

Transportation Acronym Guide



Montana Department of Transportation
Rail, Transit and Planning Division
July 2007

Introduction

The Montana Department of Transportation (MDT) developed this guide to help Montana citizens decipher the confusing and seemingly endless acronyms associated with transportation planning and programs.

MDT will update this guide regularly since new acronyms appear almost daily. MDT's Internet Web site (www.mdt.mt.gov) will always have the most current version. If you would like additional copies of this publication or have suggestions for additional acronyms, call 444-3423 or 800-714-7296. Hearing-impaired individuals can call TTY 800-335-7592 or the Montana Relay at 711.

#

3CsContinuing, Comprehensive, Cooperative
3R.....Restoration, Rehabilitation, and Resurfacing
4R.....3R + Reconstruction

A

AAAAmerican Automobile Association
AADL.....Annual Average Daily Loading
AADT.....Annual Average Daily Traffic
AADTT.....Annual Average Daily Traffic Totals
AADWAnnual Average Days of the Week
AAMA.....American Automobile Manufacturers Association
AAMVA.....American Association of Motor Vehicle Administrators
AAPA.....American Association of Port Authorities
AARAssociation of American Railroads
AASHO.....Former name of AASHTO
AASHTOAmerican Association of State Highway and Transportation Officials
AAWDTAnnual Average Weekday Traffic
AAWET.....Annual Average Weekend Traffic
ABA.....American Bus Association
ABS.....Antilock Braking System
ACAdvisory Circular
ACAlcohol Concentration
ACAsphalt Concrete
ACC.....Adaptive Cruise Control
ACEC.....American Consulting Engineers Council
ACIAutomatic Cargo Identification
ACIAmerican Concrete Institute
ACPA.....American Concrete Pavement Association
ACS.....Automatic Clearance Sensing
ACTS.....American Coalition for Traffic Safety Inc.

AD..... Administrative District
ADA..... Americans With Disabilities Act
ADF..... Automatic Direction Finder
ADI..... Automatic Driver Identification
ADIS..... Advanced Driver Information Systems
ADL..... Average Daily Load
ADT..... Average Daily Traffic
AFB..... Air Force Base
AFC..... Automatic Fare Collection
A/FD..... Airport/Facility Directory
AFM..... Aircraft Flight Manual
AFSS..... Automated Flight Service Station
AFV..... Alternative-Fuel Vehicles
AHS..... Automated Highway System
AICP..... American Institute of Certified Planners
AIM..... Aeronautical Information Manual
AIP..... Airport Improvement Program
AIRMET..... Airmen’s Meteorological Information
ALAPCO..... Association of Local Air Pollution Control Officials
ALF..... Accelerated Loading Facility
ALS..... Approach Light Systems
AMA..... American Motorcyclist Association
AMAA..... Association of Montana Aerial Applicators
AMFA..... Alternative Motor Fuels Act (1988)
AMPD..... Average Miles Driven per Day
AMPO..... Association of Metropolitan Planning Organizations
AMRL..... AASHTO Materials Reference Lab
AMSL..... Above Mean Sea Level
AMTRAK..... National Railroad Passenger Corporation
ANPRM..... Advanced Notice of Proposed Rulemaking
ANSI..... American National Standards Institute
AOA..... Agency on Aging
AOPA..... Aircraft Owners and Pilots Association
AOPL..... Association of Oil Pipelines
AP..... Autopilot System
APC..... Automated Passenger Counting

APCAAmerican Portland Cement Alliance
 API.....American Petroleum Institute
 APTAccelerated Pavement Testing
 APTA.....American Public Transit Association
 APTS.....Advanced Public Transportation Systems
 APWAAmerican Public Works Association
 ARAN.....Automatic Road Analyzer
 ARI.....Average Ride Index
 ARMAdministrative Rules of Montana
 ARSAAirport Radar Service Area
 ART.....Applied Research and Technology
 ARTBAAmerican Road and Transportation Builders Association
 ARTCC.....Air Route Traffic Control Center
 ARTSAdvanced Rural Transportation System
 ASCEAmerican Society of Civil Engineers
 ASOSAutomated Surface Observing System
 ASTM.....American Society for Testing and Materials
 ATA.....American Trucking Associations
 ATB.....Asphalt Treated Base
 ATC.....Air Traffic Control
 ATC.....Automated Toll Collection
 ATCTAirport Traffic Control Tower
 ATIS.....Advanced Traveler Information Systems
 ATIS.....Automatic Terminal Information Service
 ATMS.....Advanced Traffic Management Systems
 ATR.....Automatic Traffic Recorder
 ATS.....American Travel Survey (BTS/Census)
 ATSACAutomated Traffic Surveillance and Control System (LA)
 ATSSAAmerican Traffic Safety Services Association
 ATV.....All-Terrain Vehicle
 AVC.....Automatic Vehicle Classification
 AVCGAdvanced Vehicle Control/Guidance
 AVCI.....Automatic Vehicle and Cargo Identification
 AVCSAdvanced Vehicle Control Systems
 AVI.....Automatic Vehicle Identification
 AVL.....Automatic Vehicle Location

AVLS..... Automatic Vehicle Location System
AVM..... Automatic Vehicle Monitoring
AVMT Annual Vehicle Miles of Travel
AVO Average Vehicle Occupancy
AVR Average Vehicle Ridership
AVW Automatic Vehicle Weighing
AWOS..... Automated Weather Observing System

