	0	0	0	0	25
	14:30	0	14	18	0	0	0	0	0	1	0	0	0	0	0	33
	14:45	0	16	16	1	0	0	0	0	3	0	0	0	0	0	36
	15:00	0	18	15	0	0	0	0	0	9	0	0	0	1	0	43
	15:15	0	16	12	0	0	0	0	0	4	0	0	0	0	0	32
	15:30	0	20	16	0	0	0	0	0	3	1	0	0	0	0	40
	15:45	0	17	18	0	0	0	0	0	2	0	0	0	0	0	37
	16:00	0	32	18	0	1	0	0	1	1	1	0	0	0	0	54
	16:15	0	25	20	0	1	0	0	0	1	0	0	0	1	0	48
	16:30	0	17	29	0	1	0	0	1	5	0	0	0	0	0	53
	16:45	0	30	27	0	0	0	0	0	1	0	0	0	0	0	58
	17:00	1	41	22	0	0	0	0	0	3	0	0	0	0	0	67
	17:15	0	35	25	0	0	0	0	0	2	0	0	0	0	0	62
	17:30	0	42	21	0	0	0	0	0	1	0	0	0	0	0	64
	17:45	0	27	17	0	0	0	0	0	1	0	0	0	0	0	45
	18:00	0	9	10	0	0	0	0	1	2	0	0	0	0	0	22
	18:15	0	10	14	1	0	0	0	0	1	0	0	0	0	0	26
	18:30	0	7	6	0	0	0	0	0	0	0	0	0	1	0	14
	18:45	0	7	6	0	0	0	0	0	0	0	0	0	0	0	13
	19:00	0	7	8	0	0	1	0	0	1	0	1	0	0	0	18
	19:15	0	11	11	0	0	0	0	0	1	0	0	0	1	0	24
	19:30	0	8	3	0	0	0	0	0	1	0	0	0	0	0	12
	19:45	0	10	6	0	0	0	0	0	1	0	0	0	0	0	17
	20:00	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
	20:15	0	6	5	0	0	0	0	0	0	0	0	0	0	0	11
	20:30	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
	20:45	0	5	6	0	0	0	0	0	1	0	0	0	0	0	12
	21:00	0	7	3	0	0	0	0	0	2	0	0	0	0	0	12
	21:15	0	3	4	0	0	0	0	1	0	0	0	0	0	0	8
	21:30	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	21:45	0	3	3	0	0	0	0	0	1	0	0	0	0	0	7
	22:00	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4
	22:15	0	1	2	0	0	1	0	0	0	1	0	0	0	0	5
	22:30	0	3	1	0	0	0	0	0	1	0	0	0	0	0	5
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	3	0	0	0	0	0	1	0	0	0	0	0	4
	23:30	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
	23:45	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
Daily Total :		2	808	693	9	13	6	0	8	102	8	1	1	10	3	1664
Percent :		0%	49%	42%	1%	1%	0%	0%	0%	6%	0%	0%	0%	1%	0%	
Average :		0	8	7	0	0	0	0	0	1	0	0	0	0	0	16

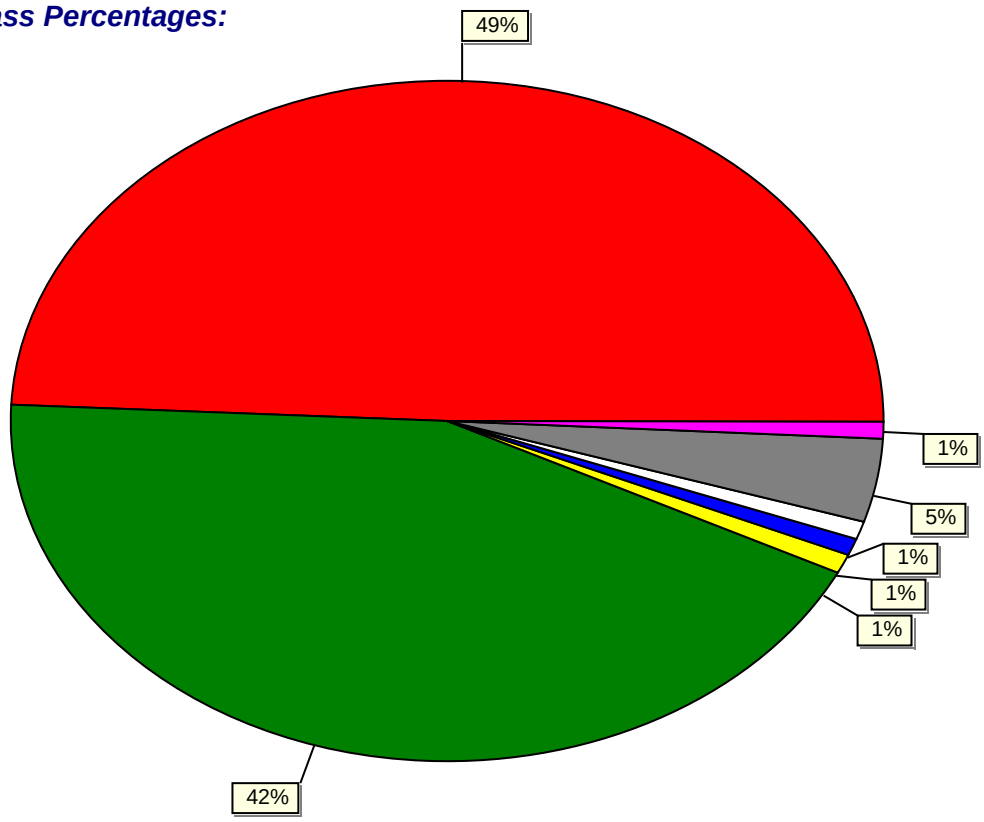
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	1	0	0	0	1	0	0	1	0	0	3
	03:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2
	04:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:15	0	2	2	0	0	0	0	0	1	1	0	0	0	0	6
	05:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:45	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	06:00	0	1	7	0	0	0	0	0	1	0	0	0	0	0	9
	06:15	0	5	2	0	0	0	0	0	2	0	0	0	0	0	9
	06:30	0	6	2	1	0	0	0	0	0	0	0	0	0	0	9
	06:45	0	6	5	0	0	0	0	0	0	0	0	0	0	0	11
	07:00	0	7	11	0	0	0	0	0	1	0	0	0	0	0	19
Daily Total :		0	35	35	1	3	0	0	1	9	2	0	1	0	0	87
Percent :		0%	40%	40%	1%	3%	0%	0%	1%	10%	2%	0%	1%	0%	0%	
Average :		0	1	1	0	0	0	0	0	0	0	0	0	0	0	2

Basic Axle Class Summary: 2P0061456

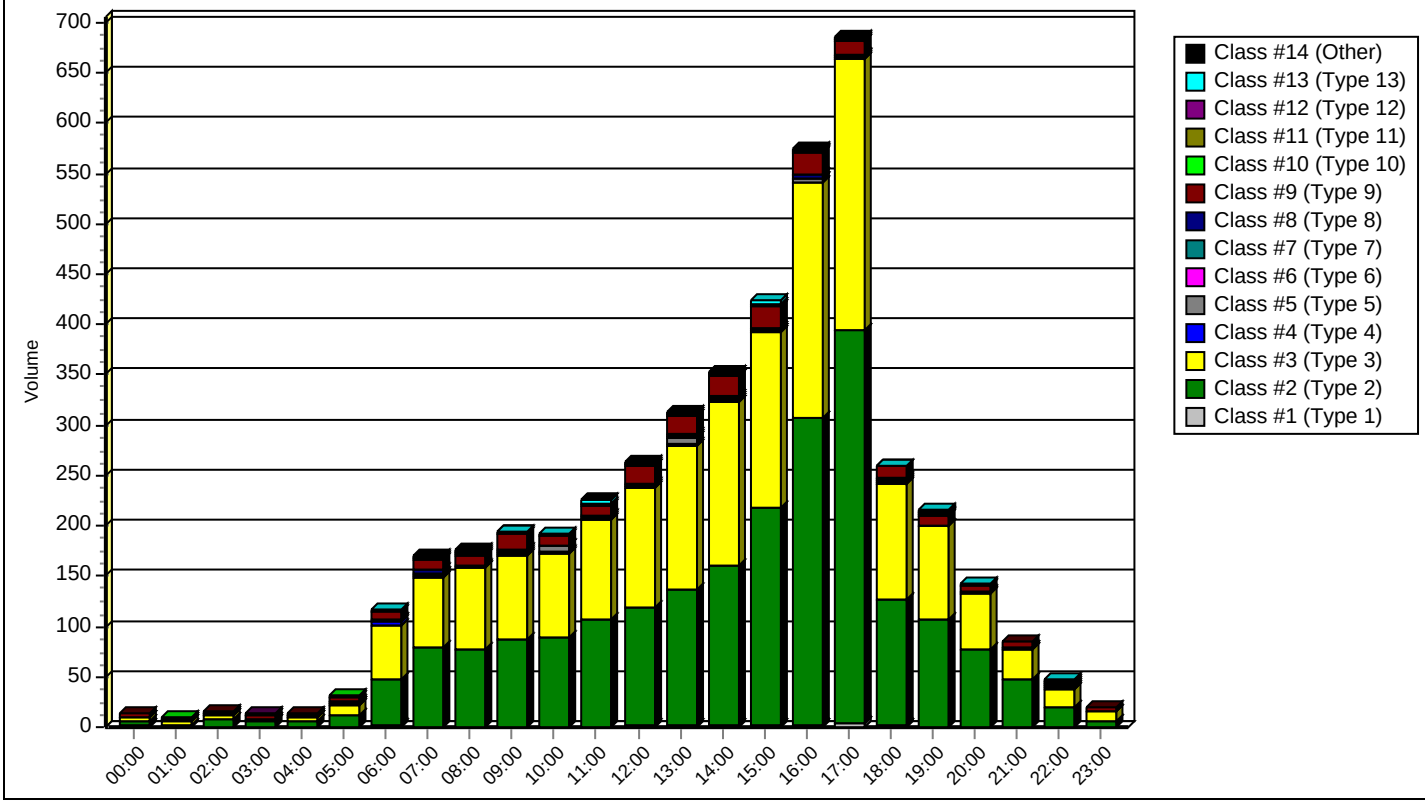
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	15	2229	1921	23	33	18	0	25	228	20	1	4	30	12	4559
		15	2229	1921	23	33	18	0	25	228	20	1	4	30	12	4559
Percents :	#1.	0%	49%	42%	1%	1%	0%	0%	1%	5%	0%	0%	0%	1%	0%	100%
		0%	49%	42%	1%	1%	0%	0%	1%	5%	0%	0%	0%	1%	0%	
Average :	#1.	0	8	7	0	0	0	0	0	1	0	0	0	0	0	16
		0	8	7	0	0	0	0	0	1	0	0	0	0	0	16
Days & ADT :	#1.	2.8	1574													
		2.8	1574													

2P0061456 Axle Class Charts For Data From: 09:45 - 04/11/2011 To: 07:29 - 04/14/2011

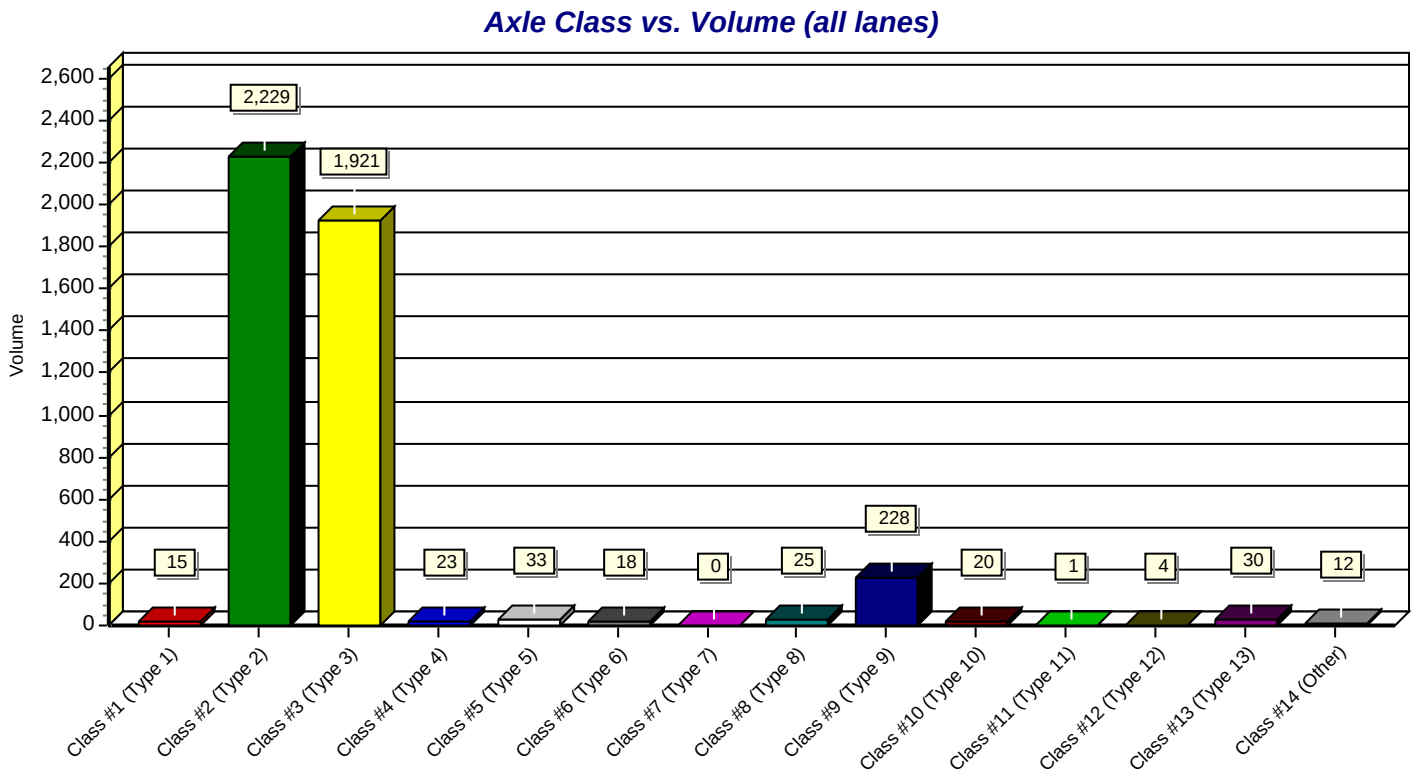
Axle Class Percentages:



Axle Class vs. Time (all lanes)



2P0061456 Axle Class Charts For Data From: 09:45 - 04/11/2011 To: 07:29 - 04/14/2011



Basic Speed Classification Report: 2P0061456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EAST PASSING	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 09:45 - 04/11/2011 To: 07:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	09:45	0	0	0	0	0	0	0	1	0	0	8	3	0	0	0	0	12
Mon	10:00	0	0	0	0	0	0	0	0	0	1	5	3	1	0	0	0	10
	10:15	0	0	0	0	0	0	0	0	0	1	5	9	2	0	0	0	17
	10:30	0	0	0	0	0	0	0	0	0	0	4	5	1	2	0	0	12
	10:45	0	0	0	0	0	0	0	0	1	0	3	8	3	2	0	0	17
	11:00	0	0	0	0	0	0	0	0	1	0	4	3	1	1	0	0	10
	11:15	0	0	0	0	0	0	0	0	0	0	3	8	4	3	0	0	18
	11:30	0	0	0	0	0	0	0	0	0	3	9	9	7	1	2	0	31
	11:45	0	0	0	0	0	0	0	0	0	1	4	6	3	1	0	0	15
	12:00	0	0	0	0	0	0	0	0	0	0	5	1	2	5	2	0	15
	12:15	0	0	0	0	0	0	0	0	0	1	5	11	2	1	1	0	21
	12:30	0	0	0	0	0	0	0	0	0	1	5	10	1	1	0	0	18
	12:45	0	0	0	0	0	0	0	0	0	0	6	8	3	1	0	0	18
	13:00	0	0	0	0	0	0	0	0	1	3	21	8	4	5	1	0	43
	13:15	0	0	0	0	0	0	0	0	3	3	14	8	8	1	0	0	37
	13:30	0	0	0	0	0	0	0	0	1	1	5	5	3	5	0	0	20
	13:45	0	0	0	0	0	0	0	0	0	1	10	7	3	1	1	0	23
	14:00	0	0	0	0	0	0	0	0	1	0	7	16	6	0	0	0	30
	14:15	0	0	0	0	0	0	0	0	1	0	15	10	2	3	0	0	31
	14:30	0	0	0	0	0	0	0	1	0	2	12	14	3	3	0	0	35
	14:45	0	0	0	0	0	0	0	0	1	1	13	12	1	2	1	0	31
	15:00	0	0	0	0	0	0	0	0	0	2	11	9	4	3	0	0	29
	15:15	0	0	0	0	0	0	0	0	0	3	17	15	3	0	2	0	40
	15:30	0	0	0	0	0	0	0	0	0	0	9	18	7	1	1	0	36
	15:45	0	0	0	0	0	0	0	0	0	2	12	7	4	1	0	0	26
	16:00	0	0	0	0	0	0	0	0	0	7	11	11	2	0	1	0	32
	16:15	0	0	0	0	0	0	0	0	2	1	17	17	4	0	1	0	42
	16:30	0	0	0	0	0	0	0	0	1	3	16	20	10	0	0	0	50
	16:45	0	0	0	0	0	0	0	0	0	1	26	24	7	4	0	0	62
	17:00	0	0	0	0	0	0	0	0	1	3	17	18	7	2	0	0	48
	17:15	0	0	0	0	0	0	0	0	0	4	14	32	7	2	1	0	60
	17:30	0	0	0	0	0	0	0	0	0	4	9	35	10	1	0	0	59
	17:45	0	0	0	0	0	0	0	0	0	3	7	26	6	2	1	0	45
	18:00	0	0	0	0	0	0	0	0	0	3	5	18	6	1	0	0	33
	18:15	0	0	0	0	0	0	0	0	0	0	5	10	2	1	0	0	18
	18:30	0	0	0	0	0	0	0	0	0	0	8	6	4	2	1	0	21
	18:45	0	0	0	0	0	0	0	0	0	0	3	4	3	0	0	0	10
	19:00	0	0	0	0	0	0	0	0	0	1	3	8	3	2	0	0	17
	19:15	0	0	0	0	0	0	0	0	0	0	9	5	6	0	0	0	20
	19:30	0	0	0	0	0	0	1	0	0	0	3	1	1	1	0	0	7

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	19:45	0	0	0	0	0	0	0	0	0	1	9	5	1	0	0	0	16
Mon	20:00	0	0	0	0	0	0	0	0	0	1	3	8	1	0	0	0	13
	20:15	0	0	0	0	0	0	0	0	0	0	5	6	2	0	0	0	13
	20:30	0	0	0	0	0	0	0	0	0	1	4	4	0	0	0	0	9
	20:45	0	0	0	0	0	0	0	0	0	0	5	6	0	0	0	0	11
	21:00	0	0	0	0	0	0	0	0	0	2	4	4	1	0	0	0	11
	21:15	0	0	0	0	0	0	0	0	1	3	5	2	0	0	0	0	11
	21:30	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	21:45	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
	22:00	0	0	0	0	0	1	0	0	0	0	1	2	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	3
	22:30	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	5
	22:45	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	0	6
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	23:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2
Daily Total :		0	0	0	0	0	2	1	2	15	67	416	491	162	61	16	0	1233
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	1%	5%	34%	40%	13%	5%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	7	9	3	1	0	0	16

Speeds - Average: 71.7 50% : 71.3 67% : 73.3 85% : 76.7 10mph Pace: 65.0 - 74.9 (73.6%)

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tue	00:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	00:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	03:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	04:45	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	05:45	0	0	0	0	0	0	0	1	0	0	1	2	0	0	0	0	4
	06:00	0	0	0	0	0	0	0	0	0	1	4	3	1	0	0	0	9
	06:15	0	0	0	0	0	0	0	1	0	0	5	1	0	0	0	0	7
	06:30	0	0	0	0	0	0	0	0	0	1	2	5	3	0	0	0	11
	06:45	0	0	0	0	0	0	0	0	0	1	5	5	1	0	0	0	12
	07:00	0	0	0	0	0	0	0	0	0	0	6	3	1	2	0	0	12
	07:15	0	0	0	0	0	0	0	0	0	1	8	8	6	1	0	0	24
	07:30	0	0	0	0	0	0	0	0	0	1	5	8	2	0	0	0	16
	07:45	0	0	0	0	0	0	0	0	0	3	5	3	2	0	0	0	13
	08:00	0	0	0	0	0	0	0	0	0	0	11	7	3	1	1	0	23
	08:15	0	0	0	0	0	0	0	0	0	0	6	3	2	0	0	0	11
	08:30	0	0	0	0	0	0	0	0	0	5	8	6	2	0	0	0	21
	08:45	0	0	0	0	0	0	0	0	0	2	9	8	1	1	0	0	21
	09:00	0	0	0	0	0	0	0	0	0	3	8	12	1	0	0	0	24
	09:15	0	0	0	0	0	0	0	0	0	0	5	4	3	0	0	0	12
	09:30	0	0	0	0	0	0	0	1	2	5	15	4	1	2	0	0	30
	09:45	0	0	0	0	0	0	0	0	0	1	6	10	1	0	1	0	19
	10:00	0	0	0	0	0	0	0	0	0	2	3	1	1	1	0	0	8
	10:15	0	0	0	0	1	0	0	0	0	4	9	0	1	0	0	0	15
	10:30	0	0	0	0	0	0	0	0	0	0	8	5	3	0	0	0	16
	10:45	0	0	0	0	0	0	0	0	0	5	8	9	2	1	0	0	25
	11:00	0	0	0	0	0	0	0	0	0	1	4	9	2	2	0	0	18
	11:15	0	0	0	0	0	0	0	0	0	0	8	4	2	0	0	0	14
	11:30	0	0	0	0	0	0	0	0	2	3	11	8	1	1	1	0	27
	11:45	0	0	0	0	0	0	0	0	0	0	4	6	1	1	1	0	13
	12:00	0	0	0	0	0	0	0	0	0	1	1	8	2	1	0	0	13
	12:15	0	0	0	0	0	0	0	0	1	0	9	7	3	2	0	0	22

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	1	0	0	5	6	10	8	4	0	1	0	35
Tue	12:45	0	0	0	0	0	0	0	0	0	0	6	16	3	1	0	0	26
	13:00	0	0	0	0	0	0	0	0	0	0	4	8	1	0	0	0	13
	13:15	0	0	0	0	0	0	0	0	1	5	12	10	3	0	0	0	31
	13:30	0	0	0	0	0	0	0	0	0	1	11	13	1	1	0	0	27
	13:45	0	0	0	0	0	0	0	0	0	0	5	7	5	3	1	0	21
	14:00	0	0	0	0	0	0	0	0	0	1	14	9	3	2	1	0	30
	14:15	0	0	0	0	0	0	0	0	0	2	11	8	6	1	0	0	28
	14:30	0	0	0	0	0	0	0	0	0	0	11	12	1	1	0	0	25
	14:45	0	0	0	0	0	0	0	0	0	1	7	10	5	0	0	0	23
	15:00	0	0	0	0	0	0	0	0	0	1	8	14	4	0	1	0	28
	15:15	0	0	0	0	0	0	0	0	2	3	21	15	1	1	0	0	43
	15:30	0	0	0	0	0	0	0	0	0	1	10	11	4	1	0	0	27
	15:45	0	0	0	0	0	0	0	0	1	2	19	10	8	3	0	0	43
	16:00	0	0	0	0	0	0	0	0	0	0	15	19	2	0	0	0	36
	16:15	0	0	0	0	0	0	0	0	1	2	11	19	3	2	0	0	38
	16:30	0	0	0	0	0	0	0	0	1	6	20	23	4	1	0	0	55
	16:45	0	0	0	0	0	0	0	0	2	1	9	25	8	2	0	0	47
	17:00	0	0	0	0	0	0	0	0	0	5	20	27	7	1	0	0	60
	17:15	0	0	0	0	0	0	0	0	1	1	25	29	6	1	0	0	63
	17:30	0	0	0	0	0	0	0	0	0	2	32	28	7	0	0	0	69
	17:45	0	0	0	0	0	0	0	0	0	1	21	20	1	0	1	0	44
	18:00	0	0	0	0	0	0	0	1	0	1	12	9	1	0	0	0	24
	18:15	0	0	0	0	0	0	0	0	0	3	6	18	3	0	0	0	30
	18:30	0	0	0	0	0	0	0	0	1	0	8	12	2	1	0	0	24
	18:45	0	0	0	0	0	0	0	0	0	3	6	11	5	0	0	0	25
	19:00	0	0	0	0	0	0	0	0	0	1	11	9	2	1	0	0	24
	19:15	0	0	0	0	0	0	0	0	1	1	12	9	1	0	0	0	24
	19:30	0	0	0	0	0	0	0	0	0	0	6	11	1	0	0	0	18
	19:45	0	0	0	0	0	0	0	0	1	4	8	6	1	0	0	0	20
	20:00	0	0	0	0	0	0	0	0	0	3	8	2	1	0	0	0	14
	20:15	0	0	0	0	0	0	0	0	1	3	8	4	0	0	0	0	16
	20:30	0	0	0	0	0	0	1	0	2	4	9	1	0	0	0	0	17
	20:45	0	0	0	0	0	0	0	0	0	3	7	1	1	0	1	0	13
	21:00	0	0	0	0	0	0	0	0	0	1	5	3	1	0	0	0	10
	21:15	0	0	0	0	0	1	0	0	0	1	3	1	0	0	0	0	6
	21:30	0	0	0	0	1	0	0	1	0	1	2	2	0	0	0	0	7
	21:45	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
	22:00	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
	22:15	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	4
	22:30	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	22:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	23:00	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	0	0	0	2	2	1	6	28	119	608	599	160	40	10	0	1575
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	2%	8%	39%	38%	10%	3%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	6	6	2	0	0	0	21

Speeds - Average: 70.4 50% : 70.3 67% : 72.5 85% : 74.8 10mph Pace: 65.0 - 74.9 (76.6%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	4
Wed	00:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	01:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	02:00	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	05:15	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
	05:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:45	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	3
	06:00	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	4
	06:15	0	0	0	0	0	0	0	0	1	0	7	4	0	0	0	0	12
	06:30	0	0	0	0	0	0	0	0	1	1	7	1	1	0	0	0	11
	06:45	0	0	0	0	0	0	0	0	1	0	4	5	2	0	0	0	12
	07:00	0	0	0	0	0	0	0	0	1	0	7	12	2	4	0	0	26
	07:15	0	0	0	0	0	0	0	0	0	2	8	7	0	0	0	0	17
	07:30	0	0	0	0	0	0	0	0	0	5	15	7	0	0	0	0	27
	07:45	0	0	0	0	0	0	0	0	0	1	7	4	4	0	0	0	16
	08:00	0	0	0	0	0	0	0	0	0	3	14	9	2	2	0	0	30
	08:15	0	0	0	0	0	0	0	0	0	1	10	5	5	3	0	0	24
	08:30	0	0	0	0	0	0	0	0	1	1	6	7	3	1	1	0	20
	08:45	0	0	0	0	0	0	0	0	0	2	6	11	6	1	0	0	26
	09:00	0	0	0	0	0	0	0	0	0	1	8	18	5	0	0	0	32
	09:15	0	0	0	0	0	0	0	0	0	0	8	4	3	1	0	0	16
	09:30	0	0	0	0	0	0	0	0	0	1	13	8	2	1	0	0	25
	09:45	0	0	0	0	0	0	0	1	2	2	9	5	5	1	0	0	25
	10:00	0	0	0	0	0	0	0	0	0	3	10	5	1	0	1	0	20
	10:15	0	0	0	0	0	0	0	0	0	0	8	4	3	2	0	0	17
	10:30	0	0	0	0	0	0	0	0	0	1	8	5	3	2	0	0	19
	10:45	0	0	0	0	0	0	0	0	0	2	10	3	2	0	0	0	17
	11:00	0	0	0	0	0	0	0	0	2	0	13	2	6	0	1	0	24
	11:15	0	0	0	0	0	0	0	0	1	0	7	2	4	0	0	0	14
	11:30	0	0	0	0	0	0	0	0	0	2	7	7	3	2	0	0	21
	11:45	0	0	0	0	0	0	0	1	0	0	13	5	3	0	0	0	22
	12:00	0	0	0	0	0	0	0	0	0	2	11	9	0	1	0	0	23
	12:15	0	0	0	0	0	0	0	0	0	0	6	5	2	0	0	0	13

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	1	0	2	12	12	4	2	0	0	33
Wed	12:45	0	0	0	0	0	0	0	0	0	2	8	12	4	0	0	0	26
	13:00	0	0	0	0	0	0	0	0	0	2	7	9	0	0	0	0	18
	13:15	0	0	0	0	0	0	0	0	0	2	13	9	2	0	0	0	26
	13:30	0	0	0	0	0	0	0	1	0	0	4	13	7	2	0	0	27
	13:45	0	0	0	0	0	0	0	0	0	0	10	13	4	0	0	0	27
	14:00	0	0	0	0	0	0	0	0	0	0	16	8	1	1	0	0	26
	14:15	0	0	0	0	0	0	0	0	0	0	14	6	5	0	0	0	25
	14:30	0	0	0	0	0	0	0	0	1	0	13	16	3	0	0	0	33
	14:45	0	0	0	1	0	0	0	0	0	3	19	7	6	0	0	0	36
	15:00	0	0	0	0	0	0	0	1	3	2	17	15	4	1	0	0	43
	15:15	0	0	0	0	0	0	0	0	1	3	8	17	2	1	0	0	32
	15:30	0	0	0	1	0	0	0	0	0	5	14	18	2	0	0	0	40
	15:45	0	0	0	0	0	0	0	0	0	2	16	14	5	0	0	0	37
	16:00	0	0	0	0	0	0	0	0	2	3	25	19	5	0	0	0	54
	16:15	0	0	0	0	0	0	0	0	1	1	21	22	3	0	0	0	48
	16:30	0	0	0	0	0	0	0	1	1	5	24	17	4	1	0	0	53
	16:45	0	0	0	0	0	0	0	0	1	5	22	24	6	0	0	0	58
	17:00	0	0	0	0	0	0	0	0	0	4	33	28	2	0	0	0	67
	17:15	0	0	0	0	0	0	0	0	0	4	19	30	9	0	0	0	62
	17:30	0	0	0	0	0	0	0	1	2	3	21	31	6	0	0	0	64
	17:45	0	0	0	0	0	0	0	0	0	5	18	17	5	0	0	0	45
	18:00	0	0	0	0	0	0	0	0	0	5	13	4	0	0	0	0	22
	18:15	0	0	0	0	0	0	0	0	3	6	14	3	0	0	0	0	26
	18:30	0	0	0	0	0	0	0	0	0	4	9	1	0	0	0	0	14
	18:45	0	0	0	0	0	0	0	0	0	0	7	4	2	0	0	0	13
	19:00	0	0	0	0	0	0	0	0	1	1	10	5	1	0	0	0	18
	19:15	0	0	0	0	0	0	0	1	0	5	10	6	1	1	0	0	24
	19:30	0	0	0	0	0	0	0	0	0	0	4	7	0	0	1	0	12
	19:45	0	0	0	0	0	0	0	0	1	4	11	1	0	0	0	0	17
	20:00	0	0	0	0	0	0	0	0	0	5	0	2	0	0	0	0	7
	20:15	0	0	0	0	0	0	0	0	1	3	5	2	0	0	0	0	11
	20:30	0	0	0	0	0	0	0	0	1	1	4	0	1	0	0	0	7
	20:45	0	0	0	0	0	0	0	0	0	2	4	4	2	0	0	0	12
	21:00	0	0	0	0	0	0	0	0	0	4	6	2	0	0	0	0	12
	21:15	0	0	0	0	0	0	0	0	0	2	3	3	0	0	0	0	8
	21:30	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
	21:45	0	0	0	0	0	0	0	0	0	0	4	2	1	0	0	0	7
	22:00	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4
	22:15	0	0	0	0	0	0	0	0	1	1	1	2	0	0	0	0	5
	22:30	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:15	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	4
	23:30	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
	23:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		0	0	0	3	1	0	0	8	32	138	708	572	167	31	4	0	1664
Percent :		0%	0%	0%	0%	0%	0%	0%	0%	2%	8%	43%	34%	10%	2%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	7	6	2	0	0	0	15

Speeds - Average: 69.8 50% : 69.6 67% : 72.1 85% : 74.6 10mph Pace: 65.0 - 74.9 (76.9%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thu	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	3
	03:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	03:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	04:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	05:15	0	0	0	0	0	0	0	0	2	0	4	0	0	0	0	0	6
	05:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:45	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	06:00	0	0	0	0	0	0	0	0	1	0	4	4	0	0	0	0	9
	06:15	0	0	0	0	0	0	0	0	1	0	4	4	0	0	0	0	9
	06:30	0	0	0	0	0	0	0	0	0	2	3	2	2	0	0	0	9
	06:45	0	0	0	0	0	0	0	0	0	0	6	5	0	0	0	0	11
	07:00	0	0	0	0	0	0	0	0	0	1	10	6	1	1	0	0	19
Daily Total :		0	0	0	0	0	0	1	0	5	7	45	23	4	1	1	0	87
Percent :		0%	0%	0%	0%	0%	0%	1%	0%	6%	8%	52%	26%	5%	1%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	16

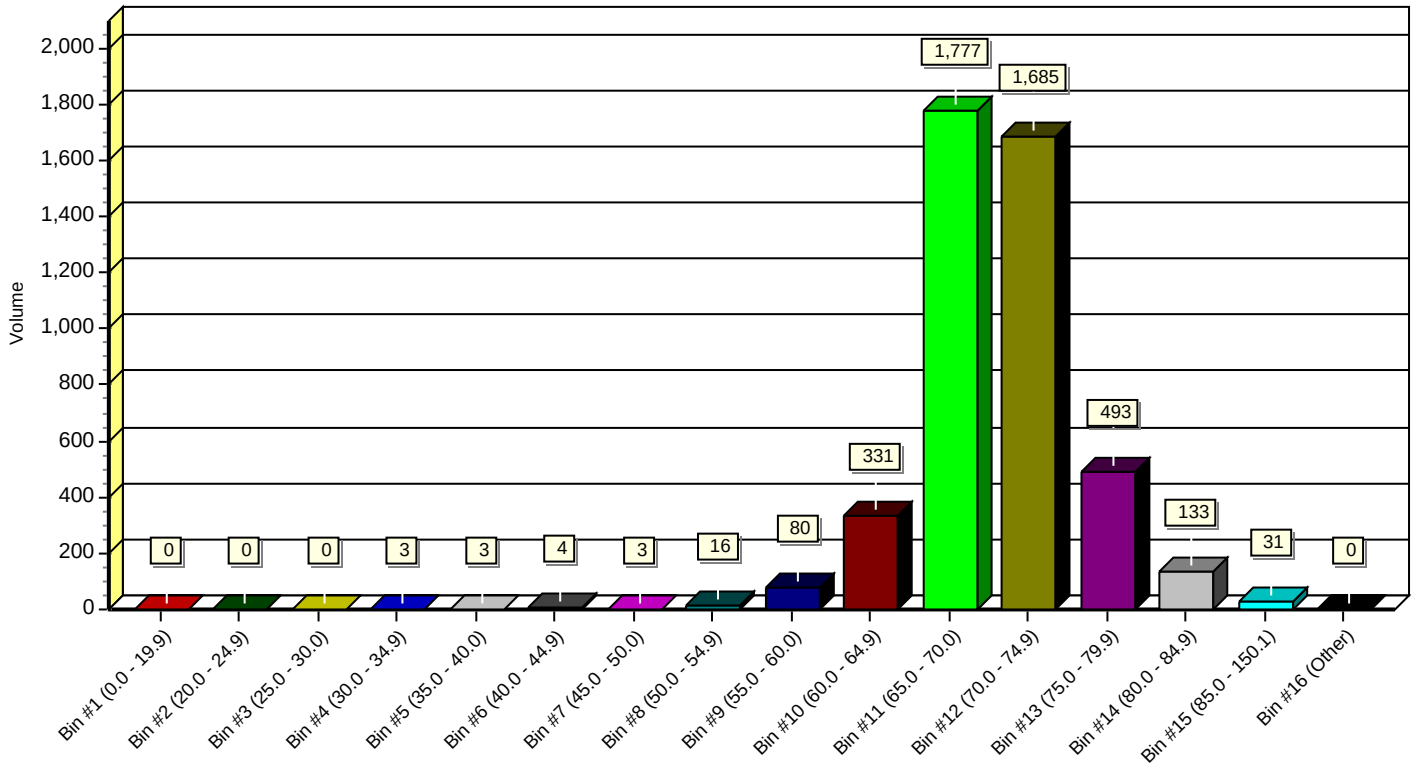
Speeds - Average: 68.8 50% : 68.0 67% : 68.9 85% : 72.8 10mph Pace: 66.1 - 76.0 (78.2%)

Basic Speed Class Summary: 2P0061456

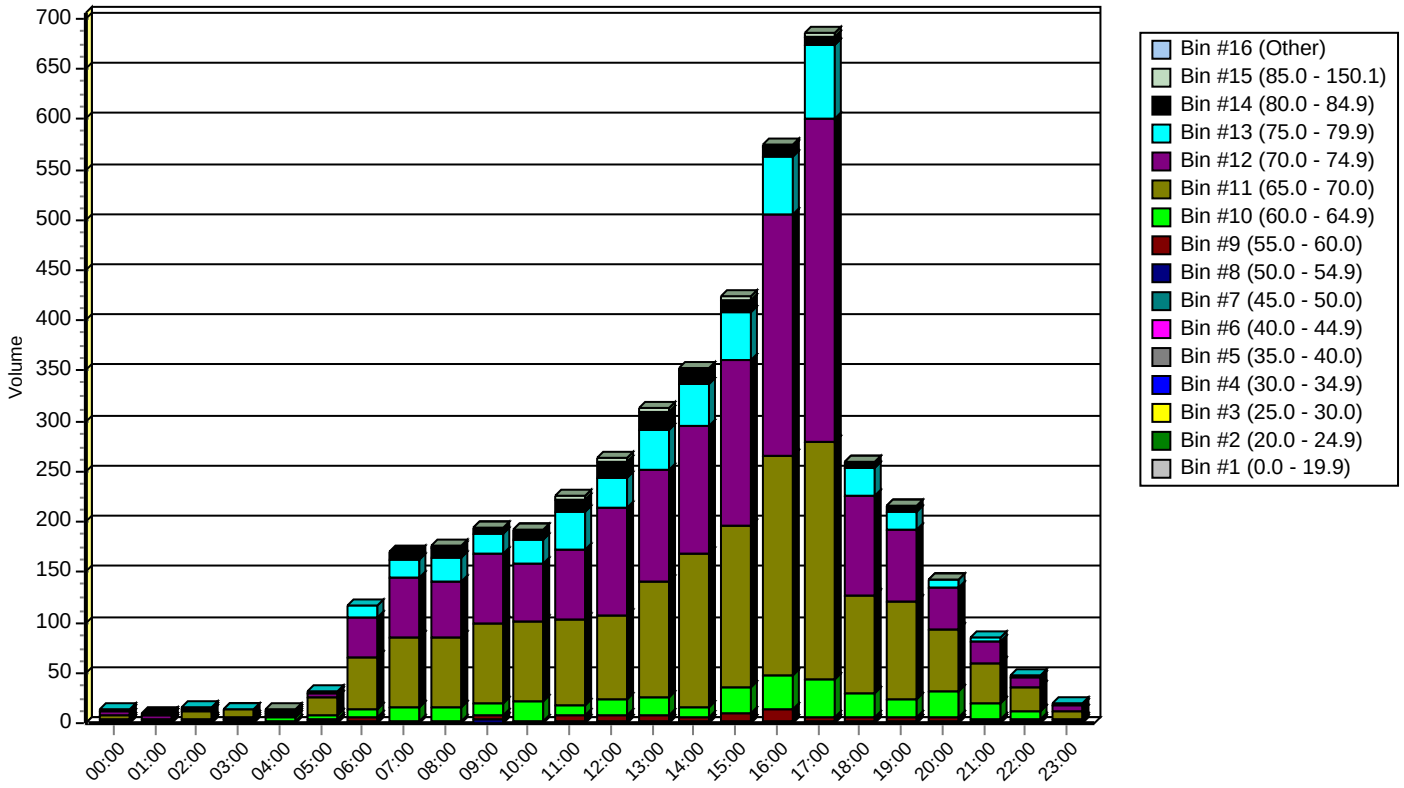
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	0	0	0	3	3	4	3	16	80	331	1777	1685	493	133	31	0	4559
		0	0	0	3	3	4	3	16	80	331	1777	1685	493	133	31	0	4559
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	0%	2%	7%	39%	37%	11%	3%	1%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	0%	2%	7%	39%	37%	11%	3%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	1	6	6	2	0	0	0	15
		0	0	0	0	0	0	0	0	0	1	6	6	2	0	0	0	15
Days & ADT :	#1.	2.8	1574															
		2.8	1574															
Avg,50,67,85%:	#1.	70.5	70.3	72.6	74.9	65.0	- 74.9	76%										
		70.5	70.3	72.6	74.9	65.0	- 74.9	76%										

2P0061456 Speed Class Charts For Data From: 09:45 - 04/11/2011 To: 07:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4D0061456

