

# Montana Freight Plan

## Freight Stakeholder Meeting #1

October 17, 2016





# Opening Remarks





## MONTANA DEPARTMENT OF TRANSPORTATION

**Lynn Zanto** – Rail, Transit & Planning Division Administrator

**Charity Watt** – Project Manager

**Duane Williams** – Motor Carrier Services Division Administrator

**Kraig McLeod** – Multimodal Planning Bureau Chief

**Diane Myers** - Rail, Air Quality and Studies Section Supervisor

**Project Management Team Members**

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### CONSULTANT SUPPORT TEAM



Sarah Nicolai

Nik Griffith

# Agenda

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**1:00 to 1:15 p.m.**    **Welcoming Remarks and Introductions**

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**1:15 to 1:30 p.m.**    **Overview Presentation**

- ▶ Purpose and Desired Meeting Outcomes
- ▶ Stakeholder Role
- ▶ Freight in Montana
- ▶ Statewide Transportation Planning Overview
- ▶ Freight Planning Overview

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**1:30 to 2:00 p.m.**    **Voting Exercise**

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**2:00 to 2:15 p.m.**    **Break**

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**2:15 to 3:30 p.m.**    **Discussion Groups**

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**3:30 to 4:15 p.m.**    **Group Reports**

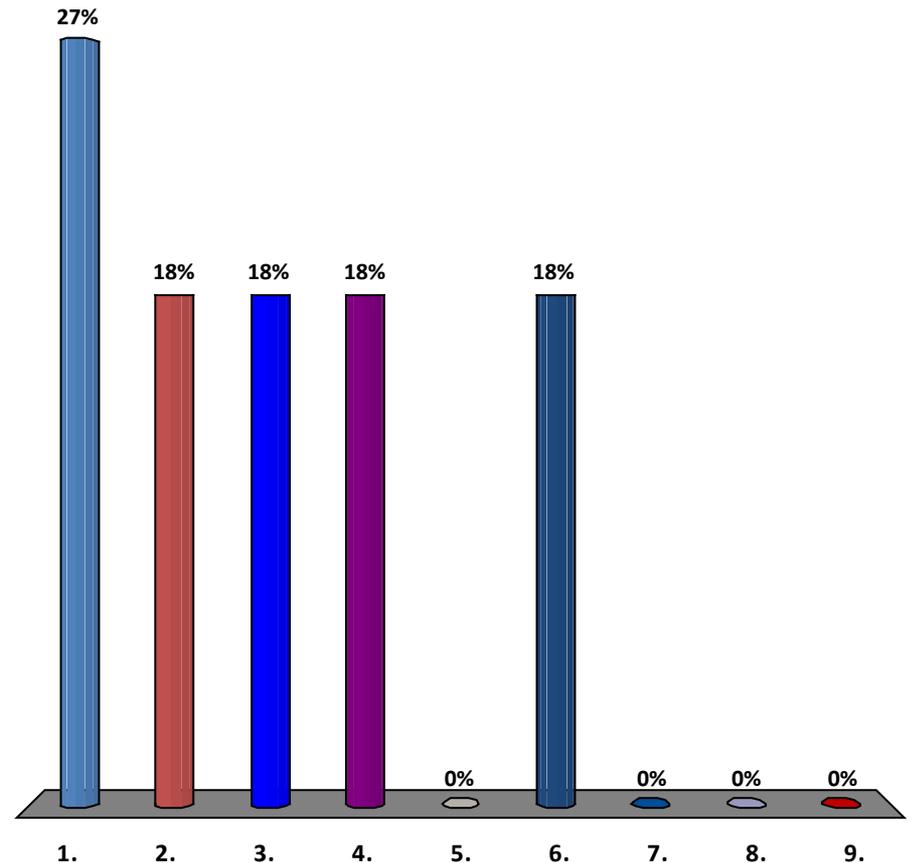
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**4:15 to 4:30 p.m.**    **Schedule, Next Steps, and Closing Remarks**

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# Who do you represent?

1. Ports
2. Railroads
3. Shippers/Carriers
4. Freight Associations
5. Logistics Providers
6. Government Office
7. Intercity Bus/Freight
8. Aviation
9. Other Stakeholders