B

BAC..... Blood Alcohol Content/Concentration
BAMS..... Bid Analysis Management System
BC Back Course
BEA Bureau of Economic Analysis
BIA Bureau of Indian Affairs
BKWY..... Breakaway
BLCR..... Bridge Load Capacity Rating
BLM Bureau of Land Management
BLS Bureau of Labor Statistics
BMCS..... Bureau of Motor Carrier Safety
BMP Best Management Practices (erosion control)
BMS Bridge Management System
BNSF Burlington Northern Santa Fe
BOL..... Bill of Lading
BPR..... Bureau of Public Roads
BR..... Bridge Replacement and Rehabilitation Program
(federal funds)
BST Bituminous Surface Treated
BTS Bureau of Transportation Statistics
BWIM..... Bridge Weigh-in-Motion

C

CA Cooperative Agreement

CAAClean Air Act
 CAAAClean Air Act Amendments of 1990
 CADComputer-Aided Dispatching
 CADDComputer-Aided Drafting and Design
 CADRECritical Automated Data Reporting Elements (NHTSA)
 CAFECorporate Average Fuel Efficiency
 CAOChief Administrative Officer
 CAPCivil Air Patrol
 CAPCorrugated Aluminum Pipe
 CARBCalifornia Air Resources Board
 CARDCrash Avoidance Research Data (NHTSA)
 CatExCategorical Exclusion
 C/BCost-Benefit
 CBDCentral Business District
 CBIComputer-Based Instruction
 CCDCharge-Coupled Device (optical-electrical sensor)
 CCIRConsultative Committee for International Radio
 CCTComputer Compatible Tape
 CDICourse Deviation Indicator
 CDLCommercial Driver's License
 CDOCrescent Demonstration Operator
 CDPCensus Designated Place
 CD-ROMCompact Disk—Read-Only Memory
 CEConstruction Engineering
 CERFCivil Engineering Research Foundation (ASCE)
 CERLConstruction Engineering Research Laboratory (COE)
 CFCChlorofluorocarbon
 CFDACatalog of Federal Domestic Assistance
 CFFClean Fuel Fleet
 CFOChief Financial Officer
 CFRCode of Federal Regulations
 CFSCommodity Flow Survey (= CTS)
 CGCoordinating Group
 CHRISChemical Hazard Response Information System
 CICongestion Index
 CIHCompensated Intercorporate Hauling

CIM.....Classification-in-Motion
 CIMA.....Construction Industry Manufacturers Association
 CIP.....Capital Investment Plan
 CL.....Carload
 CLC.....Concentrated Load Capacity
 CLF.....Conservation Law Foundation
 C/M.....Climate/Materials
 CMAQ.....Congestion Mitigation and Air Quality Improvement
 CMP.....Congestion Management Program
 CMP.....Corrugated Metal Pipe
 CMS.....Changeable Message Sign
 CMS.....Construction Management System
 CMSA.....Consolidated Metropolitan Statistical Area
 CMV.....Commercial Motor Vehicle
 CN.....Construction
 CNG.....Compressed Natural Gas
 CNTS.....Center for National Truck Statistics (UMTRI)
 CO.....Carbon Monoxide
 COA.....Council on Aging
 COE.....Corps of Engineers (U.S. Army)
 COFC.....Container-on-Flatcar
 COG.....Council of Government
 CoMS.....Congestion Management System
 COTS.....Commercial off-the-Shelf
 CP.....Cathodic Protection
 CGPA.....Council of Governor’s Policy Advisors
 CPS.....Child Passenger Safety
 CR.....Civil Rights
 CRASH.....Citizens for Reliable and Safe Highways
 CRC.....Continuously Reinforced Concrete
 CRS.....Computer Reservation System
 CSKT.....Confederated Salish and Kootenai Tribes
 CSO.....Council of Standards Organizations
 CSP.....Corrugated Steel Pipe
 CTAA.....Community Transportation Association of America
 CTAF.....Common Traffic Advisory Frequency

CTCCommunity Transportation Coordinator
 CTEPCommunity Transportation Enhancement Program
 (Montana Program)
 CTIPSComprehensive Transportation Information and Planning
 System
 CTPPCensus Transportation Planning Package
 CTSCommodity Transportation Survey
 CUTACanadian Urban Transit Association
 CUTCCouncil of University Transportation Centers
 CVISCommercial Vehicle Information System
 CVOCommercial Vehicle Operations
 CVSACommercial Vehicle Safety Alliance
 CWIMContinuous Weigh-in-Motion

D

DDepth (slab thickness)
 DADecision Altitude
 DADistrict Administrator
 DBEDisadvantaged Business Enterprise
 DDHVDirectional DHV, vph
 DEALDesign Equivalent Axle Load
 DESALDesign Equivalent Single-Axle Load
 DEQDepartment of Environmental Quality (Montana)
 D-FactorPeak Directional Volume (as percent DHV)
 DFDirection Finder
 DHDecision Height
 DHTMDesign Hour Turning Movements
 DHVDesign Hour Volume = $K * AADT$
 (usually 30th highest hour)
 DIMDimension in Motion
 DIMEDual Incidence Matrix Encoded Files (like TIGER but 1980)
 DINDeutsches Institut fur Normung
 DLDriver Licensing
 DMEDistance Measuring Equipment

DOD.....Department of Defense
DOEDepartment of Energy
DOIDepartment of the Interior
DOR.....Department of Roads
DOTDepartment of Transportation
DP.....Instrument Departure Procedure
DRGS.....Dynamic Route Guidance System
DRLDaytime Running Lights
DRPData Review Package
DUATSDirect User Access Terminal System
DUIDriving Under the Influence
DVKTDaily Vehicle Kilometers of Travel
DVMT.....Daily Vehicle Miles Traveled
DWI.....Driving While Intoxicated