Station ID : 4D0061456
Info Line 1 : 90994560
Info Line 2 : I-90 E JOHNSON
GPS Lat/Lon :
DB File : 4D0061456.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 91404
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST DRIVE LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 09:30 - 04/11/2011 To: 07:29 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	09:30	1	46	41	0	2	1	0	0	11	2	0	0	3	1	108
Mon	09:45	0	38	38	0	0	1	0	2	13	0	0	0	1	0	93
	10:00	0	39	41	0	1	3	0	3	16	0	0	0	1	0	104
	10:15	0	46	47	0	0	0	0	3	16	0	0	0	3	0	115
	10:30	1	28	46	2	1	4	0	1	11	0	0	0	1	1	96
	10:45	0	41	42	1	1	0	0	1	13	0	0	0	2	1	102
	11:00	1	34	35	0	0	1	0	1	12	0	0	0	2	0	86
	11:15	0	29	39	1	0	3	0	0	17	0	0	1	2	0	92
	11:30	0	38	37	0	4	1	0	2	9	1	0	1	1	0	94
	11:45	0	31	42	0	3	1	0	2	11	2	0	0	2	1	95
	12:00	0	35	36	0	1	1	0	1	16	2	0	0	3	0	95
	12:15	0	38	42	1	1	0	0	0	9	0	0	0	0	0	91
	12:30	0	36	37	0	0	0	0	2	9	1	0	0	5	0	90
	12:45	0	23	33	1	1	0	0	1	12	1	0	0	0	1	73
	13:00	1	32	39	0	2	2	0	3	13	1	1	0	2	0	96
	13:15	3	45	38	1	1	1	0	0	12	1	0	0	1	0	103
	13:30	0	38	34	4	0	0	0	1	13	0	0	0	3	0	93
	13:45	0	31	50	1	1	0	0	1	14	1	0	0	0	0	99
	14:00	1	31	37	2	2	3	0	1	17	2	0	0	3	0	99
	14:15	0	33	41	0	1	0	0	1	12	2	0	0	2	0	92
	14:30	0	35	43	0	2	0	0	0	11	2	0	0	0	0	93
	14:45	0	43	44	0	1	1	0	1	14	1	0	2	2	0	109
	15:00	2	40	35	0	2	1	0	1	8	1	0	0	0	1	91
	15:15	0	43	40	0	0	1	0	1	6	0	0	0	2	0	93
	15:30	0	37	50	1	1	1	0	1	4	2	1	0	2	1	101
	15:45	0	49	37	1	1	4	0	0	8	1	0	0	2	0	103
	16:00	1	42	47	1	2	2	0	1	13	3	0	0	2	0	114
	16:15	1	45	28	0	1	0	0	4	5	1	0	0	2	0	87
	16:30	0	72	48	3	0	4	0	2	10	1	0	0	0	0	140
	16:45	1	52	40	2	3	1	0	0	11	2	0	0	0	0	112
	17:00	0	40	45	3	0	2	0	3	14	1	0	0	2	0	110
	17:15	2	49	50	1	3	0	0	0	11	0	0	0	3	0	119
	17:30	2	53	36	2	1	2	0	0	6	3	0	0	1	1	107
	17:45	1	37	32	2	0	0	0	2	13	1	0	0	2	0	90

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	18:00	0	40	22	0	1	0	0	1	12	1	0	0	0	1	78
Mon	18:15	0	43	39	0	1	1	0	0	6	0	0	0	1	0	91
	18:30	0	43	30	1	3	0	0	0	15	1	0	0	0	0	93
	18:45	0	42	25	2	1	0	0	1	8	0	0	0	2	0	81
	19:00	0	27	20	0	0	0	0	0	10	0	0	1	0	1	59
	19:15	0	24	28	0	1	0	0	1	9	0	0	0	2	0	65
	19:30	0	23	17	1	1	0	0	0	8	0	0	0	1	0	51
	19:45	0	18	14	0	1	0	0	1	5	0	0	0	2	0	41
	20:00	0	28	20	0	0	0	0	1	12	0	0	0	0	1	62
	20:15	0	21	14	0	0	0	0	0	6	1	0	0	0	0	42
	20:30	0	22	11	0	0	0	0	3	7	1	0	0	1	0	45
	20:45	1	17	17	0	0	0	0	0	7	2	0	0	1	0	45
	21:00	0	14	9	0	1	0	0	0	5	0	0	0	0	1	30
	21:15	0	18	15	0	1	1	0	1	7	1	0	0	1	0	45
	21:30	0	13	8	1	2	0	0	1	11	0	0	0	0	0	36
	21:45	0	11	11	1	0	0	0	1	6	1	0	0	0	1	32
	22:00	0	11	14	2	0	0	0	0	13	1	0	0	0	0	41
	22:15	1	11	7	0	0	0	0	0	5	1	0	0	1	0	26
	22:30	0	5	7	1	1	0	0	0	3	1	0	0	0	0	18
	22:45	0	9	4	1	0	0	0	0	3	0	0	0	0	0	17
	23:00	0	7	5	0	1	0	0	0	10	1	0	0	0	0	24
	23:15	0	9	6	0	0	0	0	1	3	0	0	0	1	0	20
	23:30	0	3	6	2	0	0	0	0	5	0	0	0	0	0	16
	23:45	0	4	9	0	1	0	0	1	4	4	1	0	1	0	25
Daily Total :		20	1812	1728	42	55	43	0	55	570	51	3	5	71	13	4468
Percent :		0%	41%	39%	1%	1%	1%	0%	1%	13%	1%	0%	0%	2%	0%	
Average :		0	31	30	1	1	1	0	1	10	1	0	0	1	0	77

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	4	6	0	0	0	0	0	4	1	0	0	0	0	15
Tue	00:15	0	2	0	0	0	0	0	0	2	0	0	0	0	0	4
	00:30	0	4	4	0	0	0	0	0	0	1	0	0	0	0	9
	00:45	0	5	0	1	1	0	0	1	1	1	1	0	0	0	11
	01:00	0	3	5	0	0	0	0	1	4	0	0	0	0	0	13
	01:15	0	2	4	0	0	0	0	0	5	0	0	0	0	0	11
	01:30	0	1	0	0	0	0	0	0	2	0	0	0	0	0	3
	01:45	0	0	2	0	0	0	0	0	2	1	0	0	0	1	6
	02:00	0	5	3	0	0	0	0	1	1	0	0	0	0	0	10
	02:15	0	2	1	0	0	0	0	0	2	0	0	0	1	0	6
	02:30	1	2	1	0	0	0	0	0	3	0	0	1	0	0	8
	02:45	0	1	2	0	1	0	0	0	2	1	0	0	1	0	8
	03:00	0	1	0	0	0	0	0	0	3	0	0	0	0	0	4
	03:15	0	2	2	0	0	0	0	0	3	0	0	0	0	0	7
	03:30	0	3	1	0	0	0	0	0	1	0	0	1	0	0	6
	03:45	0	5	6	0	0	0	0	0	1	0	0	0	0	0	12
	04:00	1	4	2	0	0	0	0	0	2	0	0	0	0	0	9
	04:15	0	6	6	0	0	0	0	0	3	0	0	0	1	0	16
	04:30	0	5	5	0	0	0	0	0	5	0	0	1	0	1	17
	04:45	1	5	7	0	0	0	0	0	3	0	0	0	2	0	18
	05:00	1	4	9	0	0	0	0	0	2	0	0	0	1	0	17
	05:15	0	10	5	0	0	0	0	0	5	0	0	1	2	0	23
	05:30	1	17	12	0	0	0	0	2	2	1	1	0	4	0	40
	05:45	1	17	18	0	0	0	0	0	4	0	0	0	1	0	41
	06:00	2	21	15	1	0	0	0	0	2	0	1	1	1	0	44
	06:15	2	35	32	0	0	0	0	1	8	0	0	2	1	0	81
	06:30	3	53	33	0	1	0	0	0	2	0	1	0	6	0	99
	06:45	2	44	28	0	1	0	0	0	3	0	0	0	2	0	80
	07:00	2	48	35	0	1	0	0	1	3	1	0	0	3	1	95
	07:15	5	68	47	0	0	0	0	1	4	0	0	0	3	0	128
	07:30	7	75	35	1	1	1	0	1	13	2	1	3	2	2	144
	07:45	5	75	41	0	1	1	0	0	7	0	0	0	3	1	134
	08:00	3	50	30	0	2	0	0	0	10	1	1	0	1	1	99
	08:15	1	41	27	1	0	0	0	1	12	2	0	0	0	0	85
	08:30	3	45	39	0	0	1	0	2	12	1	0	0	2	0	105
	08:45	1	53	45	0	0	1	0	1	10	0	0	0	2	0	113
	09:00	3	24	26	0	1	0	0	1	11	0	0	0	1	2	69
	09:15	0	42	28	0	3	3	0	1	9	0	0	1	4	0	91
	09:30	0	33	35	1	2	0	0	1	10	1	0	0	1	0	84
	09:45	0	40	39	0	3	0	0	0	9	0	0	0	2	0	93
	10:00	0	37	28	0	0	2	1	1	11	2	0	0	1	1	84
	10:15	0	35	38	0	1	2	0	2	6	2	0	1	3	0	90
	10:30	0	26	44	0	1	1	0	0	15	0	0	0	4	1	92
	10:45	0	41	45	0	5	1	0	2	11	0	0	0	1	0	106
	11:00	0	34	37	0	2	2	0	1	13	0	0	0	1	0	90
	11:15	0	23	30	0	3	3	0	7	6	4	0	1	2	1	80
	11:30	0	30	37	1	0	0	0	3	12	1	0	0	2	2	88
	11:45	0	38	34	2	1	4	0	2	12	0	0	0	2	0	95
	12:00	0	29	33	2	2	2	0	0	14	2	0	0	0	0	84
	12:15	0	39	41	0	0	0	0	2	11	0	0	0	1	0	94

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	38	30	1	3	0	0	3	14	0	0	0	4	0	93
Tue	12:45	0	28	29	0	1	3	0	2	14	0	0	0	1	0	78
	13:00	0	28	31	1	2	1	0	4	13	3	0	0	1	0	84
	13:15	0	43	32	0	0	3	0	0	12	1	0	0	0	0	91
	13:30	0	33	25	3	1	1	1	1	12	2	0	0	3	1	83
	13:45	1	45	47	0	1	2	0	3	15	1	0	0	0	1	116
	14:00	0	34	34	0	2	2	0	2	16	0	0	0	1	0	91
	14:15	0	43	25	0	3	3	0	1	14	0	0	0	1	1	91
	14:30	0	45	32	4	1	0	0	2	16	3	0	0	3	1	107
	14:45	0	34	34	0	3	2	1	2	15	1	0	2	2	0	96
	15:00	0	34	39	1	3	6	0	2	16	1	0	0	1	1	104
	15:15	1	37	40	0	2	0	0	0	10	0	0	1	1	0	92
	15:30	0	47	33	1	1	1	0	0	13	1	0	0	1	0	98
	15:45	0	47	34	3	1	1	0	2	13	1	0	1	2	1	106
	16:00	0	54	30	1	1	1	1	1	16	1	0	1	1	0	108
	16:15	2	50	53	1	1	1	0	0	7	0	0	0	1	1	117
	16:30	0	49	47	0	1	2	1	1	11	1	0	0	2	0	115
	16:45	0	37	49	0	1	0	0	2	16	1	2	0	1	0	109
	17:00	0	49	46	1	1	0	0	1	16	1	0	0	1	0	116
	17:15	0	59	44	0	2	2	0	0	10	2	0	1	1	0	121
	17:30	1	64	33	3	1	0	0	0	14	0	0	0	1	0	117
	17:45	1	50	46	0	3	0	0	1	13	0	0	0	5	2	121
	18:00	0	43	44	0	0	1	0	2	7	1	0	0	2	0	100
	18:15	0	34	42	1	0	0	0	0	12	4	0	0	2	1	96
	18:30	0	37	29	2	1	0	0	1	7	0	0	0	2	0	79
	18:45	0	34	28	1	1	2	0	0	14	1	0	0	2	0	83
	19:00	0	31	21	0	1	0	0	3	9	1	0	0	1	0	67
	19:15	0	27	22	3	0	0	0	0	5	1	0	0	3	0	61
	19:30	0	31	19	0	2	0	0	2	9	1	0	0	2	1	67
	19:45	0	27	12	0	1	0	0	1	5	0	0	0	0	0	46
	20:00	0	12	7	2	0	0	0	5	4	0	0	0	0	0	30
	20:15	0	22	8	1	0	0	0	0	8	0	0	0	1	0	40
	20:30	3	14	10	0	2	0	0	1	17	0	0	0	0	0	47
	20:45	0	26	15	0	0	0	0	0	8	0	0	0	0	0	49
	21:00	0	15	18	0	0	0	0	1	10	1	0	0	4	0	49
	21:15	1	7	5	0	1	0	0	0	8	2	0	1	1	2	28
	21:30	1	10	9	0	1	0	0	0	3	1	0	0	0	1	26
	21:45	1	9	6	1	2	0	0	1	8	0	0	0	1	0	29
	22:00	2	12	14	0	0	0	0	2	7	0	0	0	0	0	37
	22:15	4	2	5	0	0	0	0	0	4	0	0	0	3	0	18
	22:30	1	9	10	0	2	0	0	0	5	1	0	0	0	1	29
	22:45	3	6	10	1	0	0	0	0	10	0	0	0	1	0	31
	23:00	0	12	2	1	0	0	0	0	8	0	0	0	0	0	23
	23:15	0	12	8	0	0	0	0	1	6	1	0	0	1	0	29
	23:30	2	2	4	1	0	0	0	1	5	1	0	0	0	0	16
	23:45	0	6	2	0	0	0	0	0	2	1	1	0	0	0	12
Daily Total :		69	2577	2166	44	82	58	5	87	775	62	9	20	124	29	6107
Percent :		1%	42%	35%	1%	1%	1%	0%	1%	13%	1%	0%	0%	2%	0%	
Average :		1	27	23	0	1	1	0	1	8	1	0	0	1	0	64

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	3	2	0	0	0	0	0	2	0	0	0	0	0	7
Wed	00:15	1	4	3	0	0	0	0	0	3	2	0	0	0	0	13
	00:30	1	0	2	0	0	0	0	0	3	0	0	0	0	1	7
	00:45	1	2	1	1	0	0	0	0	1	0	0	0	0	0	6
	01:00	1	3	1	0	0	0	0	1	4	0	0	0	0	0	10
	01:15	0	3	3	0	1	0	0	0	4	0	0	0	0	0	11
	01:30	1	3	0	0	0	0	0	0	3	0	0	0	1	0	8
	01:45	1	1	4	0	0	1	0	0	6	1	0	0	0	0	14
	02:00	0	3	4	0	0	0	0	0	2	1	0	0	0	0	10
	02:15	1	0	0	0	0	0	0	0	2	2	1	0	1	0	7
	02:30	1	1	2	0	1	0	0	0	3	0	0	0	0	0	8
	02:45	0	0	0	0	0	0	0	0	3	0	0	0	1	0	4
	03:00	0	0	1	0	0	0	0	0	6	0	0	0	1	0	8
	03:15	0	1	0	0	0	0	0	0	3	0	0	0	1	0	5
	03:30	0	1	2	0	0	0	0	0	6	1	1	1	0	0	12
	03:45	1	2	4	0	0	0	0	0	2	0	0	0	1	0	10
	04:00	1	4	4	0	0	0	0	0	3	0	1	0	0	0	13
	04:15	1	7	5	0	0	0	0	0	4	0	0	0	1	0	18
	04:30	5	1	5	0	0	0	0	0	6	0	0	0	0	0	17
	04:45	2	10	5	0	1	0	0	0	6	0	0	0	2	0	26
	05:00	1	4	2	0	1	0	0	0	6	0	0	0	1	0	15
	05:15	1	12	5	1	1	0	0	0	7	1	0	1	2	0	31
	05:30	6	13	10	1	0	0	0	2	1	0	0	0	1	0	34
	05:45	4	12	12	1	0	0	0	0	2	1	0	1	1	0	34
	06:00	3	18	13	0	0	0	0	1	8	0	0	1	4	0	48
	06:15	11	22	19	0	0	0	0	0	2	0	1	0	3	0	58
	06:30	12	43	20	1	0	0	0	0	1	0	1	0	5	0	83
	06:45	7	38	27	0	1	1	0	1	5	1	0	0	4	0	85
	07:00	6	51	28	0	0	0	0	2	7	0	0	0	3	0	97
	07:15	12	53	30	1	0	0	0	2	7	1	0	1	1	0	108
	07:30	12	62	27	2	2	1	0	2	11	1	0	0	4	1	125
	07:45	10	81	21	0	0	0	0	1	4	0	0	0	1	1	119
	08:00	5	44	29	1	1	0	0	1	12	1	0	1	2	0	97
	08:15	3	44	25	4	0	0	0	2	9	0	2	0	3	1	93
	08:30	2	45	33	0	1	1	0	3	6	1	0	1	4	1	98
	08:45	1	40	32	0	2	1	0	2	3	0	0	0	3	0	84
	09:00	0	41	42	0	2	1	0	4	10	1	0	0	2	0	103
	09:15	0	43	33	0	2	1	0	1	9	1	0	1	1	0	92
	09:30	1	42	37	1	2	0	0	2	14	2	0	0	3	2	106
	09:45	0	50	44	1	0	2	0	2	10	1	0	1	2	0	113
	10:00	0	42	41	4	1	2	0	1	8	0	0	0	3	3	105
	10:15	0	49	45	0	2	1	0	1	9	0	0	0	3	0	110
	10:30	0	33	49	0	2	2	0	1	11	1	0	0	1	0	100
	10:45	1	43	42	0	2	1	0	1	16	0	0	0	0	0	106
	11:00	0	38	35	0	0	2	0	1	13	0	0	1	2	2	94
	11:15	0	40	34	1	1	0	0	3	16	2	0	1	1	0	99
	11:30	1	42	46	0	1	3	0	0	14	2	0	0	2	0	111
	11:45	0	39	36	2	1	1	0	2	17	2	0	0	0	0	100
	12:00	0	33	43	1	2	1	0	2	13	0	0	0	3	0	98
	12:15	0	47	30	0	3	1	0	0	11	1	0	0	1	0	94

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	1	38	29	1	0	1	0	1	9	1	0	0	2	0	83
Wed	12:45	0	38	45	2	3	0	0	0	18	3	0	0	3	0	112
	13:00	0	41	37	1	2	0	0	1	10	0	0	0	0	0	92
	13:15	0	38	37	1	1	2	0	0	13	3	0	0	4	1	100
	13:30	0	46	32	0	1	0	0	0	9	1	0	0	0	0	89
	13:45	0	36	40	0	3	1	0	0	15	2	0	0	1	0	98
	14:00	0	47	39	0	0	2	0	1	14	0	0	0	2	0	105
	14:15	0	37	39	1	0	4	0	0	19	2	0	1	2	2	107
	14:30	0	38	39	1	3	0	0	2	13	1	0	0	1	0	98
	14:45	0	38	43	0	2	2	0	0	7	2	0	0	3	0	97
	15:00	0	40	34	0	1	3	0	1	12	1	0	1	2	0	95
	15:15	0	41	44	1	2	2	0	1	16	2	0	1	1	0	111
	15:30	0	56	36	3	2	2	0	4	20	1	0	0	2	0	126
	15:45	0	38	34	0	1	0	0	3	6	3	0	0	2	0	87
	16:00	0	39	36	0	2	2	0	1	10	3	0	0	1	1	95
	16:15	0	44	51	1	1	0	0	1	10	1	0	0	1	0	110
	16:30	1	53	39	2	1	2	0	0	11	1	0	1	2	1	114
	16:45	0	48	27	1	2	1	0	1	12	1	0	0	2	0	95
	17:00	0	41	42	0	0	0	0	0	14	1	0	0	1	0	99
	17:15	0	61	39	1	1	2	0	1	10	2	0	1	3	1	122
	17:30	0	42	45	1	1	0	0	1	22	0	1	0	0	0	113
	17:45	0	49	35	0	0	0	0	2	9	2	0	0	5	0	102
	18:00	0	48	42	0	1	1	0	3	11	0	0	0	1	0	107
	18:15	1	38	23	1	0	1	0	0	9	1	0	0	2	0	76
	18:30	0	34	27	1	1	0	0	1	9	3	0	0	1	1	78
	18:45	1	35	25	0	1	1	0	0	16	1	0	0	3	0	83
	19:00	0	26	21	1	0	0	0	2	10	0	0	0	3	1	64
	19:15	1	24	18	1	1	1	0	1	12	1	0	0	3	0	63
	19:30	0	15	14	0	1	0	0	1	9	2	0	0	1	0	43
	19:45	0	18	17	0	0	0	0	3	5	0	0	0	1	0	44
	20:00	0	7	10	0	1	0	0	3	11	1	0	0	1	0	34
	20:15	0	19	13	0	1	0	0	3	8	1	0	0	1	0	46
	20:30	1	18	14	1	1	0	0	2	9	2	0	0	1	1	50
	20:45	1	24	10	0	1	0	0	2	7	1	0	0	0	4	50
	21:00	0	17	13	0	0	0	0	2	6	0	0	0	1	1	40
	21:15	3	15	12	0	0	0	0	2	6	1	0	0	1	0	40
	21:30	1	13	6	1	2	0	0	0	4	1	0	0	1	1	30
	21:45	1	10	6	1	2	0	0	1	6	0	0	0	1	1	29
	22:00	0	16	7	0	0	0	0	1	1	1	0	1	0	0	27
	22:15	0	12	2	0	1	0	0	1	5	0	0	0	0	0	21
	22:30	1	8	3	0	0	2	0	0	4	1	0	0	1	0	20
	22:45	0	8	7	0	0	0	0	1	7	0	0	0	0	0	23
	23:00	0	7	5	0	0	0	0	0	3	0	0	0	0	0	15
	23:15	0	3	3	0	0	0	0	0	2	0	0	0	0	0	8
	23:30	0	7	9	0	0	0	0	1	3	0	0	0	0	0	20
	23:45	0	6	5	1	1	0	0	1	8	0	1	1	0	1	25
Daily Total :		130	2590	2092	48	77	55	0	93	784	77	9	18	138	29	6140
Percent :		2%	42%	34%	1%	1%	1%	0%	2%	13%	1%	0%	0%	2%	0%	
Average :		1	27	22	1	1	1	0	1	8	1	0	0	1	0	64

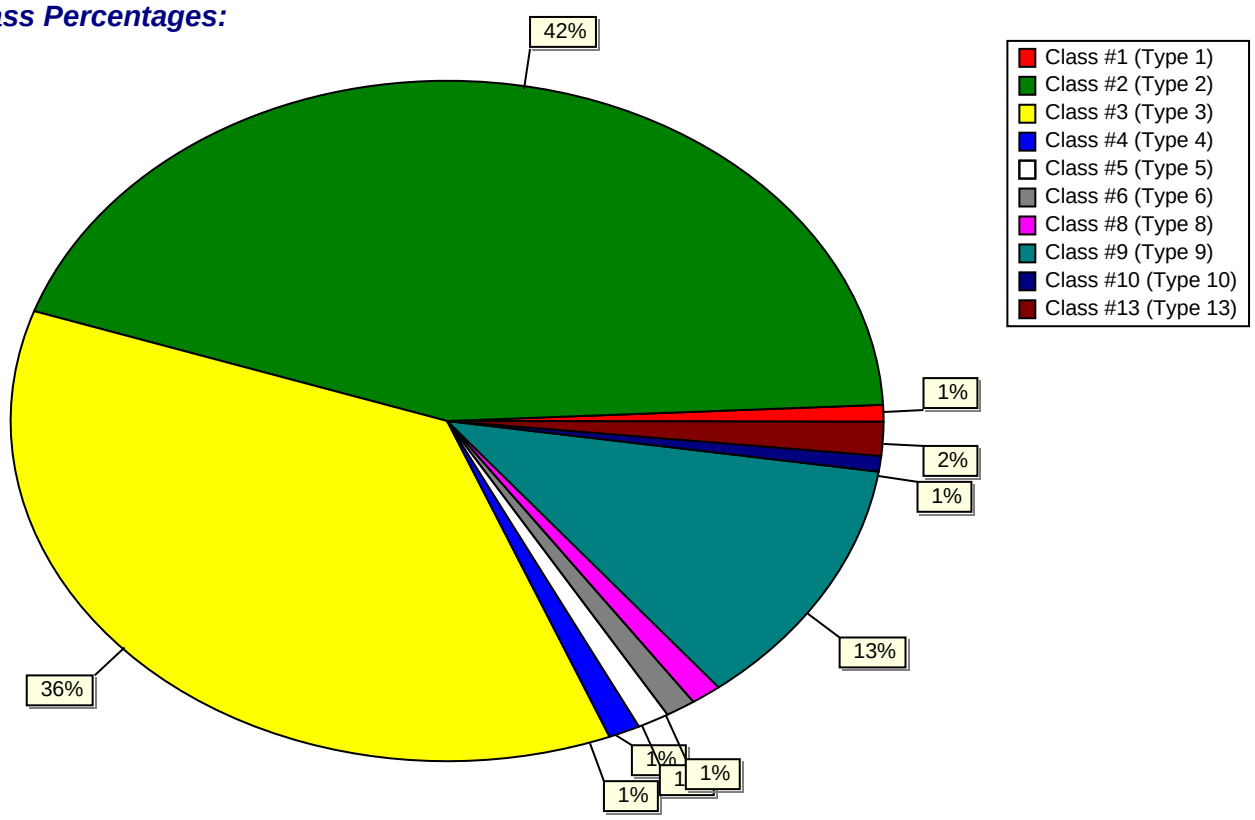
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	7	2	0	0	0	0	1	3	1	0	0	1	0	15
Thu	00:15	0	3	5	0	0	0	0	1	3	0	0	0	0	0	12
	00:30	0	3	3	0	0	0	0	2	2	0	0	0	0	0	10
	00:45	1	2	2	1	0	0	0	1	4	0	0	0	0	0	11
	01:00	0	3	3	0	0	0	0	0	4	0	0	0	0	1	11
	01:15	0	4	6	0	0	0	0	1	1	0	0	0	0	0	12
	01:30	1	2	2	0	0	0	0	0	0	1	0	0	0	0	6
	01:45	0	4	0	0	1	1	0	0	3	1	0	0	0	0	10
	02:00	0	2	0	0	0	0	0	1	2	1	0	0	1	0	7
	02:15	0	0	2	0	0	0	0	0	3	0	0	0	2	1	8
	02:30	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3
	02:45	0	4	2	0	1	0	0	1	5	0	0	0	1	0	14
	03:00	0	1	1	0	0	0	0	0	4	0	0	0	1	0	7
	03:15	0	1	1	0	0	0	0	1	4	0	0	1	0	0	8
	03:30	0	2	2	0	0	0	0	1	4	0	0	0	1	0	10
	03:45	0	1	2	0	0	0	0	0	5	0	0	0	0	0	8
	04:00	1	4	0	0	0	0	0	0	4	0	0	0	1	0	10
	04:15	1	7	4	0	0	0	0	0	4	0	1	0	1	0	18
	04:30	0	6	2	0	0	0	0	0	5	0	0	0	1	0	14
	04:45	0	8	12	0	0	0	0	1	5	0	0	0	2	0	28
	05:00	0	6	7	0	1	0	0	0	4	0	0	0	1	0	19
	05:15	1	12	9	0	0	0	0	1	11	0	0	1	1	0	36
	05:30	1	13	16	0	0	0	0	1	8	0	0	0	0	0	39
	05:45	2	9	11	0	0	0	0	1	4	2	0	0	4	0	33
	06:00	3	21	11	1	0	0	0	0	1	0	0	0	1	0	38
	06:15	2	23	26	0	1	0	0	4	5	0	2	1	3	1	68
	06:30	3	41	35	0	0	0	0	2	2	0	0	0	2	0	85
	06:45	2	44	31	0	0	1	0	1	4	0	0	0	4	0	87
	07:00	6	43	28	0	1	1	0	2	7	0	0	1	1	0	90
Daily Total :		25	276	227	2	5	3	0	23	111	6	3	4	29	3	717
Percent :		3%	38%	32%	0%	1%	0%	0%	3%	15%	1%	0%	1%	4%	0%	
Average :		1	10	8	0	0	0	0	1	4	0	0	0	1	0	25

Basic Axle Class Summary: 4D0061456

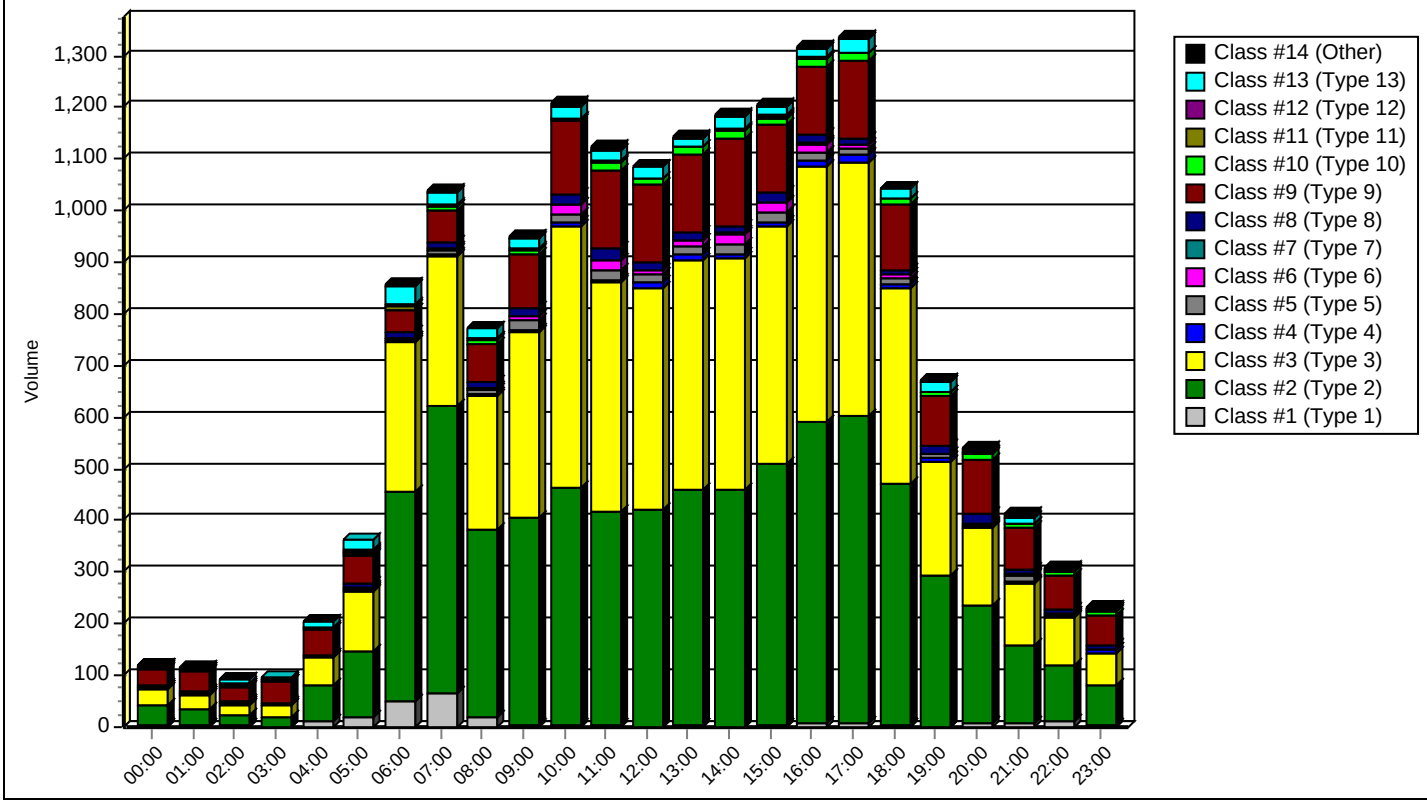
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	244	7255	6213	136	219	159	5	258	2240	196	24	47	362	74	17432
		244	7255	6213	136	219	159	5	258	2240	196	24	47	362	74	17432
Percents :	#1.	1%	42%	36%	1%	1%	1%	0%	1%	13%	1%	0%	0%	2%	0%	100%
		1%	42%	36%	1%	1%	1%	0%	1%	13%	1%	0%	0%	2%	0%	
Average :	#1.	1	26	22	0	1	1	0	1	8	1	0	0	1	0	62
		1	26	22	0	1	1	0	1	8	1	0	0	1	0	62
Days & ADT :	#1.	2.9	5998													
		2.9	5998													

4D0061456 Axle Class Charts For Data From: 09:30 - 04/11/2011 To: 07:29 - 04/14/2011

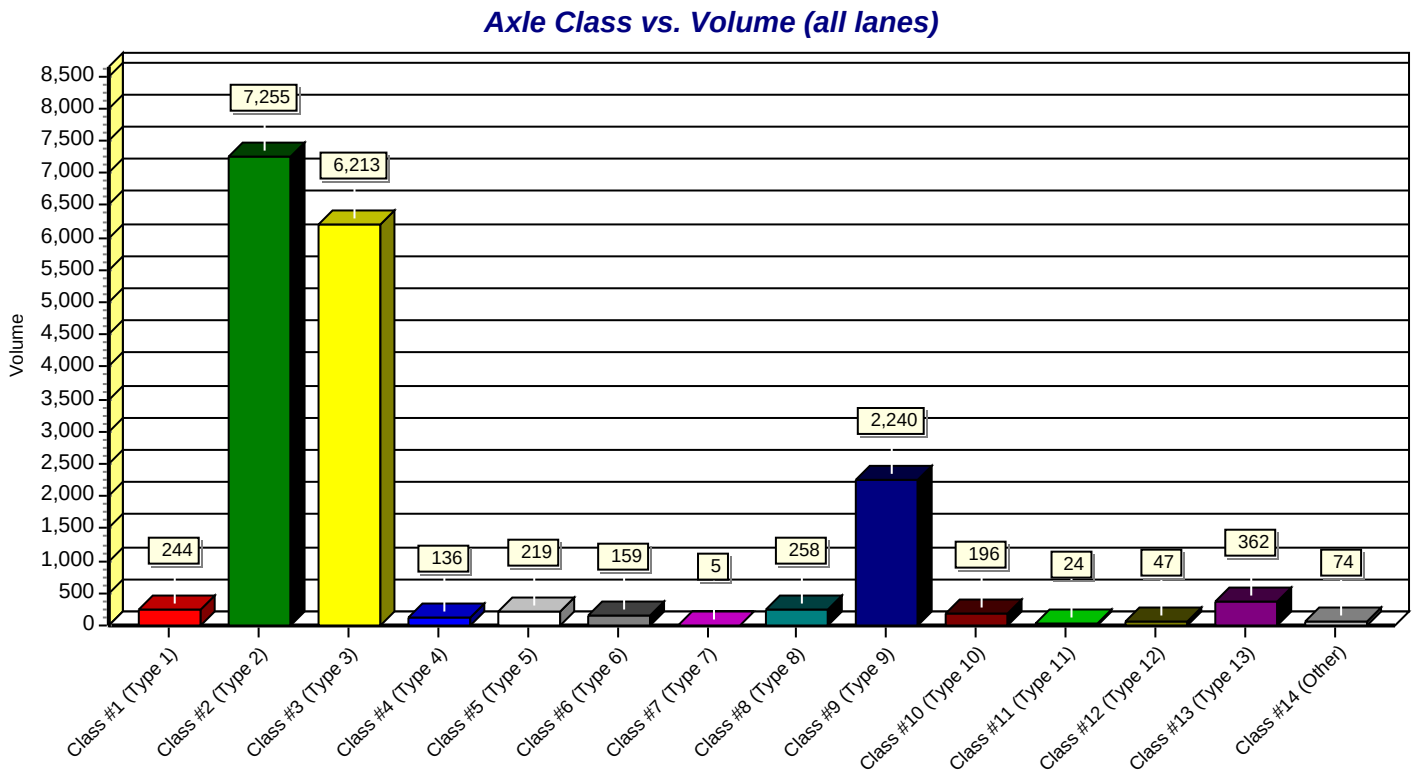
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4D0061456 Axle Class Charts For Data From: 09:30 - 04/11/2011 To: 07:29 - 04/14/2011



Basic Speed Classification Report: 4D0061456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WEST DRIVE LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 09:30 - 04/11/2011 To: 07:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	09:30	0	0	0	0	0	0	1	8	22	33	32	10	2	0	0	0	108
Mon	09:45	0	0	0	0	0	0	1	7	9	27	37	8	3	1	0	0	93
	10:00	0	0	0	0	0	0	0	7	14	31	43	5	4	0	0	0	104
	10:15	0	0	0	0	0	1	0	3	15	34	44	14	2	0	2	0	115
	10:30	0	0	0	0	0	0	0	2	11	25	35	16	4	3	0	0	96
	10:45	0	0	0	0	0	0	0	2	8	24	32	24	8	4	0	0	102
	11:00	2	0	0	0	0	0	1	1	7	24	35	11	2	2	1	0	86
	11:15	0	0	0	0	0	0	2	2	13	21	30	18	5	1	0	0	92
	11:30	0	0	0	0	0	0	2	0	6	27	41	16	2	0	0	0	94
	11:45	0	0	0	0	0	0	0	2	9	29	37	15	2	1	0	0	95
	12:00	0	0	0	0	0	0	0	5	8	21	30	22	5	3	1	0	95
	12:15	0	0	0	0	0	0	3	1	7	12	41	19	7	1	0	0	91
	12:30	0	0	0	0	0	0	0	3	9	22	41	12	3	0	0	0	90
	12:45	0	0	0	0	0	0	0	1	6	13	39	11	3	0	0	0	73
	13:00	0	0	0	0	0	0	0	4	14	25	35	16	2	0	0	0	96
	13:15	0	0	0	0	0	1	0	4	15	27	34	17	4	1	0	0	103
	13:30	0	0	0	0	0	0	0	3	12	22	41	12	3	0	0	0	93
	13:45	0	0	0	0	0	0	0	4	8	26	38	18	4	1	0	0	99
	14:00	0	0	0	0	0	0	1	4	8	28	45	11	2	0	0	0	99
	14:15	0	0	0	0	0	0	0	5	5	30	44	7	1	0	0	0	92
	14:30	0	0	0	0	0	0	1	5	11	23	35	15	1	2	0	0	93
	14:45	0	0	0	0	0	0	2	2	12	45	38	7	2	1	0	0	109
	15:00	0	0	0	0	0	0	0	3	8	17	49	8	6	0	0	0	91
	15:15	0	0	0	0	0	0	2	3	7	24	42	13	2	0	0	0	93
	15:30	0	0	0	0	0	0	0	4	9	33	41	14	0	0	0	0	101
	15:45	0	0	0	0	0	0	0	5	11	35	39	10	3	0	0	0	103
	16:00	0	0	0	0	0	0	0	2	14	37	44	13	3	1	0	0	114
	16:15	0	0	0	0	0	0	0	2	9	24	30	22	0	0	0	0	87
	16:30	0	0	0	0	1	0	2	7	10	37	62	15	3	3	0	0	140
	16:45	0	0	0	0	0	0	1	3	12	38	38	15	5	0	0	0	112
	17:00	0	0	1	0	0	0	0	2	18	25	43	19	2	0	0	0	110
	17:15	0	0	0	0	0	0	6	5	8	24	46	19	9	1	1	0	119
	17:30	0	0	0	0	0	0	0	2	8	24	48	20	3	1	1	0	107
	17:45	0	0	0	0	0	0	1	1	10	23	38	12	5	0	0	0	90
	18:00	0	0	0	0	0	0	2	4	9	18	32	12	1	0	0	0	78
	18:15	0	0	0	0	0	0	0	0	4	27	34	22	3	1	0	0	91
	18:30	0	0	0	0	0	0	1	3	10	14	49	16	0	0	0	0	93
	18:45	0	0	0	0	0	0	1	1	8	23	27	15	5	1	0	0	81
	19:00	0	0	0	0	0	0	2	3	5	7	31	11	0	0	0	0	59
	19:15	0	0	0	0	0	0	0	1	7	16	24	14	1	2	0	0	65

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	19:30	0	0	0	0	0	0	1	2	7	14	14	8	4	1	0	0	51
Mon	19:45	0	0	0	0	0	0	2	3	1	15	12	8	0	0	0	0	41
	20:00	0	0	0	0	0	0	0	6	7	23	24	0	2	0	0	0	62
	20:15	0	0	0	0	0	0	0	1	5	17	11	7	1	0	0	0	42
	20:30	0	0	0	0	0	1	5	3	11	13	8	2	2	0	0	0	45
	20:45	0	0	0	1	1	0	2	2	8	17	9	4	1	0	0	0	45
	21:00	0	0	0	0	1	0	1	4	6	10	5	3	0	0	0	0	30
	21:15	0	0	0	0	0	0	2	2	9	11	18	3	0	0	0	0	45
	21:30	0	0	1	0	0	1	1	7	6	10	8	1	1	0	0	0	36
	21:45	0	0	0	0	0	0	0	2	7	13	9	1	0	0	0	0	32
	22:00	0	0	0	0	0	0	2	5	9	9	10	5	1	0	0	0	41
	22:15	0	1	0	0	1	0	0	0	5	5	9	4	0	1	0	0	26
	22:30	0	0	0	0	0	0	0	1	2	9	4	1	1	0	0	0	18
	22:45	0	0	0	1	0	0	2	1	1	3	5	3	1	0	0	0	17
	23:00	0	0	0	0	0	0	1	1	6	8	7	1	0	0	0	0	24
	23:15	0	0	0	0	1	0	1	1	1	9	5	2	0	0	0	0	20
	23:30	0	0	0	0	0	0	1	1	3	4	6	1	0	0	0	0	16
	23:45	0	0	0	0	1	3	1	1	2	9	8	0	0	0	0	0	25
Daily Total :		2	1	2	2	6	7	54	169	492	1214	1716	628	136	33	6	0	4468
	Percent :	0%	0%	0%	0%	0%	0%	1%	4%	11%	27%	38%	14%	3%	1%	0%	0%	
	Average :	0	0	0	0	0	0	1	3	8	21	30	11	2	1	0	0	62