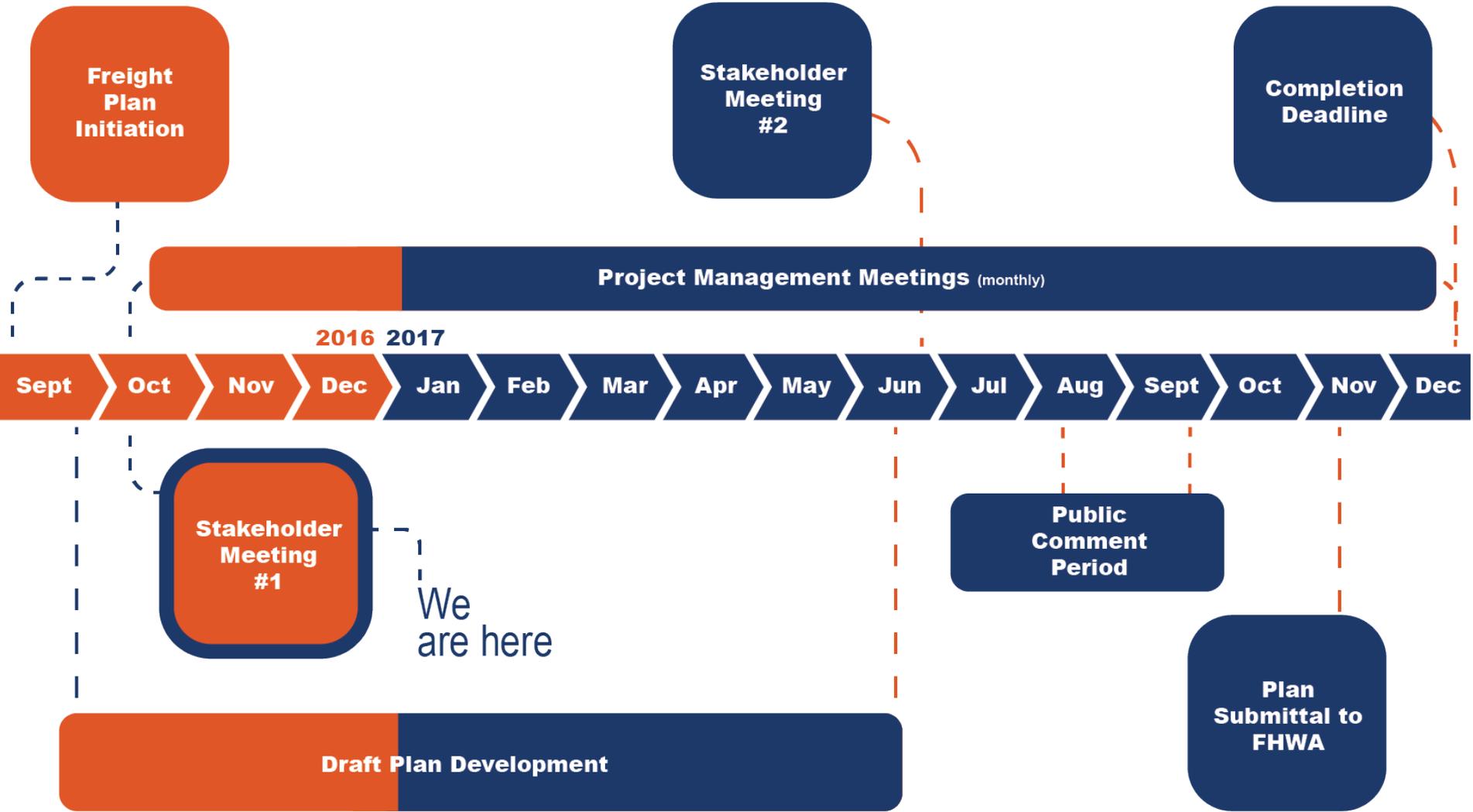




# Overview Presentation



# Freight Planning Process



# Purpose of Meeting #1

FAST Act and Freight  
Program overview

Montana Freight Plan  
requirements

Freight goals, trends,  
needs, and issues

**Feedback from partners  
and stakeholders**

**We want  
your  
input!**

# Today's Desired Outcomes

**TRENDS**



**ISSUES**



**GOALS**

**NEEDS**

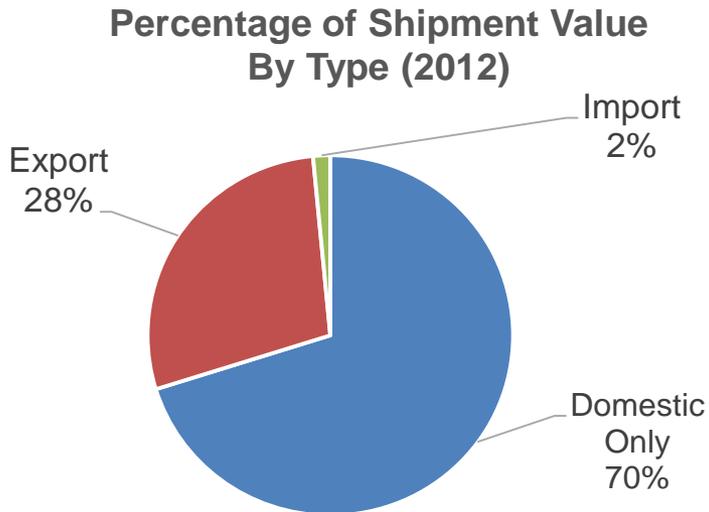
# Stakeholder Role

Provide your feedback and ideas!

- Critical **issues** and **needs**
- Anticipated **trends**
- Potential **solutions** and **strategies**
- Important **facilities** and **corridors**
- Known **barriers** and **bottlenecks**