E

EAEnvironmental Assessment
EAAExperimental Aircraft Association
EALEquivalent Axle Load(ing)
EAS.....Essential Air Service
EBL.....Electronic Bill of Lading (or placarding)
EDSElectronic Data Sharing
EFEquivalent Single-Axel Load Factor
EFAS.....En Route Flight Advisory Service
EFTElectronic Funds Transfer
EIAElectronic Industries Association
EIAEnergy Information Administration
EIAEnvironmental Impact Assessment
EIS.....Emergency Information System
EIS.....Environmental Impact Statement
EITEngineer in Training
ELPElectronic License Plate
ELTEmergency Locator Transmitter
EMS.....Equipment Management System

EPAEnvironmental Protection Agency
EPACTNational Energy Policy Act (1992)
EREmergency Relief Program
ERGEmergency Response Guide
ESALEquivalent Single-Axle Load
ETAExpected/Estimated Time of Arrival
ETCElectronic Toll Collection
ETCEnvironmental Training Center
ETDEstimated Time of Departure
ETEEstimated Time En Route
ETGExpert Task Group
ETTMElectronic Toll and Traffic Management
EVElectric Vehicle
EWLEquivalent Wheel Load

F

F&PBFamily and Personal Business Travel
FA.....Area Forecast
FAAFederal Aviation Administration
FAF.....Final Approach Fix
FAI.....Federal-Aid Interstate
FAPFederal-Aid Primary (eliminated by ISTEA)
FARSFatality Analysis Reporting System (NHTSA)
FAUFederal-Aid Urban (eliminated by ISTEA)
FCFunctional Classification
FCCFederal Communications Commission
FDFinancial District
FDC.....Flight Data Center
FEBBSFHWA Electronic Bulletin Board System
FET.....Federal Excise Tax
FFY.....Federal Fiscal Year (October 1 – September 30)
FHForest Highways
FHMRFederal Hazardous Materials Regulations
FHWA.....Federal Highway Administration

FIP..... Federal Implementation Plan
FLHP Forest Lands Highway Program
FMC Federal Maritime Commission
FMC Fleet Management and Control
FMCSA..... Federal Motor Carrier Safety Administration
FMCSR..... Federal Motor Carrier Safety Regulations
FMIS Fiscal Management Information System
FMS Fleet Management System
FMVCP Federal Motor Vehicle Control Program
FOIA Freedom of Information Act
FOIL Federal Outdoor Impact Laboratory
FONSI Finding of No Significant Impact
FPTS Fort Peck Transportation System
FR Federal Register
FRA Federal Railroad Administration
FS Forest Service
FSDO Flight Standards District Office
FSS Flight Service Station
FTA..... Federal Transit Administration (formerly UMTA)
FTE..... Full-Time Equivalent
FTP..... Federal Test Procedure (EPA mpg)
FUT Fuel Use Tax
FWD Falling Weight Deflectometer
FY..... Fiscal Year

G

GA General Aviation
GAO..... General Accounting Office
GATT General Agreement on Tariffs and Trade
GCP..... Ground Control Point
GCW..... Gross Combination Weight
GDP Gross Domestic Product
GDS Geometric Designs Standards
GEO..... Geostationary Satellite

GES.....General Estimates System (NHTSA)
GFTGreat Falls Transit
GIS.....Geographic Information System
GLCTTR.....Great Lakes Center of Truck Transportation Research
GNPGross National Product
GNSSGlobal Navigation Satellite System
GOEGeneral Operating Expenses
GPS.....General Pavement Studies/Sections
GPS.....Global Positioning System
GRF.....Grants for Research Fellowships
GRIDS.....Geographical Roadway Information Display System
GRSGrid Reference System
GRV.....Graveled
GVW.....Gross Vehicle Weight
GVWRGross Vehicle Weight Rating (max weight)

H

HAR.....Highway Advisory Radio
HATHeight Above Touchdown
HATS.....Helena Area Transit System
HAZMAT.....Hazardous Materials
HC.....Hydrocarbons
HCAADTHeavy Commercial AADT
HCASHighway Cost Allocation Study
HCM.....Highway Capacity Manual (TRB)
HD.....Headway Detection
HDDV.....Heavy Duty Diesel Vehicle
HEATHighway Economic Analysis Tool
HEEP.....Highway Engineering Exchange Program
HELP.....Heavy Vehicle Electronic License Plate (Crescent)
HERSHighway Economic Requirements System
HETP.....Highway Engineer Training Program
HFHighway Finance
HGVHeavy Goods Vehicle

HH.....Household
 HIAP.....Highway Investment Analysis Package
 HIRL.....High Intensity Runway Lights
 HITEC.....Highway Innovative Technology Evaluation Center
 HOCHighway Online Claims
 HM.....Hazardous Materials
 HMRHazardous Materials Regulation
 HNDES.....Highway Network Design and Evaluation System
 HOVHigh Occupancy Vehicle
 HPA.....High Priority Area
 HP&R.....Highway Planning and Research
 HPMSHighway Performance Monitoring System
 HPNPA.....High Priority National Program Area
 HPRHighway Planning and Research
 HRDC.....Human Resource Development Council
 HRRHigh Risk Rural Roads
 HSIPHighway Safety Improvement Program
 HSIRSHighway Statistics Information Retrieval System
 HSIS.....Highway Safety Information System
 HSP.....High Speed Photographs
 HSP.....Highway Safety Plan
 HSWIMHigh Speed Weigh-in-Motion
 HTFHighway Trust Fund
 HTFSHighway Traffic Forecasting System
 HTIMS.....Highway Technology Information Management System
 HUDHeads-up Display
 HUF.....Highway Users Federation
 HUFSAMHUF for Safety and Mobility
 HVHeavy Vehicle
 HVM.....Heavy Vehicle Management
 HVUT.....Heavy Vehicle Use Tax
 HYSIM.....Highway (Driving) Simulator
 HzHertz