Speeds - Average: 65.2 50% : 65.9 67% : 68.0 85% : 71.1 10mph Pace: 60.1 - 70.0 (65.6%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	3	3	7	2	0	0	0	0	15
Tue	00:15	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	4
	00:30	0	0	1	0	0	0	0	0	2	1	5	0	0	0	0	0	9
	00:45	0	0	0	0	0	0	2	0	1	5	2	1	0	0	0	0	11
	01:00	0	0	0	0	0	0	0	1	7	2	3	0	0	0	0	0	13
	01:15	0	0	0	0	0	0	1	0	0	3	6	1	0	0	0	0	11
	01:30	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3
	01:45	1	0	0	0	0	0	1	0	1	1	2	0	0	0	0	0	6
	02:00	0	0	0	0	0	1	1	3	0	1	3	1	0	0	0	0	10
	02:15	0	0	0	0	0	0	1	0	1	2	2	0	0	0	0	0	6
	02:30	1	0	0	0	0	0	1	1	0	3	1	0	0	1	0	0	8
	02:45	0	0	0	0	0	0	0	1	1	4	2	0	0	0	0	0	8
	03:00	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	03:15	0	0	0	0	0	1	0	0	0	3	2	1	0	0	0	0	7
	03:30	0	0	0	0	0	0	0	1	1	1	3	0	0	0	0	0	6
	03:45	0	0	0	0	0	0	0	0	0	2	5	4	1	0	0	0	12
	04:00	0	1	0	0	0	0	1	1	0	3	2	0	1	0	0	0	9
	04:15	0	0	0	0	0	0	0	3	1	5	6	1	0	0	0	0	16
	04:30	1	0	0	0	0	0	0	3	3	7	3	0	0	0	0	0	17
	04:45	0	1	0	0	0	0	2	1	2	2	9	1	0	0	0	0	18
	05:00	0	0	1	0	0	0	0	0	2	4	9	0	1	0	0	0	17
	05:15	0	0	0	0	0	1	0	2	3	7	8	2	0	0	0	0	23
	05:30	0	0	1	0	0	0	0	0	5	12	18	3	0	0	1	0	40
	05:45	0	0	1	0	0	0	0	0	2	8	24	4	1	1	0	0	41
	06:00	0	1	1	0	0	0	0	0	2	15	20	3	2	0	0	0	44
	06:15	0	1	1	0	0	0	1	2	3	18	42	10	3	0	0	0	81
	06:30	1	0	1	0	0	0	0	4	3	26	35	24	5	0	0	0	99
	06:45	0	2	0	0	0	0	0	1	2	12	45	15	3	0	0	0	80
	07:00	0	0	2	0	0	0	0	1	3	27	46	15	1	0	0	0	95
	07:15	1	1	3	0	0	0	0	0	6	32	66	16	3	0	0	0	128
	07:30	0	4	6	0	0	0	0	2	1	40	79	11	1	0	0	0	144
	07:45	0	4	1	0	0	0	0	1	4	26	76	22	0	0	0	0	134
	08:00	1	2	1	0	0	0	0	1	5	25	45	17	2	0	0	0	99
	08:15	0	0	1	0	0	0	0	1	6	25	37	14	1	0	0	0	85
	08:30	1	0	1	0	0	0	1	1	13	25	49	11	3	0	0	0	105
	08:45	0	0	1	0	0	0	1	0	16	31	55	7	1	1	0	0	113
	09:00	0	3	1	0	0	0	0	6	6	29	21	2	1	0	0	0	69
	09:15	0	0	0	0	0	0	1	1	10	27	37	13	2	0	0	0	91
	09:30	0	0	0	0	0	0	1	2	3	27	34	13	4	0	0	0	84
	09:45	0	0	0	0	0	0	0	5	8	24	43	13	0	0	0	0	93
	10:00	0	0	0	0	0	0	1	5	9	32	27	7	3	0	0	0	84
	10:15	0	0	0	0	0	0	1	5	11	34	35	3	1	0	0	0	90
	10:30	0	0	0	0	0	0	3	5	3	31	34	14	1	1	0	0	92
	10:45	0	0	0	0	0	0	0	3	15	25	41	14	8	0	0	0	106
	11:00	0	0	0	0	0	0	0	1	13	22	44	8	1	1	0	0	90
	11:15	0	0	0	0	0	0	0	5	4	18	39	11	3	0	0	0	80
	11:30	0	0	0	0	0	0	0	1	9	21	41	15	1	0	0	0	88
	11:45	0	0	0	0	0	0	0	0	11	28	38	15	3	0	0	0	95
	12:00	0	0	0	0	0	0	1	1	6	27	33	11	3	2	0	0	84
	12:15	0	0	0	0	0	1	0	1	9	29	40	10	2	2	0	0	94

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	1	1	11	26	42	12	0	0	0	0	93
Tue	12:45	0	0	0	0	0	0	1	3	11	27	25	11	0	0	0	0	78
	13:00	0	0	0	0	0	0	0	2	6	27	34	11	3	1	0	0	84
	13:15	0	0	0	0	0	0	0	0	10	27	36	13	4	1	0	0	91
	13:30	0	0	0	0	0	0	1	1	10	33	31	2	4	1	0	0	83
	13:45	0	0	0	0	0	0	0	1	9	42	48	12	3	1	0	0	116
	14:00	0	0	0	0	0	0	0	3	9	21	47	7	2	2	0	0	91
	14:15	0	0	0	0	0	0	0	1	12	22	39	13	4	0	0	0	91
	14:30	0	0	0	0	0	0	0	2	9	35	46	13	1	1	0	0	107
	14:45	0	0	0	0	0	0	0	3	9	29	32	19	4	0	0	0	96
	15:00	0	0	0	0	0	0	1	5	16	30	43	6	2	1	0	0	104
	15:15	1	0	0	0	0	0	1	8	19	29	28	5	1	0	0	0	92
	15:30	0	0	0	0	0	0	0	2	7	22	47	14	6	0	0	0	98
	15:45	0	0	0	0	0	0	0	1	12	41	39	8	5	0	0	0	106
	16:00	1	0	0	0	0	0	0	1	10	34	49	11	2	0	0	0	108
	16:15	0	0	0	0	0	0	0	3	8	41	45	15	4	1	0	0	117
	16:30	0	0	0	0	0	0	0	4	8	37	50	14	2	0	0	0	115
	16:45	0	0	0	0	0	0	0	3	14	36	44	11	1	0	0	0	109
	17:00	0	0	0	0	0	0	2	5	9	33	51	12	4	0	0	0	116
	17:15	0	0	1	1	0	0	0	5	13	34	56	8	2	1	0	0	121
	17:30	0	0	0	0	0	0	0	6	13	34	48	15	0	0	1	0	117
	17:45	0	0	0	0	0	0	0	2	18	41	48	10	1	1	0	0	121
	18:00	0	0	0	0	0	0	0	5	17	36	32	7	2	1	0	0	100
	18:15	0	0	0	0	0	0	0	2	17	35	28	12	2	0	0	0	96
	18:30	0	0	0	0	0	0	1	3	5	21	34	14	0	1	0	0	79
	18:45	0	0	0	0	0	0	4	4	10	26	28	8	2	0	1	0	83
	19:00	0	0	0	0	0	0	0	1	14	22	22	4	2	1	1	0	67
	19:15	0	0	0	0	0	0	0	2	6	24	22	7	0	0	0	0	61
	19:30	0	0	0	0	0	0	2	8	7	22	24	3	0	1	0	0	67
	19:45	0	0	0	0	0	0	0	4	9	22	8	2	1	0	0	0	46
	20:00	0	0	0	0	0	0	2	5	7	10	6	0	0	0	0	0	30
	20:15	0	0	0	0	0	0	1	5	8	19	6	1	0	0	0	0	40
	20:30	1	1	1	0	0	0	4	6	10	12	10	2	0	0	0	0	47
	20:45	0	0	0	0	0	1	6	4	15	9	10	3	1	0	0	0	49
	21:00	0	0	0	0	0	0	3	14	10	12	9	1	0	0	0	0	49
	21:15	0	2	0	0	1	2	2	6	9	3	3	0	0	0	0	0	28
	21:30	0	1	0	0	0	1	1	4	8	3	6	2	0	0	0	0	26
	21:45	0	0	1	0	0	1	0	2	10	5	7	2	0	1	0	0	29
	22:00	1	1	0	0	0	0	2	3	2	16	9	1	2	0	0	0	37
	22:15	1	2	1	0	0	0	0	2	2	5	4	0	1	0	0	0	18
	22:30	2	0	0	0	0	1	2	2	5	6	9	2	0	0	0	0	29
	22:45	0	1	2	0	1	0	0	2	4	4	14	1	2	0	0	0	31
	23:00	0	0	0	0	0	0	1	0	8	7	6	1	0	0	0	0	23
	23:15	0	0	0	0	0	1	2	2	10	7	7	0	0	0	0	0	29
	23:30	0	1	1	0	0	0	2	3	3	3	2	0	1	0	0	0	16
	23:45	0	0	0	0	0	0	0	1	1	4	4	2	0	0	0	0	12

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		14	29	31	1	2	11	63	225	659	1795	2463	652	133	25	4	0	6107
Percent :		0%	0%	1%	0%	0%	0%	1%	4%	11%	29%	40%	11%	2%	0%	0%	0%	
Average :		0	0	0	0	0	0	1	2	7	19	26	7	1	0	0	0	77

Speeds - Average: 64.4 50% : 65.5 67% : 67.6 85% : 69.8 10mph Pace: 60.1 - 70.0 (69.7%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	1	3	1	1	1	0	0	0	0	7
Wed	00:15	1	0	0	0	0	0	0	0	2	3	5	1	1	0	0	0	13
	00:30	2	0	0	0	0	1	0	0	1	3	0	0	0	0	0	0	7
	00:45	0	1	0	0	0	0	0	0	1	2	1	0	1	0	0	0	6
	01:00	0	0	1	0	0	0	0	2	3	2	2	0	0	0	0	0	10
	01:15	0	0	0	0	0	0	1	2	2	2	2	2	0	0	0	0	11
	01:30	1	0	0	0	0	0	0	1	1	4	0	1	0	0	0	0	8
	01:45	0	1	0	0	0	0	1	2	6	1	3	0	0	0	0	0	14
	02:00	0	0	0	0	0	0	1	0	1	4	4	0	0	0	0	0	10
	02:15	1	0	0	0	0	1	0	2	0	0	3	0	0	0	0	0	7
	02:30	0	1	0	0	0	0	1	0	2	3	1	0	0	0	0	0	8
	02:45	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
	03:00	0	0	0	0	0	1	1	2	2	1	1	0	0	0	0	0	8
	03:15	0	0	0	0	0	1	1	0	0	1	2	0	0	0	0	0	5
	03:30	0	0	0	0	0	0	1	5	0	5	1	0	0	0	0	0	12
	03:45	0	0	1	0	0	0	0	1	2	2	3	1	0	0	0	0	10
	04:00	0	1	0	0	0	0	0	1	2	3	4	2	0	0	0	0	13
	04:15	0	1	0	0	0	0	0	3	0	9	3	2	0	0	0	0	18
	04:30	0	3	2	0	0	0	2	2	1	6	1	0	0	0	0	0	17
	04:45	0	0	2	0	0	0	0	0	4	9	10	1	0	0	0	0	26
	05:00	0	0	1	0	1	1	0	1	3	5	2	1	0	0	0	0	15
	05:15	0	0	1	0	0	1	0	3	7	10	9	0	0	0	0	0	31
	05:30	0	2	4	0	0	0	1	2	1	12	9	3	0	0	0	0	34
	05:45	0	3	1	0	0	0	0	3	2	7	15	2	1	0	0	0	34
	06:00	0	1	2	0	0	0	0	1	9	13	18	4	0	0	0	0	48
	06:15	1	6	5	0	0	0	0	3	2	21	17	3	0	0	0	0	58
	06:30	1	2	8	1	0	0	1	1	7	27	30	5	0	0	0	0	83
	06:45	1	2	5	0	0	0	0	0	6	23	40	7	1	0	0	0	85
	07:00	1	3	3	0	0	0	0	3	4	29	41	12	1	0	0	0	97
	07:15	3	6	5	0	0	0	0	2	3	28	54	6	0	1	0	0	108
	07:30	0	6	7	0	0	0	0	5	7	44	49	6	1	0	0	0	125
	07:45	2	3	7	0	0	0	0	0	5	31	59	9	3	0	0	0	119
	08:00	0	2	3	0	1	0	0	0	10	25	49	5	2	0	0	0	97
	08:15	1	1	1	0	0	0	0	4	8	29	40	8	1	0	0	0	93
	08:30	0	1	1	0	0	0	0	0	11	31	36	11	5	2	0	0	98
	08:45	0	1	0	0	0	0	0	2	9	20	44	8	0	0	0	0	84
	09:00	0	0	0	0	0	0	0	5	8	39	39	11	1	0	0	0	103
	09:15	0	0	0	0	0	0	0	2	7	26	43	11	2	1	0	0	92
	09:30	0	0	1	0	0	0	0	5	16	32	39	11	2	0	0	0	106
	09:45	0	0	0	0	0	0	0	1	16	34	48	11	3	0	0	0	113
	10:00	0	0	0	0	0	0	1	3	11	34	40	14	2	0	0	0	105
	10:15	0	0	0	0	0	0	0	5	9	26	51	16	3	0	0	0	110
	10:30	0	0	0	0	0	0	0	1	12	26	52	7	2	0	0	0	100
	10:45	0	0	0	0	0	0	1	3	16	22	49	15	0	0	0	0	106
	11:00	0	0	0	0	0	0	0	1	9	25	41	14	3	1	0	0	94
	11:15	0	0	0	0	0	0	0	8	6	34	33	11	5	2	0	0	99
	11:30	0	0	0	0	0	0	1	5	20	31	39	7	7	1	0	0	111
	11:45	0	0	0	0	0	0	1	0	12	29	43	13	2	0	0	0	100
	12:00	0	0	0	0	0	1	0	1	10	35	36	13	1	1	0	0	98
	12:15	0	0	0	0	0	0	0	2	14	36	28	11	2	1	0	0	94

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	2	6	33	30	10	2	0	0	0	83
Wed	12:45	0	0	0	0	0	0	2	2	19	36	41	9	3	0	0	0	112
	13:00	0	0	0	0	0	0	1	5	13	19	38	9	6	1	0	0	92
	13:15	0	0	0	0	0	0	0	1	8	35	39	11	3	3	0	0	100
	13:30	0	0	0	0	0	0	0	2	9	26	39	10	2	1	0	0	89
	13:45	0	0	0	0	0	0	0	1	11	44	32	7	2	1	0	0	98
	14:00	0	0	0	0	0	0	0	8	19	30	34	12	2	0	0	0	105
	14:15	0	0	0	0	0	0	0	1	13	31	53	7	2	0	0	0	107
	14:30	0	0	0	0	0	0	0	1	18	27	40	9	3	0	0	0	98
	14:45	0	0	0	0	0	0	0	0	10	39	33	13	0	2	0	0	97
	15:00	0	0	0	0	0	0	0	10	12	30	39	2	2	0	0	0	95
	15:15	0	0	0	0	0	1	0	3	17	33	41	15	1	0	0	0	111
	15:30	0	0	0	0	0	0	2	7	30	49	34	4	0	0	0	0	126
	15:45	0	0	0	0	0	0	2	1	22	27	33	1	1	0	0	0	87
	16:00	0	0	0	0	0	0	1	21	15	36	20	1	1	0	0	0	95
	16:15	0	0	0	0	0	0	4	5	14	40	33	12	2	0	0	0	110
	16:30	1	0	0	0	0	1	3	5	15	34	39	12	4	0	0	0	114
	16:45	0	0	0	0	0	0	0	5	14	50	21	4	1	0	0	0	95
	17:00	0	0	0	0	0	0	4	14	23	36	21	1	0	0	0	0	99
	17:15	0	0	0	0	0	0	1	7	19	47	38	7	2	1	0	0	122
	17:30	0	0	0	0	0	0	0	2	16	47	42	6	0	0	0	0	113
	17:45	0	0	0	0	0	1	0	4	24	42	25	5	1	0	0	0	102
	18:00	0	0	0	0	1	0	1	7	35	45	17	1	0	0	0	0	107
	18:15	0	1	0	1	0	0	2	8	22	34	7	1	0	0	0	0	76
	18:30	1	0	0	0	0	2	2	11	10	34	15	3	0	0	0	0	78
	18:45	0	1	0	0	0	1	0	3	12	26	29	8	3	0	0	0	83
	19:00	1	0	0	0	0	0	0	4	5	29	20	4	1	0	0	0	64
	19:15	0	0	0	0	0	0	2	4	13	25	12	7	0	0	0	0	63
	19:30	0	0	0	0	1	2	0	6	10	17	6	1	0	0	0	0	43
	19:45	1	0	0	0	0	0	1	1	10	20	8	3	0	0	0	0	44
	20:00	0	0	0	0	2	0	2	5	7	12	6	0	0	0	0	0	34
	20:15	0	0	0	0	0	0	2	6	8	22	8	0	0	0	0	0	46
	20:30	0	1	0	0	1	3	4	7	15	11	8	0	0	0	0	0	50
	20:45	1	0	0	1	1	1	3	16	9	10	7	1	0	0	0	0	50
	21:00	0	0	0	0	0	0	0	3	11	14	7	5	0	0	0	0	40
	21:15	0	2	1	0	0	0	1	6	5	14	8	1	1	1	0	0	40
	21:30	1	0	0	0	0	1	2	5	9	8	4	0	0	0	0	0	30
	21:45	1	1	0	0	0	0	4	5	7	7	2	1	1	0	0	0	29
	22:00	0	0	0	0	1	1	1	1	7	8	8	0	0	0	0	0	27
	22:15	0	0	0	0	0	0	2	5	2	9	3	0	0	0	0	0	21
	22:30	0	0	1	0	0	0	0	3	4	4	7	0	1	0	0	0	20
	22:45	0	0	0	0	0	0	3	4	4	6	4	2	0	0	0	0	23
	23:00	0	0	0	0	0	0	1	2	6	4	2	0	0	0	0	0	15
	23:15	0	0	0	0	0	0	0	2	2	3	1	0	0	0	0	0	8
	23:30	0	0	0	1	0	0	1	1	2	9	4	1	1	0	0	0	20
	23:45	0	0	0	0	1	3	4	3	4	8	1	1	0	0	0	0	25

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		22	53	63	4	10	24	73	321	859	2018	2100	473	100	20	0	0	6140
Percent :		0%	1%	1%	0%	0%	0%	1%	5%	14%	33%	34%	8%	2%	0%	0%	0%	
Average :		0	1	1	0	0	0	1	3	9	21	22	5	1	0	0	0	63

Speeds - Average: 62.8 50% : 64.1 67% : 66.6 85% : 69.3 10mph Pace: 60.1 - 70.0 (67.1%)

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	3	4	6	1	1	0	0	0	0	15
Thu	00:15	0	0	0	0	0	2	0	4	1	1	4	0	0	0	0	0	12
	00:30	0	0	0	0	0	1	0	1	1	5	2	0	0	0	0	0	10
	00:45	0	1	0	0	0	1	2	1	0	3	3	0	0	0	0	0	11
	01:00	0	0	0	0	0	0	3	4	0	2	1	1	0	0	0	0	11
	01:15	0	0	0	0	0	0	1	0	1	3	4	2	1	0	0	0	12
	01:30	1	0	0	0	0	0	0	1	0	2	0	2	0	0	0	0	6
	01:45	0	0	0	0	0	0	1	2	1	3	3	0	0	0	0	0	10
	02:00	0	0	0	0	0	0	0	2	2	0	3	0	0	0	0	0	7
	02:15	0	0	0	0	0	0	1	3	0	3	1	0	0	0	0	0	8
	02:30	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	3
	02:45	0	0	0	0	0	0	0	3	5	1	4	1	0	0	0	0	14
	03:00	0	0	0	0	0	1	0	0	2	2	2	0	0	0	0	0	7
	03:15	0	0	0	0	0	0	1	3	1	1	2	0	0	0	0	0	8
	03:30	0	0	0	0	1	0	0	1	4	4	0	0	0	0	0	0	10
	03:45	0	0	0	0	1	0	0	1	0	3	3	0	0	0	0	0	8
	04:00	0	1	0	0	0	0	0	1	5	1	2	0	0	0	0	0	10
	04:15	1	0	0	0	0	0	1	2	2	6	4	2	0	0	0	0	18
	04:30	0	0	0	0	1	1	0	4	1	4	2	1	0	0	0	0	14
	04:45	0	0	0	0	0	0	1	4	6	8	9	0	0	0	0	0	28
	05:00	0	0	0	0	0	0	3	5	2	5	3	1	0	0	0	0	19
	05:15	0	0	1	0	0	3	0	3	5	10	12	2	0	0	0	0	36
	05:30	0	0	1	0	0	2	2	1	8	8	13	3	1	0	0	0	39
	05:45	0	0	2	0	1	0	0	7	8	11	4	0	0	0	0	0	33
	06:00	0	2	1	0	0	0	0	4	12	9	9	0	1	0	0	0	38
	06:15	1	0	1	0	0	0	0	4	19	27	13	2	0	1	0	0	68
	06:30	0	1	2	0	0	0	0	3	5	30	34	8	1	1	0	0	85
	06:45	0	1	1	0	0	0	0	3	4	23	43	12	0	0	0	0	87
	07:00	0	1	4	1	0	1	0	1	3	21	52	6	0	0	0	0	90
Daily Total :		4	7	13	1	4	12	16	71	102	202	234	44	4	3	0	0	717
Percent :		1%	1%	2%	0%	1%	2%	2%	10%	14%	28%	33%	6%	1%	0%	0%	0%	
Average :		0	0	0	0	0	0	1	2	4	7	8	2	0	0	0	0	64

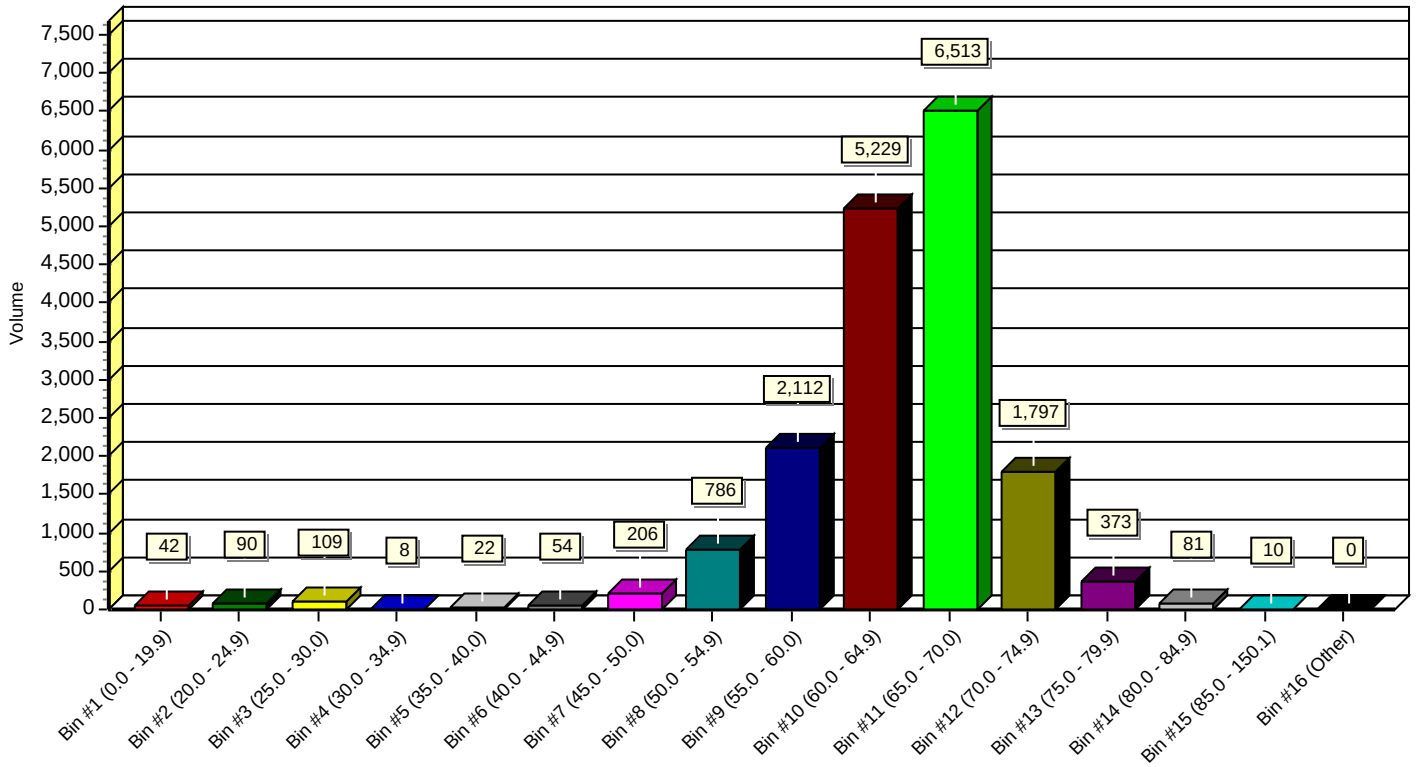
Speeds - Average: 61.0 50% : 63.1 67% : 66.1 85% : 68.8 10mph Pace: 60.1 - 70.0 (60.8%)

Basic Speed Class Summary: 4D0061456

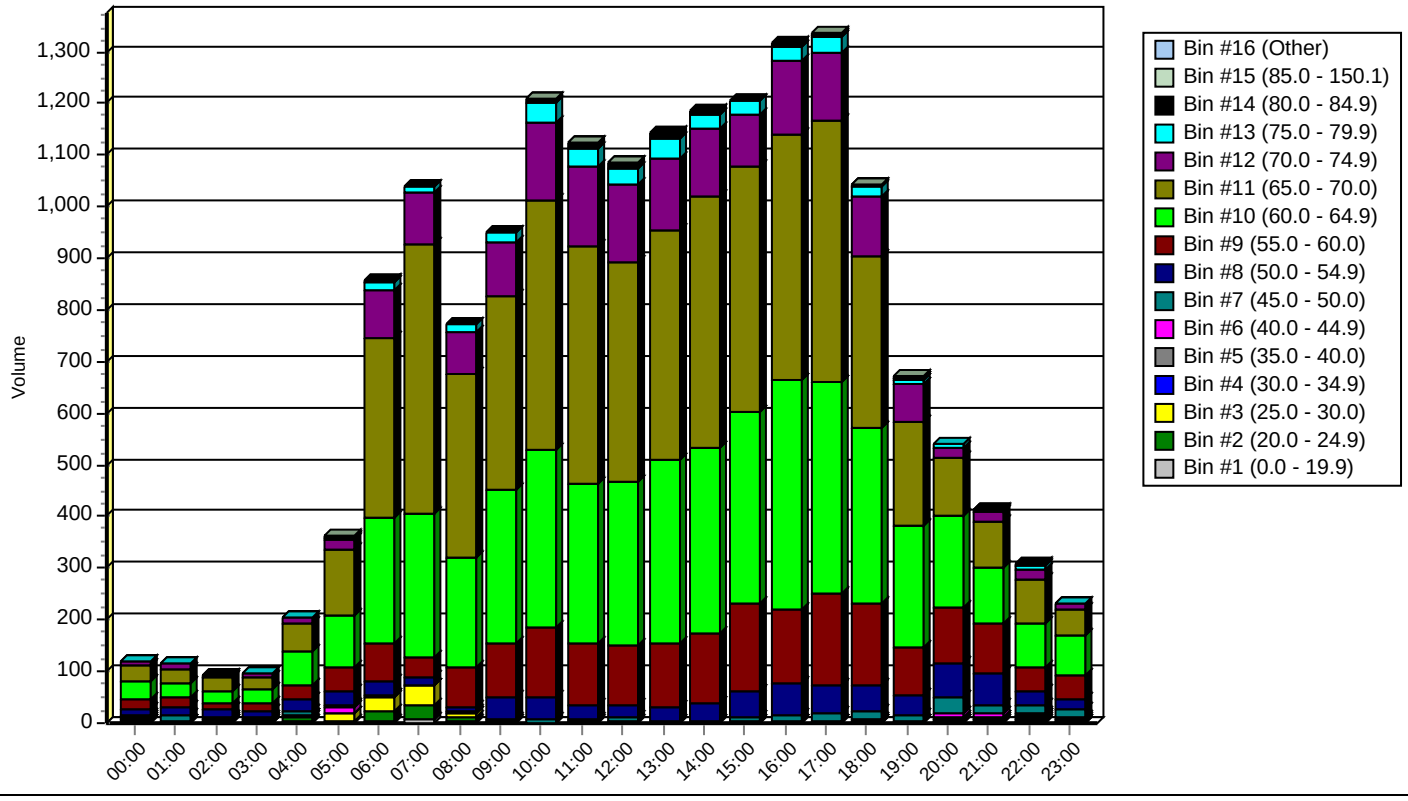
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	42	90	109	8	22	54	206	786	2112	5229	6513	1797	373	81	10	0	17432
		42	90	109	8	22	54	206	786	2112	5229	6513	1797	373	81	10	0	17432
Percents :	#1.	0%	1%	1%	0%	0%	0%	1%	5%	12%	30%	37%	10%	2%	0%	0%	0%	100%
		0%	1%	1%	0%	0%	0%	1%	5%	12%	30%	37%	10%	2%	0%	0%	0%	
Average :	#1.	0	0	0	0	0	0	1	3	8	19	23	6	1	0	0	0	61
		0	0	0	0	0	0	1	3	8	19	23	6	1	0	0	0	61
Days & ADT :	#1.	2.9	5998															
		2.9	5998															
Avg,50,67,85%:	#1.	63.9	65.1	67.4	69.8	60.1	- 70.0	67%										
		63.9	65.1	67.4	69.8	60.1	- 70.0	67%										

4D0061456 Speed Class Charts For Data From: 09:30 - 04/11/2011 To: 07:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Basic Axle Classification Report: 4P0061456

Station ID : 4P0061456
Info Line 1 : 90994560
Info Line 2 : I-90 E OF JOHNS
GPS Lat/Lon :
DB File : 4P0061456.DB

Last Connected Device Type : Unic-L
Version Number : 1.41
Serial Number : 91392
Number of Lanes : 1
Posted Speed Limit :

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Axle Classification Data From: 09:15 - 04/11/2011 To: 07:29 - 04/14/2011

Date	Time	(AXLE) #1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	09:15	0	4	7	0	0	0	0	0	0	0	0	0	0	0	11
Mon	09:30	0	7	10	0	0	0	0	0	0	0	0	0	0	0	17
	09:45	0	12	3	1	0	0	0	0	1	0	0	0	0	0	17
	10:00	0	7	5	0	0	0	0	0	0	0	0	0	0	1	13
	10:15	0	8	6	0	0	1	0	0	1	0	0	1	0	0	17
	10:30	0	9	9	0	0	1	0	0	2	0	0	0	0	0	21
	10:45	0	3	12	0	0	0	0	0	0	0	0	0	1	0	16
	11:00	0	8	1	0	0	0	0	0	0	0	0	0	0	0	9
	11:15	0	10	7	1	0	0	0	0	0	0	0	0	0	0	18
	11:30	0	6	8	0	0	0	0	0	0	0	0	0	0	0	14
	11:45	0	10	10	0	0	0	0	0	0	0	0	0	0	0	20
	12:00	0	10	4	0	0	0	0	0	0	0	0	0	0	0	14
	12:15	0	5	9	0	0	2	0	0	0	0	0	0	0	0	16
	12:30	0	7	10	0	0	0	0	0	1	0	0	0	0	0	18
	12:45	0	5	7	0	0	0	0	0	0	0	0	0	0	0	12
	13:00	0	7	10	0	0	0	0	0	0	0	0	0	0	0	17
	13:15	1	6	7	0	0	1	0	0	0	0	0	0	0	0	15
	13:30	0	6	7	0	0	0	0	0	3	0	0	0	0	0	16
	13:45	0	10	7	0	0	1	0	0	0	0	0	0	0	0	18
	14:00	1	11	3	0	0	0	0	0	0	0	0	0	0	0	15
	14:15	0	3	6	0	0	0	0	0	1	0	0	0	0	0	10
	14:30	0	12	8	0	0	0	0	0	0	0	0	0	0	0	20
	14:45	0	9	4	1	0	0	0	0	0	0	0	0	0	0	14
	15:00	1	6	0	0	0	0	0	0	1	0	0	0	0	0	8
	15:15	0	6	4	0	0	0	0	2	2	0	0	0	0	0	14
	15:30	0	3	10	0	0	0	0	0	0	0	0	0	0	0	13
	15:45	0	5	2	0	0	0	0	0	0	0	1	0	0	0	8
	16:00	0	11	3	0	0	0	0	0	0	0	0	0	0	0	14
	16:15	2	13	8	0	0	0	0	0	1	0	0	0	0	0	24
	16:30	0	15	14	0	0	0	0	0	3	0	0	0	0	0	32
	16:45	0	10	4	0	0	0	0	0	1	1	0	0	0	0	16
	17:00	0	7	11	0	0	0	0	0	1	0	0	0	0	0	19
	17:15	0	15	5	0	1	0	0	0	0	0	0	0	0	0	21
	17:30	0	9	5	0	0	0	0	0	0	0	0	0	0	0	14

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/11/11	17:45	0	8	7	0	0	0	0	0	0	0	0	0	0	0	15
Mon	18:00	0	8	6	0	0	0	0	0	0	0	0	0	0	0	14
	18:15	0	7	5	0	0	0	0	0	1	0	0	0	0	0	13
	18:30	0	5	3	0	0	0	0	0	1	0	0	0	0	0	9
	18:45	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	19:00	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	19:15	0	2	2	0	0	0	0	0	0	1	0	0	0	0	5
	19:30	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	19:45	0	1	1	0	0	0	0	0	1	1	0	0	0	0	4
	20:00	0	0	3	0	0	0	0	0	0	1	0	0	0	0	4
	20:15	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	20:30	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
	20:45	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4
	21:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	21:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	21:30	1	1	1	0	0	0	0	0	1	0	0	0	0	0	4
	21:45	0	1	1	0	0	0	0	0	1	0	0	0	0	0	3
	22:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	22:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:45	0	0	2	0	0	0	0	0	1	0	0	0	0	0	3
	23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2
Daily Total :		7	332	282	3	2	6	0	3	26	4	1	1	1	1	669
Percent :		1%	50%	42%	0%	0%	1%	0%	0%	4%	1%	0%	0%	0%	0%	
Average :		0	6	5	0	0	0	0	0	0	0	0	0	0	0	11

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	00:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	05:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	05:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	06:00	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
	06:15	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	06:30	0	17	8	0	0	0	0	0	0	0	0	0	0	0	25
	06:45	0	11	5	0	0	0	0	0	0	0	0	0	0	0	16
	07:00	0	21	5	0	0	0	0	0	0	0	0	0	0	0	26
	07:15	0	26	11	0	0	0	0	0	0	0	0	0	0	0	37
	07:30	0	32	31	0	0	0	0	0	2	0	0	0	0	0	65
	07:45	0	31	21	0	1	0	0	0	0	0	0	0	0	0	53
	08:00	0	14	4	0	0	0	0	0	1	0	0	0	0	0	19
	08:15	0	8	7	0	0	0	0	0	0	0	0	0	0	0	15
	08:30	0	17	5	0	0	0	0	1	0	0	0	0	0	0	23
	08:45	0	6	3	0	0	0	0	0	1	0	0	0	0	0	10
	09:00	0	6	7	0	0	0	0	1	1	0	0	0	0	0	15
	09:15	0	14	4	0	0	0	0	0	0	0	0	0	0	0	18
	09:30	0	7	4	0	0	0	0	0	0	1	0	0	0	0	12
	09:45	0	10	5	0	1	0	0	0	1	0	0	0	0	0	17
	10:00	0	3	4	0	1	0	0	0	0	0	0	0	0	1	9
	10:15	0	7	6	0	0	0	0	0	1	0	0	0	0	0	14
	10:30	0	10	5	0	0	0	0	0	1	0	0	0	0	0	16
	10:45	0	6	11	0	2	0	0	0	2	1	0	0	0	0	22
	11:00	0	5	4	0	0	0	0	0	1	0	0	0	1	0	11
	11:15	0	3	7	0	0	0	0	0	1	0	0	0	1	0	12
	11:30	0	8	5	0	0	0	0	0	1	0	0	0	0	0	14
	11:45	0	5	8	0	0	0	0	0	0	0	0	0	0	0	13
	12:00	0	4	8	1	0	0	0	0	0	0	0	0	0	0	13
	12:15	0	6	2	0	0	0	0	0	0	0	0	0	0	0	8

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/12/11	12:30	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
Tue	12:45	0	8	5	0	0	0	0	0	0	0	0	0	0	0	13
	13:00	0	4	3	0	0	0	0	0	0	0	0	0	0	0	7
	13:15	0	12	5	0	0	1	0	0	0	0	0	0	0	0	18
	13:30	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
	13:45	0	5	6	0	0	0	0	0	1	0	0	0	0	0	12
	14:00	1	8	6	0	0	0	0	0	1	0	0	0	0	0	16
	14:15	0	5	5	1	0	0	0	0	1	0	0	0	0	0	12
	14:30	0	11	3	0	1	0	0	0	1	0	0	0	0	0	16
	14:45	0	6	10	0	0	1	0	0	0	0	0	0	0	0	17
	15:00	0	6	6	0	0	1	0	0	0	0	0	0	0	0	13
	15:15	0	12	16	0	0	1	0	0	4	0	0	0	0	0	33
	15:30	0	10	11	0	0	0	0	0	0	0	0	0	0	0	21
	15:45	0	12	8	0	0	1	0	0	1	0	0	0	0	0	22
	16:00	0	12	8	0	0	0	0	0	0	0	0	0	0	0	20
	16:15	0	10	2	1	0	0	0	0	0	0	0	0	0	0	13
	16:30	0	11	5	0	0	0	0	0	0	0	0	0	0	0	16
	16:45	0	5	6	0	0	0	0	0	1	0	0	0	0	0	12
	17:00	0	11	11	0	0	0	0	0	1	0	0	0	0	0	23
	17:15	0	14	7	0	0	1	0	0	1	0	0	1	0	0	24
	17:30	0	5	14	0	1	0	0	0	0	0	0	0	0	0	20
	17:45	0	9	4	0	0	0	0	0	1	0	0	0	0	0	14
	18:00	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
	18:15	0	5	9	0	0	0	0	0	2	0	0	0	0	0	16
	18:30	0	3	3	0	0	0	0	0	0	1	0	0	0	0	7
	18:45	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
	19:00	0	7	4	0	0	0	0	0	0	0	0	0	0	0	11
	19:15	0	1	4	0	0	0	0	0	1	0	0	0	0	0	6
	19:30	0	3	3	0	0	0	0	1	1	0	0	0	0	0	8
	19:45	0	5	10	0	0	0	0	0	4	0	0	0	0	0	19
	20:00	1	9	13	0	1	0	0	0	5	0	0	0	0	0	29
	20:15	0	7	2	0	0	0	0	0	4	0	0	0	0	0	13
	20:30	0	4	4	0	0	0	0	0	1	0	0	0	0	0	9
	20:45	0	4	3	0	1	0	0	0	0	0	0	0	0	1	9
	21:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	21:15	0	3	6	0	0	0	0	0	0	0	0	0	0	0	9
	21:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	21:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	22:00	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	22:45	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
	23:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:45	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Daily Total :		2	554	418	3	9	6	0	3	46	3	0	1	2	2	1049
	Percent :	0%	53%	40%	0%	1%	1%	0%	0%	4%	0%	0%	0%	0%	0%	
	Average :	0	6	4	0	0	0	0	0	0	0	0	0	0	0	10

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	00:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	00:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	05:30	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
	05:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	06:00	0	4	1	0	0	0	0	0	0	0	0	0	1	0	6
	06:15	0	10	5	0	0	0	0	0	0	0	0	0	0	0	15
	06:30	0	11	9	0	0	1	0	0	0	0	0	0	0	1	22
	06:45	0	17	6	0	0	0	0	0	0	0	0	0	0	0	23
	07:00	1	16	9	0	0	0	0	0	0	0	0	0	0	0	26
	07:15	0	22	10	0	0	0	0	0	0	0	0	0	0	0	32
	07:30	1	29	22	0	0	0	0	0	0	0	0	0	0	0	52
	07:45	0	32	13	0	0	0	0	0	0	0	0	0	0	0	45
	08:00	0	13	8	0	0	0	0	0	0	0	0	0	0	0	21
	08:15	0	4	7	0	0	0	0	0	0	0	0	0	0	0	11
	08:30	0	5	8	0	0	0	0	0	0	0	0	0	0	0	13
	08:45	1	11	4	0	0	0	0	0	0	0	0	0	0	0	16
	09:00	0	10	5	0	0	0	0	0	1	0	0	0	0	0	16
	09:15	0	13	8	0	0	0	0	0	1	0	0	0	0	0	22
	09:30	0	7	8	0	0	0	0	0	1	0	0	0	0	0	16
	09:45	0	10	7	0	0	0	0	0	1	0	0	0	0	0	18
	10:00	0	4	7	0	0	0	0	0	0	0	0	0	0	0	11
	10:15	0	7	9	0	0	0	0	1	1	0	0	0	0	0	18
	10:30	0	2	5	0	0	0	0	0	1	0	0	0	2	0	10
	10:45	0	8	10	0	0	0	0	1	0	0	0	0	0	0	19
	11:00	0	6	9	0	0	0	0	0	0	0	0	0	0	0	15
	11:15	0	7	7	0	0	0	0	0	1	0	0	0	0	0	15
	11:30	0	8	6	1	0	0	0	0	1	0	0	0	0	0	16
	11:45	0	8	5	0	0	0	0	0	2	0	0	0	0	0	15
	12:00	0	11	10	0	0	0	0	0	0	0	0	0	0	0	21
	12:15	0	8	8	1	1	0	0	0	1	0	0	0	1	0	20

Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/13/11	12:30	0	7	2	0	0	0	0	0	0	0	0	0	0	0	9
Wed	12:45	0	7	8	0	0	0	0	0	0	0	0	0	0	0	15
	13:00	0	3	9	0	1	0	0	1	0	0	0	0	0	0	14
	13:15	0	8	9	0	0	0	0	0	0	0	0	0	1	0	18
	13:30	0	3	4	0	0	0	0	1	1	1	0	0	0	0	10
	13:45	0	2	3	0	0	1	0	0	1	0	0	0	1	0	8
	14:00	0	7	5	1	0	0	0	0	0	0	0	0	0	0	13
	14:15	0	7	5	0	0	1	0	0	0	0	0	0	1	0	14
	14:30	0	7	7	0	0	0	0	0	0	0	0	0	0	0	14
	14:45	0	8	5	1	0	0	0	0	0	0	0	0	0	0	14
	15:00	0	10	6	0	0	0	0	0	1	0	0	0	1	0	18
	15:15	0	12	9	0	0	0	0	0	2	0	0	1	0	0	24
	15:30	0	12	9	0	0	0	0	0	3	1	0	0	0	0	25
	15:45	1	11	12	0	0	1	0	0	0	0	0	0	0	0	25
	16:00	0	11	10	0	0	1	0	0	1	0	0	0	0	0	23
	16:15	0	14	10	0	0	0	0	0	0	0	0	0	0	0	24
	16:30	0	9	11	0	1	0	0	0	1	0	0	0	0	0	22
	16:45	0	10	10	0	0	0	1	1	3	1	0	0	0	0	26
	17:00	0	24	17	0	2	0	0	0	6	2	0	0	0	0	51
	17:15	0	13	8	0	0	1	0	0	2	1	0	0	2	0	27
	17:30	0	10	11	0	0	0	0	0	1	0	0	0	0	0	22
	17:45	0	6	7	0	0	0	0	1	0	0	0	0	1	0	15
	18:00	0	5	4	0	0	1	0	0	2	0	1	0	0	0	13
	18:15	0	11	9	0	1	0	0	0	3	0	0	0	0	0	24
	18:30	0	6	6	0	0	1	0	0	0	0	0	0	0	0	13
	18:45	0	3	7	0	0	0	0	1	0	0	0	0	0	0	11
	19:00	0	1	1	0	0	0	0	0	0	0	0	0	1	0	3
	19:15	0	6	4	0	0	0	0	0	0	1	0	0	0	0	11
	19:30	0	1	3	0	0	0	0	0	2	0	0	0	0	0	6
	19:45	0	3	6	0	0	0	0	1	2	0	0	0	2	1	15
	20:00	0	2	3	0	0	0	0	0	1	1	0	0	1	0	8
	20:15	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	20:30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	20:45	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	21:00	0	5	2	0	0	0	0	0	1	0	0	0	0	0	8
	21:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	21:30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	21:45	0	2	3	0	0	0	0	0	1	1	0	0	0	0	7
	22:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	22:15	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	1	2	0	0	0	0	0	0	0	0	0	1	0	4
Daily Total :		4	544	448	4	7	8	1	8	50	9	1	1	16	2	1103
	Percent :	0%	49%	41%	0%	1%	1%	0%	1%	5%	1%	0%	0%	1%	0%	
	Average :	0	6	5	0	0	0	0	0	1	0	0	0	0	0	12

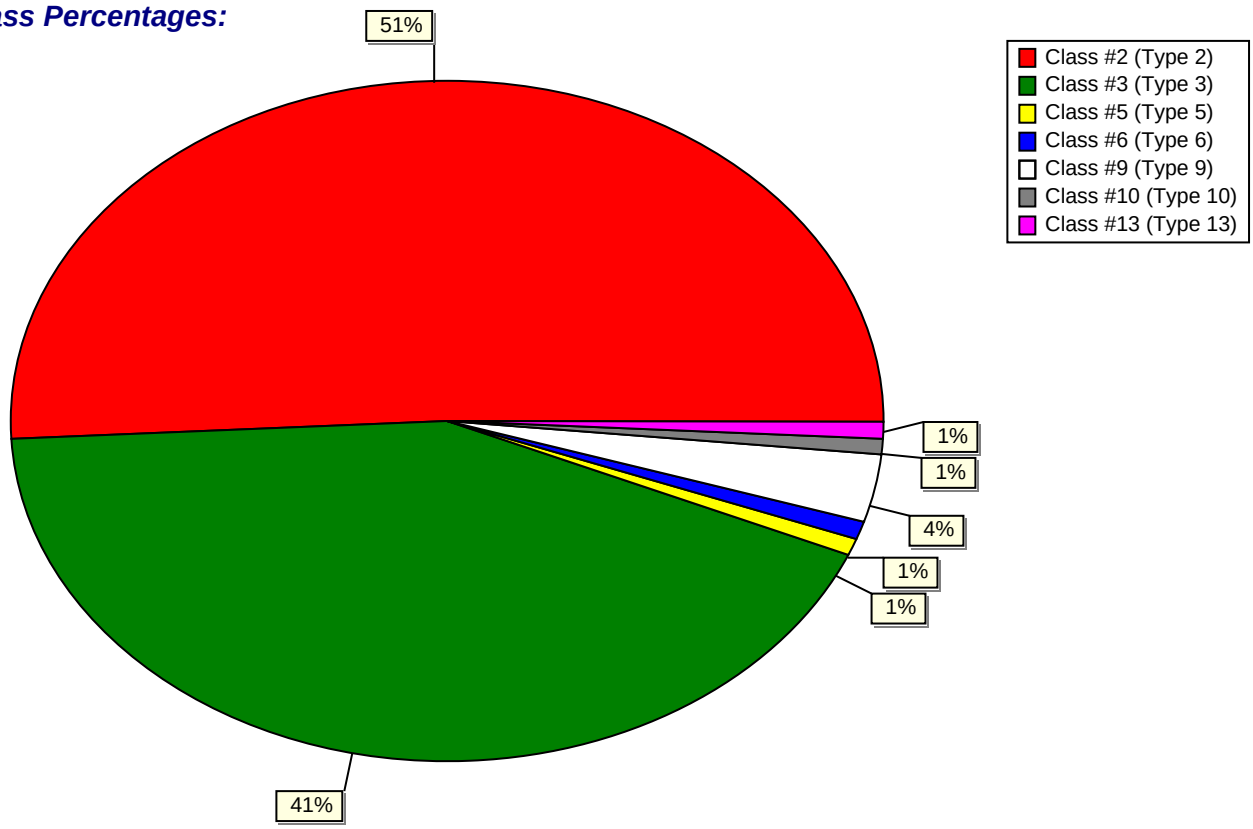
Date	(AXLE) Time	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
04/14/11	00:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Thu	00:15	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	01:15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	04:45	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	05:30	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
	05:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	06:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
	06:15	0	15	4	0	0	0	0	0	0	0	0	0	1	0	20
	06:30	0	9	8	0	1	0	0	0	0	0	0	0	0	0	18
	06:45	0	12	12	0	0	0	0	0	0	0	0	0	0	0	24
	07:00	0	11	7	0	0	0	0	0	0	0	0	0	1	0	19
Daily Total :		0	59	38	0	1	0	0	0	0	1	0	0	2	0	101
	Percent :	0%	58%	38%	0%	1%	0%	0%	0%	0%	1%	0%	0%	2%	0%	
	Average :	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3

Basic Axle Class Summary: 4P0061456

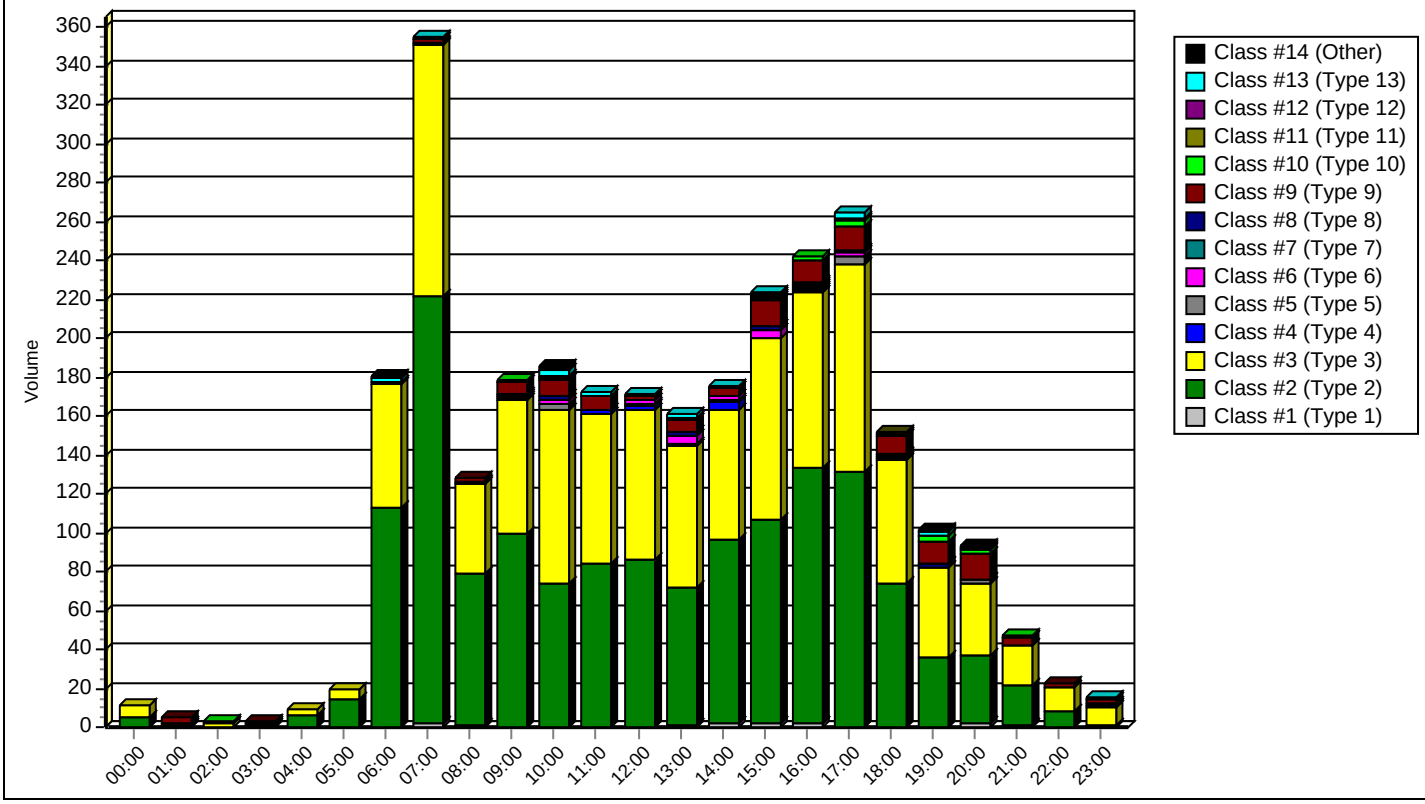
(AXLE) Description	Lane	#1 Type 1	#2 Type 2	#3 Type 3	#4 Type 4	#5 Type 5	#6 Type 6	#7 Type 7	#8 Type 8	#9 Type 9	#10 Type 10	#11 Type 11	#12 Type 12	#13 Type 13	#14 Other	Total
TOTAL COUNT :	#1.	13	1489	1186	10	19	20	1	14	122	17	2	3	21	5	2922
		13	1489	1186	10	19	20	1	14	122	17	2	3	21	5	2922
Percents :	#1.	0%	51%	41%	0%	1%	1%	0%	0%	4%	1%	0%	0%	1%	0%	100%
		0%	51%	41%	0%	1%	1%	0%	0%	4%	1%	0%	0%	1%	0%	
Average :	#1.	0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
		0	5	4	0	0	0	0	0	0	0	0	0	0	0	9
Days & ADT :	#1.	2.9	1001													
		2.9	1001													

4P0061456 Axle Class Charts For Data From: 09:15 - 04/11/2011 To: 07:29 - 04/14/2011

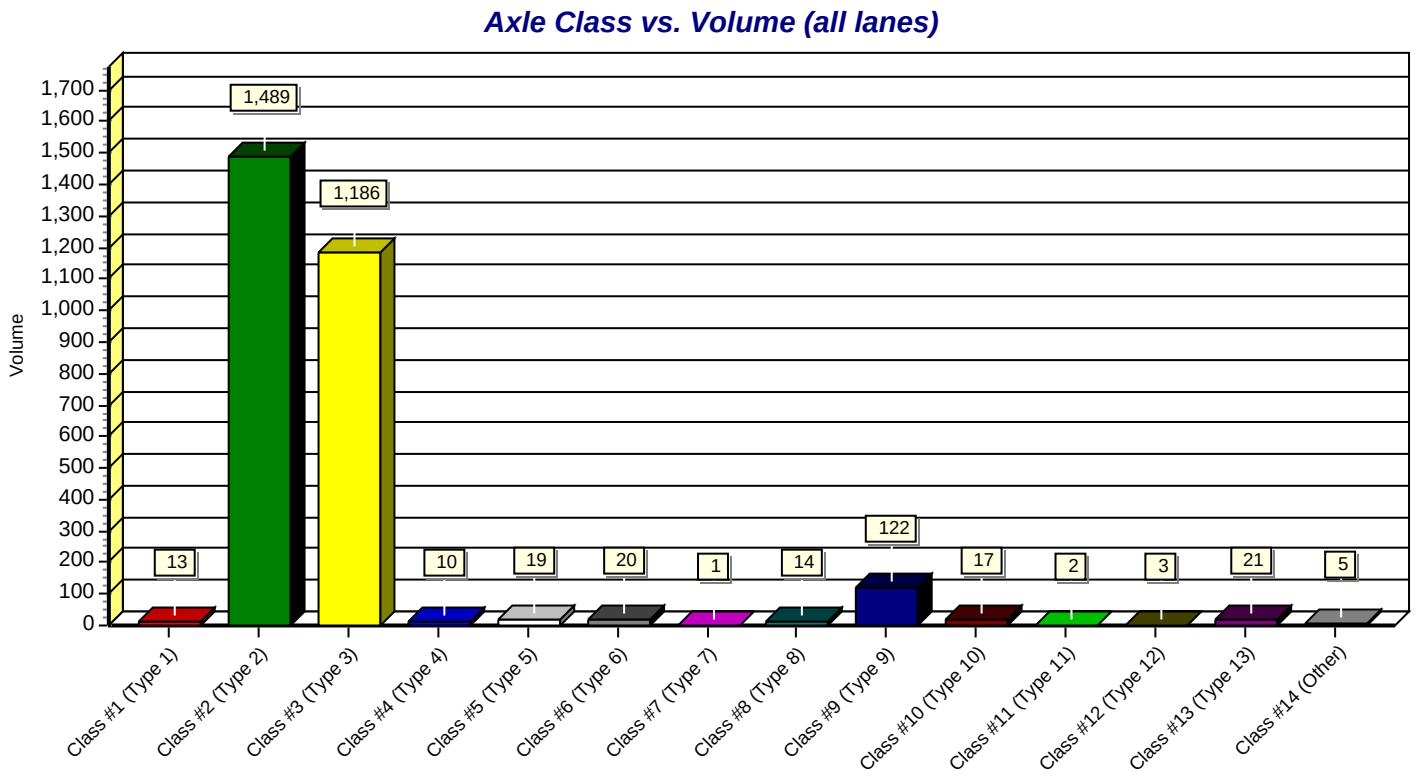
Axle Class Percentages:



Axle Class vs. Time (all lanes)



4P0061456 Axle Class Charts For Data From: 09:15 - 04/11/2011 To: 07:29 - 04/14/2011



Basic Speed Classification Report: 4P0061456

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB PASS LN	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Basic Speed Classification Data From: 09:15 - 04/11/2011 To: 07:29 - 04/14/2011

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	09:15	0	0	0	0	0	0	0	0	1	2	3	4	1	0	0	0	11
Mon	09:30	0	0	0	0	0	0	0	0	1	2	6	8	0	0	0	0	17
	09:45	0	0	0	0	0	0	0	0	0	1	9	3	2	2	0	0	17
	10:00	1	0	0	0	0	0	0	0	1	5	4	2	0	0	0	0	13
	10:15	0	0	0	0	0	0	0	0	0	1	9	5	2	0	0	0	17
	10:30	0	0	0	0	0	0	0	1	0	2	7	8	1	1	1	0	21
	10:45	0	0	0	0	0	0	0	0	0	0	6	2	4	4	0	0	16
	11:00	0	0	0	0	0	0	0	0	0	0	5	4	0	0	0	0	9
	11:15	0	0	0	0	0	0	0	0	0	1	7	6	2	2	0	0	18
	11:30	0	0	0	0	0	0	0	0	0	0	4	7	3	0	0	0	14
	11:45	0	0	0	0	0	0	0	0	1	2	11	4	1	1	0	0	20
	12:00	0	0	0	0	0	0	0	0	1	2	3	6	1	1	0	0	14
	12:15	0	0	0	0	0	0	0	0	0	0	8	5	2	1	0	0	16
	12:30	0	0	0	0	0	0	0	0	0	1	5	7	3	1	1	0	18
	12:45	0	0	0	0	0	0	0	0	0	1	5	4	1	1	0	0	12
	13:00	0	0	0	0	0	0	0	0	0	0	8	7	1	1	0	0	17
	13:15	0	0	0	0	0	0	0	0	1	2	7	3	1	1	0	0	15
	13:30	0	0	0	0	0	0	0	0	1	2	9	1	2	1	0	0	16
	13:45	0	0	0	0	0	0	0	0	0	2	10	3	3	0	0	0	18
	14:00	0	0	0	0	0	0	0	0	1	0	9	4	1	0	0	0	15
	14:15	0	0	0	0	0	0	0	0	0	4	2	2	1	1	0	0	10
	14:30	0	0	0	0	0	0	0	0	1	3	11	3	2	0	0	0	20
	14:45	0	0	0	0	0	0	0	0	0	2	7	2	3	0	0	0	14
	15:00	0	0	0	0	0	0	0	0	0	1	3	3	0	1	0	0	8
	15:15	0	0	0	0	0	0	0	1	0	1	7	4	0	0	1	0	14
	15:30	0	0	0	0	0	0	0	0	0	3	8	1	1	0	0	0	13
	15:45	0	0	0	0	0	0	0	0	0	4	3	0	1	0	0	0	8
	16:00	0	0	0	0	0	0	0	0	2	2	7	2	0	1	0	0	14
	16:15	0	0	0	0	0	0	0	0	1	2	13	6	1	1	0	0	24
	16:30	0	0	0	0	0	0	0	0	0	3	16	9	4	0	0	0	32
	16:45	0	0	0	0	0	0	0	0	0	2	4	9	0	1	0	0	16
	17:00	0	0	0	0	0	0	0	0	2	1	5	9	1	1	0	0	19
	17:15	0	0	0	0	0	0	2	1	3	1	5	5	3	1	0	0	21
	17:30	0	0	0	0	0	0	0	0	1	1	5	5	0	2	0	0	14
	17:45	0	0	0	0	0	0	0	0	0	0	9	1	4	0	1	0	15
	18:00	0	0	0	0	0	0	0	0	0	1	8	3	2	0	0	0	14
	18:15	0	0	0	0	0	0	0	0	0	1	9	2	1	0	0	0	13
	18:30	0	0	0	0	0	0	0	0	0	1	3	1	1	2	1	0	9
	18:45	0	0	0	0	0	0	0	0	0	1	5	5	1	1	0	0	13
	19:00	0	0	0	0	0	0	0	0	0	1	4	2	0	2	0	0	9

Date	Time	(SPEED) #1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/11/11	19:15	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	5
Mon	19:30	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	5
	19:45	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4
	20:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	4
	20:15	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	20:30	0	0	0	0	0	0	0	0	2	0	2	3	0	0	0	0	7
	20:45	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0	0	4
	21:00	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	21:15	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	21:30	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	4
	21:45	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	22:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	22:15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	22:45	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	23:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	23:45	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
Daily Total :		1	0	0	0	0	0	2	4	22	66	291	184	61	33	5	0	669
	Percent :	0%	0%	0%	0%	0%	0%	0%	1%	3%	10%	43%	28%	9%	5%	1%	0%	
	Average :	0	0	0	0	0	0	0	0	0	1	5	3	1	1	0	0	9

Speeds - Average: 69.8 50% : 69.0 67% : 72.0 85% : 74.9 10mph Pace: 65.0 - 74.9 (71.0%)

	(SPEED)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
04/12/11	00:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Tue	00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:30	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
	05:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	06:00	0	0	0	0	0	0	0	0	0	1	0	3	2	0	0	0	6
	06:15	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
	06:30	0	0	0	0	0	0	0	0	0	1	6	15	2	1	0	0	25
	06:45	0	0	0	0	0	0	0	0	0	0	2	9	5	0	0	0	16
	07:00	0	0	0	0	0	0	0	0	0	1	6	15	4	0	0	0	26
	07:15	0	0	0	0	0	0	0	0	0	1	17	17	2	0	0	0	37
	07:30	0	0	0	0	0	0	0	0	0	1	28	33	3	0	0	0	65
	07:45	0	0	0	0	0	0	0	0	0	1	16	27	9	0	0	0	53
	08:00	0	0	0	0	0	0	0	0	0	0	5	9	5	0	0	0	19
	08:15	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	0	15
	08:30	0	0	0	0	0	0	0	1	0	2	10	9	1	0	0	0	23
	08:45	0	0	0	0	0	0	0	0	0	0	5	4	1	0	0	0	10
	09:00	0	0	0	0	0	0	0	0	0	2	7	4	1	1	0	0	15
	09:15	0	0	0	0	0	0	0	0	2	0	7	7	0	2	0	0	18
	09:30	0	0	0	0	0	0	0	0	0	0	4	4	2	2	0	0	12
	09:45	0	0	0	0	0	0	0	0	1	2	7	7	0	0	0	0	17
	10:00	1	0	0	0	0	0	0	0	0	0	4	3	1	0	0	0	9
	10:15	0	0	0	0	0	0	0	0	1	2	7	1	3	0	0	0	14
	10:30	0	0	0	0	0	0	0	0	0	2	6	4	2	2	0	0	16
	10:45	0	0	0	0	0	0	0	0	0	2	11	4	3	2	0	0	22
	11:00	0	0	0	0	0	0	0	0	0	0	5	3	3	0	0	0	11
	11:15	0	0	0	0	0	0	0	0	0	1	3	5	2	1	0	0	12
	11:30	0	0	0	0	0	0	0	0	0	1	4	5	4	0	0	0	14
	11:45	0	0	0	0	0	0	0	0	0	0	8	3	1	1	0	0	13
	12:00	0	0	0	0	0	0	0	0	0	0	5	7	1	0	0	0	13
	12:15	0	0	0	0	0	0	0	0	0	0	4	1	0	2	1	0	8

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/12/11	12:30	0	0	0	0	0	0	0	0	0	1	8	2	1	0	0	0	12
Tue	12:45	0	0	0	0	0	0	0	0	0	4	3	3	0	3	0	0	13
	13:00	0	0	0	0	0	0	0	0	0	0	4	2	1	0	0	0	7
	13:15	0	0	0	0	0	0	0	0	1	0	6	7	1	3	0	0	18
	13:30	0	0	0	0	0	0	0	0	1	1	3	3	0	0	0	0	8
	13:45	0	0	0	0	0	0	0	0	0	0	7	4	1	0	0	0	12
	14:00	0	0	0	0	0	0	0	0	0	1	4	8	1	0	2	0	16
	14:15	0	0	0	0	0	0	0	0	0	1	6	3	0	1	1	0	12
	14:30	0	0	0	0	0	0	0	0	0	1	7	5	3	0	0	0	16
	14:45	0	0	0	0	0	0	0	0	0	1	5	10	0	1	0	0	17
	15:00	0	0	0	0	0	0	0	0	0	1	7	5	0	0	0	0	13
	15:15	0	0	0	0	0	0	0	0	3	4	18	7	1	0	0	0	33
	15:30	0	0	0	0	0	0	0	0	0	1	7	7	6	0	0	0	21
	15:45	0	0	0	0	0	0	0	0	0	2	8	9	2	1	0	0	22
	16:00	0	0	0	0	0	0	0	0	0	0	6	7	5	2	0	0	20
	16:15	0	0	0	0	0	0	0	0	0	0	5	5	2	1	0	0	13
	16:30	0	0	0	0	0	0	0	0	0	3	3	8	2	0	0	0	16
	16:45	0	0	0	0	0	0	0	0	0	1	5	4	1	1	0	0	12
	17:00	0	0	0	0	0	0	0	0	0	1	9	8	3	2	0	0	23
	17:15	0	0	0	0	0	0	0	0	2	1	11	6	3	1	0	0	24
	17:30	0	0	0	0	0	0	0	0	1	0	7	7	4	1	0	0	20
	17:45	0	0	0	0	0	0	0	0	0	4	6	2	1	1	0	0	14
	18:00	0	0	0	0	0	0	0	0	0	1	5	3	0	0	0	0	9
	18:15	0	0	0	0	0	0	0	0	0	1	4	8	2	1	0	0	16
	18:30	0	0	0	0	0	0	0	0	0	1	1	5	0	0	0	0	7
	18:45	0	0	0	0	0	0	0	0	1	0	5	2	1	0	1	0	10
	19:00	0	0	0	0	0	0	0	0	0	1	4	3	3	0	0	0	11
	19:15	0	0	0	0	0	0	0	0	0	0	2	3	0	1	0	0	6
	19:30	0	0	0	0	0	0	0	1	0	1	3	2	0	1	0	0	8
	19:45	0	0	0	0	0	0	0	3	4	8	4	0	0	0	0	0	19
	20:00	0	0	0	0	0	0	0	1	12	8	7	1	0	0	0	0	29
	20:15	0	0	0	0	0	0	0	0	1	4	7	0	1	0	0	0	13
	20:30	0	0	0	0	0	0	0	0	0	1	3	3	2	0	0	0	9
	20:45	1	0	0	0	0	0	0	0	1	0	3	1	1	2	0	0	9
	21:00	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	0	5
	21:15	1	0	0	0	0	0	0	0	1	3	4	0	0	0	0	0	9
	21:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	21:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	22:00	0	0	0	0	0	0	0	0	0	1	2	1	0	1	0	0	5
	22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:30	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
	22:45	0	0	0	0	0	0	0	0	0	2	0	2	1	0	0	0	5
	23:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	23:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	0	0	0	0	0	0	6	33	84	394	377	109	38	5	0	1049
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	3%	8%	38%	36%	10%	4%	0%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	4	4	1	0	0	0	11

Speeds - Average: 70.1 50% : 70.2 67% : 72.5 85% : 74.9 10mph Pace: 65.0 - 74.9 (73.5%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wed	00:15	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	00:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:45	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	05:30	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3
	05:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	06:00	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	6
	06:15	0	0	0	0	0	0	0	0	0	0	7	7	1	0	0	0	15
	06:30	0	0	0	0	0	0	0	0	0	0	9	12	1	0	0	0	22
	06:45	0	0	0	0	0	0	0	0	0	0	6	16	0	1	0	0	23
	07:00	0	0	0	0	0	0	0	0	0	0	6	15	5	0	0	0	26
	07:15	1	0	0	0	0	0	0	0	0	1	14	14	2	0	0	0	32
	07:30	0	0	0	0	0	0	0	0	0	0	17	30	4	1	0	0	52
	07:45	0	0	0	0	0	0	0	0	0	0	11	27	5	2	0	0	45
	08:00	0	0	0	0	0	0	0	0	0	0	9	8	3	1	0	0	21
	08:15	0	0	0	0	0	0	0	0	0	0	3	6	2	0	0	0	11
	08:30	0	0	0	0	0	0	0	0	0	0	1	10	1	0	1	0	13
	08:45	0	0	0	0	0	0	0	0	0	1	5	7	2	1	0	0	16
	09:00	0	0	0	0	0	0	0	0	0	0	8	3	4	1	0	0	16
	09:15	0	0	0	0	0	0	0	0	0	0	13	7	1	1	0	0	22
	09:30	0	0	0	0	0	0	0	0	0	1	12	3	0	0	0	0	16
	09:45	0	0	0	0	0	0	0	0	1	1	6	6	4	0	0	0	18
	10:00	0	0	0	0	0	0	0	0	1	0	3	2	3	1	1	0	11
	10:15	0	0	0	0	0	0	0	0	0	1	5	10	2	0	0	0	18
	10:30	0	0	0	0	0	0	0	0	0	1	5	4	0	0	0	0	10
	10:45	0	0	0	0	0	0	0	0	0	0	4	8	7	0	0	0	19
	11:00	0	0	0	0	0	0	0	0	0	0	6	5	4	0	0	0	15
	11:15	0	0	0	0	0	0	0	0	1	0	4	5	3	1	1	0	15
	11:30	0	0	0	0	0	0	0	0	0	0	9	3	2	2	0	0	16
	11:45	0	0	0	0	0	0	0	0	0	2	4	5	1	1	2	0	15
	12:00	0	0	0	0	0	0	0	1	1	1	4	5	7	0	2	0	21
	12:15	0	0	0	0	0	0	0	0	0	0	8	9	2	1	0	0	20

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/13/11	12:30	0	0	0	0	0	0	0	0	0	0	3	3	1	2	0	0	9
Wed	12:45	0	0	0	0	0	0	0	0	0	1	7	6	1	0	0	0	15
	13:00	0	0	0	0	0	0	0	0	0	0	4	6	2	2	0	0	14
	13:15	0	0	0	0	0	0	0	0	0	2	7	4	5	0	0	0	18
	13:30	0	0	0	0	0	0	0	0	0	2	6	2	0	0	0	0	10
	13:45	0	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	8
	14:00	0	0	0	0	0	0	0	0	0	1	7	3	2	0	0	0	13
	14:15	0	0	0	0	0	0	0	0	0	1	9	2	1	1	0	0	14
	14:30	0	0	0	0	0	0	0	0	1	1	4	5	3	0	0	0	14
	14:45	0	0	0	0	0	0	0	0	0	1	5	3	3	2	0	0	14
	15:00	0	0	0	0	0	0	0	0	1	2	5	4	5	1	0	0	18
	15:15	0	0	0	0	0	0	0	0	1	2	7	11	1	2	0	0	24
	15:30	0	0	0	0	0	0	0	0	1	3	16	2	3	0	0	0	25
	15:45	0	0	0	0	0	0	0	0	0	3	10	12	0	0	0	0	25
	16:00	0	0	0	0	0	0	0	0	1	4	11	7	0	0	0	0	23
	16:15	0	0	0	0	0	0	0	0	1	0	9	7	2	5	0	0	24
	16:30	0	0	0	0	0	0	0	0	1	2	4	10	3	2	0	0	22
	16:45	0	0	0	0	0	0	0	1	1	7	11	5	1	0	0	0	26
	17:00	0	0	0	0	0	0	1	0	9	7	29	4	0	1	0	0	51
	17:15	0	0	0	0	0	0	0	0	1	1	14	7	3	1	0	0	27
	17:30	0	0	0	0	0	0	0	0	0	3	9	5	3	2	0	0	22
	17:45	1	0	0	0	0	0	0	0	0	3	10	1	0	0	0	0	15
	18:00	0	0	0	0	0	0	0	0	0	4	9	0	0	0	0	0	13
	18:15	0	0	0	0	0	0	0	1	3	7	11	2	0	0	0	0	24
	18:30	0	0	0	0	0	0	0	0	0	1	8	2	2	0	0	0	13
	18:45	0	0	0	0	0	0	0	0	1	2	4	3	0	1	0	0	11
	19:00	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3
	19:15	0	0	0	0	0	0	0	0	0	2	7	0	2	0	0	0	11
	19:30	0	0	0	0	0	0	1	1	0	1	2	1	0	0	0	0	6
	19:45	1	0	0	0	0	0	0	1	4	6	2	0	1	0	0	0	15
	20:00	0	0	0	0	0	0	0	1	0	4	2	0	1	0	0	0	8
	20:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	20:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	20:45	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
	21:00	0	0	0	0	0	0	0	0	0	2	4	2	0	0	0	0	8
	21:15	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
	21:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	21:45	0	0	0	0	0	0	0	0	1	1	4	0	1	0	0	0	7
	22:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	22:15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
	22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23:45	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	4

(SPEED)		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	
Date	Time	0.0 - 19.9	20.0 - 24.9	25.0 - 30.0	30.0 - 34.9	35.0 - 40.0	40.0 - 44.9	45.0 - 50.0	50.0 - 54.9	55.0 - 60.0	60.0 - 64.9	65.0 - 70.0	70.0 - 74.9	75.0 - 79.9	80.0 - 84.9	85.0 - 150.1	Other	Total
Daily Total :		3	0	0	0	0	0	3	9	33	93	440	362	116	37	7	0	1103
Percent :		0%	0%	0%	0%	0%	0%	0%	1%	3%	8%	40%	33%	11%	3%	1%	0%	
Average :		0	0	0	0	0	0	0	0	0	1	5	4	1	0	0	0	10

Speeds - Average: 69.9 50% : 69.7 67% : 72.3 85% : 74.9 10mph Pace: 65.0 - 74.9 (72.7%)

Date	(SPEED) Time	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
04/14/11	00:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Thu	00:15	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	3
	00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	01:15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	04:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	04:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	05:30	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4
	05:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	06:00	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	06:15	0	0	0	0	0	0	0	0	0	2	4	12	2	0	0	0	20
	06:30	0	0	0	0	0	0	0	0	0	0	6	9	3	0	0	0	18
	06:45	0	0	0	0	0	0	0	0	0	0	9	12	2	1	0	0	24
	07:00	0	0	0	0	0	0	0	0	1	0	5	10	3	0	0	0	19
Daily Total :		0	0	0	0	0	0	0	0	4	3	32	50	11	1	0	0	101
	Percent :	0%	0%	0%	0%	0%	0%	0%	0%	4%	3%	32%	50%	11%	1%	0%	0%	
	Average :	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	11

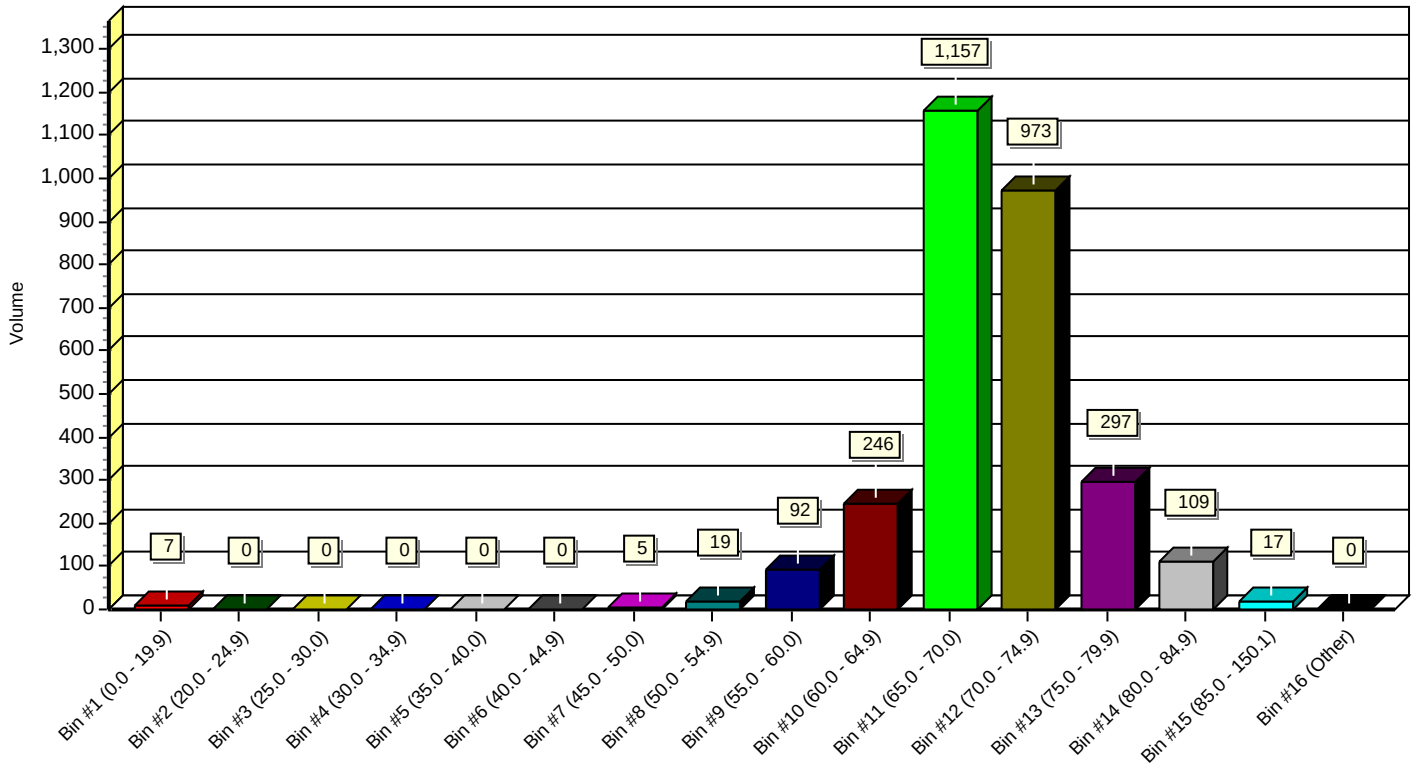
Speeds - Average: 70.6 50% : 71.7 67% : 72.8 85% : 73.9 10mph Pace: 66.5 - 76.4 (81.2%)

Basic Speed Class Summary: 4P0061456

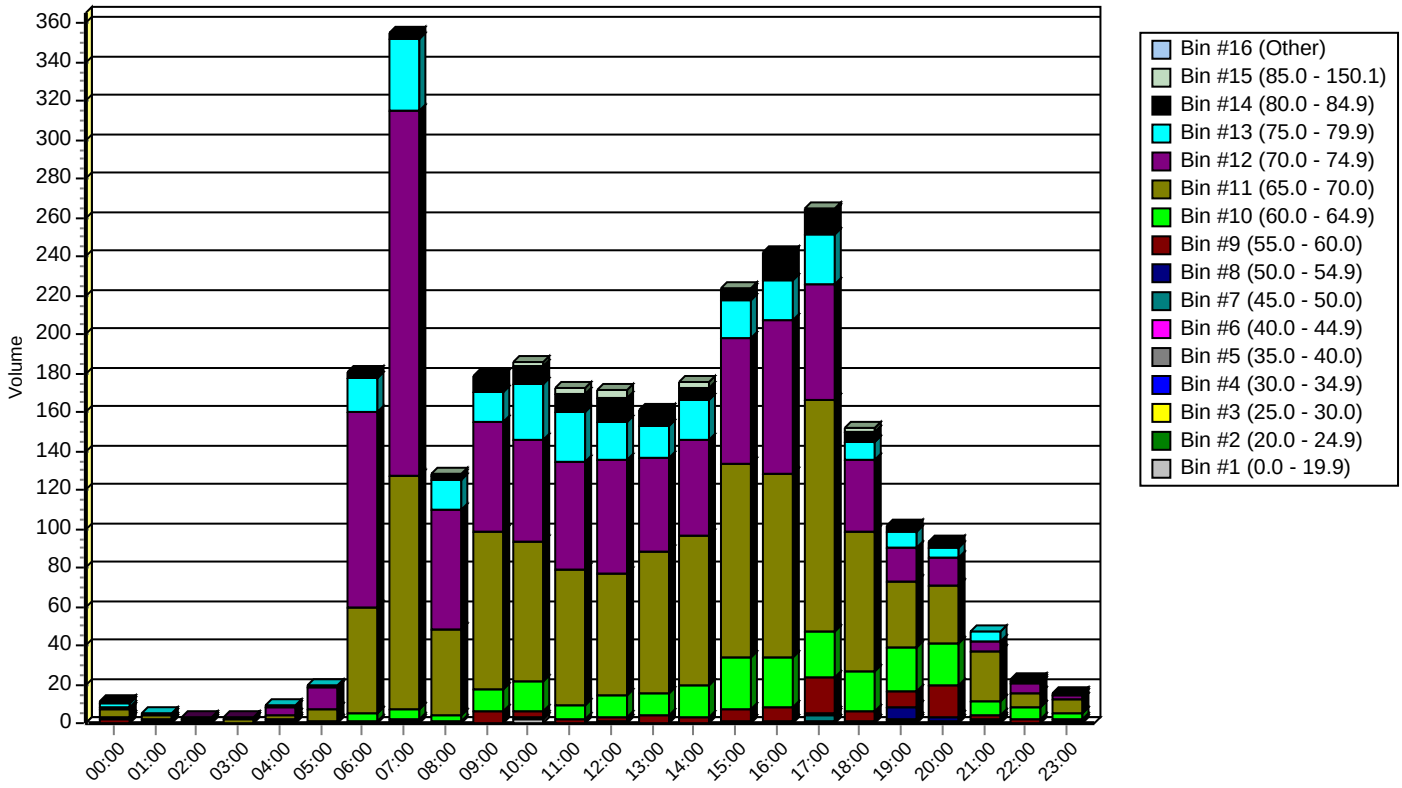
(SPEED) Description	Lane	#1 0.0 - 19.9	#2 20.0 - 24.9	#3 25.0 - 30.0	#4 30.0 - 34.9	#5 35.0 - 40.0	#6 40.0 - 44.9	#7 45.0 - 50.0	#8 50.0 - 54.9	#9 55.0 - 60.0	#10 60.0 - 64.9	#11 65.0 - 70.0	#12 70.0 - 74.9	#13 75.0 - 79.9	#14 80.0 - 84.9	#15 85.0 - 150.1	#16 Other	Total
TOTAL COUNT :	#1.	7	0	0	0	0	0	5	19	92	246	1157	973	297	109	17	0	2922
		7	0	0	0	0	0	5	19	92	246	1157	973	297	109	17	0	2922
Percents :	#1.	0%	0%	0%	0%	0%	0%	0%	1%	3%	8%	40%	33%	10%	4%	1%	0%	100%
		0%	0%	0%	0%	0%	0%	0%	1%	3%	8%	40%	33%	10%	4%	1%	0%	
Average :	#1.	0	0	0	0	0	0	0	0	0	1	4	3	1	0	0	0	9
		0	0	0	0	0	0	0	0	0	1	4	3	1	0	0	0	9
Days & ADT :	#1.	2.9	1001															
		2.9	1001															
Avg,50,67,85%:	#1.	70.0	69.8	72.3	74.9	65.0	- 74.9	73%										
		70.0	69.8	72.3	74.9	65.0	- 74.9	73%										

4P0061456 Speed Class Charts For Data From: 09:15 - 04/11/2011 To: 07:29 - 04/14/2011

Speed Class vs. Volume (all lanes)



Speed Class vs. Time (all lanes)



Appendix 10

Traffic and Operational Analysis Data

Model Validation Process

Table 1 Data Considered in Model Validation Process

	Segment	2010	2010	2009	2011	2010	2011
		Model Volumes	**Traffic Count Program (TCP)**	**Traffic by Section (TBS)**	**Field Count Volumes** (April; Seasonally Adjusted for Weekday)	**Automatic Traffic Recorder (ATR)** (Entire Week)	**Automatic Traffic Recorder (ATR)** (April; Seasonally Adjusted for Weekday)
1	**Laurel to Mossmain**	23,600	21,400	23,200	21,000	NA	NA
2	**Mossmain to Shiloh**	24,400	24,10	24,500	22,000	24,100	NA
3	**Shiloh to West Billings**	24,600	23,400	21,300	23,100	NA	NA
4	**West Billings to South Billings Boulevard**	27,500	27,000	27,900	NA	NA	NA
5	**South Billings Boulevard to South 27th Street**	25,600	26,300	26,200	30,500	26,300	27,800
6	**South 27th Street to Lockwood**	27,200	24,500	23,700	24,800	NA	NA
7	**Lockwood to Johnson Lane**	23,600	21,800	22,600	21,400	NA	NA
8	**Johnson Lane to Pinehills**	17,300	13,500	14,400	14,700	NA	NA

Source: MDT, 2011. Note: Volumes are rounded to the nearest 100 vehicles.