MDT will consider stakeholder feedback during plan development

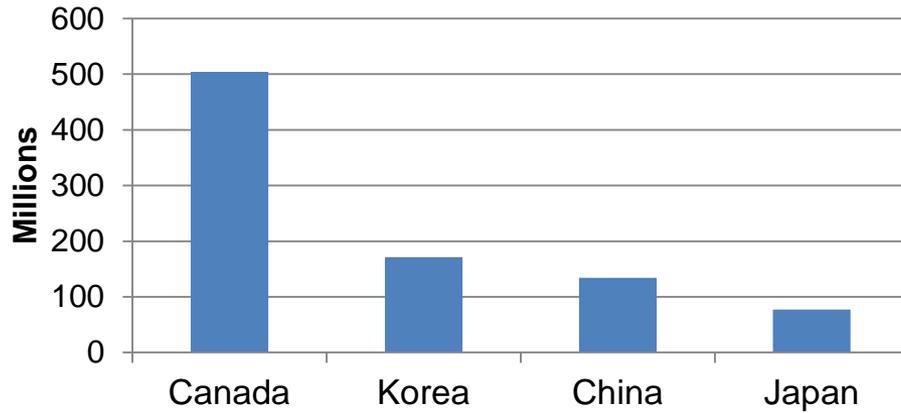
# Freight in Montana



**Trade values  
relatively steady  
since 2012**

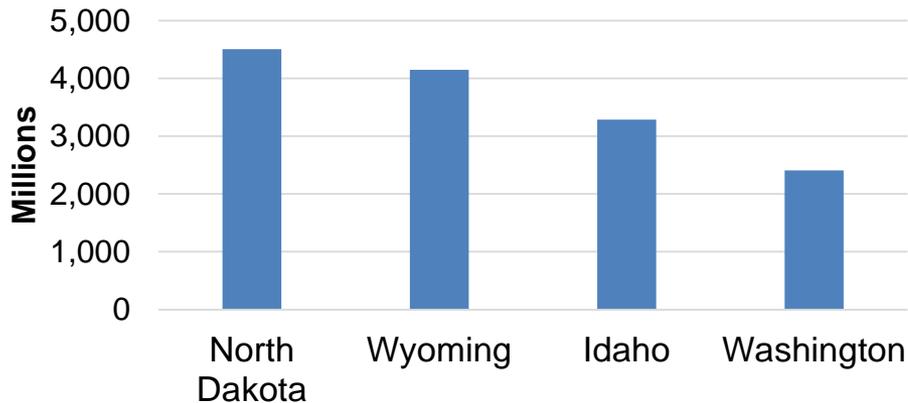
# Freight in Montana

## Top Foreign Trade Partners (2015)



**Strong trade with adjacent states, Canadian provinces, and Asian markets**

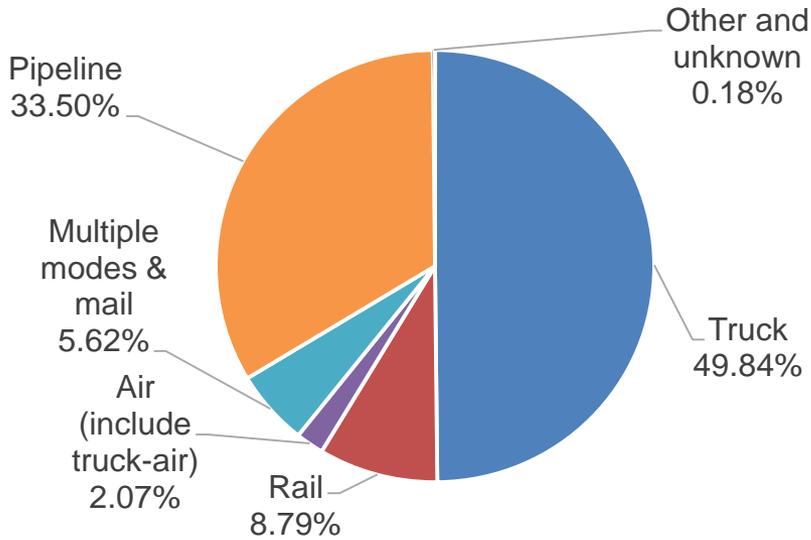
## Top Domestic Trade Partners (2015)



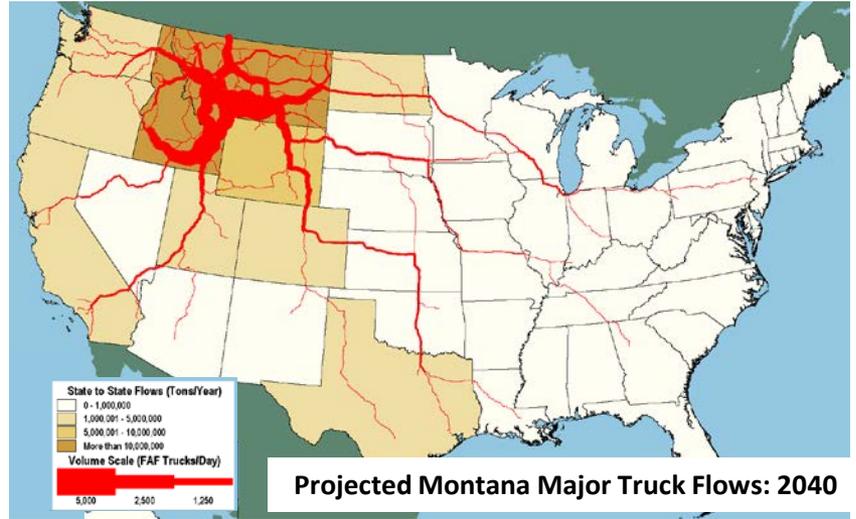
Source: US DOT Federal Highway Administration: Freight Management and Operations - Montana Freight Profiles and Maps ([http://ops.fhwa.dot.gov/freight/freight\\_analysis/state\\_in\\_fo/montana/mt.htm](http://ops.fhwa.dot.gov/freight/freight_analysis/state_in_fo/montana/mt.htm)); U.S. Census Bureau Foreign, Trade Division (<http://www.wisertrade.org>)

# Freight in Montana

All Shipments as a Percentage of Total Value by Mode (2012)

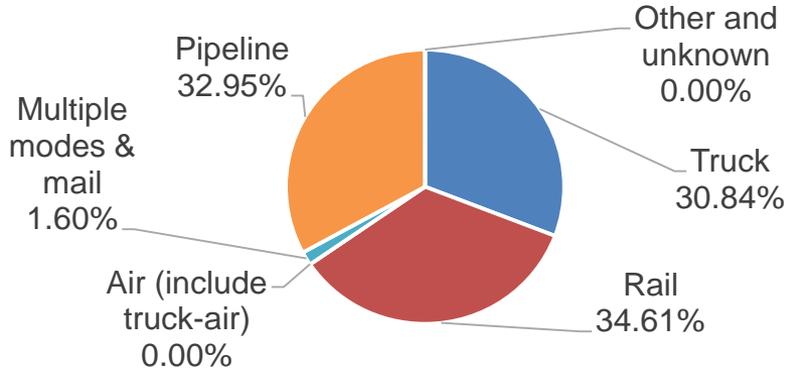


**Trucking = 50% of shipments by value and 30% by tonnage; pipeline & rail other major modes**



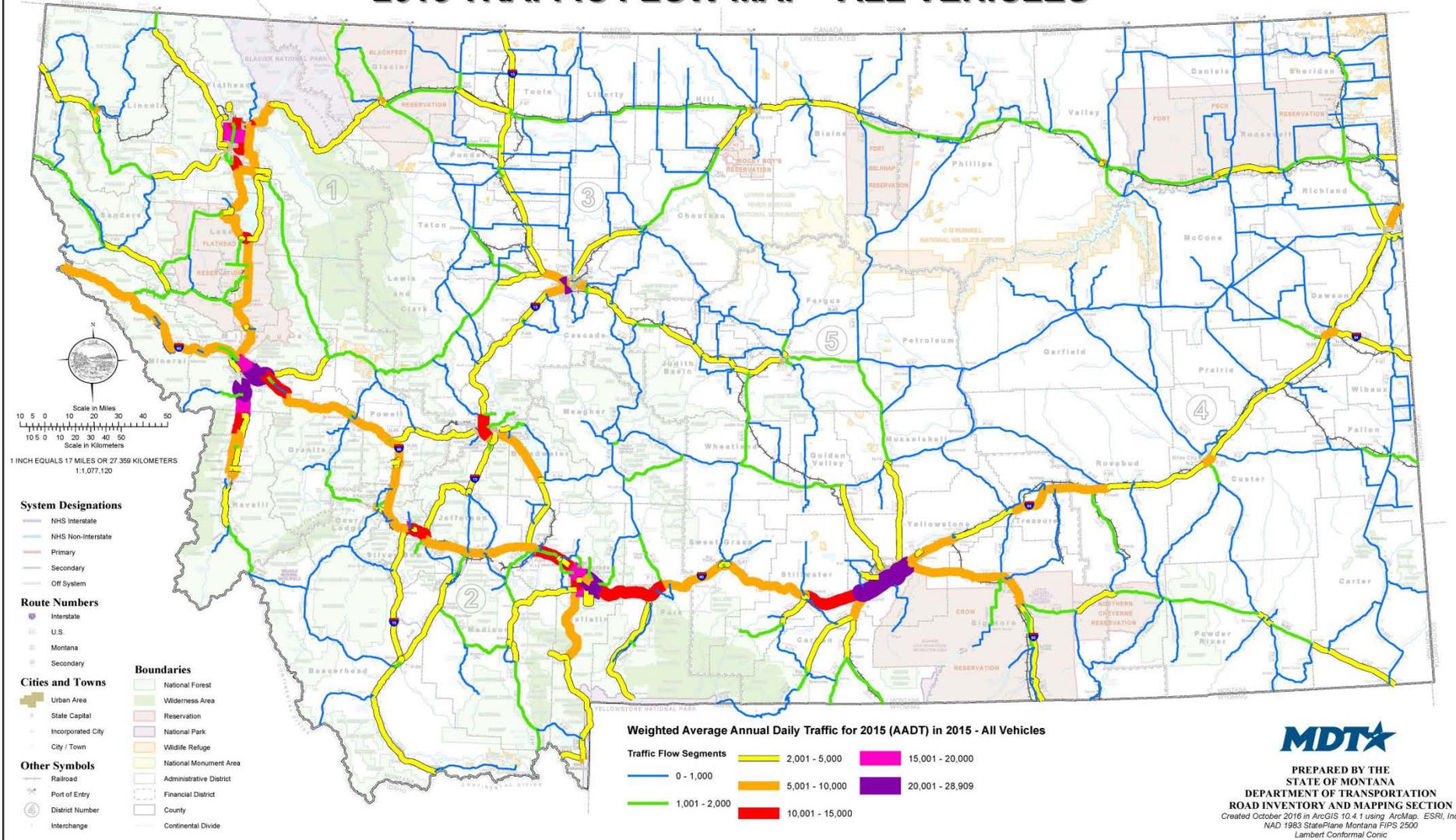
Source: U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework, version 3.1.2, 2011. ([http://ops.fhwa.dot.gov/freight/freight\\_analysis/state\\_info/montana/mt.htm](http://ops.fhwa.dot.gov/freight/freight_analysis/state_info/montana/mt.htm))