I.....Interstate
IAFInitial Approach Fix
IAGInteragency Agreement
IANA.....Intermodal Association of North America
I&M.....Inspection and Maintenance
IAPInstrument Approach Procedure
IASIndicated Air Speed
IATAInternational Air Transport Association
IBTTAInternational Bridge, Tunnel and Turnpike Association
ICIncidental Construction
ICAO.....International Civil Aviation Organization
ICAPIndirect Cost Allocation Plan
ICC.....Interstate Commerce Commission (STB)
ICMP.....Interagency Committee on Metric Policy
IDEA.....Innovations Deserving Exploratory Analysis
IEEEInstitute of Electrical and Electronics Engineers, Inc.
IFF.....Intermodal Freight Facility
IFMEInternational Federation of Municipal Engineers
IFRInstrument Flight Rules
IFTA.....International Fuel Tax Agreement
IHSDInteractive Highway Safety Design
IIHS.....Insurance Institute for Highway Safety
ILDInduction Loop Detector
ILSInstrument Landing System
IMInner Marker
IMInterstate Maintenance Program (federal funds)
IMCInstrument Meteorological Conditions
IMCInterstate Motor Carrier
IMOInternational Maritime Organization
IMSIncident Management System
IMSInformation Management System (SHRP = NPDB)
IMSIntermodal Management System
IPWFInternational Public Works Federation

IR IFR Military Training Route
 IR Indian Reservation
 IRF International Road Federation
 IRI International Roughness Index
 IRP International Registration Plan
 IRPTS Intercity and Rural Passenger Transportation Study
 IRR Indian Reservation Roads
 IRR Irrigation
 IRTE Integrated Road Transport Environment
 IS Interstate System
 ISCTA Intermodal Safe Container Transportation Act (1992)
 ISO International Standards Organization
 ISTE A Intermodal Surface Transportation Efficiency Act
 ISWIM Intermediate Speed Weigh-in-Motion
 IT Information Technology
 ITA International Trade Association
 ITE Institute of Transportation Engineers
 ITM Information Technology Manager (General Services Administration)
 ITS Institute of Transportation Studies (University of California–Berkeley)
 ITS Intelligent Transportation System
 ITSA Intelligent Transportation Society of America
 ITSP International Technology Scanning Program
 IUPT International Union of Public Transport
 IVHS Intelligent Vehicle–Highway Systems
 IVS In-Vehicle Signing

J

JARC Job Access/Reverse Commute
 Jct Junction
 JIT Just-in-Time

K

K-Factor.....Peak-Hour Volume (e.g., DHV/ADT)
KgKilogram
kHzKilohertz
KIP(S)Kilopound(s)
KmKilometer
KMPT.....Kilometerpoint
KRA.....Kingpin-to-Rear Axle

L

LAASLocal Area Augmentation System
L&D.....Loss and Damage
LCCALife Cycle Cost Analysis
LCLLess-Than-Container Load
LCSLane Control Signal
LCVLarger/Longer Combination Vehicle
LDP.....Level of Development Plan
LDVS.....Larger Dimensioned Vehicle Study
LEF.....Load Equivalency Factor
LIDAR.....Light Detection and Ranging
LMSLocation and Monitoring Service
LNAV.....Lateral Navigation
LNG.....Liquid Natural Gas
LOC.....Localizer
LOCIDLocation Identifier
LORANLong-Range Navigation
LOSLevel of Service
LOU.....Letters of Understanding
LPGLiquefied Petroleum Gas
LRFALocal Rail Freight Assistance
LRFD.....Load and Resistance Factor Design
LRSLinear Referencing System

LRT..... Light Rail Transit
LS..... Lump Sum
LSF..... Load Safety Factor
LSWIM Low-Speed Weigh in Motion (< 10 mph)
LT Left Turn
LTAP Local Technical Assistance Program
LTL Less Than Truckload
LTPP..... Long-Term Pavement Performance (SHRP)

M

M85 Methanol 85%, Gasoline 15%
MA Metropolitan Area
MA..... Minor Arterial
MAAA Montana Antique Airplane Association
MACI Montana Air and Congestion Initiative
MACO..... Montana Association of Counties
MACRS..... Montana Association of County Road Supervisors
MADT Monthly Average Daily Traffic
MADW..... Monthly Average Days of the Week (Traffic)
MAGLEV..... Magnetic Levitation
MAMA Montana Airport Managers Association
MAP Missed Approach Point
MARAD Maritime Administration
MATA Montana Aviation Trades Association
MAWDT..... Monthly Average Weekday Traffic
MAWET Monthly Average Weekend Traffic
MCA Montana Code Anotated
MCA Montana Contractors' Association
MCARS..... Motor Carrier Accident Reporting System
MCMIS..... Motor Carrier Management Information System
MCR Monthly Classification Ratio
MCREGIS... Motor Carrier Regulation Information System
MCS Motor Carrier Services
MCSAP..... Motor Carrier Safety Assistance Program