Operational Analysis

Table 2 Mainline Interstate Links

	Analysis Location	A		B		C		D		E		F		G		H		I	
		Growth Rate		2010 AADT		2035 AADT		2010 Peak Hour Volumes		2035 Peak Hour Volumes		Peak Hour Factor		Percent Trucks And Buses		Free Flow Speed		Driver Population Factor	
		EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
	Laurel Under	2.32%	2.44%	4,591	4,447	8,149	8,131	393	470	698	859	0.865	0.920	25%	24%	73.9	75.0	1.00	1.00
1	Laurel to Mossmain	1.18%	1.18%	11,815	11,815	15,845	15,845	1,174	1,341	1,575	1,798	0.809	0.955	14%	20%	76.3	75.0	1.00	1.00
	Mossmain Under	1.00%	1.07%	11,297	9,035	14,488	11,787	1,185	993	1,520	1,295	0.732	0.916	14%	13%	75.0	75.0	1.00	1.00
2	Mossmain to Shiloh	1.17%	1.17%	11,579	12,797	15,503	17,135	1,370	1,478	1,834	1,979	0.804	0.857	15%	13%	74.4	75.0	1.00	1.00
	Shiloh Under	1.00%	1.00%	9,722	9,862	12,468	12,648	1,138	1,102	1,460	1,413	0.821	0.831	17%	14%	75.0	72.8	1.00	1.00
3	Shiloh to West Billings	1.99%	1.99%	12,385	12,188	20,283	19,961	1,510	1,450	2,472	2,375	0.851	0.894	13%	12%	74.8	70.8	1.00	1.00
	West Billings Over	3.21%	1.31%	3,995	6,318	8,803	12,514	379	952	834	1,319	0.819	0.928	22%	18%	75.0	73.7	0.95	0.95
	West Billings Over Part 2 (EB only)	3.23%	NA	4,105	NA	9,082	NA	389	NA	861	NA	0.819	NA	22%	NA	70.0	NA	0.95	NA
4	West Billings to South Billings Boulevard	2.19%	2.19%	12,887	14,566	22,154	25,042	1,289	1,457	2,215	2,504	0.900	0.900	15%	17%	70.0	70.0	0.95	0.95
	South Billings Boulevard Under	1.77%	2.33%	10,073	10,976	15,633	19,525	1,045	1,117	1,621	1,988	0.958	0.926	15%	14%	73.8	72.6	0.95	0.95
5	South Billings Boulevard to South 27th Street	2.33%	2.33%	13,230	12,403	23,509	22,040	1,270	1,158	2,257	2,059	0.936	0.885	13%	12%	65.5	71.2	1.00	1.00
	South 27th Street Under	2.31%	1.90%	10,662	8,959	18,867	14,348	1,111	906	1,966	1,451	0.927	0.849	15%	15%	72.3	73.2	1.00	1.00
6	South 27th Street to Lockwood	2.18%	1.76%	15,034	12,207	25,752	18,879	1,736	1,370	2,974	2,118	0.908	0.871	14%	18%	72.9	73.4	1.00	1.00
	Lockwood Under	1.83%	2.01%	9,536	8,633	14,993	14,197	1,328	1,290	2,089	1,692	0.948	0.877	19%	18%	72.4	73.0	1.00	1.00
7	Lockwood to Johnson Lane	2.07%	2.07%	11,611	11,941	19,384	19,935	1,270	1,442	2,121	2,408	0.948	0.877	15%	15%	72.2	73.6	1.00	1.00
	Johnson Lane Under	1.90%	1.71%	9,071	6,081	14,514	9,286	1,056	631	1,689	964	0.919	0.838	16%	14%	72.3	69.9	1.00	1.00
8	Johnson Lane to Pinehills	2.01%	1.67%	10,128	7,152	16,642	10,830	1,120	697	1,841	1,055	0.943	0.816	19%	19%	72.4	72.2	1.00	1.00

Source: MDT, 2011; DOWL HKM, 2011.
Column Notes:
A: Provided by MDT TransCAD Model. Model growth rates from 0.0 to 0.99 percent were rounded up to 1.0 percent for the purposes of this study.
B: Provided by MDT TransCAD Model.
C: Based upon growth rates provided by MDT and applied to 2010 volumes provided by MDT
D: Peak hour percent of AADT was determined from the Traffic Volume Field Data taken in April 2011 and applied to 2010 AADT volume provided by MDT.
E: Based upon growth rates provided by MDT and applied to 2010 peak hour volumes.
F: Calculated from Traffic Volume Field Data taken in April 2011.
G: Calculated from Traffic Volume Field Data taken in April 2011.
H: Calculated from Traffic Volume Field Data taken in April 2011. HCS range for freeway free-flow speed is 55.0 – 75.0 mph. 75 mph was used in instances where the field data speed exceeded 75 mph.
I: Provided by MDT.

Note: The terms “Under” and “Over” are used to describe the portion of the mainline Interstate above or below the interchange between on-ramps and off-ramps.

Table 3 Interchange Ramps

Interchange	Ramp Gore	A		B		C		D		E		F		G		H		I	
		Growth Rate		2010 AADT		2035 AADT		2010 Peak Hour Volumes		2035 Peak Hour Volumes		Peak Hour Factor		Percent Trucks And Buses		Free Flow Speed		Driver Population Factor	
		EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
Laurel	On Ramp	1.00%	1.00%	7,224	1,062	9,264	1,362	790	79	1,013	101	0.725	0.925	1%	9%	68.9	70.0	1.00	1.00
	Off Ramp	1.60%	1.00%	1,585	7,368	2,356	9,449	174	850	259	1,090	0.750	0.921	1%	18%	68.9	70.0	1.00	1.00
Mossmain	On Ramp	5.54%	1.52%	281	2,780	1,082	4,057	41	215	157	313	0.671	0.658	5%	5%	70.0	70.0	1.00	1.00
	Off Ramp	4.13%	1.42%	517	3,762	1,424	5,347	40	512	109	728	0.579	0.756	5%	5%	70.0	70.0	1.00	1.00
Shiloh	On Ramp	4.88%	2.13%	2,663	2,935	8,765	4,975	352	186	1,158	315	0.723	0.536	6%	9%	70.0	67.8	1.00	1.00
	Off Ramp	3.10%	4.96%	1,857	2,326	3,985	7,801	224	284	482	954	0.747	0.821	4%	6%	70.0	67.8	1.00	1.00
West Billings	On Ramp	3.80%	3.50%	110	5,870	280	7,447	18	430	45	1,016	0.800	0.854	5%	3%	70.0	68.7	0.95	1.00
	Off Ramp	1.26%	1.69%	8,390	8,248	11,480	12,527	1,349	1,155	1,846	1,754	0.823	0.850	3%	3%	70.0	68.7	0.95	1.00
	On Ramp at Mullowney	1.60%	NA	8,781	NA	13,072	NA	1,405	NA	2,092	NA	8.000	0.800	5%	5%	65.0	67.6	0.95	0.95
South Billings Boulevard	On Ramp	7.79%	1.73%	3,157	3,590	7,876	5,517	146	359	953	552	0.829	0.768	5%	6%	68.8	67.6	1.00	0.95
	Off Ramp	3.42%	2.29%	2,814	1,427	6,521	2,515	338	144	783	254	0.850	0.872	5%	4%	68.8	68.2	1.00	1.00
South 27th Street	On Ramp	1.38%	3.27%	5,417	3,445	7,626	7,692	323	148	455	331	0.699	0.675	10%	18%	67.3	68.2	1.00	1.00
	Off Ramp	2.40%	1.34%	2,568	3,249	4,642	4,531	118	265	214	370	0.771	0.634	8%	18%	67.3	68.0	1.00	1.00
Lockwood	On Ramp	3.04%	1.09%	2,076	3,574	4,391	4,681	161	280	342	367	0.950	0.879	10%	9%	67.4	68.0	1.00	1.00
	Off Ramp	2.72%	2.23%	5,498	3,308	10,759	5,738	465	433	909	750	0.789	0.874	10%	16%	67.4	64.9	1.00	1.00
Johnson Lane	On Ramp	1.96%	2.42%	1,420	5,860	2,309	10,649	135	809	220	1,471	0.933	0.695	28%	25%	67.3	64.9	1.00	1.00
	Off Ramp	2.64%	1.47%	2,540	1,071	4,871	1,544	280	76	538	110	0.957	0.925	13%	9%	67.3	70.0	1.00	1.00

Source: MDT, 2011; DOWL HKM, 2011.
Column Notes:
A: Provided by MDT TransCAD Model. Model growth rates from 0.0 to 0.99 percent were rounded up to 1.0 percent for the purposes of this study.
B: Provided by MDT TransCAD Model.
C: Based upon growth rates provided by MDT and applied to 2010 volumes provided by MDT.
D: Peak hour percent of AADT was determined from the Traffic Volume Field Data taken in April 2011 and applied to 2010 AADT volume provided by MDT.
E: Based upon growth rates provided by MDT and applied to 2010 peak hour volumes.
F: Calculated from Traffic Volume Field Data taken in April 2011.
G: Calculated from Traffic Volume Field Data taken in April 2011.
H: Assumed to be 5mph below the adjacent mainline interstate calculated Traffic Volume Field Data taken in April 2011. HCS range for ramp free-flow speed is 55.0 – 70.0 mph. 70 mph was used in instances where the field data speed exceeded 70 mph.
I: Provided by MDT.

Table 4 Intersection L1 (4th Street South / WB I-90 Ramps / US 212) at Laurel Interchange

PM Peak Hour 15-Minute Interval	From North (Southbound)				From East (Westbound)				From South (Northbound)				From West (Eastbound)				Intersection Count Without Pedestrians
	US 212				I90 WB Ramps				US 212				S. 4th Street				
	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	
5:00 - 5:15	9	133	13	0	61	9	94	0	0	61	5	0	6	0	9	0	**400**
5:15 - 5:30	16	95	8	0	69	10	95	0	1	52	1	0	13	0	5	0	**365**
5:30 - 5:45	15	129	18	0	64	19	89	0	3	70	6	0	11	0	9	0	**433**
5:45 - 6:00	9	109	19	1	65	15	102	0	1	40	2	0	9	0	5	0	**376**
Peak Hour Vol	**49**	**466**	**58**	**1**	**259**	**53**	**380**	**0**	**5**	**223**	**14**	**0**	**39**	**0**	**28**	**0**	**1574**
Adjustments	1.0400	1.1200	0.9700	1.0000	1.1200	0.9700	1.0100	1.0000	0.9700	1.0100	1.0400	1.0000	1.0100	1.0400	1.1200	1.0000	**NA**
Peak Hour (Adj)	51	522	56	1	290	51	384	0	5	225	15	0	39	0	31	0	**1669**
Growth Factor	1.2041	1.2041	1.2041	1.2041	1.0470	1.0470	1.0470	1.0470	1.2041	1.2041	1.2041	1.2041	1.0388	1.0388	1.0388	1.0388	**1.0000**
2035 Design Year	**61**	**629**	**67**	**1**	**304**	**53**	**402**	**0**	**6**	**271**	**18**	**0**	**41**	**0**	**32**	**0**	**1884**

Source: MDT, 2011; DOWL HKM, 2011.
Note: Heavy vehicles were assumed to be two percent of the total volume for each movement. PHF = 90.9%

Table 5 Intersection L2 (I-90 EB Ramps / US 212) at Laurel Interchange

PM Peak Hour 15-Minute Interval	From North (Southbound)				From East (Westbound)				From South (Northbound)				From West (Eastbound)				Intersection Count Without Pedestrians
	US 212				I90 EB Ramps				US 212				NA				
	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	
5:00 - 5:15	67	132	0	0	2	0	10	0	0	59	40	0	0	0	0	0	**310**
5:15 - 5:30	50	128	0	0	4	1	8	0	0	36	47	0	0	0	0	0	**274**
5:30 - 5:45	99	151	0	0	1	0	11	1	0	45	47	0	0	0	0	0	**354**
5:45 - 6:00	41	143	0	0	1	0	8	0	0	30	19	0	0	0	0	0	**242**
Peak Hour Vol	**257**	**554**	**0**	**0**	**8**	**1**	**37**	**1**	**0**	**170**	**153**	**0**	**0**	**0**	**0**	**0**	**1180**
Adjustments	1.0400	1.1200	1.1200	1.0000	1.1200	1.1200	1.1200	1.0000	1.1200	1.1200	1.0400	1.0000	1.0000	1.0000	1.0000	1.0000	**NA**
Peak Hour (Adj)	267	620	0	0	9	1	41	1	0	190	159	0	0	0	0	0	**1287**
Growth Factor	1.1625	1.1625	1.1625	1.1625	1.4864	1.4864	1.4864	1.4864	1.2197	1.2197	1.2197	1.2197	1.0000	1.0000	1.0000	1.0000	**1.0000**
2035 Design Year	**310**	**721**	**0**	**0**	**13**	**1**	**61**	**1**	**0**	**232**	**194**	**0**	**0**	**0**	**0**	**0**	**1532**

Source: MDT, 2011; DOWL HKM, 2011.
Note: Heavy vehicles were assumed to be two percent of the total volume for each movement. PHF = 83.3%

Table 6 Intersection M1 (E. Main Street / S. 72nd Street West / Interchange Crossroad) at Mossmain Interchange

PM Peak Hour 15-Minute Interval	From North (Southbound)				From East (Westbound)				From South (Northbound)				From West (Eastbound)				Intersection Count Without Pedestrians
	NA				S. 72nd Street West				Interchange Crossroad				E. Main St				
	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	
4:45 - 5:00	0	0	0	0	15	7	0	0	105	0	9	0	0	7	32	0	**175**
5:00 - 5:15	0	0	0	0	18	5	0	0	108	0	21	0	0	12	36	0	**200**
5:15 - 5:30	0	0	0	0	5	11	0	0	146	0	5	0	0	6	35	0	**208**
5:30 - 5:45	0	0	0	0	13	11	0	0	143	0	8	0	0	5	35	0	**215**
Peak Hour Vol	**0**	**0**	**0**	**0**	**51**	**34**	**0**	**0**	**502**	**0**	**43**	**0**	**0**	**30**	**138**	**0**	**798**
Adjustments	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	**NA**
Peak Hour (Adj)	0	0	0	0	53	35	0	0	522	0	45	0	0	31	144	0	**830**
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.4585	1.4585	1.4585	1.4585	1.5010	1.5010	1.5010	1.5010	2.1202	2.1202	2.1202	2.1202	**1.0000**
2035 Design Year	**0**	**0**	**0**	**0**	**77**	**51**	**0**	**0**	**784**	**0**	**68**	**0**	**0**	**66**	**305**	**0**	**1351**

Source: MDT, 2011; DOWL HKM, 2011.
Note: Heavy vehicles were assumed to be two percent of the total volume for each movement. PHF = 92.8%

Table 7 Intersection M2 (I-90 WB Ramps / Interchange Crossroad) at Mossmain Interchange

PM Peak Hour 15-Minute Interval	From North (Southbound)				From East (Westbound)				From South (Northbound)				From West (Eastbound)				Intersection Count Without Pedestrians
	Interchange Crossroad				I-90 WB Off-Ramp				Interchange Crossroad				I-90 WB On-Ramp				
	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	
4:45 - 5:00	0	31	10	0	4	0	62	0	30	47	0	0	0	0	0	0	**184**
5:00 - 5:15	0	48	10	0	5	1	64	0	32	60	0	0	0	0	0	0	**220**
5:15 - 5:30	0	33	4	0	8	1	73	0	52	86	0	0	0	0	0	0	**257**
5:30 - 5:45	0	48	3	0	12	1	84	0	47	62	0	0	0	0	0	0	**257**
Peak Hour Vol	**0**	**160**	**27**	**0**	**29**	**3**	**283**	**0**	**161**	**255**	**0**	**0**	**0**	**0**	**0**	**0**	**918**
Adjustments	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	**NA**
Peak Hour (Adj)	0	166	28	0	30	3	294	0	167	265	0	0	0	0	0	0	**953**
Growth Factor	1.5010	1.5010	1.5010	1.5010	1.5264	1.5264	1.5264	1.5264	1.6113	1.6113	1.6113	1.6113	1.0000	1.0000	1.0000	1.0000	**1.0000**
2035 Design Year	**0**	**249**	**42**	**0**	**46**	**5**	**449**	**0**	**269**	**427**	**0**	**0**	**0**	**0**	**0**	**0**	**1487**

Source: MDT, 2011; DOWL HKM, 2011.
Note: Heavy vehicles were assumed to be two percent of the total volume for each movement. PHF = 89.3%

Table 8 Intersection M3 (I-90 EB Ramps / Interchange Crossroad) at Mossmain Interchange

PM Peak Hour 15-Minute Interval	From North (Southbound)				From East (Westbound)				From South (Northbound)				From West (Eastbound)				Intersection Count Without Pedestrians
	Interchange Crossroad				I-90 EB On-Ramp				Interchange Crossroad				I-90 EB Off-Ramp				
	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	
4:45 - 5:00	14	18	0	0	0	0	0	0	0	79	2	0	1	0	9	0	**123**
5:00 - 5:15	22	23	0	0	0	0	0	0	0	86	7	0	11	0	21	0	**170**
5:15 - 5:30	16	20	0	0	0	0	0	0	0	128	4	0	4	1	14	0	**187**
5:30 - 5:45	14	24	0	0	0	0	0	0	0	85	8	0	4	2	32	0	**169**
Peak Hour Vol	**66**	**85**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**378**	**21**	**0**	**20**	**3**	**76**	**0**	**649**
Adjustments	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	**NA**
Peak Hour (Adj)	69	88	0	0	0	0	0	0	0	393	22	0	21	3	79	0	**675**
Growth Factor	1.6113	1.6113	1.6113	1.6113	1.0000	1.0000	1.0000	1.0000	1.6113	1.6113	1.6113	1.6113	2.8337	2.8337	2.8337	2.8337	**1.0000**
2035 Design Year	**111**	**142**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**633**	**35**	**0**	**60**	**9**	**224**	**0**	**1214**

Source: MDT, 2011; DOWL HKM, 2011.
Note: Heavy vehicles were assumed to be two percent of the total volume for each movement. PHF = 86.8%

Table 9 Intersection M4 (Magelssen Road / South Frontage Rd / Interchange Crossroad) at Mossmain Interchange

PM Peak Hour 15-Minute Interval	From North (Southbound)				From East (Westbound)				From South (Northbound)				From West (Eastbound)				Intersection Count Without Pedestrians
	Interchange Crossroad				S. Frontage Rd.				Driveway				Magelssen Rd.				
	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	Left	Through	Right	Ped	
4:45 - 5:00	33	6	0	0	1	0	70	0	0	8	0	0	0	0	0	0	**118**
5:00 - 5:15	29	11	0	0	0	0	78	0	0	9	0	0	0	0	0	0	**127**
5:15 - 5:30	23	11	0	0	0	0	127	0	0	5	0	0	0	0	0	0	**166**
5:30 - 5:45	46	20	0	0	0	0	98	0	0	6	1	0	0	0	0	0	**171**
Peak Hour Vol	**131**	**48**	**0**	**0**	**1**	**0**	**373**	**0**	**0**	**28**	**1**	**0**	**0**	**0**	**0**	**0**	**582**
Adjustments	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	**NA**
Peak Hour (Adj)	136	50	0	0	1	0	388	0	0	29	1	0	0	0	0	0	**605**
Growth Factor	1.9740	1.9740	1.9740	1.9740	1.8751	1.8751	1.8751	1.8751	1.6113	1.6113	1.6113	1.6113	1.0000	1.0000	1.0000	1.0000	**1.0000**
2035 Design Year	**268**	**99**	**0**	**0**	**2**	**0**	**728**	**0**	**0**	**47**	**2**	**0**	**0**	**0**	**0**	**0**	**1146**

Source: MDT, 2011; DOWL HKM, 2011.
Note: Heavy vehicles were assumed to be two percent of the total volume for each movement. PHF = 85.1%

Appendix 11

Operational LOS Analysis Sheets

Appendix 11

Operational LOS
Analysis Sheets

1. Eastbound Mainline 2010

BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*C) Laurel Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*393*	veh/h	Peak-Hour Factor, PHF	*0.87*
AADT		veh/day	%Trucks and Buses, P_T	*25*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.889*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*73.9*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*73.9*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*254*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*3.4*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*1) Laurel to Mossmain*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1174*	veh/h	Peak-Hour Factor, PHF	*0.81*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*75.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*75.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*775*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*10.3*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*1C) Mossmain Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1185*	veh/h	Peak-Hour Factor, PHF	*0.73*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*75.0*	mph	FFS	*75.0*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*868*	pc/h/ln	Design LOS	
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*11.6*	pc/mi/ln	S	mph
LOS	*B*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*2) Mossmain to Shiloh*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1370*	veh/h	Peak-Hour Factor, PHF	*0.80*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*74.4*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*74.4*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*920*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*12.3*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*2C) Shiloh Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1138*	veh/h	Peak-Hour Factor, PHF	*0.82*
AADT		veh/day	%Trucks and Buses, P_T	*17*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.922*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*75.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*75.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*753*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*10.0*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*3) Shiloh to West Billings*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1510*	veh/h	Peak-Hour Factor, PHF	*0.85*
AADT		veh/day	%Trucks and Buses, P_T	*13*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.939*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*74.8*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*74.8*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*946*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*12.6*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*3C) West Billings Over*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*379*	veh/h	Peak-Hour Factor, PHF	*0.82*
AADT		veh/day	%Trucks and Buses, P_T	*22*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.901*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*75.0*	mph	FFS	*75.0*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)		
Operational (LOS)			Design (N)		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*270*	pc/h/ln	Design LOS		
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
D = v_p / S	*3.6*	pc/mi/ln	S		mph
LOS	*A*		D = v_p / S		pc/mi/ln
			Required Number of Lanes, N		

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*3F) West Billings Over Part 2*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*389*	veh/h	Peak-Hour Factor, PHF	*0.82*
AADT		veh/day	%Trucks and Buses, P_T	*22*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.901*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*70.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*70.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*277*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*4.0*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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Billings Area I-90 Corridor Planning Study

FREEWAY WEAVING WORKSHEET

General Information

Analyst	David Stoner
Agency/Company	DOWL HKM
Date Performed	7/26/2011
Analysis Time Period	Peak Hour

Site Information

Freeway/Dir of Travel	Eastbound
Weaving Segment Location	4) W Billings to S Billings
Analysis Year	2010

Project Description *Billings Area I-90 Corridor Planning Study*

Inputs

Weaving configuration	One-Sided	Segment type	Freeway
Weaving number of lanes, N	3	Freeway minimum speed, S_{MIN}	65
Weaving segment length, L_S	2400ft	Freeway maximum capacity, C_{IFL}	2400
Freeway free-flow speed, FFS	70 mph	Terrain type	Level

Conversions to pc/h Under Base Conditions

	V (veh/h)	PHF	Truck (%)	RV (%)	E_T	E_R	f_{HV}	fp	v (pc/h)
V_{FF}	155	0.82	22	0	1.5	1.2	0.901	0.95	221
V_{RF}	258	0.82	22	0	1.5	1.2	0.901	0.95	368
V_{FR}	851	0.80	5	0	1.5	1.2	0.976	0.95	1148
V_{RR}	26	0.82	22	0	1.5	1.2	0.901	0.95	221
V_{NW}	256							V =	1772
V_W	1516								
VR	0.856								

Configuration Characteristics

Minimum maneuver lanes, N_{WL}	3 lc	Minimum weaving lane changes, LC_{MIN}	1148 lc/h
Interchange density, ID	1.00 int/mi	Weaving lane changes, LC_W	1428 lc/h
Minimum RF lane changes, LC_{RF}	1 lc/pc	Non-weaving lane changes, LC_{NW}	776 lc/h
Minimum FR lane changes, LC_{FR}	0 lc/pc	Total lane changes, LC_{ALL}	2204 lc/h
Minimum RR lane changes, LC_{RR}	lc/pc	Non-weaving vehicle index, I_{NW}	0.211

Weaving Segment Speed, Density, Level of Service, and Capacity

Weaving segment flow rate, v	1772 pc/h	Weaving intensity factor, W	0.211
Weaving segment capacity, c_w	3501 veh/h	Weaving segment speed, S	67.4 mph
Weaving segment v/c ratio	0.433	Average weaving speed, S_W	69.1 mph
Weaving segment density, D	8.8 pc/mi/ln	Average non-weaving speed, S_{NW}	58.9 mph
Level of Service, LOS	A	Maximum weaving length, L_{MAX}	10703 ft

Notes

a. Weaving segments longer than the calculated maximum length should be treated as isolated merge and diverge areas using the procedures of Chapter 13, "Freeway Merge and Diverge Segments".
b. For volumes that exceed the weaving segment capacity, the level of service is "F".

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*4C) South Billings Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1045*	veh/h	Peak-Hour Factor, PHF	*0.96*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*73.8*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*73.8*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*616*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*8.2*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*5) South Billings to 27th St*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1270*	veh/h	Peak-Hour Factor, PHF	*0.94*
AADT		veh/day	%Trucks and Buses, P_T	*13*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.939*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*65.5*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*65.5*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*719*	pc/h/ln
S	*65.0*	mph
D = v_p / S	*11.1*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

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E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*5C) 27th Street Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*1111*	veh/h	Peak-Hour Factor, PHF	*0.93*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*72.3*	mph	FFS	*72.3*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)		
Operational (LOS)			Design (N)		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*642*	pc/h/ln	Design LOS		
S	*70.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
D = v_p / S	*9.2*	pc/mi/ln	S		mph
LOS	*A*		D = v_p / S		pc/mi/ln
			Required Number of Lanes, N		

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*6) 27th Street to Lockwood*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1736*	veh/h	Peak-Hour Factor, PHF	*0.91*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.9*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.9*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1021*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*13.6*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*6C) Lockwood Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1328*	veh/h	Peak-Hour Factor, PHF	*0.95*
AADT		veh/day	%Trucks and Buses, P_T	*19*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.913*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.4*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.4*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*765*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*10.9*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*7) Lockwood to Johnson Lane*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1270*	veh/h	Peak-Hour Factor, PHF	*0.95*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.2*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.2*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*719*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*10.3*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*7C) Johnson Lane Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1056*	veh/h	Peak-Hour Factor, PHF	*0.92*
AADT		veh/day	%Trucks and Buses, P_T	*16*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.926*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.3*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.3*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*620*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*8.9*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
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f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*8) Johnson Lane to Pinehill*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1120*	veh/h	Peak-Hour Factor, PHF	*0.94*
AADT		veh/day	%Trucks and Buses, P_T	*19*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.913*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.4*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.4*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*652*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*9.3*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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Appendix 11

Operational LOS
Analysis Sheets

2. Westbound Mainline 2010

BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*C) Laurel Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*470*	veh/h	Peak-Hour Factor, PHF	*0.92*
AADT		veh/day	%Trucks and Buses, P_T	*24*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.893*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*75.0*	mph	FFS	*75.0*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*286*	pc/h/ln	Design LOS	
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*3.8*	pc/mi/ln	S	mph
LOS	*A*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*1) Laurel to Mossmain*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1341*	veh/h	Peak-Hour Factor, PHF	*0.95*
AADT		veh/day	%Trucks and Buses, P_T	*20*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.909*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*75.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*75.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*776*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*10.3*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*1C) Mossmain Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*993*	veh/h	Peak-Hour Factor, PHF	*0.92*
AADT		veh/day	%Trucks and Buses, P_T	*13*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.939*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*75.0*	mph	FFS	*75.0*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*575*	pc/h/ln	Design LOS	
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*7.7*	pc/mi/ln	S	mph
LOS	*A*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*2) Mossmain to Shiloh*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1478*	veh/h	Peak-Hour Factor, PHF	*0.86*
AADT		veh/day	%Trucks and Buses, P_T	*13*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.939*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*75.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*75.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*915*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*12.2*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*2C) Shiloh Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*1102*	veh/h	Peak-Hour Factor, PHF	*0.83*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*72.8*	mph	FFS	*72.8*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*710*	pc/h/ln	Design LOS	
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*9.5*	pc/mi/ln	S	mph
LOS	*A*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*3) Shiloh to West Billings*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1450*	veh/h	Peak-Hour Factor, PHF	*0.89*
AADT		veh/day	%Trucks and Buses, P_T	*12*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.943*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*70.8*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*70.8*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*863*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*12.3*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
S	mph
D = v_p / S	pc/mi/ln
Required Number of Lanes, N	

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*3C) West Billings Over*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs					
Volume, V	*666*	veh/h	Peak-Hour Factor, PHF	*0.93*	
AADT		veh/day	%Trucks and Buses, P_T	*18*	
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*	
Peak-Hr Direction Prop, D			General Terrain:	*Level*	
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*	

Calculate Flow Adjustments			
f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.917*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*73.7*	mph	FFS	*73.7*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*411*	pc/h/ln	Design LOS	
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*5.5*	pc/mi/ln	S	mph
LOS	*A*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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Billings Area I-90 Corridor Planning Study

FREEWAY WEAVING WORKSHEET

General Information

Analyst	David Stoner
Agency/Company	DOWL HKM
Date Performed	7/26/2011
Analysis Time Period	Peak Hour

Site Information

Freeway/Dir of Travel	Westbound
Weaving Segment Location	4) W Billings to S Billings
Analysis Year	2010

Project Description *Billings Area I-90 Corridor Planning Study*

Inputs

Weaving configuration	One-Sided	Segment type	Freeway
Weaving number of lanes, N	3	Freeway minimum speed, S_{MIN}	65
Weaving segment length, L_S	2468ft	Freeway maximum capacity, C_{IFL}	2400
Freeway free-flow speed, FFS	70 mph	Terrain type	Level

Conversions to pc/h Under Base Conditions

	V (veh/h)	PHF	Truck (%)	RV (%)	E_T	E_R	f_{HV}	f_p	v (pc/h)
V_{FF}	335	0.90	17	0	1.5	1.2	0.922	0.95	425
V_{RF}	291	0.90	17	0	1.5	1.2	0.922	0.95	369
V_{FR}	758	0.80	5	0	1.5	1.2	0.976	0.95	1022
V_{RR}	73	0.90	17	0	1.5	1.2	0.922	0.95	425
V_{NW}	523							V =	1914
V_W	1391								
VR	0.727								

Configuration Characteristics

Minimum maneuver lanes, N_{WL}	3 lc	Minimum weaving lane changes, LC_{MIN}	1022 lc/h
Interchange density, ID	1.00 int/mi	Weaving lane changes, LC_W	1307 lc/h
Minimum RF lane changes, LC_{RF}	1 lc/pc	Non-weaving lane changes, LC_{NW}	868 lc/h
Minimum FR lane changes, LC_{FR}	0 lc/pc	Total lane changes, LC_{ALL}	2175 lc/h
Minimum RR lane changes, LC_{RR}	lc/pc	Non-weaving vehicle index, I_{NW}	0.205

Weaving Segment Speed, Density, Level of Service, and Capacity

Weaving segment flow rate, v	1914 pc/h	Weaving intensity factor, W	0.205
Weaving segment capacity, c_w	4217 veh/h	Weaving segment speed, S	66.2 mph
Weaving segment v/c ratio	0.397	Average weaving speed, S_W	69.2 mph
Weaving segment density, D	9.6 pc/mi/ln	Average non-weaving speed, S_{NW}	59.6 mph
Level of Service, LOS	A	Maximum weaving length, L_{MAX}	9029 ft

Notes

a. Weaving segments longer than the calculated maximum length should be treated as isolated merge and diverge areas using the procedures of Chapter 13, "Freeway Merge and Diverge Segments".
b. For volumes that exceed the weaving segment capacity, the level of service is "F".

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*4C) South Billings Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*1117*	veh/h	Peak-Hour Factor, PHF	*0.93*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*72.6*	mph	FFS	*72.6*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*676*	pc/h/ln	Design LOS	
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*9.0*	pc/mi/ln	S	mph
LOS	*A*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*5) South Billings to 27th St*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1158*	veh/h	Peak-Hour Factor, PHF	*0.88*
AADT		veh/day	%Trucks and Buses, P_T	*12*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.943*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*71.2*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*71.2*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*697*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*10.0*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*5C) 27th Street Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*906*	veh/h	Peak-Hour Factor, PHF	*0.85*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*73.2*	mph	FFS	*73.2*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*573*	pc/h/ln	Design LOS	
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*7.6*	pc/mi/ln	S	mph
LOS	*A*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*6) 27th Street to Lockwood*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1370*	veh/h	Peak-Hour Factor, PHF	*0.87*
AADT		veh/day	%Trucks and Buses, P_T	*18*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.917*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*73.4*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*73.4*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*858*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*11.4*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*6C) Lockwood Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*1029*	veh/h	Peak-Hour Factor, PHF	*0.88*
AADT		veh/day	%Trucks and Buses, P_T	*18*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.917*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*73.0*	mph	FFS	*73.0*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)		
Operational (LOS)			Design (N)		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*637*	pc/h/ln	Design LOS		
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
D = v_p / S	*8.5*	pc/mi/ln	S		mph
LOS	*A*		D = v_p / S		pc/mi/ln
			Required Number of Lanes, N		

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*7) Lockwood to Johnson Lane*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1442*	veh/h	Peak-Hour Factor, PHF	*0.88*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*73.6*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*73.6*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*881*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*11.7*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
S	mph
D = v_p / S	pc/mi/ln
Required Number of Lanes, N	

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*7C) Johnson Lane Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*631*	veh/h	Peak-Hour Factor, PHF	*0.84*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*69.9*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*69.9*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*402*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*5.7*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*8) Johnson Lane to Pinehill*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2010*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*697*	veh/h	Peak-Hour Factor, PHF	*0.82*
AADT		veh/day	%Trucks and Buses, P_T	*19*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.913*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.2*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.2*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*465*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*6.6*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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Appendix 11

Operational LOS
Analysis Sheets

3. Eastbound Ramps 2010

RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	D) Laurel on Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 800	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 393	V_D = veh/h
	Ramp Volume, V_R: 790	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.9	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	393	0.87	Level	25	0	0.889	1.00	508
Ramp	790	0.73	Level	1	0	0.995	1.00	1088
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 508 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1596	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1596	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 12.4 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.230 (Exibit 13-11)

S_R = 63.6 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 63.6 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

General Information		Site Information	
Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	E) Laurel Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	250	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	393	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	174	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	68.9		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	393	0.87	Level	25	0	0.889	1.00	508
Ramp	174	0.75	Level	1	0	0.995	1.00	233
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F(P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 508 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	508	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	275	Exhibit 13-8	4800	No
V_R	233	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	508	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 6.4 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

D_s = 0.008 (Exhibit 13-12)

S_R= 69.8 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 69.8 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	1D) Mossmain On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp			Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N	2	☐ Yes ☐ On
	Acceleration Lane Length, L_A	650	
	Deceleration Lane Length L_D		
☑ No ☐ Off	Freeway Volume, V_F	1185	☑ No ☐ Off
L_{up} = ft	Ramp Volume, V_R	41	L_{down} = ft
	Freeway Free-Flow Speed, S_{FF}	70.0	
V_u = veh/h	Ramp Free-Flow Speed, S_{FR}	70.0	V_D = veh/h

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1185	0.73	Level	14	0	0.935	1.00	1737
Ramp	41	0.67	Level	5	0	0.976	1.00	63
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1737 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1800	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1800	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 15.4 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.254 (Exibit 13-11)

S_R = 62.9 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.9 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	1E) Mossmain Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	200	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1185	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	40	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1185	0.73	Level	14	0	0.935	1.00	1737
Ramp	40	0.58	Level	1	0	0.995	1.00	69
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1737 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1737	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1668	Exhibit 13-8	4800	No
V_R	69	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1737	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 17.4 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = -0.021 (Exhibit 13-12)

S_R= 70.6 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 70.6 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	2D) Shiloh On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 1160	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1138	V_D = veh/h
	Ramp Volume, V_R: 352	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 70.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1138	0.82	Level	17	0	0.922	1.00	1506
Ramp	352	0.72	Level	6	0	0.971	1.00	504
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1506 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2010	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2010	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 13.6 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.188 (Exibit 13-11)

S_R = 64.7 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 64.7 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	2E) Shiloh Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	175	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1138	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	224	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1138	0.82	Level	17	0	0.922	1.00	1506
Ramp	224	0.75	Level	4	0	0.980	1.00	305
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1506 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1506	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1201	Exhibit 13-8	4800	No
V_R	305	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1506	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 15.6 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.000 (Exhibit 13-12)

S_R= 70.0 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 70.0 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	3D) West Billings On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A	415	☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D		☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	379	L_{down} =	ft
		Ramp Volume, V_R	18		
		Freeway Free-Flow Speed, S_{FF}	70.0		
V_u =	veh/h	Ramp Free-Flow Speed, S_{FR}	70.0	V_D =	veh/h

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	379	0.82	Level	22	0	0.901	0.95	540
Ramp	18	0.80	Level	5	0	0.976	0.95	24
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F(P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 540 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	564	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	564	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 7.3 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

M_S = 0.270 (Exibit 13-11)

S_R = 62.4 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.4 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	3E) West Billings Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	121	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	379	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	1349	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	379	0.82	Level	22	0	0.901	0.95	540
Ramp	1349	0.82	Level	3	0	0.985	0.95	1758
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 540 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	540	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	-1218	Exhibit 13-8	4800	No
V_R	1758	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	540	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 7.8 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

D_s = 0.131 (Exhibit 13-12)

S_R= 66.3 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 66.3 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	3G) W Billings On Ramp @ Mullo
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 1500	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 389	V_D = veh/h
	Ramp Volume, V_R: 1405	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 65.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	389	0.82	Level	22	0	0.901	0.95	554
Ramp	1405	0.80	Level	5	0	0.976	0.95	1895
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 554 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2449	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2449	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 14.3 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.171 (Exibit 13-11)

S_R = 65.2 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 65.2 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	4D) South Billings On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 1200	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1045	V_D = veh/h
	Ramp Volume, V_R: 382	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.9	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1045	0.96	Level	15	0	0.930	0.95	1232
Ramp	382	0.83	Level	5	0	0.976	1.00	472
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1232 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1704	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1704	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 11.0 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.177 (Exibit 13-11)

S_R = 65.0 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 65.0 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	4E) South Billings Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	165	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1045	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	338	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	68.8		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1045	0.96	Level	15	0	0.930	0.95	1232
Ramp	338	0.85	Level	5	0	0.976	1.00	408
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R = mph (Exhibit 13-11)

S_0 = mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1232 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1232	Exhibit 13-8	4776	No
$V_{FO} = V_F - V_R$	824	Exhibit 13-8	4776	No
V_R	408	Exhibit 13-10	4400	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1232	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = -1.6 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

D_s = 0.010 (Exhibit 13-12)

S_R = 68.5 mph (Exhibit 13-12)

S_0 = N/A mph (Exhibit 13-12)

S = 68.5 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	5D) 27th Street On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 713	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1111	V_D = veh/h
	Ramp Volume, V_R: 323	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 67.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1111	0.93	Level	15	0	0.930	1.00	1284
Ramp	323	0.70	Level	10	0	0.952	1.00	485
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1284 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1769	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1769	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 14.6 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.248 (Exibit 13-11)

S_R = 63.0 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 63.0 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	5E) 27th Street Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	150	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1111	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	118	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.3		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1111	0.93	Level	15	0	0.930	1.00	1284
Ramp	118	0.77	Level	8	0	0.962	1.00	159
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1284 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1284	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1125	Exhibit 13-8	4800	No
V_R	159	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1284	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 13.9 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.022 (Exhibit 13-12)