All Shipments as a Percentage of Total Tons by Mode (2012)



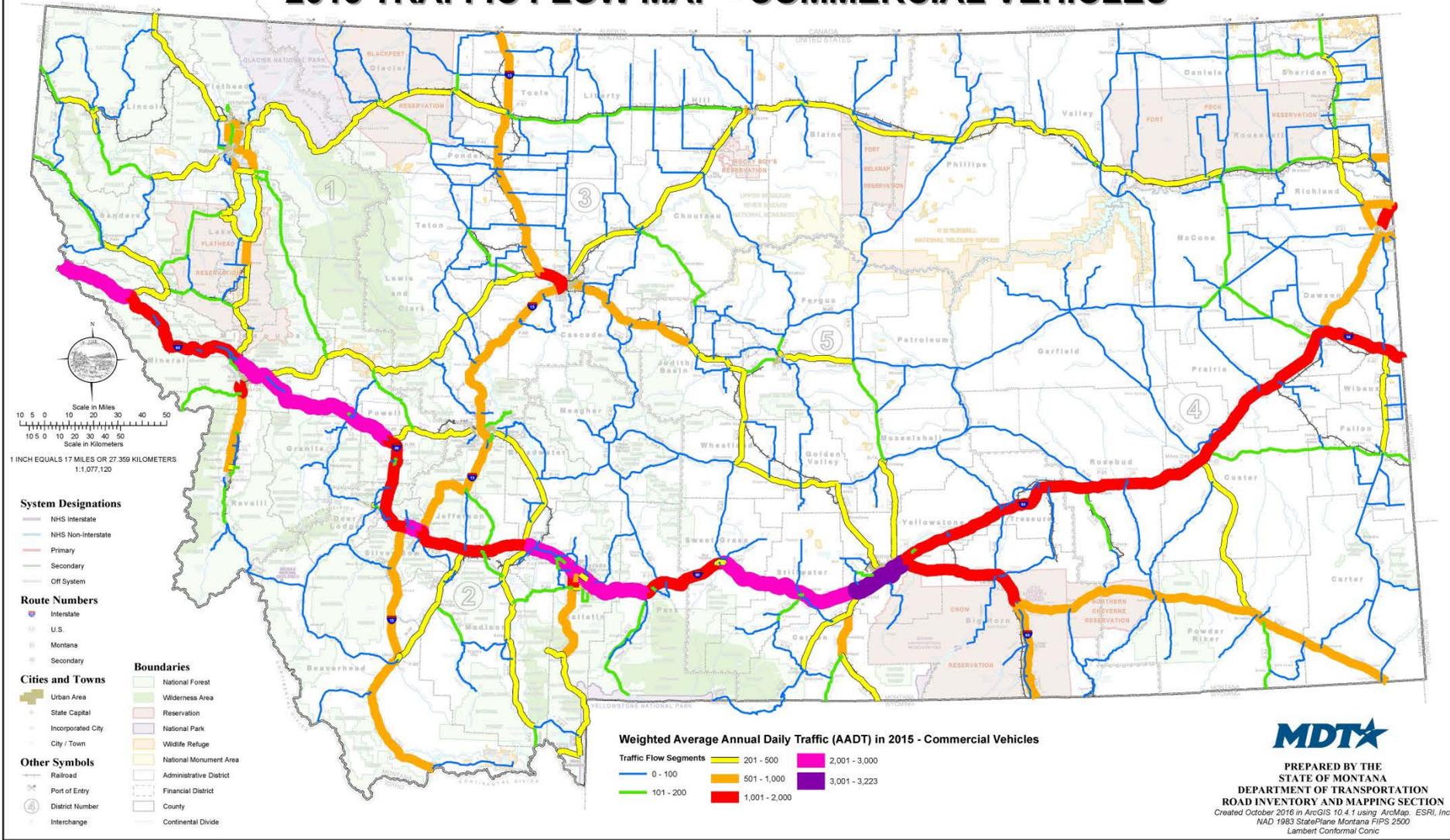
# Freight in Montana

## 2015 TRAFFIC FLOW MAP - ALL VEHICLES



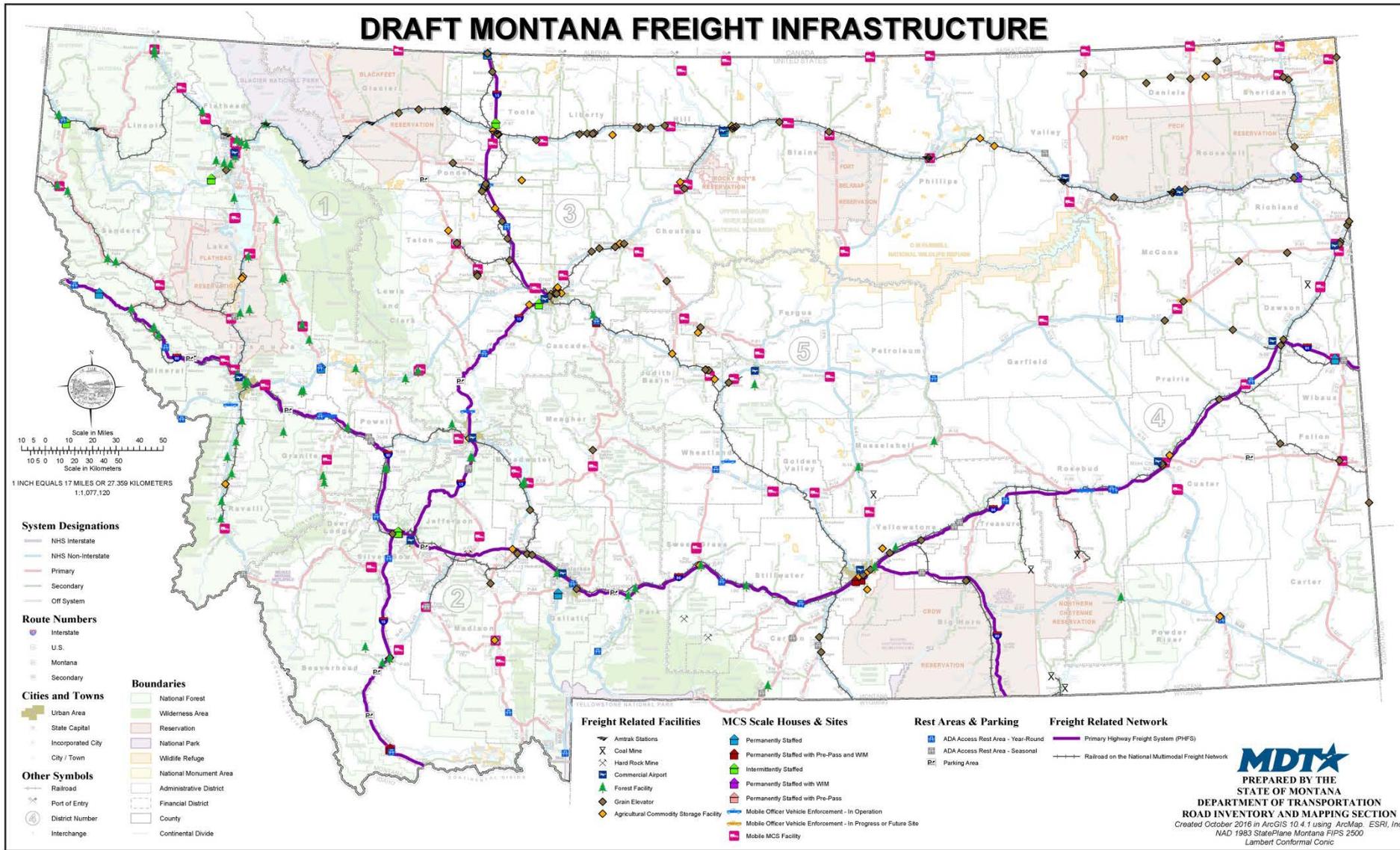
# Freight in Montana

## 2015 TRAFFIC FLOW MAP - COMMERCIAL VEHICLES



# Freight in Montana

## DRAFT MONTANA FREIGHT INFRASTRUCTURE



**MDT**  
 PREPARED BY THE  
 STATE OF MONTANA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD INVENTORY AND MAPPING SECTION  
 Created October 2016 in ArcGIS 10.4.1 using ArcMap. ESRI, Inc.  
 NAD 1983 StatePlane Montana FIPS 2500  
 Lambert Conformal Conic

# Statewide Transportation Planning

**MDT Mission:** To serve the public by providing a transportation system and services that emphasize **quality, safety, cost effectiveness, economic vitality** and **sensitivity to the environment.**

Broad  
Statewide  
Policies



20-Year  
Forecast



Specific  
Focus on  
Freight



**Montana  
Freight Plan**

5-Year  
Forecast

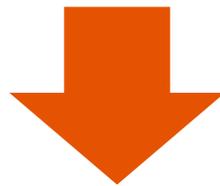
# Freight Planning Overview – FAST Act

The Fixing America's Surface Transportation (FAST) Act establishes a **national freight policy**:

- Maintaining and improving the **condition and performance** of the **National Multimodal Freight Network**
- Ensure the Network provides a foundation for U.S. to **compete in the global economy**.

## National Multimodal Freight Network Goals

- Improve **safety, security, efficiency, and resiliency**
- Maintain **a state of good repair**
- Improve **economic efficiency and productivity**
- Improve **reliability** of freight transportation



**Plan & Prioritize  
Investments**

## National Highway Freight Program

- Funds apportioned to states by formula
- **Montana ~\$12M annually**
- Eligible activities:
  - Construction, operational improvements, planning
  - Focus on highways; up to 10% for rail/port/intermodal projects
- **No state freight plan = No freight formula \$**  
(starting in 2018)



# State Freight Plan Requirements

Incorporate a  
**5-Year Forecast**

Develop a Freight  
**Investment Plan**



Ensure **Fiscal  
Constraint**

# State Freight Plan Requirements



## Plan Contents

- Freight system **trends, needs, and issues**
- Freight policies, strategies, and performance measures
- Freight **facilities and corridors**
- Ability to meet national freight policy goals
- Innovative technologies and operational strategies
- Inventory of **freight mobility issues**
- **Congestion or delay issues**



# Voting Exercise



## National Freight Strategic Plan identified Six Key Trends and Challenges

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**1) Growth in Freight Tonnage**

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**2) Investment in Freight System**

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**3) Planning & Implementing Freight Projects**

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**4) Safety/Security/Resiliency**

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**5) Global Economic Competition**

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**6) New Technologies**

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Consider how national trends and challenges relate to Montana