MDA.....Minimum Descent Altitude
 MDDMulti-Depth Deflectometers
 MDTMontana Department of Transportation
 MEAMinimum En Route Altitude
 MEPA.....Montana Environmental Policy Act
 METAR.....Aviation Routine Weather Report
 MFFMontana Flying Farmers
 MFRS.....Mileage Facilities Reporting System
 MFSAMontana Major Facilities Siting Act
 MHzMegahertz
 MIRLMedium Intensity Runway Lights
 MIT.....Mobile Inspection Trailer
 ML.....Mainline
 MLSMicrowave Landing System
 MMMiddle Marker
 MMSMaintenance Management System
 MMCA.....Montana Motor Carrier’s Association
 MOA.....Memorandum of Agreement
 MOA.....Military Operations Area
 MOCA.....Minimum Obstruction Clearance Altitude
 MOE.....Measure of Effectiveness
 MOM.....Montana Operating Manual
 MOUMemorandum of Understanding
 MOV.....Multiple-Occupant Vehicle
 MPMilepost
 MPAMontana Pilots’ Association
 MPG.....Miles per Gallon
 MPH.....Miles per Hour
 MPO.....Metropolitan Planning Organization
 MRA.....Minimum Reception Altitude
 MRLMontana Rail Link
 MRM.....Mileage Reference Marker
 MR TMA.....Missoula-Ravalli Transportation Management Association
 MSAMetropolitan Statistical Area
 MSAMinimum Safe Altitude
 MSFMaximum Service Flow Rate, pcphpl

MSLMean Sea Level
MSOManufacturer's Statement of Origin
MSPA.....Montana Seaplane Pilots Association
MSWMaximum Shipping Weight
MTAMontana Transit Association
MTAPMulti-State Technical Assistance Program
MTCMinimum Tolerable Conditions
MTCMontana Transportation Commission
MTMC.....Military Traffic Management Command
MTPMontana Transportation Partnership
MTRMilitary Training Route
MTRMonthly Traffic Ratio
MTRIMontana Tourism and Recreation Initiative
MTT.....Multi-Trailer Truck
MUDMulti-Use Development
MUTCDManual on Uniform Traffic Control Devices
MUTD.....Missoula Urban Transportation District
MVMotor Vehicles
MVMMillion Vehicle Miles
MVMAMotor Vehicle Manufacturers Association
MWR.....Monthly Weight Ratio
MYModel Year

N

NAAQNA.....National Ambient Air Quality Nonattainment Area
NAAQSNational Ambient Air Quality Standards
NACENational Association of County Engineers
NACONational Aeronautical Charting Office
NACONational Association of County Officials
NADANational Automobile Dealers Association
NAE.....National Academy of Engineering
NAFTA.....North American Free Trade Agreement
NAGHSRNational Association of Governors Highway Safety
Representatives

NAPA.....National Asphalt Pavement Association
 NAPCOM.....National Pavement Cost Model
 NARCNational Association of Regional Councils
 NAS.....National Academy of Sciences
 NASA.....National Aeronautics and Space Administration
 NASSNational Accident Sampling System
 NATS.....North American Trucking Survey (AAR)
 NAVAIDNavigational Aid
 NAVSTARNavigation Satellite Timing and Ranging System
 NBI.....National Bridge Inventory
 NCAPNew Car Assessment Program (NHTSA)
 NCEERNational Center for Earthquake Engineering Research
 NCHRP.....National Cooperative Highway Research Program
 NCP.....Nationally Coordinated Program (of highway RD&T)
 NCPDNational Corridor Planning and Development Program
 NCSANational Center for Statistics and Analysis (NHTSA)
 NCSL.....National Conference of State Legislatures
 NC-UTCD ...National Committee on Uniform Traffic Control Devices
 NCUTLONational Committee on Uniform Traffic Laws and
 Ordinances
 NCWMNational Conference on Weights and Measures
 NDBNondirectional Radio Beacon
 NDRNational Drivers Register
 NDT.....Non-Destructive Testing
 NEMA.....National Electrical Manufacturers Association
 NEPA.....National Environmental Policy Act (1969)
 NFDCNational Flight Data Center
 NGANational Governors Association
 NGRS.....National Geodetic Reference System
 NGVNatural Gas Vehicle
 NGVC.....Natural Gas Vehicle Coalition
 NH.....National Highway (federal funds)
 NHI.....National Highway Institute
 NHIPSNational Highway Inventory and Performance Study

NHPN National Highway Planning Network
 NHS National Highway System
 NHTSA National Highway Traffic Safety Administration
 NIMC..... National Incident Management Coalition
 NIMS..... National Information Management System
 (SHRP = NPDB)
 NI-NHS..... Non-Interstate National Highway System
 NITL National Industrial Transportation League
 NITS National Intercity/Intercounty Travel Survey
 NLC..... National League of Cities
 NM..... Nautical Mile
 NMCAC National Motor Carrier Advisory Committee
 NMT Nonmotorized Transport
 NOAA National Oceanic and Atmospheric Administration
 NOTAM Notice to Airmen
 NOX..... Nitrogen Oxides
 NPA..... Nonprecision Approach
 NPDB National Pavement Database (SHRP)
 NPR..... National Performance Review
 NPRM Notice of Proposed Rulemaking
 NPTC..... National Private Truck Council
 NPTS..... Nationwide Personal Transportation Study
 NQI..... National Quality Initiative
 NRC..... National Research Council
 NSB..... National Scenic Byways
 NSBC National Safety Belt Coalition
 NSC..... National Safety Council
 NSDI National Spatial Data Infrastructure
 NSMA..... National Scale Manufacturers Association
 NSPE..... National Society of Professional Engineers
 NTACS..... Nationwide Truck Activity and Commodity Survey
 NTCIP..... National Transportation Communications for ITS Protocol
 NTD..... National Transit Database
 NTDB National Traffic Database (SHRP)

NTIA.....National Telecommunications and Information
Administration
NTIS.....National Technical Information Service
NTP.....National Transportation Policy
NTS.....National Travel Statistics
NTSBNational Transportation Safety Board
NTSC.....National Transportation Systems Center (was TSC)
NTSPSNational Transportation Strategic Planning Study
NTTIS.....National Truck Trip Information Survey
NVF.....New Vehicle Fleet
NVPPNational Vehicle Population Profile (Polk)
NWS.....National Weather Service