S_R= 69.4 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 69.4 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	6D) Lockwood On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 850	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1328	V_D = veh/h
	Ramp Volume, V_R: 161	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 67.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1328	0.95	Level	19	0	0.913	1.00	1531
Ramp	161	0.95	Level	10	0	0.952	1.00	178
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1531 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1709	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1709	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 13.4 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.229 (Exibit 13-11)

S_R = 63.6 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 63.6 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_S = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	6E) Lockwood Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	170	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1328	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	465	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.4		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1328	0.95	Level	19	0	0.913	1.00	1531
Ramp	465	0.79	Level	10	0	0.952	1.00	618
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1531 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1531	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	913	Exhibit 13-8	4800	No
V_R	618	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1531	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 15.9 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.062 (Exhibit 13-12)

S_R= 68.3 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 68.3 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information		Site Information	
Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	7D) Johnson On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A	800	☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D		☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1056	L_{down} =	ft
		Ramp Volume, V_R	135		
		Freeway Free-Flow Speed, S_{FF}	70.0		
V_u =	veh/h	Ramp Free-Flow Speed, S_{FR}	67.0	V_D =	veh/h

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1056	0.92	Level	16	0	0.926	1.00	1240
Ramp	135	0.93	Level	25	0	0.889	1.00	163
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1240 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1403	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1403	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 11.3 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.230 (Exibit 13-11)

S_R= 63.6 mph (Exhibit 13-11)

S_0= N/A mph (Exhibit 13-11)

S = 63.6 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R= mph (Exhibit 13-12)

S_0= mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	7E) Johnson Lane Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	180	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1056	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	280	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.3		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1056	0.92	Level	16	0	0.926	1.00	1240
Ramp	280	0.96	Level	13	0	0.939	1.00	311
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R = mph (Exhibit 13-11)

S_0 = mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1240 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1240	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	929	Exhibit 13-8	4800	No
V_R	311	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1240	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 13.3 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.036 (Exhibit 13-12)

S_R = 69.0 mph (Exhibit 13-12)

S_0 = N/A mph (Exhibit 13-12)

S = 69.0 mph (Exhibit 13-13)

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Appendix 11

Operational LOS
Analysis Sheets

4. Westbound Ramps 2010

RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	A) Laurel On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On		☐ Yes ☐ On
☑ No ☐ Off		☑ No ☐ Off
L_{up} = ft		L_{down} = ft
V_u = veh/h		V_D = veh/h

Number of Lanes, N	2
Acceleration Lane Length, L_A	1053
Deceleration Lane Length L_D	
Freeway Volume, V_F	470
Ramp Volume, V_R	79
Freeway Free-Flow Speed, S_{FF}	70.0
Ramp Free-Flow Speed, S_{FR}	70.0

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	470	0.92	Level	24	0	0.893	1.00	572
Ramp	79	0.93	Level	9	0	0.957	1.00	89
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 572 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	661	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	661	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 4.0 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

M_S = 0.181 (Exibit 13-11)

S_R = 64.9 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 64.9 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	B) Laurel Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	250	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	470	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	850	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	470	0.92	Level	24	0	0.893	1.00	572
Ramp	850	0.92	Level	18	0	0.917	1.00	1007
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 572 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	572	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	-435	Exhibit 13-8	4800	No
V_R	1007	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	572	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 6.9 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

D_s = 0.064 (Exhibit 13-12)

S_R= 68.2 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 68.2 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	1A) Mossmain On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 720	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 993	V_D = veh/h
	Ramp Volume, V_R: 215	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 70.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	993	0.92	Level	13	0	0.939	1.00	1150
Ramp	215	0.66	Level	5	0	0.976	1.00	334
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1150 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1484	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1484	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 12.4 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.237 (Exibit 13-11)

S_R = 63.4 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 63.4 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	1B) Mossmain Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	250	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	993	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	512	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	993	0.92	Level	13	0	0.939	1.00	1150
Ramp	512	0.76	Level	5	0	0.976	1.00	691
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1150 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1150	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	459	Exhibit 13-8	4800	No
V_R	691	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1150	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 11.9 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.035 (Exhibit 13-12)

S_R= 69.0 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 69.0 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	2A) Shiloh On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A	648	☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D		☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1102	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	186	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.8		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1102	0.83	Level	14	0	0.935	1.00	1421
Ramp	186	0.54	Level	9	0	0.957	1.00	360
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1421 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1781	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1781	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 15.1 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.256 (Exibit 13-11)

S_R= 62.8 mph (Exhibit 13-11)

S_0= N/A mph (Exhibit 13-11)

S = 62.8 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R= mph (Exhibit 13-12)

S_0= mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	2B) Shiloh Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	268	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1102	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	284	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.8		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1102	0.83	Level	14	0	0.935	1.00	1421
Ramp	284	0.82	Level	6	0	0.971	1.00	357
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1421 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1421	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1064	Exhibit 13-8	4800	No
V_R	357	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1421	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 14.1 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.034 (Exhibit 13-12)

S_R= 69.1 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 69.1 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	3A) West Billings On Ramp King
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 582	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 952	V_D = veh/h
	Ramp Volume, V_R: 430	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.7	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	952	0.93	Level	18	0	0.917	0.95	1175
Ramp	430	0.85	Level	3	0	0.985	1.00	513
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1175 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1688	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1688	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 14.8 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.262 (Exibit 13-11)

S_R = 62.7 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.7 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	3B) West Billings Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	150	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	952	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	1155	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	68.6		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	952	0.93	Level	18	0	0.917	0.95	1175
Ramp	1155	0.85	Level	3	0	0.985	1.00	1379
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1175 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1175	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	-204	Exhibit 13-8	4800	No
V_R	1379	Exhibit 13-10	4400	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1175	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = -1.8 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

D_s = 0.115 (Exhibit 13-12)

S_R= 66.8 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 66.8 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	4A) South Billings On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A	1500	☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D		☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1117	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	359	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.6		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1117	0.93	Level	14	0	0.935	0.95	1353
Ramp	359	0.80	Level	5	0	0.976	0.95	484
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1353 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1837	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1837	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 10.2 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.143 (Exibit 13-11)

S_R = 66.0 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 66.0 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	4B) South Billings Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	200	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1117	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	144	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.6		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1117	0.93	Level	14	0	0.935	0.95	1353
Ramp	144	0.77	Level	6	0	0.971	0.95	203
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R = mph (Exhibit 13-11)

S_0 = mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1353 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1353	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1150	Exhibit 13-8	4800	No
V_R	203	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1353	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 14.1 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.022 (Exhibit 13-12)

S_R = 69.4 mph (Exhibit 13-12)

S_0 = N/A mph (Exhibit 13-12)

S = 69.4 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	5A) 27th Street On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 568	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 906	V_D = veh/h
	Ramp Volume, V_R: 148	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.2	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	906	0.85	Level	15	0	0.930	1.00	1146
Ramp	148	0.87	Level	4	0	0.980	1.00	174
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1146 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1320	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1320	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 12.1 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.258 (Exibit 13-11)

S_R = 62.8 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.8 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information		Site Information	
Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	5B) 27th Street Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	250	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	906	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	265	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	68.2		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	906	0.85	Level	15	0	0.930	1.00	1146
Ramp	265	0.68	Level	18	0	0.917	1.00	425
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1146 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1146	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	721	Exhibit 13-8	4800	No
V_R	425	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1146	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 11.9 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.035 (Exhibit 13-12)

S_R= 69.0 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 69.0 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	6A) Lockwood On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 750	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1029	V_D = veh/h
	Ramp Volume, V_R: 280	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1029	0.88	Level	18	0	0.917	1.00	1275
Ramp	280	0.63	Level	18	0	0.917	1.00	484
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1275 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1759	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1759	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 14.3 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.242 (Exibit 13-11)

S_R = 63.2 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 63.2 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	6B) Lockwood Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	180	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1029	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	433	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	68.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1029	0.88	Level	18	0	0.917	1.00	1275
Ramp	433	0.88	Level	9	0	0.957	1.00	514
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R = mph (Exhibit 13-11)

S_0 = mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1275 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1275	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	761	Exhibit 13-8	4800	No
V_R	514	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1275	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 13.6 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_S = 0.045 (Exhibit 13-12)

S_R = 68.7 mph (Exhibit 13-12)

S_0 = N/A mph (Exhibit 13-12)

S = 68.7 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	7A) Johnson Lane On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A	750	☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D		☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	631	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	809	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	69.9		
		Ramp Free-Flow Speed, S_{FR}	64.9		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	631	0.84	Level	14	0	0.935	1.00	804
Ramp	809	0.87	Level	16	0	0.926	1.00	1004
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 804 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1808	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1808	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 14.4 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.247 (Exibit 13-11)

S_R= 63.0 mph (Exhibit 13-11)

S_0= N/A mph (Exhibit 13-11)

S = 63.0 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R= mph (Exhibit 13-12)

S_0= mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	7B) Johnson Lane Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2010

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	170	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	631	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	76	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	69.9		
		Ramp Free-Flow Speed, S_{FR}	64.9		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	631	0.84	Level	14	0	0.935	1.00	804
Ramp	76	0.70	Level	25	0	0.889	1.00	122
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R = mph (Exhibit 13-11)

S_0 = mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 804 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	804	Exhibit 13-8	4798	No
$V_{FO} = V_F - V_R$	682	Exhibit 13-8	4798	No
V_R	122	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	804	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 9.6 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

D_s = 0.050 (Exhibit 13-12)

S_R = 68.5 mph (Exhibit 13-12)

S_0 = N/A mph (Exhibit 13-12)

S = 68.5 mph (Exhibit 13-13)

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Appendix 11

Operational LOS
Analysis Sheets

5. Eastbound Mainline 2035

BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*C) Laurel Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs					
Volume, V	*698*	veh/h	Peak-Hour Factor, PHF	*0.87*	
AADT		veh/day	%Trucks and Buses, P_T	*25*	
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*	
Peak-Hr Direction Prop, D			General Terrain:	*Level*	
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*	

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.889*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*73.9*	mph	FFS	*73.9*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*451*	pc/h/ln	Design LOS	
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*6.0*	pc/mi/ln	S	mph
LOS	*A*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*1) Laurel to Mossmain*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1575*	veh/h	Peak-Hour Factor, PHF	*0.81*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*75.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*75.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1040*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*13.9*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*1C) Mossmain Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*1520*	veh/h	Peak-Hour Factor, PHF	*0.73*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*75.0*	mph	FFS	*75.0*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1114*	pc/h/ln	Design LOS	
S	*74.9*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*14.9*	pc/mi/ln	S	mph
LOS	*B*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*2) Mossmain to Shiloh*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1834*	veh/h	Peak-Hour Factor, PHF	*0.80*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*74.4*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*74.4*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1232*	pc/h/ln
S	*74.4*	mph
D = v_p / S	*16.6*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*2C) Shiloh Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1460*	veh/h	Peak-Hour Factor, PHF	*0.82*
AADT		veh/day	%Trucks and Buses, P_T	*17*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.922*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*75.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*75.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*966*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*12.9*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*3) Shiloh to West Billings*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2472*	veh/h	Peak-Hour Factor, PHF	*0.85*
AADT		veh/day	%Trucks and Buses, P_T	*13*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.939*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*74.8*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*74.8*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1549*	pc/h/ln
S	*71.7*	mph
D = v_p / S	*21.6*	pc/mi/ln
LOS	*C*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*3C) West Billings Over*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*834*	veh/h	Peak-Hour Factor, PHF	*0.82*
AADT		veh/day	%Trucks and Buses, P_T	*22*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.901*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*75.0*	mph	FFS	*75.0*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)		
Operational (LOS)			Design (N)		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*594*	pc/h/ln	Design LOS		
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
D = v_p / S	*7.9*	pc/mi/ln	S		mph
LOS	*A*		D = v_p / S		pc/mi/ln
			Required Number of Lanes, N		

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*3F) West Billings Over Part 2*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*861*	veh/h	Peak-Hour Factor, PHF	*0.82*
AADT		veh/day	%Trucks and Buses, P_T	*22*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.901*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*70.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*70.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*613*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*8.8*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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Billings Area I-90 Corridor Planning Study

FREEWAY WEAVING WORKSHEET

General Information

Analyst	David Stoner
Agency/Company	DOWL HKM
Date Performed	7/26/2011
Analysis Time Period	Peak Hour

Site Information

Freeway/Dir of Travel	Eastbound
Weaving Segment Location	4) W Billings to S Billings
Analysis Year	2035

Project Description *Billings Area I-90 Corridor Planning Study*

Inputs

Weaving configuration	One-Sided	Segment type	Freeway
Weaving number of lanes, N	3	Freeway minimum speed, S_{MIN}	65
Weaving segment length, L_S	2400ft	Freeway maximum capacity, C_{IFL}	2400
Freeway free-flow speed, FFS	70 mph	Terrain type	Level

Conversions to pc/h Under Base Conditions

	V (veh/h)	PHF	Truck (%)	RV (%)	E_T	E_R	f_{HV}	f_p	v (pc/h)
V_{FF}	266	0.82	22	0	1.5	1.2	0.901	0.95	379
V_{RF}	443	0.82	22	0	1.5	1.2	0.901	0.95	631
V_{FR}	1462	0.80	5	0	1.5	1.2	0.976	0.95	1972
V_{RR}	44	0.82	22	0	1.5	1.2	0.901	0.95	379
V_{NW}	438							V =	3041
V_W	2603								
VR	0.856								

Configuration Characteristics

Minimum maneuver lanes, N_{WL}	3 lc	Minimum weaving lane changes, LC_{MIN}	1972 lc/h
Interchange density, ID	1.00 int/mi	Weaving lane changes, LC_W	2252 lc/h
Minimum RF lane changes, LC_{RF}	1 lc/pc	Non-weaving lane changes, LC_{NW}	813 lc/h
Minimum FR lane changes, LC_{FR}	0 lc/pc	Total lane changes, LC_{ALL}	3065 lc/h
Minimum RR lane changes, LC_{RR}	lc/pc	Non-weaving vehicle index, I_{NW}	0.274

Weaving Segment Speed, Density, Level of Service, and Capacity

Weaving segment flow rate, v	3041 pc/h	Weaving intensity factor, W	0.274
Weaving segment capacity, c_w	3500 veh/h	Weaving segment speed, S	65.6 mph
Weaving segment v/c ratio	0.744	Average weaving speed, S_W	68.9 mph
Weaving segment density, D	15.5 pc/mi/ln	Average non-weaving speed, S_{NW}	50.9 mph
Level of Service, LOS	B	Maximum weaving length, L_{MAX}	10709 ft

Notes

a. Weaving segments longer than the calculated maximum length should be treated as isolated merge and diverge areas using the procedures of Chapter 13, "Freeway Merge and Diverge Segments".
b. For volumes that exceed the weaving segment capacity, the level of service is "F".

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*4C) South Billings Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1621*	veh/h	Peak-Hour Factor, PHF	*0.96*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*73.8*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*73.8*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*955*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*12.7*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*5) South Billings to 27th St*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2257*	veh/h	Peak-Hour Factor, PHF	*0.94*
AADT		veh/day	%Trucks and Buses, P_T	*13*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.939*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*65.5*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*65.5*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1279*	pc/h/ln
S	*65.0*	mph
D = v_p / S	*19.7*	pc/mi/ln
LOS	*C*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*5C) 27th Street Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1966*	veh/h	Peak-Hour Factor, PHF	*0.93*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.3*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.3*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1136*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*16.2*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*6) 27th Street to Lockwood*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2974*	veh/h	Peak-Hour Factor, PHF	*0.91*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.9*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.9*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1748*	pc/h/ln
S	*68.8*	mph
D = v_p / S	*25.4*	pc/mi/ln
LOS	*C*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*6C) Lockwood Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*2089*	veh/h	Peak-Hour Factor, PHF	*0.95*
AADT		veh/day	%Trucks and Buses, P_T	*19*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length	*mi*
			Up/Down %	

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.913*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*72.4*	mph	FFS	*72.4*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1204*	pc/h/ln	Design LOS	
S	*70.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*17.2*	pc/mi/ln	S	mph
LOS	*B*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*7) Lockwood to Johnson Lane*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*2121*	veh/h	Peak-Hour Factor, PHF	*0.95*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*72.2*	mph	FFS	*72.2*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1200*	pc/h/ln	Design LOS	
			v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
S	*70.0*	mph	S	mph
D = v_p / S	*17.1*	pc/mi/ln	D = v_p / S	pc/mi/ln
LOS	*B*		Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*7C) Johnson Lane Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1689*	veh/h	Peak-Hour Factor, PHF	*0.92*
AADT		veh/day	%Trucks and Buses, P_T	*16*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/\{1+P_T(E_T - 1) + P_R(E_R - 1)\}$	*0.926*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.3*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.3*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*991*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*14.2*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*8) Johnson Lane to Pinehill*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1841*	veh/h	Peak-Hour Factor, PHF	*0.94*
AADT		veh/day	%Trucks and Buses, P_T	*19*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.913*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.4*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.4*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1072*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*15.3*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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Appendix 11

Operational LOS
Analysis Sheets

6. Westbound Mainline 2035

BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*C) Laurel Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*859*	veh/h	Peak-Hour Factor, PHF	*0.92*
AADT		veh/day	%Trucks and Buses, P_T	*24*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.893*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*75.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*75.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*523*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*7.0*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*1) Laurel to Mossmain*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1798*	veh/h	Peak-Hour Factor, PHF	*0.95*
AADT		veh/day	%Trucks and Buses, P_T	*20*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.909*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*75.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*75.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1041*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*13.9*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*1C) Mossmain Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1295*	veh/h	Peak-Hour Factor, PHF	*0.92*
AADT		veh/day	%Trucks and Buses, P_T	*13*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.939*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*75.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*75.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*750*	pc/h/ln
S	*75.0*	mph
D = v_p / S	*10.0*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*2) Mossmain to Shiloh*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1979*	veh/h	Peak-Hour Factor, PHF	*0.86*
AADT		veh/day	%Trucks and Buses, P_T	*13*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.939*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*75.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*75.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1225*	pc/h/ln
S	*74.4*	mph
D = v_p / S	*16.5*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*2C) Shiloh Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*1413*	veh/h	Peak-Hour Factor, PHF	*0.83*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*72.8*	mph	FFS	*72.8*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*911*	pc/h/ln	Design LOS	
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*12.1*	pc/mi/ln	S	mph
LOS	*B*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*3) Shiloh to West Billings*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2375*	veh/h	Peak-Hour Factor, PHF	*0.89*
AADT		veh/day	%Trucks and Buses, P_T	*12*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.943*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*70.8*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*70.8*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1414*	pc/h/ln
S	*69.5*	mph
D = v_p / S	*20.4*	pc/mi/ln
LOS	*C*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*3C) West Billings Over*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*1319*	veh/h	Peak-Hour Factor, PHF	*0.93*
AADT		veh/day	%Trucks and Buses, P_T	*18*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.917*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*73.7*	mph	FFS	*73.7*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*814*	pc/h/ln	Design LOS	
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*10.9*	pc/mi/ln	S	mph
LOS	*A*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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Billings Area I-90 Corridor Planning Study

FREEWAY WEAVING WORKSHEET

General Information

Analyst	David Stoner
Agency/Company	DOWL HKM
Date Performed	7/26/2011
Analysis Time Period	Peak Hour

Site Information

Freeway/Dir of Travel	Westbound
Weaving Segment Location	4) W Billings to S Billings
Analysis Year	2035

Project Description *Billings Area I-90 Corridor Planning Study*

Inputs

Weaving configuration	One-Sided	Segment type	Freeway
Weaving number of lanes, N	3	Freeway minimum speed, S_{MIN}	65
Weaving segment length, L_S	2468ft	Freeway maximum capacity, C_{IFL}	2400
Freeway free-flow speed, FFS	70 mph	Terrain type	Level

Conversions to pc/h Under Base Conditions

	V (veh/h)	PHF	Truck (%)	RV (%)	E_T	E_R	f_{HV}	f_p	v (pc/h)
V_{FF}	576	0.90	17	0	1.5	1.2	0.922	0.95	731
V_{RF}	501	0.90	17	0	1.5	1.2	0.922	0.95	636
V_{FR}	1302	0.80	5	0	1.5	1.2	0.976	0.95	1756
V_{RR}	125	0.90	17	0	1.5	1.2	0.922	0.95	731
V_{NW}	900							V =	3292
V_W	2392								
VR	0.727								

Configuration Characteristics

Minimum maneuver lanes, N_{WL}	3 lc	Minimum weaving lane changes, LC_{MIN}	1756 lc/h
Interchange density, ID	1.00 int/mi	Weaving lane changes, LC_W	2041 lc/h
Minimum RF lane changes, LC_{RF}	1 lc/pc	Non-weaving lane changes, LC_{NW}	945 lc/h
Minimum FR lane changes, LC_{FR}	0 lc/pc	Total lane changes, LC_{ALL}	2986 lc/h
Minimum RR lane changes, LC_{RR}	lc/pc	Non-weaving vehicle index, I_{NW}	0.263

Weaving Segment Speed, Density, Level of Service, and Capacity

Weaving segment flow rate, v	3292 pc/h	Weaving intensity factor, W	0.263
Weaving segment capacity, c_w	4218 veh/h	Weaving segment speed, S	63.4 mph
Weaving segment v/c ratio	0.683	Average weaving speed, S_W	69.0 mph
Weaving segment density, D	17.3 pc/mi/ln	Average non-weaving speed, S_{NW}	52.1 mph
Level of Service, LOS	B	Maximum weaving length, L_{MAX}	9027 ft

Notes

a. Weaving segments longer than the calculated maximum length should be treated as isolated merge and diverge areas using the procedures of Chapter 13, "Freeway Merge and Diverge Segments".
b. For volumes that exceed the weaving segment capacity, the level of service is "F".

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*4C) South Billings Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*1988*	veh/h	Peak-Hour Factor, PHF	*0.93*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*72.6*	mph	FFS	*72.6*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1204*	pc/h/ln	Design LOS	
			v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
S	*74.5*	mph	S	mph
D = v_p / S	*16.2*	pc/mi/ln	D = v_p / S	pc/mi/ln
LOS	*B*		Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*5) South Billings to 27th St*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*2059*	veh/h	Peak-Hour Factor, PHF	*0.88*
AADT		veh/day	%Trucks and Buses, P_T	*12*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.943*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*71.2*	mph	FFS	*71.2*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1240*	pc/h/ln	Design LOS	
S	*70.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*17.7*	pc/mi/ln	S	mph
LOS	*B*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*5C) 27th Street Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*1451*	veh/h	Peak-Hour Factor, PHF	*0.85*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*73.2*	mph	FFS	*73.2*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*918*	pc/h/ln	Design LOS	
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*12.2*	pc/mi/ln	S	mph
LOS	*B*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*6) 27th Street to Lockwood*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2118*	veh/h	Peak-Hour Factor, PHF	*0.87*
AADT		veh/day	%Trucks and Buses, P_T	*18*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.917*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*73.4*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*73.4*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1327*	pc/h/ln
S	*73.8*	mph
D = v_p / S	*18.0*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*6C) Lockwood Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*1692*	veh/h	Peak-Hour Factor, PHF	*0.88*
AADT		veh/day	%Trucks and Buses, P_T	*18*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.917*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*73.0*	mph	FFS	*73.0*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)		
Operational (LOS)			Design (N)		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1048*	pc/h/ln	Design LOS		
S	*75.0*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
D = v_p / S	*14.0*	pc/mi/ln	S		mph
LOS	*B*		D = v_p / S		pc/mi/ln
			Required Number of Lanes, N		

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*7) Lockwood to Johnson Lane*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2305*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*2408*	veh/h	Peak-Hour Factor, PHF	*0.88*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*73.6*	mph	FFS	*73.6*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)	
Operational (LOS)			Design (N)	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1471*	pc/h/ln	Design LOS	
S	*72.5*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
D = v_p / S	*20.3*	pc/mi/ln	S	mph
LOS	*C*		D = v_p / S	pc/mi/ln
			Required Number of Lanes, N	

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*7C) Johnson Lane Under*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*964*	veh/h	Peak-Hour Factor, PHF	*0.84*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*69.9*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*69.9*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*614*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*8.8*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*8) Johnson Lane to Pinehill*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2035*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1055*	veh/h	Peak-Hour Factor, PHF	*0.82*
AADT		veh/day	%Trucks and Buses, P_T	*19*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.913*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.2*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.2*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*704*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*10.1*	pc/mi/ln
LOS	*A*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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Appendix 11

Operational LOS
Analysis Sheets

7. Eastbound Ramps 2035

RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	D) Laurel on Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 800	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 693	V_D = veh/h
	Ramp Volume, V_R: 1013	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.9	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	693	0.87	Level	25	0	0.889	1.00	896
Ramp	1013	0.73	Level	1	0	0.995	1.00	1395
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 896 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2291	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2291	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 17.7 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.249 (Exibit 13-11)

S_R = 63.0 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 63.0 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	E) Laurel Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	250	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	698	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	259	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	68.9		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	698	0.87	Level	25	0	0.889	1.00	903
Ramp	259	0.75	Level	1	0	0.995	1.00	347
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 903 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	903	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	556	Exhibit 13-8	4800	No
V_R	347	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	903	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 9.8 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

D_s = 0.019 (Exhibit 13-12)

S_R= 69.5 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 69.5 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	1D) Mossmain On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 650	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1520	V_D = veh/h
	Ramp Volume, V_R: 157	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 70.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1520	0.73	Level	14	0	0.935	1.00	2228
Ramp	157	0.67	Level	5	0	0.976	1.00	240
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 2228 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2468	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2468	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.5 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.276 (Exibit 13-11)

S_R = 62.3 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.3 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	1E) Mossmain Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	200	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1520	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	109	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1520	0.73	Level	14	0	0.935	1.00	2228
Ramp	109	0.58	Level	1	0	0.995	1.00	189
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 2228 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	2228	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	2039	Exhibit 13-8	4800	No
V_R	189	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	2228	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 21.6 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

D_s = -0.010 (Exhibit 13-12)

S_R= 70.3 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 70.3 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	2D) Shiloh On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 1160	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1460	V_D = veh/h
	Ramp Volume, V_R: 1158	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 70.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1460	0.82	Level	17	0	0.922	1.00	1932
Ramp	1158	0.72	Level	6	0	0.971	1.00	1657
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1932 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	3589	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	3589	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 25.4 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.300 (Exibit 13-11)

S_R = 61.6 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 61.6 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	2E) Shiloh Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	175	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1460	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	482	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1460	0.82	Level	17	0	0.922	1.00	1932
Ramp	482	0.75	Level	4	0	0.980	1.00	656
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1932 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1932	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1276	Exhibit 13-8	4800	No
V_R	656	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1932	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 19.3 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.032 (Exhibit 13-12)

S_R= 69.1 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 69.1 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	3D) West Billings On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 415	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 834	V_D = veh/h
	Ramp Volume, V_R: 45	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 70.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	834	0.82	Level	22	0	0.901	0.95	1188
Ramp	45	0.80	Level	5	0	0.976	0.95	61
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1188 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1249	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1249	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 12.6 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.276 (Exibit 13-11)

S_R = 62.3 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.3 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	3E) West Billings Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	121	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	834	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	1846	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	834	0.82	Level	22	0	0.901	0.95	1188
Ramp	1846	0.82	Level	3	0	0.985	0.95	2405
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F(P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1188 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1188	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	-1217	Exhibit 13-8	4800	No
V_R	2405	Exhibit 13-10	2200	Yes

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1188	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 13.4 (pc/mi/ln)

LOS = F (Exhibit 13-2)

Speed Determination

D_S = 0.189 (Exhibit 13-12)

S_R= 64.7 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 64.7 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	3G) W Billings On Ramp @ Mullo
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 1500	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 861	V_D = veh/h
	Ramp Volume, V_R: 2092	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 65.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	861	0.82	Level	22	0	0.901	0.95	1227
Ramp	2092	0.80	Level	5	0	0.976	0.95	2821
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1227 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	4048	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	4048	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 26.3 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.349 (Exibit 13-11)

S_R = 60.2 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 60.2 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	4D) South Billings On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A	1200	☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D		☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1621	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	953	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	68.9		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1621	0.96	Level	15	0	0.930	0.95	1911
Ramp	953	0.83	Level	5	0	0.976	1.00	1177
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1911 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	3088	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	3088	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 21.5 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.241 (Exibit 13-11)

S_R = 63.2 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 63.2 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	4E) South Billings Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	165	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1621	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	783	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	68.8		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1621	0.96	Level	15	0	0.930	0.95	1911
Ramp	783	0.85	Level	5	0	0.976	1.00	944
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R = mph (Exhibit 13-11)

S_0 = mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1911 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1911	Exhibit 13-8	4776	No
$V_{FO} = V_F - V_R$	967	Exhibit 13-8	4776	No
V_R	944	Exhibit 13-10	4400	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1911	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 4.2 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

D_s = 0.058 (Exhibit 13-12)

S_R = 67.2 mph (Exhibit 13-12)

S_0 = N/A mph (Exhibit 13-12)

S = 67.2 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	5D) 27th Street On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 713	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1966	V_D = veh/h
	Ramp Volume, V_R: 455	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 67.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1966	0.93	Level	15	0	0.930	1.00	2273
Ramp	455	0.70	Level	10	0	0.952	1.00	683
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F(P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 2273 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2956	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2956	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 23.7 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.300 (Exibit 13-11)

S_R = 61.6 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 61.6 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	5E) 27th Street Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	150	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1966	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	214	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.3		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1966	0.93	Level	15	0	0.930	1.00	2273
Ramp	214	0.77	Level	8	0	0.962	1.00	289
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 2273 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	2273	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1984	Exhibit 13-8	4800	No
V_R	289	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	2273	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 22.4 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

D_s = 0.034 (Exhibit 13-12)

S_R= 69.0 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 69.0 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	6D) Lockwood On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 850	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 2089	V_D = veh/h
	Ramp Volume, V_R: 342	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 67.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	2089	0.95	Level	19	0	0.913	1.00	2408
Ramp	342	0.95	Level	10	0	0.952	1.00	378
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F(P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 2408 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2786	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2786	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 21.7 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.270 (Exibit 13-11)

S_R = 62.4 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.4 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information		Site Information	
Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	6E) Lockwood Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	170	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	2089	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	909	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.4		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	2089	0.95	Level	19	0	0.913	1.00	2408
Ramp	909	0.79	Level	10	0	0.952	1.00	1208
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 2408 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	2408	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1200	Exhibit 13-8	4800	No
V_R	1208	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	2408	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 23.4 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

D_s = 0.116 (Exhibit 13-12)

S_R= 66.8 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 66.8 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	7D) Johnson On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 800	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1689	V_D = veh/h
	Ramp Volume, V_R: 220	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 67.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1689	0.92	Level	16	0	0.926	1.00	1983
Ramp	220	0.93	Level	25	0	0.889	1.00	266
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1983 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2249	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2249	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 17.9 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.251 (Exibit 13-11)

S_R = 63.0 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 63.0 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	7E) Johnson Lane Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	180	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1689	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	538	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.3		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1689	0.92	Level	16	0	0.926	1.00	1983
Ramp	538	0.96	Level	13	0	0.939	1.00	597
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1983 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1983	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1386	Exhibit 13-8	4800	No
V_R	597	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1983	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 19.7 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.062 (Exhibit 13-12)

S_R= 68.3 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 68.3 mph (Exhibit 13-13)

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Appendix 11

Operational LOS
Analysis Sheets

8. Westbound Ramps 2035

RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	A) Laurel On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 1053	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 859	V_D = veh/h
	Ramp Volume, V_R: 101	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 70.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	859	0.92	Level	24	0	0.893	1.00	1046
Ramp	101	0.93	Level	9	0	0.957	1.00	113
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1046 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1159	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1159	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 7.9 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

M_S = 0.186 (Exibit 13-11)

S_R = 64.8 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 64.8 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	B) Laurel Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	250	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	859	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	1090	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	859	0.92	Level	24	0	0.893	1.00	1046
Ramp	1090	0.92	Level	18	0	0.917	1.00	1291
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1046 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1046	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	-245	Exhibit 13-8	4800	No
V_R	1291	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1046	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 11.0 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.089 (Exhibit 13-12)

S_R= 67.5 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 67.5 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	1A) Mossmain On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 720	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1295	V_D = veh/h
	Ramp Volume, V_R: 313	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 70.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1295	0.92	Level	13	0	0.939	1.00	1499
Ramp	313	0.66	Level	5	0	0.976	1.00	486
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1499 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	1985	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	1985	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 16.2 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.249 (Exibit 13-11)

S_R = 63.0 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 63.0 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	1B) Mossmain Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	250	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1295	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	728	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1295	0.92	Level	13	0	0.939	1.00	1499
Ramp	728	0.76	Level	5	0	0.976	1.00	982
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1499 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1499	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	517	Exhibit 13-8	4800	No
V_R	982	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1499	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 14.9 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.061 (Exhibit 13-12)

S_R= 68.3 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 68.3 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	2A) Shiloh On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 648	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1413	V_D = veh/h
	Ramp Volume, V_R: 315	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 67.8	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1413	0.83	Level	14	0	0.935	1.00	1822
Ramp	315	0.54	Level	9	0	0.957	1.00	610
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F(P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1822 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2432	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2432	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.1 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.278 (Exibit 13-11)

S_R = 62.2 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.2 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	2B) Shiloh Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	268	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1413	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	954	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.8		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1413	0.83	Level	14	0	0.935	1.00	1822
Ramp	954	0.82	Level	6	0	0.971	1.00	1198
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1822 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1822	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	624	Exhibit 13-8	4800	No
V_R	1198	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1822	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 17.5 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.109 (Exhibit 13-12)

S_R= 66.9 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 66.9 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	3A) West Billings On Ramp King
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 582	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1319	V_D = veh/h
	Ramp Volume, V_R: 1016	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.7	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1319	0.93	Level	18	0	0.917	0.95	1627
Ramp	1016	0.85	Level	3	0	0.985	1.00	1213
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1627 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2840	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2840	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 23.4 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.308 (Exibit 13-11)

S_R = 61.4 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 61.4 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	3B) West Billings Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	150	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1319	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	1754	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	68.6		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1319	0.93	Level	18	0	0.917	0.95	1627
Ramp	1754	0.85	Level	3	0	0.985	1.00	2094
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1627 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1627	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	-467	Exhibit 13-8	4800	No
V_R	2094	Exhibit 13-10	4400	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1627	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 2.0 (pc/mi/ln)

LOS = A (Exhibit 13-2)

Speed Determination

D_s = 0.180 (Exhibit 13-12)

S_R= 65.0 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 65.0 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	4A) South Billings On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 1500	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1988	V_D = veh/h
	Ramp Volume, V_R: 552	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 67.6	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1988	0.93	Level	14	0	0.935	0.95	2408
Ramp	552	0.80	Level	5	0	0.976	0.95	744
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F(P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 2408 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	3152	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	3152	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.3 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.209 (Exibit 13-11)

S_R = 64.1 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 64.1 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	4B) South Billings Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	200	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1988	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	254	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.6		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1988	0.93	Level	14	0	0.935	0.95	2408
Ramp	254	0.77	Level	6	0	0.971	0.95	358
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 2408 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	2408	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	2050	Exhibit 13-8	4800	No
V_R	358	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	2408	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 23.2 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

D_s = 0.036 (Exhibit 13-12)

S_R= 69.0 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 69.0 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	5A) 27th Street On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 568	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1451	V_D = veh/h
	Ramp Volume, V_R: 331	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.2	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1451	0.85	Level	15	0	0.930	1.00	1835
Ramp	331	0.87	Level	4	0	0.980	1.00	388
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1835 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2223	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2223	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 19.1 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

M_S = 0.280 (Exibit 13-11)

S_R= 62.2 mph (Exhibit 13-11)

S_0= N/A mph (Exhibit 13-11)

S = 62.2 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R= mph (Exhibit 13-12)

S_0= mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	5B) 27th Street Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	250	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1451	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	370	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	68.2		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1451	0.85	Level	15	0	0.930	1.00	1835
Ramp	370	0.68	Level	18	0	0.917	1.00	593
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1835 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1835	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1242	Exhibit 13-8	4800	No
V_R	593	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1835	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 17.8 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.050 (Exhibit 13-12)

S_R= 68.6 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 68.6 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	6A) Lockwood On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 750	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1692	V_D = veh/h
	Ramp Volume, V_R: 367	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1692	0.88	Level	18	0	0.917	1.00	2096
Ramp	367	0.63	Level	18	0	0.917	1.00	635
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 2096 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2731	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2731	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 21.8 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.279 (Exibit 13-11)

S_R = 62.2 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.2 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	6B) Lockwood Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	180	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1692	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	750	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	68.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1692	0.88	Level	18	0	0.917	1.00	2096
Ramp	750	0.88	Level	9	0	0.957	1.00	891
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 2096 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	2096	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1205	Exhibit 13-8	4800	No
V_R	891	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	2096	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 20.7 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

D_s = 0.079 (Exhibit 13-12)

S_R= 67.8 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 67.8 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	7A) Johnson Lane On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 750	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 964	V_D = veh/h
	Ramp Volume, V_R: 1471	
	Freeway Free-Flow Speed, S_{FF}: 69.9	
	Ramp Free-Flow Speed, S_{FR}: 64.9	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	964	0.84	Level	14	0	0.935	1.00	1228
Ramp	1471	0.87	Level	16	0	0.926	1.00	1826
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1228 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	3054	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	3054	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 23.8 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.306 (Exibit 13-11)

S_R = 61.4 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 61.4 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	7B) Johnson Lane Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	170	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	964	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	110	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	69.9		
		Ramp Free-Flow Speed, S_{FR}	64.9		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	964	0.84	Level	14	0	0.935	1.00	1228
Ramp	110	0.70	Level	25	0	0.889	1.00	177
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 1228 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	1228	Exhibit 13-8	4798	No
$V_{FO} = V_F - V_R$	1051	Exhibit 13-8	4798	No
V_R	177	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	1228	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 13.3 (pc/mi/ln)

LOS = B (Exhibit 13-2)

Speed Determination

D_s = 0.055 (Exhibit 13-12)

S_R= 68.4 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 68.4 mph (Exhibit 13-13)

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Appendix 11

Operational LOS
Analysis Sheets

9. Eastbound Mainline Deficiency Years

BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*3) Shiloh to West Billings*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2028*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2154*	veh/h	Peak-Hour Factor, PHF	*0.85*
AADT		veh/day	%Trucks and Buses, P_T	*13*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.939*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*74.8*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*74.8*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1349*	pc/h/ln
S	*73.7*	mph
D = v_p / S	*18.3*	pc/mi/ln
LOS	*C*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*4) W Billings to South Billing*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2031*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2031*	veh/h	Peak-Hour Factor, PHF	*0.90*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*70.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*70.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1277*	pc/h/ln
S	*69.9*	mph
D = v_p / S	*18.3*	pc/mi/ln
LOS	*C*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*5) South Billings to 27th St*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2032*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2106*	veh/h	Peak-Hour Factor, PHF	*0.94*
AADT		veh/day	%Trucks and Buses, P_T	*13*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.939*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*65.5*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*65.5*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1193*	pc/h/ln
S	*65.0*	mph
D = v_p / S	*18.4*	pc/mi/ln
LOS	*C*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Eastbound*
Agency or Company	*DOWL HKM*	From/To	*6) 27th Street to Lockwood*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2023*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2297*	veh/h	Peak-Hour Factor, PHF	*0.91*
AADT		veh/day	%Trucks and Buses, P_T	*14*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.935*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*72.9*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*72.9*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1350*	pc/h/ln
S	*73.6*	mph
D = v_p / S	*18.3*	pc/mi/ln
LOS	*C*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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Appendix 11

Operational LOS
Analysis Sheets

10. Westbound Mainline Deficiency Years

BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*3) Shiloh to West Billings*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2030*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2152*	veh/h	Peak-Hour Factor, PHF	*0.89*
AADT		veh/day	%Trucks and Buses, P_T	*12*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.943*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*70.8*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*70.8*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1282*	pc/h/ln
S	*69.9*	mph
D = v_p / S	*18.3*	pc/mi/ln
LOS	*C*	

Design (N)

Design (N)

Design LOS	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
S	mph
D = v_p / S	pc/mi/ln
Required Number of Lanes, N	

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*4) West Billings to South Bill*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2024*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*1973*	veh/h	Peak-Hour Factor, PHF	*0.90*
AADT		veh/day	%Trucks and Buses, P_T	*17*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*0.95*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.922*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*70.0*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*70.0*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1252*	pc/h/ln
S	*70.0*	mph
D = v_p / S	*17.9*	pc/mi/ln
LOS	*B*	

Design (N)

Design (N)

Design LOS	
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	pc/h/ln
S	mph
D = v_p / S	pc/mi/ln
Required Number of Lanes, N	

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*5) South Billings to 27th St*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2036*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs				
Volume, V	*2106*	veh/h	Peak-Hour Factor, PHF	*0.88*
AADT		veh/day	%Trucks and Buses, P_T	*12*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length	*mi*
			Up/Down %	

Calculate Flow Adjustments			
f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.943*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*71.2*	mph	FFS	*71.2*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)		
Operational (LOS)			Design (N)		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1268*	pc/h/ln	Design LOS		
S	*69.9*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
D = v_p / S	*18.1*	pc/mi/ln	S		mph
LOS	*C*		D = v_p / S		pc/mi/ln
			Required Number of Lanes, N		

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*6) 27th Street to Lockwood*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2036*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2155*	veh/h	Peak-Hour Factor, PHF	*0.87*
AADT		veh/day	%Trucks and Buses, P_T	*18*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.917*

Speed Inputs

Lane Width		ft
Rt-Side Lat. Clearance		ft
Number of Lanes, N	*2*	
Total Ramp Density, TRD		ramps/mi
FFS (measured)	*73.4*	mph
Base free-flow Speed, BFFS		mph

Calc Speed Adj and FFS

f_{LW}		mph
f_{LC}		mph
TRD Adjustment		mph
FFS	*73.4*	mph

LOS and Performance Measures

Operational (LOS)

v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1350*	pc/h/ln
S	*73.6*	mph
D = v_p / S	*18.3*	pc/mi/ln
LOS	*C*	