# 1) Growth in Freight Tonnage

**Montana will see substantial growth in freight tonnage in the next 5 years.**



**Strongly Agree**

Somewhat Agree

Neutral

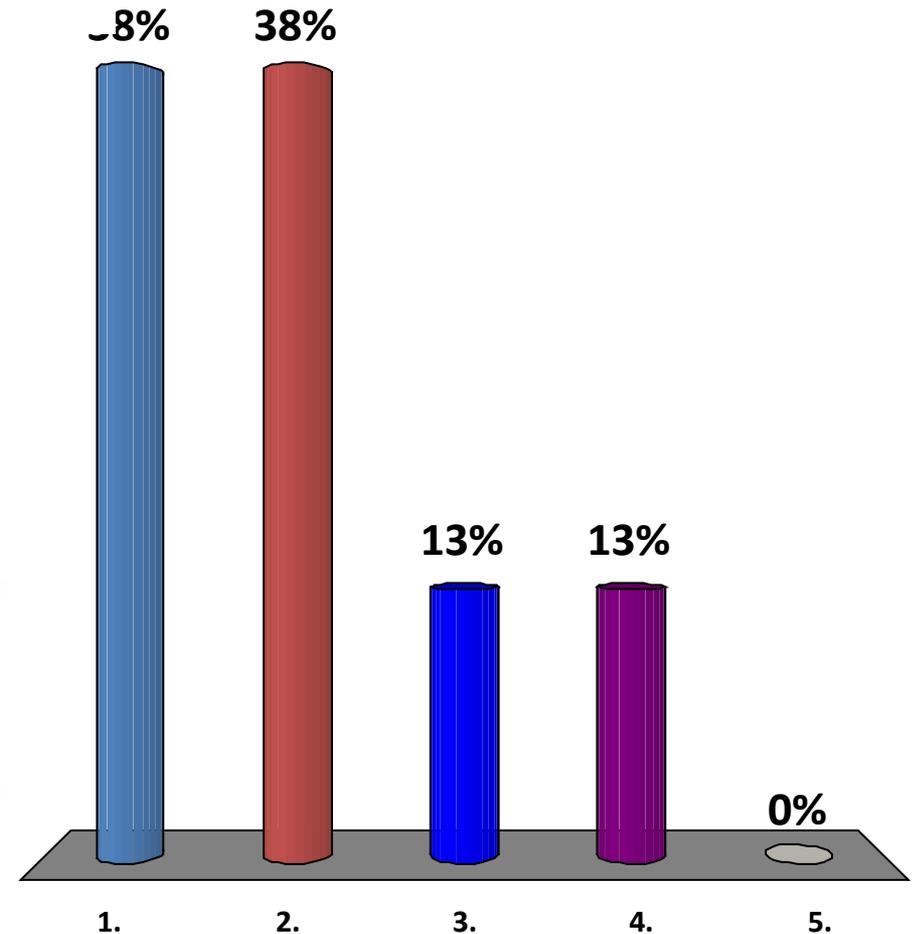
Somewhat Disagree

**Strongly Disagree**



# Growth in Freight Tonnage

1. **Strongly Agree**
2. Somewhat Agree
3. Neutral
4. Somewhat Disagree
5. **Strongly Disagree**



## 2) Freight System Investment

**Montana's investment in public infrastructure is keeping pace with freight movement needs.**



**Strongly Agree**

Somewhat Agree

Neutral

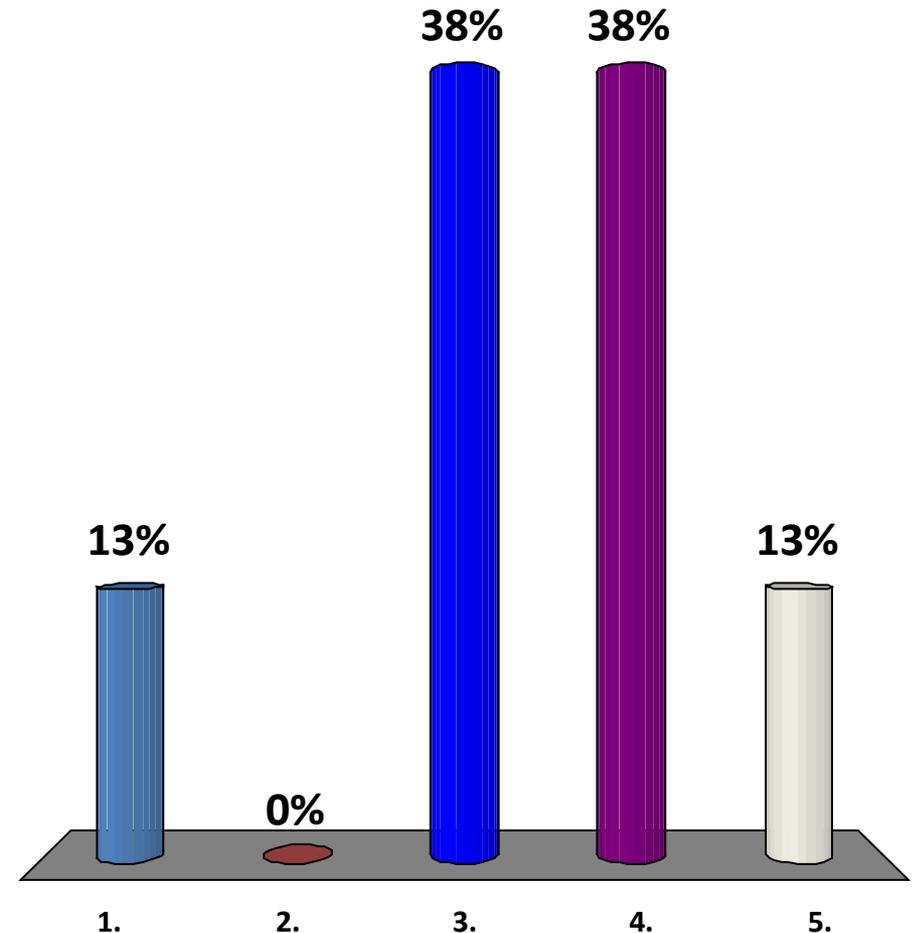
Somewhat Disagree

**Strongly Disagree**



# Freight System Investment

1. **Strongly Agree**
2. Somewhat Agree
3. Neutral
4. **Somewhat Disagree**
5. **Strongly Disagree**



### 3) Planning & Implementing Freight Improvements

**Entities responsible for Montana infrastructure plan and implement improvements to enable efficient movement of freight.**