O

OALOverall Length (of vehicle)
O&MOperations and Maintenance
OATOutside Air Temperature
OBCOn-Board Computer
OBDOperation Buckle Down
OBS.....Omni-Bearing Selector
OCC.....Operations Control Center
O/D.....Origin/Destination
OEM.....Original Equipment Manufacturer
OFE.....Other Freeway and Expressway
OHIMOffice of Highway Information Management
OHSOffice of Highway Safety
OMOuter Marker
OMB.....Office of Management and Budget
OOIDA.....Owner-Operator Independent Drivers Association
OOSOut of Service
OPOccupant Protection
OPA.....Oil Pollution Act of 1990

OPA.....Other Principal Arterial
OPCOccupant Protection for Children
OPECOrganization for Petroleum Exporting Countries
OPI.....Overall Performance Index
OST.....Office of Secretary of Transportation

P

PTerminal Serviceability
P³.....Performance Programming Process
PAPrecision Approach
PAPrincipal Arterial
P&APlanning and Administration
P&RPlanning and Research
PAPI.....Precision Approach Path Indicator
PAR.....Police Accident Report
PAS.....Principal Arterial System
PATH.....Program on Advanced Technology for the Highway
PC.....Passenger Car
PC.....Personal Computer
PCA.....Portland Cement Association
PCC.....Policy Coordinating Committee
PCC.....Portland Cement Concrete
PCCPPortland Cement Concrete Pavement
PCE.....PC Equivalent
PCI.....Pavement Condition Index
PCPHPassenger Cars per Hour
PCPHPLPassenger Cars per Hour per Lane
PCRPavement Condition Rating
PDCPortable Data Carrier (smart tag)
PEPreliminary Engineering
PEProfessional Engineer
PFR.....Preliminary Field Review

PHFPeak Hour Factor
 PHMSPipelines and Hazardous Materials Safety Administration
 PHS.....Primary Highway System (Montana)
 PIPrincipal Investigator
 PIARC.....Permanent International Association of Road Congresses
 PIERS.....Port Import/Export Report Service
 PI&E.....Public Information and Education
 PIH.....Pan-American Institute of Highways
 PIOPublic Information Officer
 PL.....Metropolitan Planning Funds
 PL.....Performance Level
 PLHPublic Lands Highways
 PMParticulate Matter
 PM-2.5Particulate Matter Under 2.5 microns
 PM-10Particulate Matter Under 10 microns
 PMCGPavement Management Coordinating Group
 PMS.....Pavement Management System
 PMSPlant Mix Surfacing
 PMSA.....Primary Metropolitan Statistical Area
 PMTPerson Miles of Travel
 PNDSPrimary and NI-NHS Data Summary
 PNRPassenger Name Record
 POB.....Persons on Board
 POE.....Port of Entry
 PPAProject Plan Agreement
 PPIProducer Price Index
 PPMS.....Program and Project Management System
 PPMVParts per Million Volumes
 PRPark Roads and Parkways
 PRProcurement Request
 PRM.....Proposed Rulemaking
 PS&EPlans, Specifications and Estimates
 PS/CPrestressed Concrete
 PSIPounds per Square Inch

PSRPavement Serviceability Rating
PSS.....Planning Systems Section
PSUPrimary Sampling Unit
Pt.....Terminal Serviceability Index (asphalt)
PTProcedure Turn
PTC.....Permanent Traffic Counter
PTFPavement Testing Facility
PTMS.....Public Transportation Management System
PTR.....Permanent Traffic Recorder
PTRC.....Planning and Transport Research and Computation
PTWPresent Travel Way
PUDPlanned Unit Development
PvMS.....Pavement Management System
PWIM.....Portable Weigh-in-Motion

R

RAIM.....Receiver Autonomous Integrity Monitoring
R&D.....Research and Development
R&RRestoration and Rehabilitation
RB.....Rigid Body
RCCRescue Coordination Center
RCERadio Control Equipment
RCI.....Roadway Congestion Index
RCORemote Communications Outlet
RCOC.....Regional Coordinating Office Contractor (SHRP)
RCPReinforced Concrete Pipe
RCURoadside Communicator Unit
RD&T.....Research, Development and Technology
RD&T2Research Development and Test Transfer
RDFReliability Design Factor
RDSRadio Data System
RDSS.....Radio Determination Satellite Services

RDTE.....Research, Development, Test and Evaluation
 REILRunway End Identifier Lights
 RFReference Post
 RFG.....Reformulated Gasoline
 RFPRequest for Proposal
 RIMS.....Regional Information Management System (SHRP)
 RIN.....Regulatory Identification Number
 RMIRadio Magnetic Indicator
 RMS.....Road Mix Surfacing
 RMU.....Research Management Unit
 RNAVArea Navigation
 RODRecord of Decision
 ROWRight-of-Way
 RPM.....Revenue Passenger Mile
 RQCSReference Quarter Car Simulation
 RR.....Refuge Roads
 RRI.....Reference Roughness Index
 RSPA.....Research and Special Programs Administration
 RTRight Turn
 RTAPRural Transit Assistance Program
 RTCC.....Research and Technology Coordinating Committee
 RTCGResearch and Technology Coordinating Group
 RTDBRegional Traffic Database (LTPP)
 RTEB.....Research and Technology Executive Board
 RTIRoad Transport Informatics
 RTORRight Turn on Red
 RTPRecreational Trails Program
 RTPRegional Transportation Plan
 RTPC.....Research and Technology Program Committee
 RTRRMResponse Type Road Roughness Meter
 RVIA.....Recreation Vehicle Industry Association
 R/WRight-of-Way
 RWIM.....Roadway Weigh-in-Motion
 RWIS.....Road Weather Information Systems