Design (N)

Design (N)

Design LOS		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
S		mph
D = v_p / S		pc/mi/ln
Required Number of Lanes, N		

Glossary

N - Number of lanes
V - Hourly volume
v_p - Flow rate
LOS - Level of service
S - Speed
D - Density
FFS - Free-flow speed
BFFS - Base free-flow speed
DDHV - Directional design hour volume

Factor Location

E_R - Exhibits 11-10, 11-12
E_T - Exhibits 11-10, 11-11, 11-13
f_p - Page 11-18
LOS, S, FFS, v_p - Exhibits 11-2, 11-3
f_{LW} - Exhibit 11-8
f_{LC} - Exhibit 11-9
TRD - Page 11-11

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
Analyst	*David Stoner*	Highway/Direction of Travel	*Westbound*
Agency or Company	*DOWL HKM*	From/To	*7) Lockwood to Johnson Lane*
Date Performed	*7/11/2011*	Jurisdiction	*Yellowstone County Montana*
Analysis Time Period	*Peak Hour*	Analysis Year	*2031*

Project Description *Billings Area I-90 Corridor Planning Study*

☑ Oper.(LOS) ☐ Des.(N) ☐ Planning Data

Flow Inputs

Volume, V	*2219*	veh/h	Peak-Hour Factor, PHF	*0.88*
AADT		veh/day	%Trucks and Buses, P_T	*15*
Peak-Hr Prop. of AADT, K			%RVs, P_R	*0*
Peak-Hr Direction Prop, D			General Terrain:	*Level*
DDHV = AADT x K x D		veh/h	Grade % Length Up/Down %	*mi*

Calculate Flow Adjustments

f_p	*1.00*	E_R	*1.2*
E_T	*1.5*	$f_{HV} = 1/[1+P_T(E_T - 1) + P_R(E_R - 1)]$	*0.930*

Speed Inputs			Calc Speed Adj and FFS		
Lane Width		ft			
Rt-Side Lat. Clearance		ft	f_{LW}		mph
Number of Lanes, N	*2*		f_{LC}		mph
Total Ramp Density, TRD		ramps/mi	TRD Adjustment		mph
FFS (measured)	*73.6*	mph	FFS	*73.6*	mph
Base free-flow Speed, BFFS		mph			

LOS and Performance Measures			Design (N)		
Operational (LOS)			Design (N)		
v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)	*1355*	pc/h/ln	Design LOS		
S	*73.6*	mph	v_p = (V or DDHV) / (PHF x N x f_{HV} x f_p)		pc/h/ln
D = v_p / S	*18.4*	pc/mi/ln	S		mph
LOS	*C*		D = v_p / S		pc/mi/ln
			Required Number of Lanes, N		

Glossary		Factor Location	
N - Number of lanes	S - Speed	E_R - Exhibits 11-10, 11-12	f_{LW} - Exhibit 11-8
V - Hourly volume	D - Density	E_T - Exhibits 11-10, 11-11, 11-13	f_{LC} - Exhibit 11-9
v_p - Flow rate	FFS - Free-flow speed	f_p - Page 11-18	TRD - Page 11-11
LOS - Level of service	BFFS - Base free-flow speed	LOS, S, FFS, v_p - Exhibits 11-2, 11-3	
DDHV - Directional design hour volume			

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Appendix 11

Operational LOS
Analysis Sheets

11. Eastbound Ramps Deficiency Years

RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	1D) Mossmain On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2033

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 650	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1490	V_D = veh/h
	Ramp Volume, V_R: 141	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 70.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1490	0.73	Level	14	0	0.935	1.00	2184
Ramp	141	0.67	Level	5	0	0.976	1.00	216
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 2184 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2400	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2400	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.0 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.273 (Exibit 13-11)

S_R= 62.4 mph (Exhibit 13-11)

S_0= N/A mph (Exhibit 13-11)

S = 62.4 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R= mph (Exhibit 13-12)

S_0= mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	1E) Mossmain Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2027

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	200	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1403	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	79	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	70.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1403	0.73	Level	14	0	0.935	1.00	2056
Ramp	79	0.58	Level	1	0	0.995	1.00	137
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 2056 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	2056	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1919	Exhibit 13-8	4800	No
V_R	137	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	2056	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 20.1 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

D_s = -0.015 (Exhibit 13-12)

S_R= 70.4 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 70.4 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	2D) Shiloh On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2027

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 1160	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1348	V_D = veh/h
	Ramp Volume, V_R: 791	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 70.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1348	0.82	Level	17	0	0.922	1.00	1784
Ramp	791	0.72	Level	6	0	0.971	1.00	1132
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1784 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2916	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2916	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.4 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.231 (Exibit 13-11)

S_R = 63.5 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 63.5 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	3E) West Billings Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2028

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D: 121	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 669	V_D = veh/h
	Ramp Volume, V_R: 1691	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 70.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	669	0.82	Level	22	0	0.901	0.95	953
Ramp	1691	0.82	Level	3	0	0.985	0.95	2203
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 953 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	953	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	-1250	Exhibit 13-8	4800	No
V_R	2203	Exhibit 13-10	2200	Yes

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	953	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 11.4 (pc/mi/ln)

LOS = F (Exhibit 13-2)

Speed Determination

D_s = 0.171 (Exhibit 13-12)

S_R= 65.2 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 65.2 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	3G) W Billings On Ramp @ Mullo
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2024

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 1500	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 607	V_D = veh/h
	Ramp Volume, V_R: 1756	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 65.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	607	0.82	Level	22	0	0.901	0.95	865
Ramp	1756	0.80	Level	5	0	0.976	0.95	2368
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 865 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	3233	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	3233	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.2 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.225 (Exibit 13-11)

S_R = 63.7 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 63.7 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	4D) South Billings On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2034

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 1200	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1593	V_D = veh/h
	Ramp Volume, V_R: 884	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.9	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1593	0.96	Level	15	0	0.930	0.95	1878
Ramp	884	0.83	Level	5	0	0.976	1.00	1092
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1878 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2970	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2970	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.6 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.232 (Exibit 13-11)

S_R= 63.5 mph (Exhibit 13-11)

S_0= N/A mph (Exhibit 13-11)

S = 63.5 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R= mph (Exhibit 13-12)

S_0= mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	5D) 27th Street On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2027

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 713	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1638	V_D = veh/h
	Ramp Volume, V_R: 407	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 67.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1638	0.93	Level	15	0	0.930	1.00	1893
Ramp	407	0.70	Level	10	0	0.952	1.00	611
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F(P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1893 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2504	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2504	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.3 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.273 (Exibit 13-11)

S_R = 62.4 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.4 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	5E) 27th Street Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2030

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	150	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1754	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	190	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.3		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1754	0.93	Level	15	0	0.930	1.00	2027
Ramp	190	0.77	Level	8	0	0.962	1.00	257
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 2027 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	2027	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1770	Exhibit 13-8	4800	No
V_R	257	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	2027	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 20.3 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

D_S = 0.031 (Exhibit 13-12)

S_R= 69.1 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 69.1 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	6D) Lockwood On Ramp
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2031

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 850	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1943	V_D = veh/h
	Ramp Volume, V_R: 303	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 67.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1943	0.95	Level	19	0	0.913	1.00	2240
Ramp	303	0.95	Level	10	0	0.952	1.00	335
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 2240 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2575	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2575	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.1 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.258 (Exibit 13-11)

S_R = 62.8 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.8 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Eastbound
Agency or Company	DOWL HKM	Junction	6E) Lockwood Off Ramp EB
Date Performed	7/19/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2026

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	170	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1775	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	714	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.4		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1775	0.95	Level	19	0	0.913	1.00	2046
Ramp	714	0.79	Level	10	0	0.952	1.00	949
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 2046 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	2046	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1097	Exhibit 13-8	4800	No
V_R	949	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	2046	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 20.3 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

D_s = 0.092 (Exhibit 13-12)

S_R= 67.4 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 67.4 mph (Exhibit 13-13)

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Appendix 11

Operational LOS
Analysis Sheets

12. Westbound Ramps Deficiency Years

RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	2A) Shiloh On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 648	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1413	V_D = veh/h
	Ramp Volume, V_R: 315	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 67.8	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1413	0.83	Level	14	0	0.935	1.00	1822
Ramp	315	0.54	Level	9	0	0.957	1.00	610
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1822 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2432	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2432	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.1 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.278 (Exibit 13-11)

S_R = 62.2 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.2 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	3A) West Billings On Ramp King
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2027

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 582	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1188	V_D = veh/h
	Ramp Volume, V_R: 771	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.7	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1188	0.93	Level	18	0	0.917	0.95	1466
Ramp	771	0.85	Level	3	0	0.985	1.00	921
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1466 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2387	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2387	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.0 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.283 (Exibit 13-11)

S_R = 62.1 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.1 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	4A) South Billings On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2035

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 1500	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1988	V_D = veh/h
	Ramp Volume, V_R: 552	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 67.6	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1988	0.93	Level	14	0	0.935	0.95	2408
Ramp	552	0.80	Level	5	0	0.976	0.95	744
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 2408 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	3152	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	3152	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.3 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.209 (Exibit 13-11)

S_R = 64.1 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 64.1 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	4B) South Billings Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2028

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	200	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1692	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	217	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	67.6		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1692	0.93	Level	14	0	0.935	0.95	2049
Ramp	217	0.77	Level	6	0	0.971	0.95	306
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 2049 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * $V_{12}/2$ ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	2049	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1743	Exhibit 13-8	4800	No
V_R	306	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	2049	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 20.1 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

D_s = 0.032 (Exhibit 13-12)

S_R= 69.1 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 69.1 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	6A) Lockwood On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2031

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 750	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 1563	V_D = veh/h
	Ramp Volume, V_R: 352	
	Freeway Free-Flow Speed, S_{FF}: 70.0	
	Ramp Free-Flow Speed, S_{FR}: 68.0	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1563	0.88	Level	18	0	0.917	1.00	1936
Ramp	352	0.63	Level	18	0	0.917	1.00	609
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1936 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2545	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2545	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.3 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.269 (Exibit 13-11)

S_R = 62.5 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.5 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	6B) Lockwood Off Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2034

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Number of Lanes, N	2	Downstream Adj Ramp	
☐ Yes	☐ On	Acceleration Lane Length, L_A		☐ Yes	☐ On
☑ No	☐ Off	Deceleration Lane Length L_D	180	☑ No	☐ Off
L_{up} =	ft	Freeway Volume, V_F	1659	L_{down} =	ft
V_u =	veh/h	Ramp Volume, V_R	734	V_D =	veh/h
		Freeway Free-Flow Speed, S_{FF}	70.0		
		Ramp Free-Flow Speed, S_{FR}	68.0		

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	1659	0.88	Level	18	0	0.917	1.00	2055
Ramp	734	0.88	Level	9	0	0.957	1.00	872
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = using Equation (Exhibit 13-6)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}		Exhibit 13-8		

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

M_S = (Exibit 13-11)

S_R= mph (Exhibit 13-11)

S_0= mph (Exhibit 13-11)

S = mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = 1.000 using Equation (Exhibit 13-7)

V_{12} = 2055 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F	2055	Exhibit 13-8	4800	No
$V_{FO} = V_F - V_R$	1183	Exhibit 13-8	4800	No
V_R	872	Exhibit 13-10	2200	No

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}	2055	Exhibit 13-8	4400:All	No

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = 20.3 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

D_s = 0.077 (Exhibit 13-12)

S_R= 67.8 mph (Exhibit 13-12)

S_0= N/A mph (Exhibit 13-12)

S = 67.8 mph (Exhibit 13-13)

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RAMPS AND RAMP JUNCTIONS WORKSHEET

General Information / Site Information

Analyst	David Stoner	Freeway/Dir of Travel	Westbound
Agency or Company	DOWL HKM	Junction	7A) Johnson Lane On Ramp
Date Performed	7/20/2011	Jurisdiction	Yellowstone County Montana
Analysis Time Period	Peak Hour	Analysis Year	2027

Project Description Billings Area I-90 Corridor Planning Study

Inputs

Upstream Adj Ramp		Downstream Adj Ramp
☐ Yes ☐ On	Number of Lanes, N: 2	☐ Yes ☐ On
☑ No ☐ Off	Acceleration Lane Length, L_A: 750	☑ No ☐ Off
L_{up} = ft	Deceleration Lane Length L_D:	L_{down} = ft
V_u = veh/h	Freeway Volume, V_F: 842	V_D = veh/h
	Ramp Volume, V_R: 1215	
	Freeway Free-Flow Speed, S_{FF}: 69.9	
	Ramp Free-Flow Speed, S_{FR}: 64.9	

Conversion to pc/h Under Base Conditions

(pc/h)	V (Veh/hr)	PHF	Terrain	%Truck	%Rv	f_{HV}	f_p	$v = V/PHF \times f_{HV} \times f_p$
Freeway	842	0.84	Level	14	0	0.935	1.00	1073
Ramp	1215	0.87	Level	16	0	0.926	1.00	1508
UpStream								
DownStream								

Merge Areas

Estimation of v_{12}

$V_{12} = V_F (P_{FM})$

L_{EQ} = (Equation 13-6 or 13-7)

P_{FM} = 1.000 using Equation (Exhibit 13-6)

V_{12} = 1073 pc/h

V_3 or V_{av34} 0 pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☑ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☑ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_{FO}	2581	Exhibit 13-8		No

Flow Entering Merge Influence Area

	Actual	Max Desirable		Violation?
V_{R12}	2581	Exhibit 13-8	4600:All	No

Level of Service Determination (if not F)

$D_R = 5.475 + 0.00734\, v_R + 0.0078\, V_{12} - 0.00627\, L_A$

D_R = 20.2 (pc/mi/ln)

LOS = C (Exhibit 13-2)

Speed Determination

M_S = 0.275 (Exibit 13-11)

S_R = 62.2 mph (Exhibit 13-11)

S_0 = N/A mph (Exhibit 13-11)

S = 62.2 mph (Exhibit 13-13)

Diverge Areas

Estimation of v_{12}

$V_{12} = V_R + (V_F - V_R)P_{FD}$

L_{EQ} = (Equation 13-12 or 13-13)

P_{FD} = using Equation (Exhibit 13-7)

V_{12} = pc/h

V_3 or V_{av34} pc/h (Equation 13-14 or 13-17)

Is V_3 or V_{av34} > 2,700 pc/h? ☐ Yes ☐ No

Is V_3 or V_{av34} > 1.5 * V_{12}/2 ☐ Yes ☐ No

If Yes, V_{12a} = pc/h (Equation 13-16, 13-18, or 13-19)

Capacity Checks

	Actual	Capacity		LOS F?
V_F		Exhibit 13-8		
$V_{FO} = V_F - V_R$		Exhibit 13-8		
V_R		Exhibit 13-10		

Flow Entering Diverge Influence Area

	Actual	Max Desirable		Violation?
V_{12}		Exhibit 13-8		

Level of Service Determination (if not F)

$D_R = 4.252 + 0.0086\, V_{12} - 0.009\, L_D$

D_R = (pc/mi/ln)

LOS = (Exhibit 13-2)

Speed Determination

D_s = (Exhibit 13-12)

S_R = mph (Exhibit 13-12)

S_0 = mph (Exhibit 13-12)

S = mph (Exhibit 13-13)

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Appendix 11

Operational LOS
Analysis Sheets

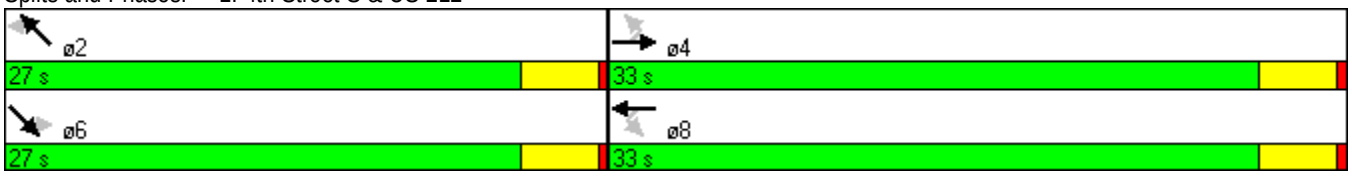
13. Interchange Intersections 2010

Lane Group	EBL	EBT	WBL	WBT	SEL	SET	NWL	NWT
Lane Configurations								
Volume (vph)	39	0	290	51	51	522	5	255
Turn Type	Perm		Perm		Perm		Perm	
Protected Phases		4		8		6		2
Permitted Phases	4		8		6		2	
Detector Phase	4	4	8	8	6	6	2	2
Switch Phase								
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Total Split (s)	33.0	33.0	33.0	33.0	27.0	27.0	27.0	27.0
Total Split (%)	55.0%	55.0%	55.0%	55.0%	45.0%	45.0%	45.0%	45.0%
Yellow Time (s)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
All-Red Time (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lead/Lag								
Lead-Lag Optimize?								
Recall Mode	None	None	None	None	None	None	None	None
Act Effct Green (s)		16.7	16.7	16.7	14.2	14.2	14.2	14.2
Actuated g/C Ratio		0.42	0.42	0.42	0.36	0.36	0.36	0.36
v/c Ratio		0.13	0.57	0.51	0.14	0.50	0.02	0.23
Control Delay		5.8	13.8	3.9	11.6	12.0	10.8	10.2
Queue Delay		0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay		5.8	13.8	3.9	11.6	12.0	10.8	10.2
LOS		A	B	A	B	B	B	B
Approach Delay		5.8		7.9		12.0		10.2
Approach LOS		A		A		B		B

Intersection Summary

Cycle Length: 60
Actuated Cycle Length: 39.8
Natural Cycle: 40
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.57
Intersection Signal Delay: 9.7 Intersection LOS: A
Intersection Capacity Utilization 63.1% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 1: 4th Street S & US 212



Movement	EBL	EBT	EBR	WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWR
Lane Configurations												
Volume (vph)	39	0	28	290	51	384	51	522	56	5	255	15
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Util. Factor		1.00		1.00	1.00		1.00	0.95		1.00	0.95	
Frt		0.94		1.00	0.87		1.00	0.99		1.00	0.99	
Flt Protected		0.97		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		1708		1770	1616		1770	3488		1770	3510	
Flt Permitted		0.73		0.71	1.00		0.57	1.00		0.37	1.00	
Satd. Flow (perm)		1281		1323	1616		1067	3488		686	3510	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	42	0	30	315	55	417	55	567	61	5	277	16
RTOR Reduction (vph)	0	17	0	0	238	0	0	14	0	0	7	0
Lane Group Flow (vph)	0	55	0	315	234	0	55	614	0	5	286	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		4			8			6			2	
Permitted Phases	4			8			6			2		
Actuated Green, G (s)		16.7		16.7	16.7		14.2	14.2		14.2	14.2	
Effective Green, g (s)		16.7		16.7	16.7		14.2	14.2		14.2	14.2	
Actuated g/C Ratio		0.43		0.43	0.43		0.37	0.37		0.37	0.37	
Clearance Time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Vehicle Extension (s)		3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)		550		568	694		389	1273		250	1281	
v/s Ratio Prot					0.14			c0.18			0.08	
v/s Ratio Perm		0.04		c0.24			0.05			0.01		
v/c Ratio		0.10		0.55	0.34		0.14	0.48		0.02	0.22	
Uniform Delay, d1		6.6		8.3	7.4		8.3	9.5		7.9	8.5	
Progression Factor		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		0.1		1.2	0.3		0.2	0.3		0.0	0.1	
Delay (s)		6.7		9.5	7.7		8.4	9.8		7.9	8.6	
Level of Service		A		A	A		A	A		A	A	
Approach Delay (s)		6.7			8.4			9.7			8.6	
Approach LOS		A			A			A			A	

Intersection Summary			
HCM Average Control Delay	8.9	HCM Level of Service	A
HCM Volume to Capacity ratio	0.52		
Actuated Cycle Length (s)	38.9	Sum of lost time (s)	8.0
Intersection Capacity Utilization	63.1%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	SEL	SET	NWT	NWR	SWL	SWR
Lane Configurations						
Volume (veh/h)	267	620	190	159	9	41
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	290	674	207	173	10	45
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						10
Median type		None	None			
Median storage veh)						
Upstream signal (ft)		1314				
pX, platoon unblocked						
vC, conflicting volume	379				1210	190
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	379				1210	190
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	75				93	95
cM capacity (veh/h)	1176				132	820

Direction, Lane #	SE 1	SE 2	SE 3	NW 1	NW 2	SW 1
Volume Total	290	337	337	138	242	54
Volume Left	290	0	0	0	0	10
Volume Right	0	0	0	0	173	45
cSH	1176	1700	1700	1700	1700	732
Volume to Capacity	0.25	0.20	0.20	0.08	0.14	0.07
Queue Length 95th (ft)	24	0	0	0	0	6
Control Delay (s)	9.1	0.0	0.0	0.0	0.0	14.1
Lane LOS	A					B
Approach Delay (s)	2.7			0.0		14.1
Approach LOS						B

Intersection Summary			
Average Delay	2.4		
Intersection Capacity Utilization	38.5%	ICU Level of Service	A
Analysis Period (min)	15		
Description: this is the desc			

HCM Unsignalized Intersection Capacity Analysis
1: Main Street & Interchange Road

8/3/2011

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (veh/h)	31	144	53	35	522	45
Sign Control	Stop			Stop	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Hourly flow rate (vph)	33	155	57	38	561	48
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	1171	0	1318	1147	0	
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1171	0	1318	1147	0	
tC, single (s)	6.5	6.2	7.1	6.5	4.1	
tC, 2 stage (s)						
tF (s)	4.0	3.3	3.5	4.0	2.2	
p0 queue free %	74	86	16	71	65	
cM capacity (veh/h)	126	1085	68	130	1623	

Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	188	95	610
Volume Left	0	57	561
Volume Right	155	0	48
cSH	462	84	1623
Volume to Capacity	0.41	1.13	0.35
Queue Length 95th (ft)	49	167	39
Control Delay (s)	18.0	226.9	8.0
Lane LOS	C	F	A
Approach Delay (s)	18.0	226.9	8.0
Approach LOS	C	F	

Intersection Summary			
Average Delay	33.3		
Intersection Capacity Utilization	62.5%	ICU Level of Service	B
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	0	0	0	30	3	294	167	265	0	0	166	28
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Hourly flow rate (vph)	0	0	0	34	3	330	188	298	0	0	187	31
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type								None			None	
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	1207	875	202	875	891	298	218			298		
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	1207	875	202	875	891	298	218			298		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	100	100	100	86	99	55	86			100		
cM capacity (veh/h)	79	248	839	241	243	742	1352			1264		

Direction, Lane #	WB 1	NB 1	SB 1
Volume Total	367	485	218
Volume Left	34	188	0
Volume Right	330	0	31
cSH	613	1352	1700
Volume to Capacity	0.60	0.14	0.13
Queue Length 95th (ft)	99	12	0
Control Delay (s)	19.3	4.0	0.0
Lane LOS	C	A	
Approach Delay (s)	19.3	4.0	0.0
Approach LOS	C		

Intersection Summary			
Average Delay	8.4		
Intersection Capacity Utilization	69.9%	ICU Level of Service	C
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	21	3	79	0	0	0	0	393	22	69	88	0
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Hourly flow rate (vph)	24	3	91	0	0	0	0	452	25	79	101	0
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type								None			None	
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	724	737	101	817	724	464	101			477		
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	724	737	101	817	724	464	101			477		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	93	99	90	100	100	100	100			93		
cM capacity (veh/h)	322	321	954	250	326	598	1491			1085		

Direction, Lane #	EB 1	NB 1	SB 1
Volume Total	118	477	180
Volume Left	24	0	79
Volume Right	91	25	0
cSH	654	1700	1085
Volume to Capacity	0.18	0.28	0.07
Queue Length 95th (ft)	16	0	6
Control Delay (s)	11.7	0.0	4.1
Lane LOS	B		A
Approach Delay (s)	11.7	0.0	4.1
Approach LOS	B		

Intersection Summary			
Average Delay	2.8		
Intersection Capacity Utilization	51.0%	ICU Level of Service	A
Analysis Period (min)	15		

Intersection Sign configuration not allowed in HCM analysis.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (veh/h)	29	1	136	50	1	388
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Hourly flow rate (vph)	34	1	160	59	1	456
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			35		414	35
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			35		414	35
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			90		100	56
cM capacity (veh/h)			1576		535	1038

Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	35	219	458
Volume Left	0	160	1
Volume Right	1	0	456
cSH	1700	1576	1036
Volume to Capacity	0.02	0.10	0.44
Queue Length 95th (ft)	0	8	58
Control Delay (s)	0.0	5.7	11.2
Lane LOS		A	B
Approach Delay (s)	0.0	5.7	11.2
Approach LOS			B

Intersection Summary			
Average Delay	9.0		
Intersection Capacity Utilization	51.6%	ICU Level of Service	A
Analysis Period (min)	15		

Appendix 11

Operational LOS
Analysis Sheets

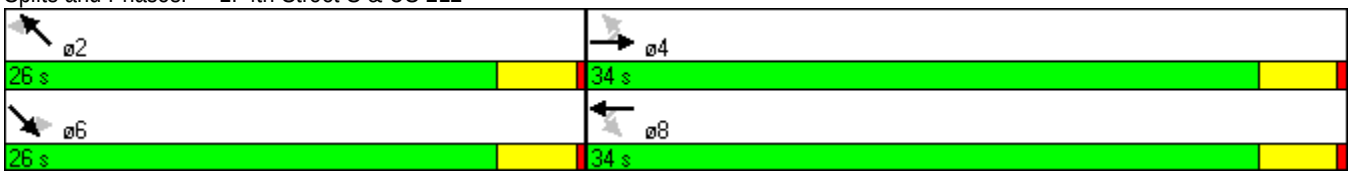
14. Interchange Intersections 2035

Lane Group	EBL	EBT	WBL	WBT	SEL	SET	NWL	NWT
Lane Configurations								
Volume (vph)	41	0	304	53	61	629	6	271
Turn Type	Perm		Perm		Perm		Perm	
Protected Phases		4		8		6		2
Permitted Phases	4		8		6		2	
Detector Phase	4	4	8	8	6	6	2	2
Switch Phase								
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Total Split (s)	34.0	34.0	34.0	34.0	26.0	26.0	26.0	26.0
Total Split (%)	56.7%	56.7%	56.7%	56.7%	43.3%	43.3%	43.3%	43.3%
Yellow Time (s)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
All-Red Time (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lead/Lag								
Lead-Lag Optimize?								
Recall Mode	None	None	None	None	None	None	None	None
Act Effct Green (s)		18.2	18.2	18.2	16.3	16.3	16.3	16.3
Actuated g/C Ratio		0.42	0.42	0.42	0.38	0.38	0.38	0.38
v/c Ratio		0.14	0.60	0.55	0.17	0.57	0.03	0.24
Control Delay		5.9	15.0	4.9	12.4	13.4	11.7	10.6
Queue Delay		0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay		5.9	15.0	4.9	12.4	13.4	11.7	10.6
LOS		A	B	A	B	B	B	B
Approach Delay		5.9		9.0		13.3		10.6
Approach LOS		A		A		B		B

Intersection Summary

Cycle Length: 60
Actuated Cycle Length: 43.3
Natural Cycle: 40
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.60
Intersection Signal Delay: 10.8 Intersection LOS: B
Intersection Capacity Utilization 68.0% ICU Level of Service C
Analysis Period (min) 15

Splits and Phases: 1: 4th Street S & US 212



Movement	EBL	EBT	EBR	WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWR
Lane Configurations												
Volume (vph)	41	0	32	304	53	402	61	629	67	6	271	18
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Util. Factor		1.00		1.00	1.00		1.00	0.95		1.00	0.95	
Frt		0.94		1.00	0.87		1.00	0.99		1.00	0.99	
Flt Protected		0.97		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		1705		1770	1616		1770	3488		1770	3506	
Flt Permitted		0.72		0.70	1.00		0.56	1.00		0.29	1.00	
Satd. Flow (perm)		1268		1313	1616		1044	3488		535	3506	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	45	0	35	330	58	437	66	684	73	7	295	20
RTOR Reduction (vph)	0	20	0	0	221	0	0	13	0	0	8	0
Lane Group Flow (vph)	0	60	0	330	274	0	66	744	0	7	307	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		4			8			6			2	
Permitted Phases	4			8			6			2		
Actuated Green, G (s)		18.2		18.2	18.2		16.3	16.3		16.3	16.3	
Effective Green, g (s)		18.2		18.2	18.2		16.3	16.3		16.3	16.3	
Actuated g/C Ratio		0.43		0.43	0.43		0.38	0.38		0.38	0.38	
Clearance Time (s)		4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Vehicle Extension (s)		3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)		543		562	692		400	1338		205	1345	
v/s Ratio Prot					0.17			c0.21			0.09	
v/s Ratio Perm		0.05		c0.25			0.06			0.01		
v/c Ratio		0.11		0.59	0.40		0.17	0.56		0.03	0.23	
Uniform Delay, d1		7.3		9.3	8.4		8.6	10.3		8.2	8.9	
Progression Factor		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		0.1		1.6	0.4		0.2	0.5		0.1	0.1	
Delay (s)		7.4		10.9	8.7		8.8	10.8		8.3	8.9	
Level of Service		A		B	A		A	B		A	A	
Approach Delay (s)		7.4			9.6			10.6			8.9	
Approach LOS		A			A			B			A	

Intersection Summary			
HCM Average Control Delay	9.8	HCM Level of Service	A
HCM Volume to Capacity ratio	0.57		
Actuated Cycle Length (s)	42.5	Sum of lost time (s)	8.0
Intersection Capacity Utilization	68.0%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	SEL	SET	NWT	NWR	SWL	SWR
Lane Configurations						
Volume (veh/h)	310	721	232	194	13	61
Sign Control		Free	Free		Stop	
Grade		0%	0%		0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	337	784	252	211	14	66
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						10
Median type		None	None			
Median storage veh)						
Upstream signal (ft)		1314				
pX, platoon unblocked						
vC, conflicting volume	463				1423	232
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	463				1423	232
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	69				84	91
cM capacity (veh/h)	1095				88	771

Direction, Lane #	SE 1	SE 2	SE 3	NW 1	NW 2	SW 1
Volume Total	337	392	392	168	295	80
Volume Left	337	0	0	0	0	14
Volume Right	0	0	0	0	211	66
cSH	1095	1700	1700	1700	1700	499
Volume to Capacity	0.31	0.23	0.23	0.10	0.17	0.16
Queue Length 95th (ft)	33	0	0	0	0	14
Control Delay (s)	9.7	0.0	0.0	0.0	0.0	17.8
Lane LOS	A					C
Approach Delay (s)	2.9			0.0		17.8
Approach LOS						C

Intersection Summary			
Average Delay	2.8		
Intersection Capacity Utilization	43.1%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (veh/h)	66	305	77	51	784	68
Sign Control	Stop			Stop	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Hourly flow rate (vph)	71	328	83	55	843	73
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	1759	0	2086	1723	0	
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1759	0	2086	1723	0	
tC, single (s)	6.5	6.2	7.1	6.5	4.1	
tC, 2 stage (s)						
tF (s)	4.0	3.3	3.5	4.0	2.2	
p0 queue free %	0	70	0	0	48	
cM capacity (veh/h)	41	1085	0	43	1623	

Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	399	138	916
Volume Left	0	83	843
Volume Right	328	0	73
cSH	195	0	1623
Volume to Capacity	2.05	Err	0.52
Queue Length 95th (ft)	761	Err	79
Control Delay (s)	528.7	Err	9.2
Lane LOS	F	F	A
Approach Delay (s)	528.7	Err	9.2
Approach LOS	F	F	

Intersection Summary			
Average Delay	Err		
Intersection Capacity Utilization	95.8%	ICU Level of Service	F
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	0	0	0	46	5	449	269	427	0	0	249	42
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Hourly flow rate (vph)	0	0	0	52	6	504	302	480	0	0	280	47
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type								None			None	
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	1895	1388	303	1388	1411	480	327			480		
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	1895	1388	303	1388	1411	480	327			480		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	100	100	100	47	95	14	75			100		
cM capacity (veh/h)	6	108	736	97	104	586	1233			1083		

Direction, Lane #	WB 1	NB 1	SB 1
Volume Total	562	782	327
Volume Left	52	302	0
Volume Right	504	0	47
cSH	389	1233	1700
Volume to Capacity	1.45	0.25	0.19
Queue Length 95th (ft)	723	24	0
Control Delay (s)	241.1	5.3	0.0
Lane LOS	F	A	
Approach Delay (s)	241.1	5.3	0.0
Approach LOS	F		

Intersection Summary			
Average Delay	83.6		
Intersection Capacity Utilization	103.4%	ICU Level of Service	G
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	60	9	224	0	0	0	0	633	35	111	142	0
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Hourly flow rate (vph)	69	10	257	0	0	0	0	728	40	128	163	0
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type								None			None	
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	1166	1186	163	1429	1166	748	163			768		
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	1166	1186	163	1429	1166	748	163			768		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	54	94	71	100	100	100	100			85		
cM capacity (veh/h)	151	160	881	67	165	413	1415			846		

Direction, Lane #	EB 1	NB 1	SB 1
Volume Total	337	768	291
Volume Left	69	0	128
Volume Right	257	40	0
cSH	414	1700	846
Volume to Capacity	0.81	0.45	0.15
Queue Length 95th (ft)	185	0	13
Control Delay (s)	42.0	0.0	5.3
Lane LOS	E		A
Approach Delay (s)	42.0	0.0	5.3
Approach LOS	E		

Intersection Summary			
Average Delay	11.2		
Intersection Capacity Utilization	84.5%	ICU Level of Service	E
Analysis Period (min)	15		

Intersection Sign configuration not allowed in HCM analysis.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Volume (veh/h)	47	2	268	99	2	728
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Hourly flow rate (vph)	55	2	315	116	2	856
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			58		804	56
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			58		804	56
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			80		99	15
cM capacity (veh/h)			1547		281	1010

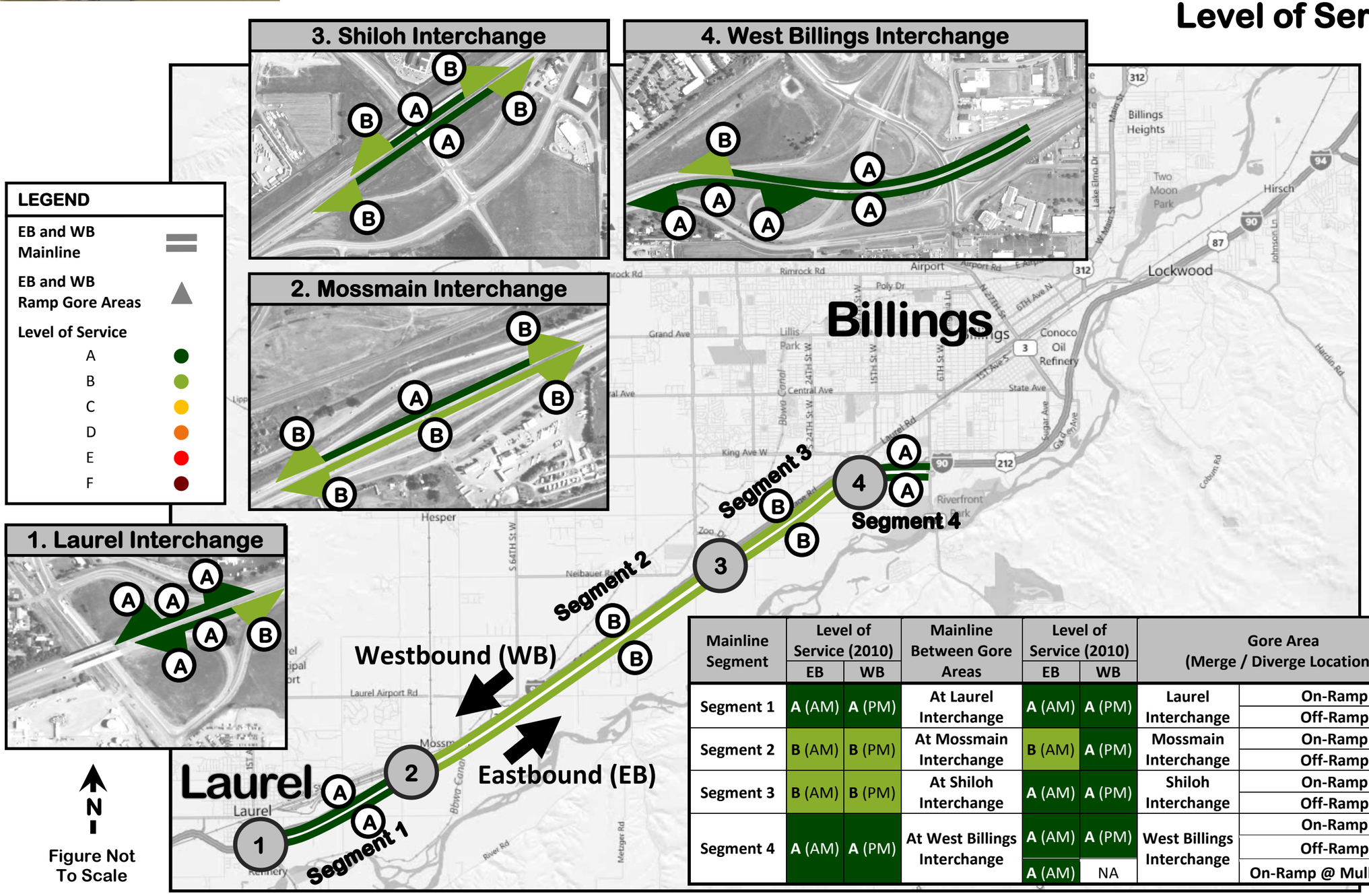
Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	58	432	859
Volume Left	0	315	2
Volume Right	2	0	856
cSH	1700	1547	1003
Volume to Capacity	0.03	0.20	0.86
Queue Length 95th (ft)	0	19	277
Control Delay (s)	0.0	6.3	25.5
Lane LOS		A	D
Approach Delay (s)	0.0	6.3	25.5
Approach LOS			D

Intersection Summary			
Average Delay	18.3		
Intersection Capacity Utilization	86.2%	ICU Level of Service	E
Analysis Period (min)	15		

Appendix 12

Operational Analysis Figures

Level of Service 2010

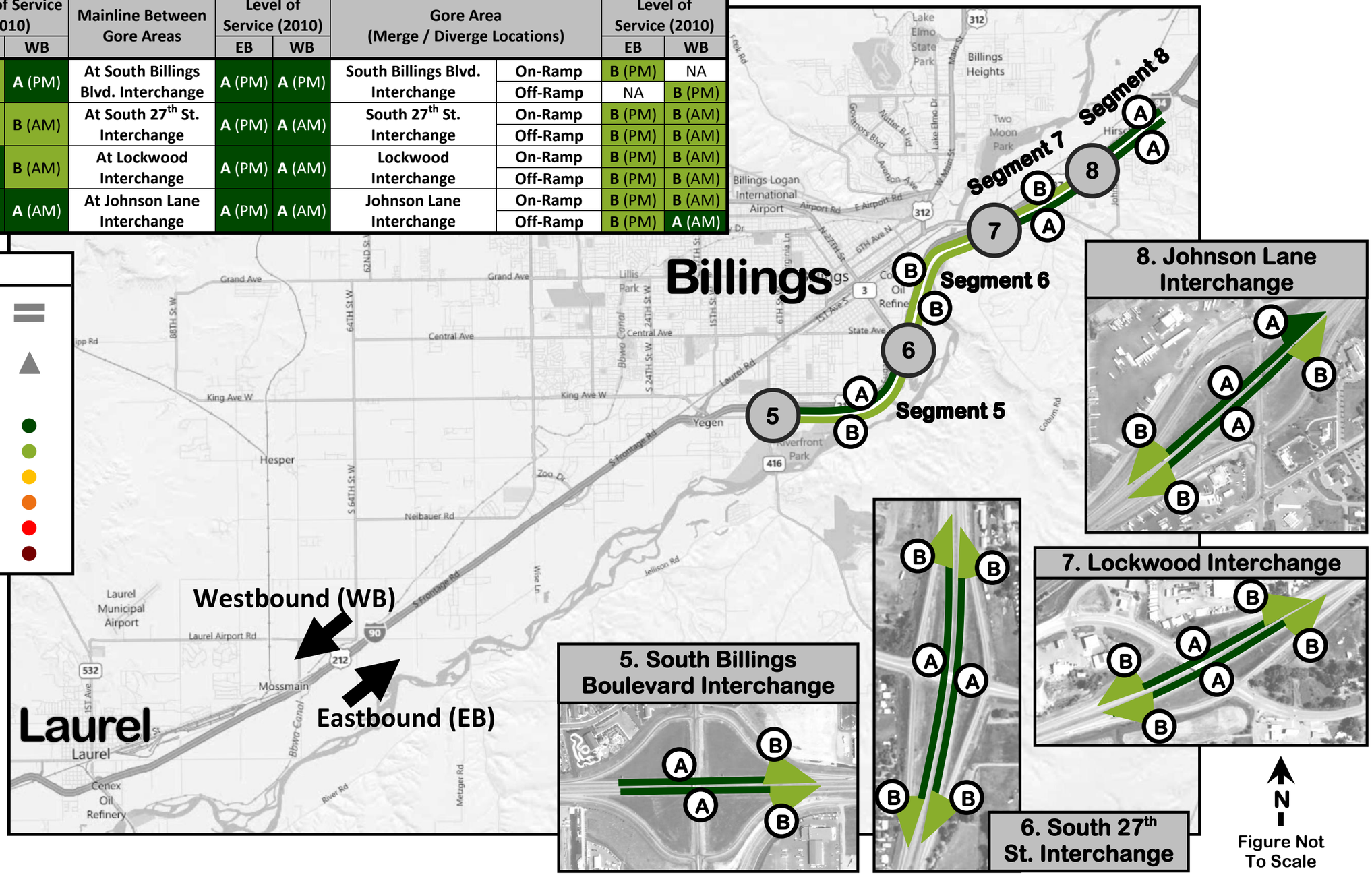


Note: LOS values reported for worst case peak hour.