**Strongly Agree**

Somewhat Agree

Neutral

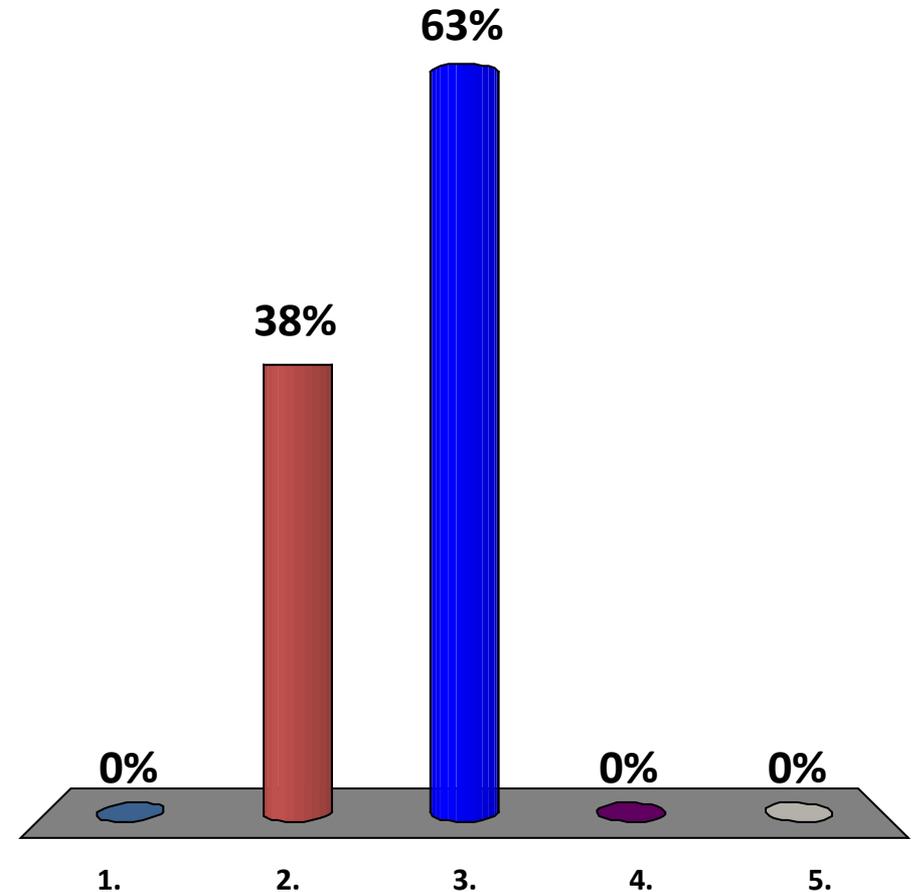
Somewhat Disagree

**Strongly Disagree**



# Planning & Implementing Freight Improvements

1. **Strongly Agree**
2. Somewhat Agree
3. Neutral
4. Somewhat Disagree
5. **Strongly Disagree**



## 4) Safety/Security/Resiliency

**Montana has a continuing need to address system safety, security, and resiliency.**



**Strongly Agree**

Somewhat Agree

Neutral

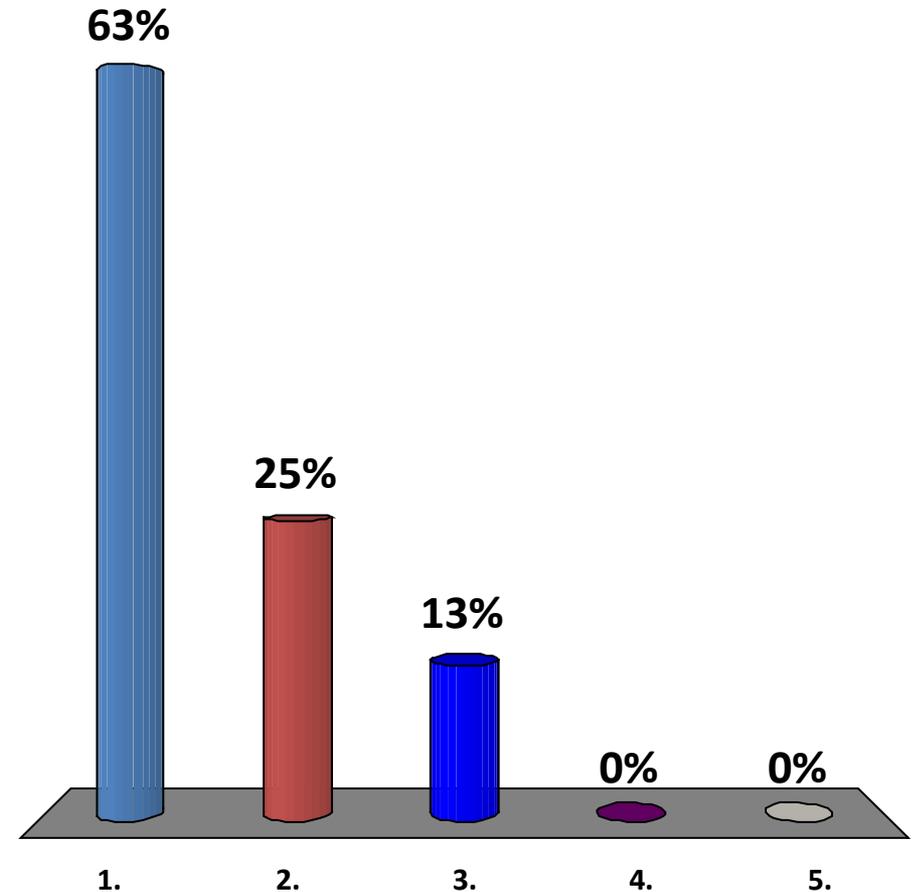
Somewhat Disagree

**Strongly Disagree**



# Safety/Security/Resiliency

1. **Strongly Agree**
2. Somewhat Agree
3. Neutral
4. Somewhat Disagree
5. **Strongly Disagree**