S

SAC.....	Suburban Activity Center
SAE.....	Society of Automotive Engineers
SAFETEA-LU.....	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SAR.....	Search and Rescue
SAW.....	Surface Acoustic Wave
SBIR.....	Small Business Innovation Research
SCF.....	Standard Cubic Foot
SCM.....	State, County and Municipal
SCOH.....	Standing Committee on Highways (AASHTO)
SCOHT.....	Subcommittee on Highway Transportation
SCOP.....	Standing Committee on Planning (AASHTO)
SCOR.....	Standing Committee on Research
SCORN.....	Standing Committee on Route Naming
SCORT.....	Standing Committee on Rail Transportation
SCP.....	Safety Conscious Planning
SDO.....	Standards Development Organizations
SEB.....	Stateline Entry Beacon
SEE.....	Social, Economic and Environmental factors
SF.....	Service Flow Rate, vph
SFC.....	State Funded Construction
SFL.....	Service Flow Rate per Lane, vphpl
SFR.....	Special Flight Rules
SFY.....	State Fiscal Year
SHA.....	State Highway Agency
SHAWS.....	Safety Hazard Advance Warning System
SHPO.....	State Historical Preservation Officer (Montana)
SHRP.....	Strategic Highway Research Program
SHS.....	Secondary Highway System (Montana)
SHSP.....	State Strategic Highway Safety Planning
SHV.....	Specialized Hauling Vehicle

SIAP.....Standard Instrument Approach Procedure
 SIAP.....System Impact Action Process
 SIDStandard Instrument Departure
 SIGMETSignificant Meteorological Information
 SIP.....State Implementation Plan
 SLSDC.....Saint Lawrence Seaway Development Corporation
 SM.....Statute Mile
 SMARTState and Metropolitan Analyses of Regional
 Transportation
 SMSSafety Management System
 SMSSpace Mean Speed (harmonic average)
 SN.....Asphalt strength
 SN.....Structural Number
 SNPRMSupplemental Notice of Proposed Rule Making
 SOP.....State of the Practice
 SOV.....Single Occupancy Vehicle
 SOW.....Scope of Work
 SPR.....State Planning and Research
 SPSSpecial Pavement Studies
 SROSite Specific/Related/Other (SHRP code)
 SRTS.....Safe Routes to School
 SSD.....Stopping Sight Distance
 SSO.....Single State Only
 SSPP.....Steel Structural Plate Pipe
 SSPPA.....Steel Structural Plate Pipe Arch
 STAState Transportation Agency
 STAASurface Transportation Assistance Act (1982)
 STAPPA.....State and Territorial Air Pollution Program Administrators
 STAR.....Standard Terminal Arrival Route
 STARS.....State Truck Activities Reporting System
 STBSurface Transportation Board
 STEAM.....Surface Transportation Efficiency Analysis System
 STEPSelective Traffic Enforcement Program
 STIPStatewide Transportation Improvement Program

STP.....Surface Transportation Program (federal funds)
 STPE.....Surface Transportation Program Enhancements
 STPHSSurface Transportation Program Hazard Elimination
 Program
 STPP.....Surface Transportation Policy Project
 STPP.....Surface Transportation Program–Primary
 STPRPSurface Transportation Program Rail/Highway Crossing
 Protective Devices Program
 STPRRSurface Transportation Program Rail/Highway: Elimina-
 tion of Hazard Program
 STPS.....Surface Transportation Program–Secondary
 STPU.....Surface Transportation Program–Urban
 STPX.....Surface Transportation Program for Other Routes (off-
 system)
 STR.....State Trauma Registry
 STRACNET..Strategic Rail Corridor Network
 STRAHNET .Strategic Highway Corridor Network
 STRS.....Strategic Transportation Research Study
 STTSingle-Trailer Truck
 SU.....Single-Unit Truck
 SURTC.....Small Urban and Rural Transit Center
 SVRDSingle-Vehicle Roadway Departure (accident)
 SWIM.....Slow-Speed Weigh-in-Motion

T

T2Technology Transfer
 T&E.....Test and Evaluation
 T-FactorTruck Percent in DHV
 TACTechnical Advisory Committee
 TAC.....Transit Advisory Committee
 TACTransportation Association of Canada
 TACANTactical Air Navigation

TADTraffic Accident Data
 TAPTransportation Awareness Program
 TARTransportation Acquisition Regulation
 TASTrue Air Speed
 TAWSE.....Try Another Way State Employees Group
 TAZ.....Traffic Analysis Zone
 TBD.....To Be Determined
 TCCTransportation Computer Center
 TCCTransportation Coordinating Committee
 TCDHTraffic Control Devices Handbook
 TCH.....Threshold Crossing Height
 TCMTransportation Control Measure
 TCPTentative Construction Plan/Program
 TCPTraffic Control Plan
 TCRP.....Transit Cooperative Research Program
 TCSPTransportation and Community and System Preservation
 Pilot Program
 TDB.....Traffic Database (SHRP)
 TDC.....Travel Data Center
 TDCS.....Traffic Data Collection Section
 TDMTransportation Demand Management
 TEA-21.....Transportation Equity Act for the 21st Century
 TEBATransportation Employees Benefit Association
 TERO.....Tribal Employment Rights Office
 TERO.....Tribal Employment Rights Ordinance
 TFCUTransportation Federal Credit Union
 TFHRCTurner-Fairbank Highway Research Center
 TFT.....Tractor Full-Trailer
 THSTerritorial Highway System
 TIA.....Telecommunications Industries Association
 TIA.....Traffic Impact Analysis
 TIFA.....Trucks Involved in Fatal Accidents (UMTRI)
 TIGER.....Topologically Integrated Geographic Encoding and
 Referencing