Mainline Segment	Level of Service (2010)		Mainline Between Gore Areas	Level of Service (2010)		Gore Area (Merge / Diverge Locations)		Level of Service (2010)	
	EB	WB		EB	WB			EB	WB
Segment 1	A (AM)	A (PM)	At Laurel Interchange	A (AM)	A (PM)	Laurel Interchange	On-Ramp	B (AM)	A (PM)
							Off-Ramp	A (AM)	A (PM)
Segment 2	B (AM)	B (PM)	At Mossmain Interchange	B (AM)	A (PM)	Mossmain Interchange	On-Ramp	B (AM)	B (PM)
							Off-Ramp	B (AM)	B (PM)
Segment 3	B (AM)	B (PM)	At Shiloh Interchange	A (AM)	A (PM)	Shiloh Interchange	On-Ramp	B (AM)	B (PM)
							Off-Ramp	B (AM)	B (PM)
Segment 4	A (AM)	A (PM)	At West Billings Interchange	A (AM)	A (PM)	West Billings Interchange	On-Ramp	A (AM)	B (PM)
							Off-Ramp	A (AM)	NA
				A (AM)	NA		On-Ramp @ Mullowney	NA	NA

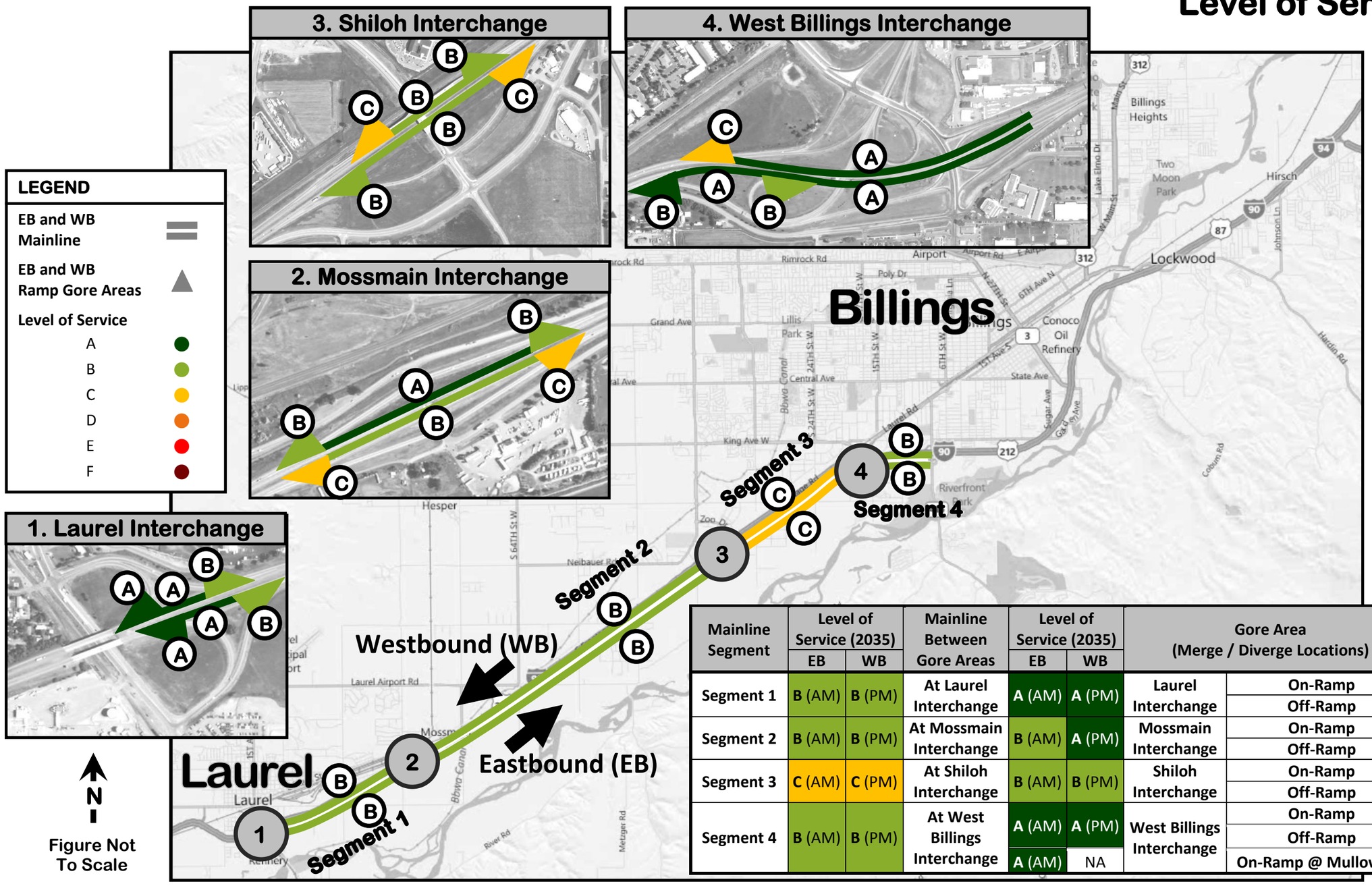
Level of Service 2010

Mainline Segment	Level of Service (2010)		Mainline Between Gore Areas	Level of Service (2010)		Gore Area (Merge / Diverge Locations)		Level of Service (2010)	
	EB	WB		EB	WB			EB	WB
Segment 5	B (PM)	A (PM)	At South Billings Blvd. Interchange	A (PM)	A (PM)	South Billings Blvd. Interchange	On-Ramp	B (PM)	NA
							Off-Ramp	NA	B (PM)
Segment 6	B (PM)	B (AM)	At South 27th St. Interchange	A (PM)	A (AM)	South 27th St. Interchange	On-Ramp	B (PM)	B (AM)
							Off-Ramp	B (PM)	B (AM)
Segment 7	A (PM)	B (AM)	At Lockwood Interchange	A (PM)	A (AM)	Lockwood Interchange	On-Ramp	B (PM)	B (AM)
							Off-Ramp	B (PM)	B (AM)
Segment 8	A (PM)	A (AM)	At Johnson Lane Interchange	A (PM)	A (AM)	Johnson Lane Interchange	On-Ramp	B (PM)	B (AM)
							Off-Ramp	B (PM)	A (AM)



Note: LOS values reported for worst case peak hour.

Level of Service 2035

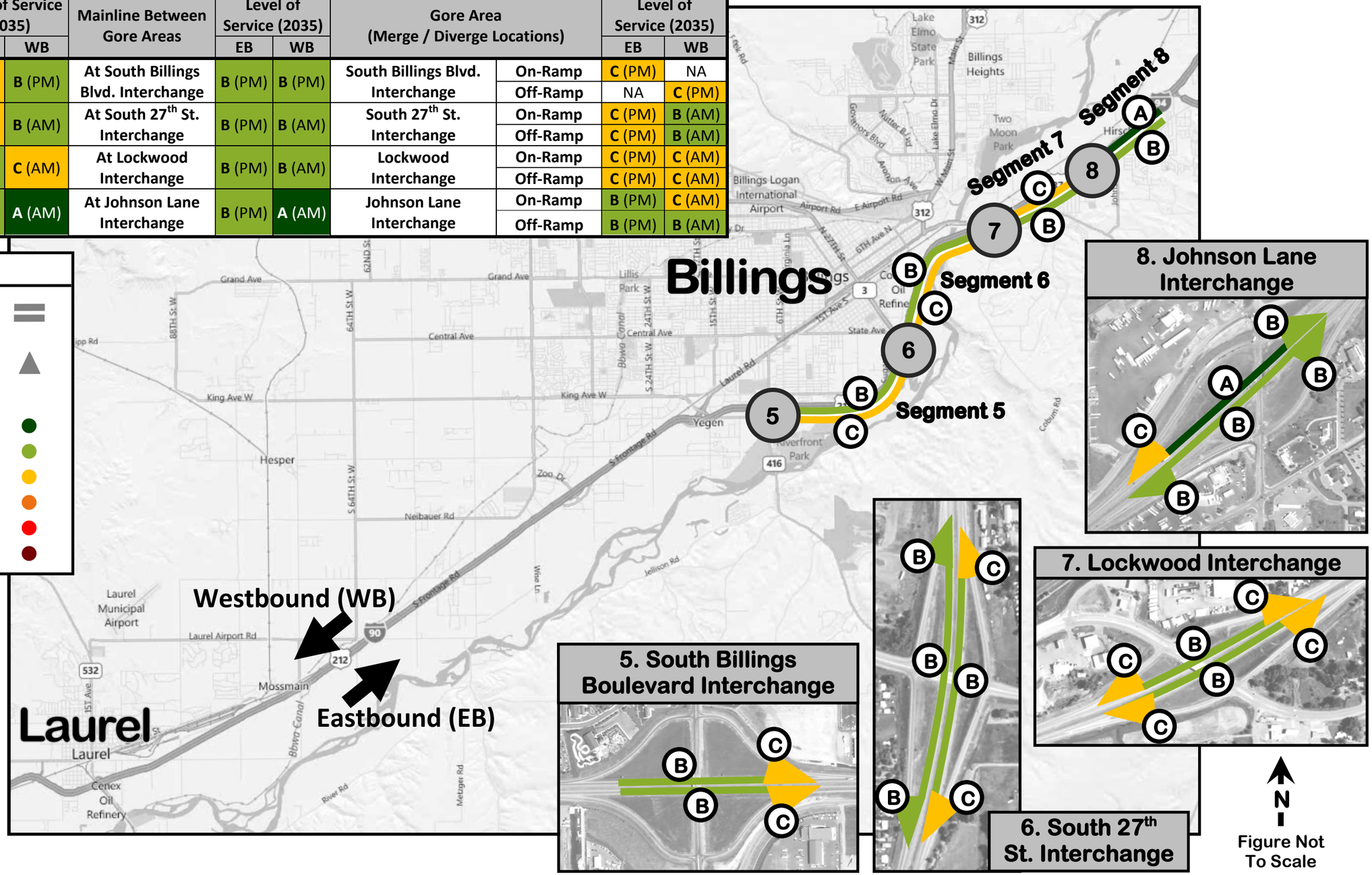


Note: LOS values reported for worst case peak hour.

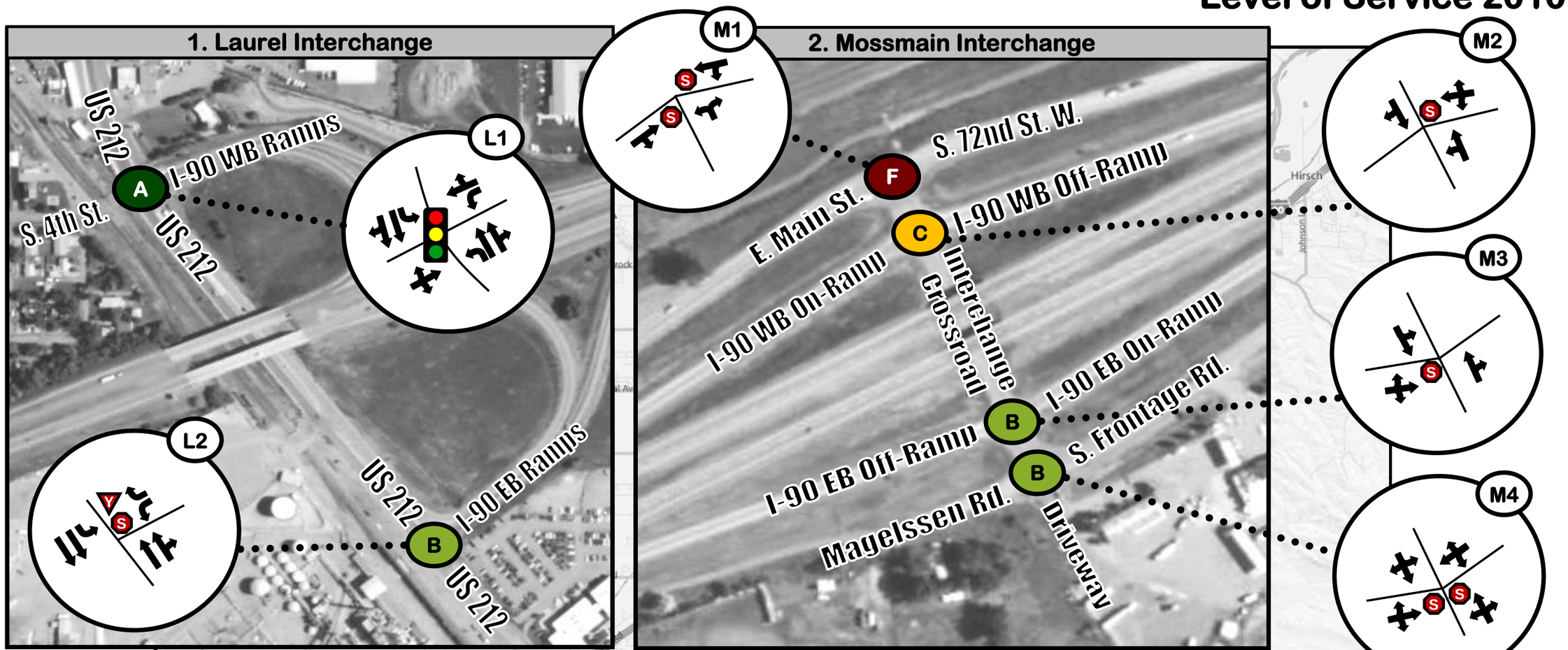
Mainline Segment	Level of Service (2035) EB	Level of Service (2035) WB	Mainline Between Gore Areas	Level of Service (2035) EB	Level of Service (2035) WB	Gore Area (Merge / Diverge Locations)		Level of Service (2035) EB	Level of Service (2035) WB
Segment 1	B (AM)	B (PM)	At Laurel Interchange	A (AM)	A (PM)	Laurel Interchange	On-Ramp	B (AM)	A (PM)
							Off-Ramp	A (AM)	B (PM)
Segment 2	B (AM)	B (PM)	At Mossmain Interchange	B (AM)	A (PM)	Mossmain Interchange	On-Ramp	C (AM)	B (PM)
							Off-Ramp	C (AM)	B (PM)
Segment 3	C (AM)	C (PM)	At Shiloh Interchange	B (AM)	B (PM)	Shiloh Interchange	On-Ramp	C (AM)	C(PM)
							Off-Ramp	B (AM)	B(PM)
Segment 4	B (AM)	B (PM)	At West Billings Interchange	A (AM)	A (PM)	West Billings Interchange	On-Ramp	B (AM)	C(PM)
							Off-Ramp	B (AM)	NA
				A (AM)	NA		On-Ramp @ Mullowney	NA	NA

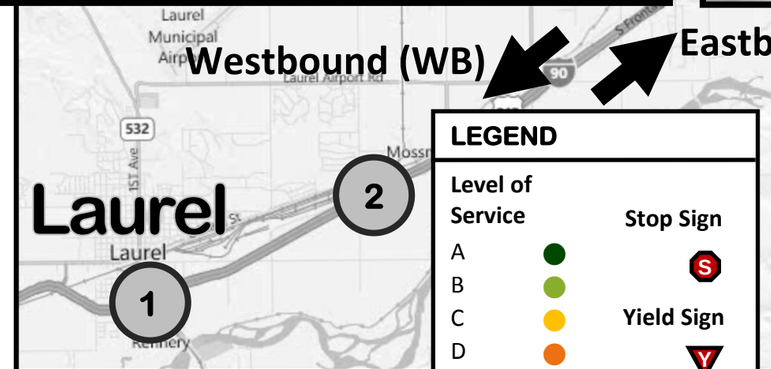
Level of Service 2035

Mainline Segment	Level of Service (2035)		Mainline Between Gore Areas	Level of Service (2035)		Gore Area (Merge / Diverge Locations)		Level of Service (2035)	
	EB	WB		EB	WB			EB	WB
Segment 5	C (PM)	B (PM)	At South Billings Blvd. Interchange	B (PM)	B (PM)	South Billings Blvd. Interchange	On-Ramp	C (PM)	NA
							Off-Ramp	NA	C (PM)
Segment 6	C (PM)	B (AM)	At South 27th St. Interchange	B (PM)	B (AM)	South 27th St. Interchange	On-Ramp	C (PM)	B (AM)
							Off-Ramp	C (PM)	B (AM)
Segment 7	B (PM)	C (AM)	At Lockwood Interchange	B (PM)	B (AM)	Lockwood Interchange	On-Ramp	C (PM)	C (AM)
							Off-Ramp	C (PM)	C (AM)
Segment 8	B (PM)	A (AM)	At Johnson Lane Interchange	B (PM)	A (AM)	Johnson Lane Interchange	On-Ramp	B (PM)	C (AM)
							Off-Ramp	B (PM)	B (AM)



Level of Service 2010





N

Figure Not To Scale

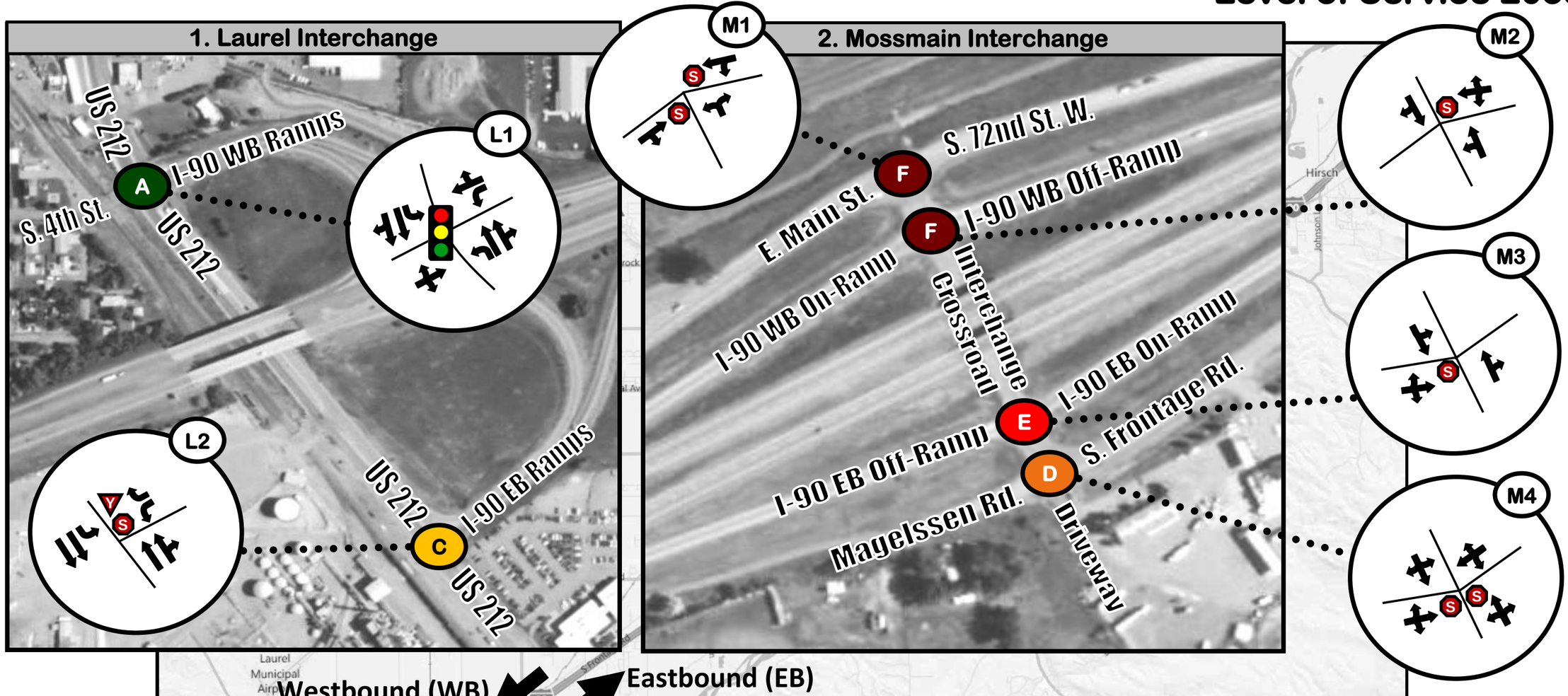
LEGEND

Level of Service		Stop Sign
A		
B		Yield Sign
C		
D		
E		
F		

Intersection Number	Intersection	Control Type	Delay (sec/veh)	Volume to Capacity Ratio	Level of Service 2010
L1	S. 4th Street / WB I-90 Ramps / US 212	Signalized	8.9	0.52	A (PM)
L2	I-90 EB Ramps / US 212	Stop Controlled	14.1	NA	B (PM)
M1	E. Main Street / S. 72nd Street West / Interchange Crossroad		226.9		F (PM)
M2	I-90 WB Ramps / Interchange Crossroad		19.3		C (PM)
M3	I-90 EB Ramps / Interchange Crossroad		11.7		B (PM)
M4	Magelssen Road / S. Frontage Road / Interchange Crossroad		11.2		B (PM)

Note: LOS values reported for worst case peak hour. For signalized intersection, intersection delay is reported. For stop-controlled intersections, delay is reported for worst approach.

Level of Service 2035



N

Figure Not To Scale

LEGEND

Level of Service: A, B, C, D, E, F

Stop Sign

Yield Sign

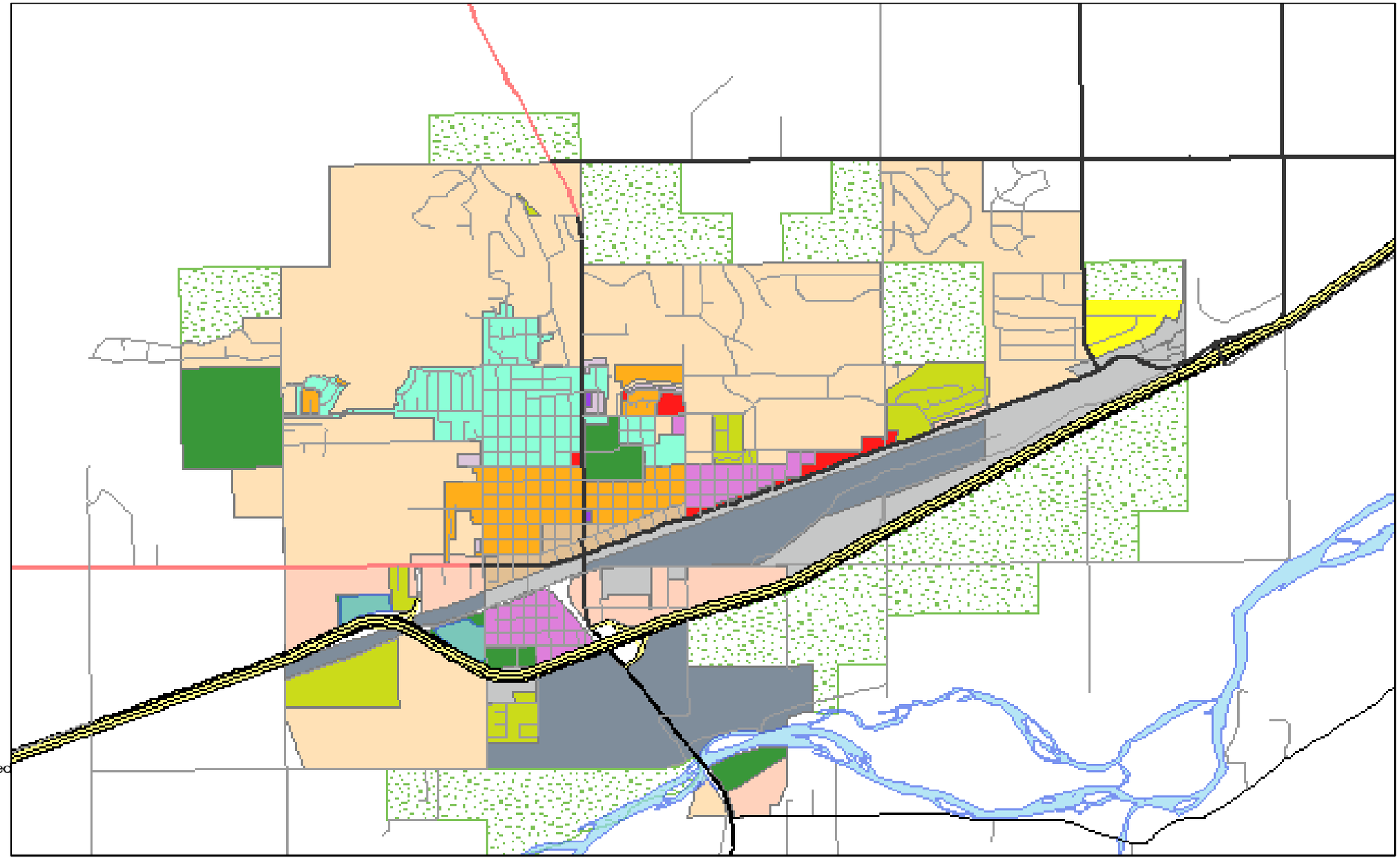
Intersection Number	Intersection	Control Type	Delay (sec/veh)	Volume to Capacity Ratio	Level of Service 2010
L1	S. 4th Street / WB I-90 Ramps / US 212	Signalized	9.8	0.57	A (PM)
L2	I-90 EB Ramps / US 212	Stop Controlled	17.8	NA	C (PM)
M1	E. Main Street / S. 72nd Street West / Interchange Crossroad		Overflow*		F (PM)
M2	I-90 WB Ramps / Interchange Crossroad		241.1		F (PM)
M3	I-90 EB Ramps / Interchange Crossroad		42.0		E (PM)
M4	Magelssen Road / S. Frontage Road / Interchange Crossroad		25.5		D (PM)

Note: LOS values reported for worst case peak hour. For signalized intersection, intersection delay is reported. For stop-controlled intersections, delay is reported for worst approach. Overflow condition indicates demand exceeds available capacity.

Appendix 13

Zoning Maps

- Agricultural Open
- Agricultural Suburban
- Central Business District
- Community Commercial
- Controlled Industrial
- Entryway General Commercial
- Entryway Light Commercial
- Entryway Light Industrial
- Entryway Mixed Use
- Highway Commercial
- Heavy Industrial
- Light Industrial
- Medical Corridor Permit
- Neighborhood Commercial
- Public
- Planned Unit Development
- South 27th Street Permit
- Residential 150000
- Residential Tracts
- Residential 5000
- Residential 6000
- Residential 6000 Restricted
- Residential 7000
- Residential 7000 Restricted
- Residential 7500
- Residential 8000
- Residential 9600
- Residential Limited Multi-Family
- Residential Multi-Family
- Residential Mulit-Family Restricted
- Residential Manufactured Home
- Residential Professional
- Residential Suburban



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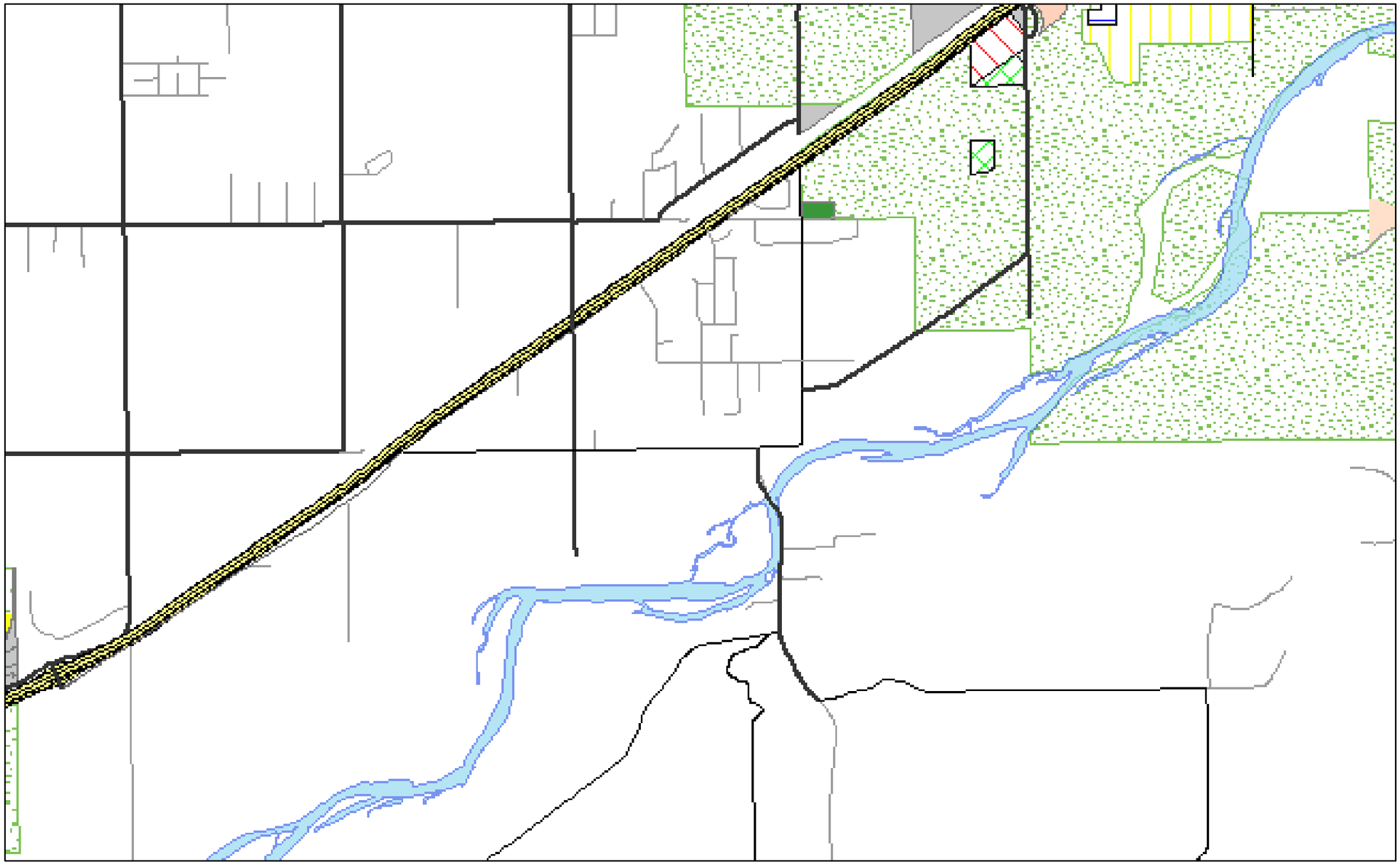

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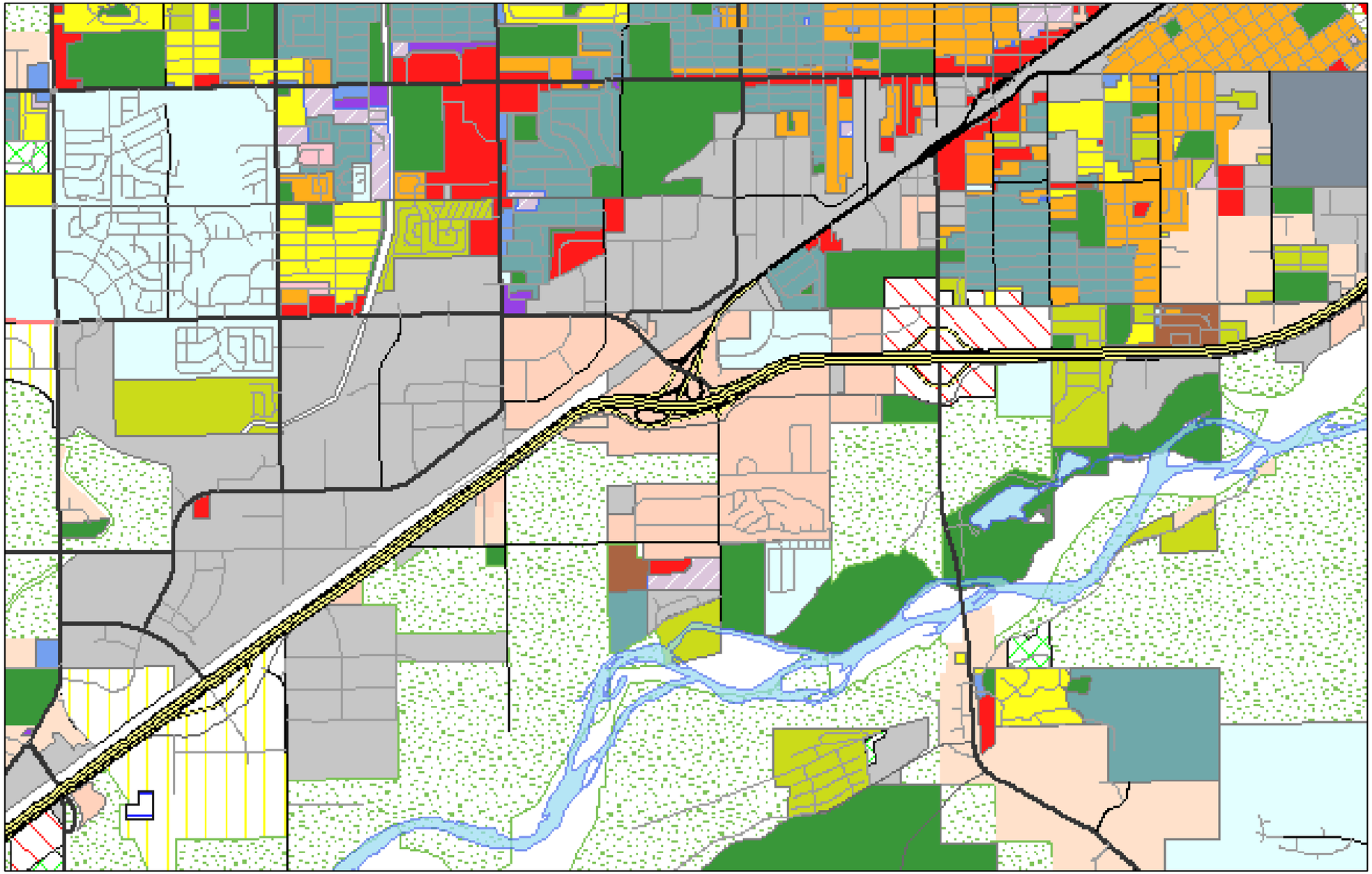

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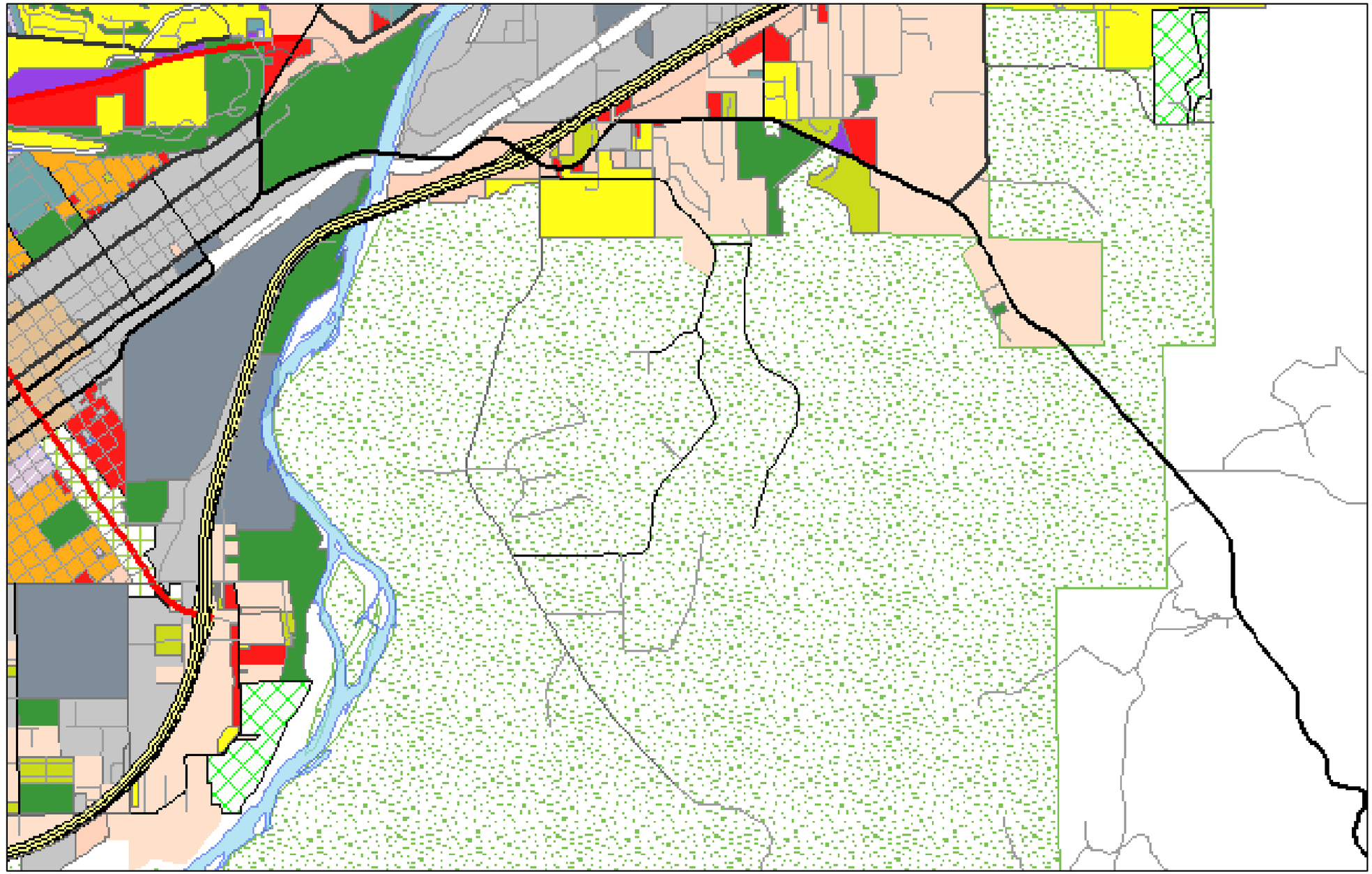
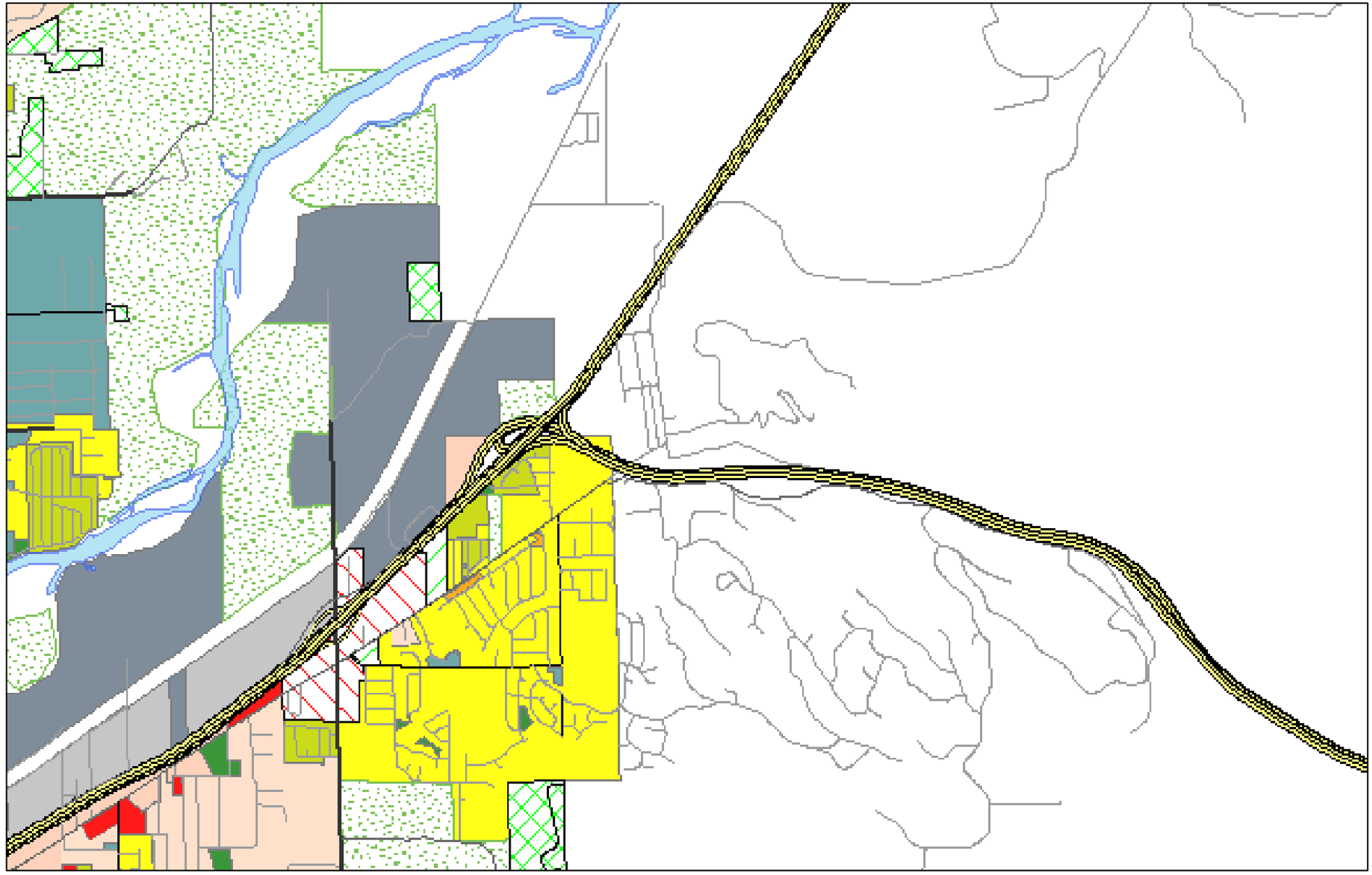
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