## 5) Global Economic Competition

**Global economic activity will significantly influence freight trends in Montana in the next 5 years.**



**Strongly Agree**

Somewhat Agree

Neutral

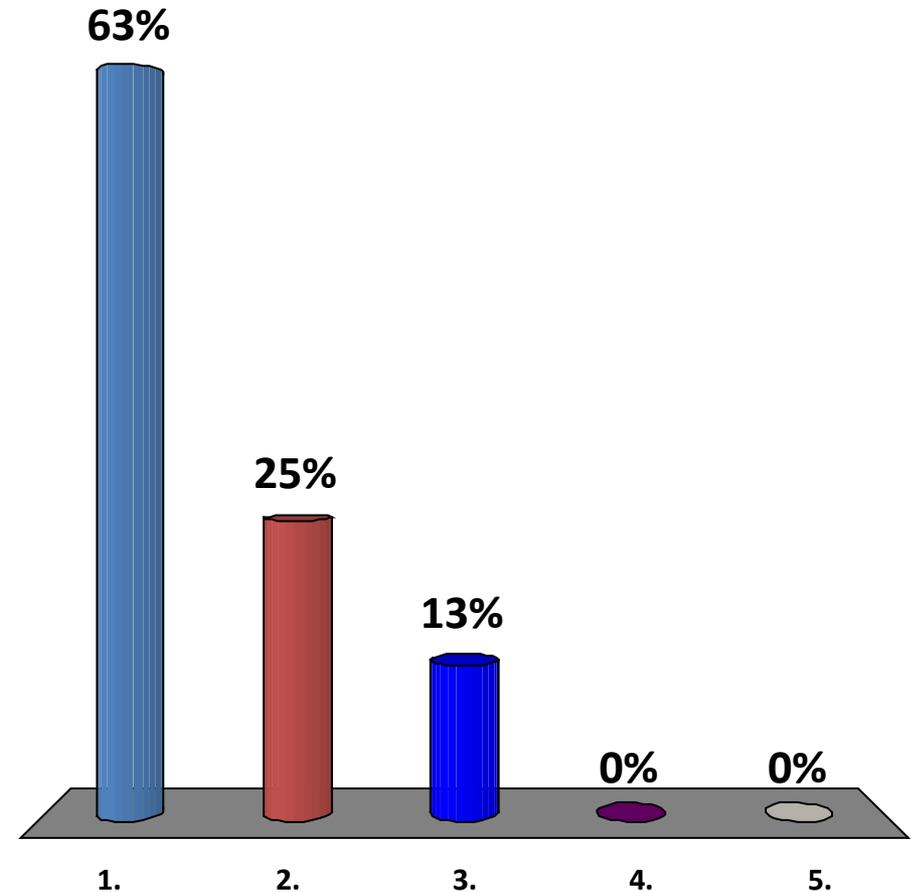
Somewhat Disagree

**Strongly Disagree**



# Global Economic Competition

1. **Strongly Agree**
2. Somewhat Agree
3. Neutral
4. Somewhat Disagree
5. **Strongly Disagree**



## 6) New Technologies

**New technologies will significantly affect freight system management in Montana in the next 5 years.**



**Strongly Agree**

Somewhat Agree

Neutral

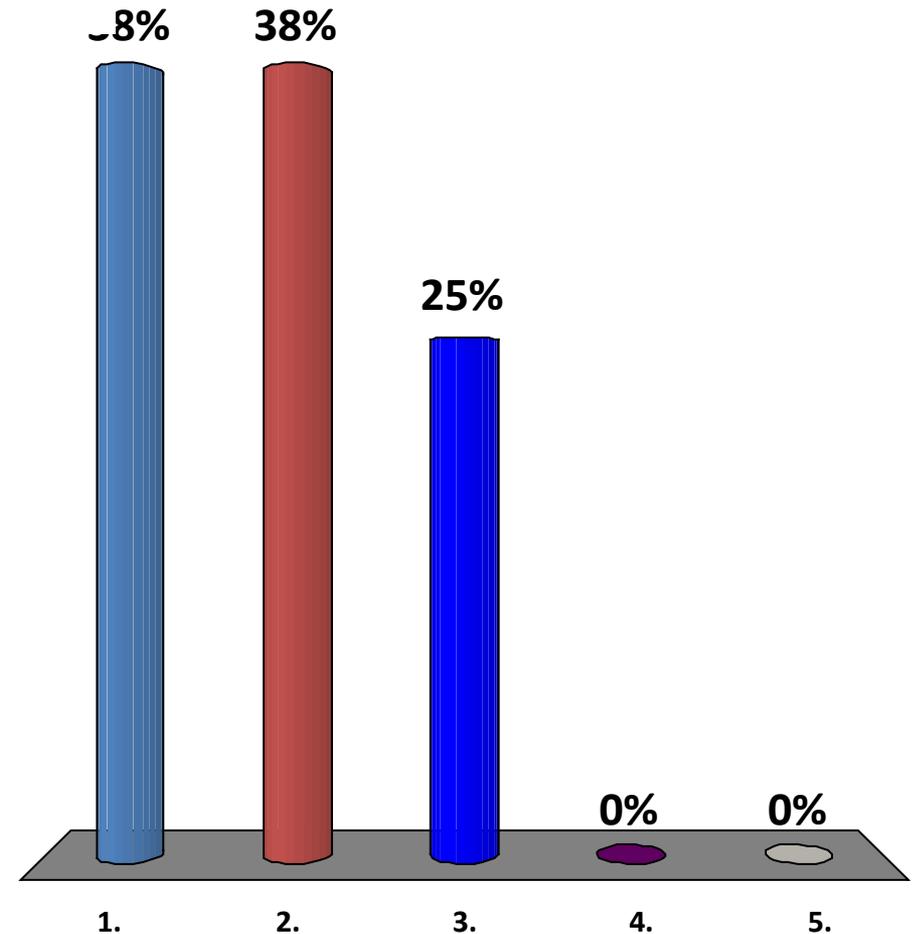
Somewhat Disagree

**Strongly Disagree**



# New Technologies

1. **Strongly Agree**
2. Somewhat Agree
3. Neutral
4. Somewhat Disagree
5. **Strongly Disagree**



# Voting Summary

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**1) Growth in Freight Tonnage**

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**2) Investment in Freight System**

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**3) Planning & Implementing Freight Projects**

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**4) Safety/Security/Resiliency**

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**5) Global Economic Competition**

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**6) New Technologies**

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**Break (15 minutes)**





# Discussion Groups



# Small Group Discussions

**TRENDS**



**ISSUES**



**GOALS**

**NEEDS**

# Discussion Questions

- 1) What **other trends and challenges** will face Montana in the next 5 years?
- 2) What are the **greatest barriers and bottlenecks** for efficient freight movement?
- 3) What are the **most important freight facilities and corridors** in the state?
- 4) What **solutions and strategies** will be successful in addressing challenges?



# Group Reports



# Next Steps



Visit the website at <http://www.mdt.mt.gov/freightplan>



# Closing Remarks