TIN.....Traffic Information Network
 TIPTransportation Improvement Program
 TIPTrucking Industry Profile (Polk)
 TISTransportation Information System
 TIUS.....Truck Inventory and Use Survey
 TL.....Truckload
 T/L.....Traffic/Load
 TMATransportation Management Association
 TMC.....Traffic Management Center
 TMDL.....Total Maximum Daily Load
 TMDSTraffic Monitoring Data Software
 TMG.....Traffic Monitoring Guide
 TMS.....Time Mean Speed (arithmetic average)
 TOC.....Traffic Operations Center
 TODTime of Day
 TOFC.....Trailer-on-Flatcar
 TONSTransportation Office Network System
 TRB.....Transportation Research Board (of the NRC)
 TRDFTexas Research and Development Foundation
 TREDTransportation Regional Economic Development
 TREDTheodore Roosevelt Expressway Development
 TRFTransportation Research Forum
 TRI.....Trucking Research Institute (ATA)
 TRIP.....The Road Information Program
 TRIS.....Transportation Research Information Services
 TRO.....Trip Reduction Ordinance
 TRR.....Transportation Research Record
 TRRL.....Transportation Road Research Laboratory
 TRSA.....Terminal Radar Service Area
 TSC.....Transportation Systems Center (Now NTSC)
 TSM.....Transportation System Management
 TSTTractor Semi-Trailer
 TTAPTribal Technical Assistance Program
 TTI.....Texas Transportation Institute

TVT.....Traffic Volume Trends
TWCTwo-Way Communication
TWEB.....Transcribed Weather Broadcast
TWSTruck Weight Study
TWUTransport Workers Union
TYCTraffic Yearly Counts

U

UAUrban/Urbanized Area
UBOAUnited Bus Owners of America
UCUrban Cluster
UCBITS.....University of California–Berkeley Institute of
Transportation Studies
UFCUniform Freight Classification
UHFUltrahigh Frequency
UHPIP.....Urban Highway Pilot Improvement Program
UHS.....Urban Highway System (Montana)
UIIA.....Uniform Intermodal Interchange Agreement
UITP.....International Association of Public Transport
UMTAUrban Mass Transportation Administration (now Federal
Transit Administration)
UMTRIUniversity of Michigan Transportation Research Institute
UPNUniform Project Number
UPWPUnified Planning Work Program
URISA.....Urban and Regional Information Systems Association
USCUnited States Code
USCC.....United States Chamber of Commerce
USCOE.....United States Army Corps of Engineers
USDOTUnited States Department of Transportation
USFSUnited States Forest Service
USFWS.....United States Fish and Wildlife Services
USRA.....U.S. Railway Association

UTC.....Coordinated Universal Time
UTC.....Urban Traffic Control
UTCSUrban Traffic Control System
UTPSUrban Transportation Planning System
UWRUnited We Ride
UZAUrbanized Area

V

VDesign Speed
VHourly volume, vph or vphpl
VANValue Added Network
VASI.....Visual Approach Slope Indicator
V/C.....Volume/Capacity
VDT.....Vehicle Distance Traveled
VE.....Value Engineering
VFR.....Visual Flight Rules
VHDVehicle-Hours of Delay
VHFVery High Frequency
VHT.....Vehicle-Hours of Travel
VIDSVideo Incident Detection System
VINVehicle Identification Number
VIP.....Video Image Processing
VKT.....Vehicle-Kilometers of Travel
VLFVery Low Frequency
VM.....Vehicle-Miles
VMC.....Visual Meteorological Conditions
VMS.....Variable Message Sign
VMT.....Vehicle-Miles of Travel
V_{NE}.....Never Exceed Speed
VO.....Vehicle Occupancy
VOCVolatile Organic Compounds
VORVehicle Occupancy Rate

VOR.....Very High Frequency Omni-Directional Range
VORTAC.....VHF Omni-Directional Range/Tactical Air Navigation
VOT.....VOR Test Facility
VPDVehicles per Day
VPHVehicles per Hour
VPHPLVehicles per Hour per Lane
VR.....VFR Military Training Route
VRCVehicle/Roadside Communications
VS.....Vehicle Speed
VSCVariable Speed Control
V/SF.....Volume/Service Flow
V_{SO}.....Stalling Speed
VTC.....Volume to Capacity
VTRISVehicle Travel Information System
V_Y.....Speed for Best Rate of Climb

W

WAASWide Area Augmentation System
WACWorld Aeronautical Chart
WASHTO.....Western Association of State Highway and Transportation
 Officials
WAVMWide-Area Vehicle Monitoring
WCTRWorld Conference on Transport Research
WESWaterways Experiment Station
WET.....Wetland Evaluation Technique
WFL.....Western Federal Lands
WGAWestern Governors' Association
WHIWestern Highway Institute
WiFiWireless Fidelity
WIM.....Weigh-in-Motion
WP.....Way Point
WS.....Weigh Station

WTI.....Western Transportation Institute

WTOWorld Tourism Organization

Z

ZAC.....Zone Access Control

ZEVZero Emission Vehicle

MDT attempts to provide accommodations for any known disability that may interfere with a person participating in any service, program or activity of the Department. Alternative accessible formats of this information will be provided upon request. For further information call (406)444-3423, TTY (800)335-7592, or the Montana Relay at 711.

200 copies of this public document were published at an estimated cost of \$0.30 per copy, for a total cost of \$59.21, which includes the cost of printing and distribution.