



Minnesota Statewide Freight System Plan

Minnesota's Freight Advisory Committee
March 27, 2015

We all have a stake in **A**  **B**



Agenda

- ▶ Minnesota's Multimodal Freight Network (MFN)
- ▶ MFN Designation Process
- ▶ Review Preliminary Designation Results
- ▶ Discuss Potential MFN Applications



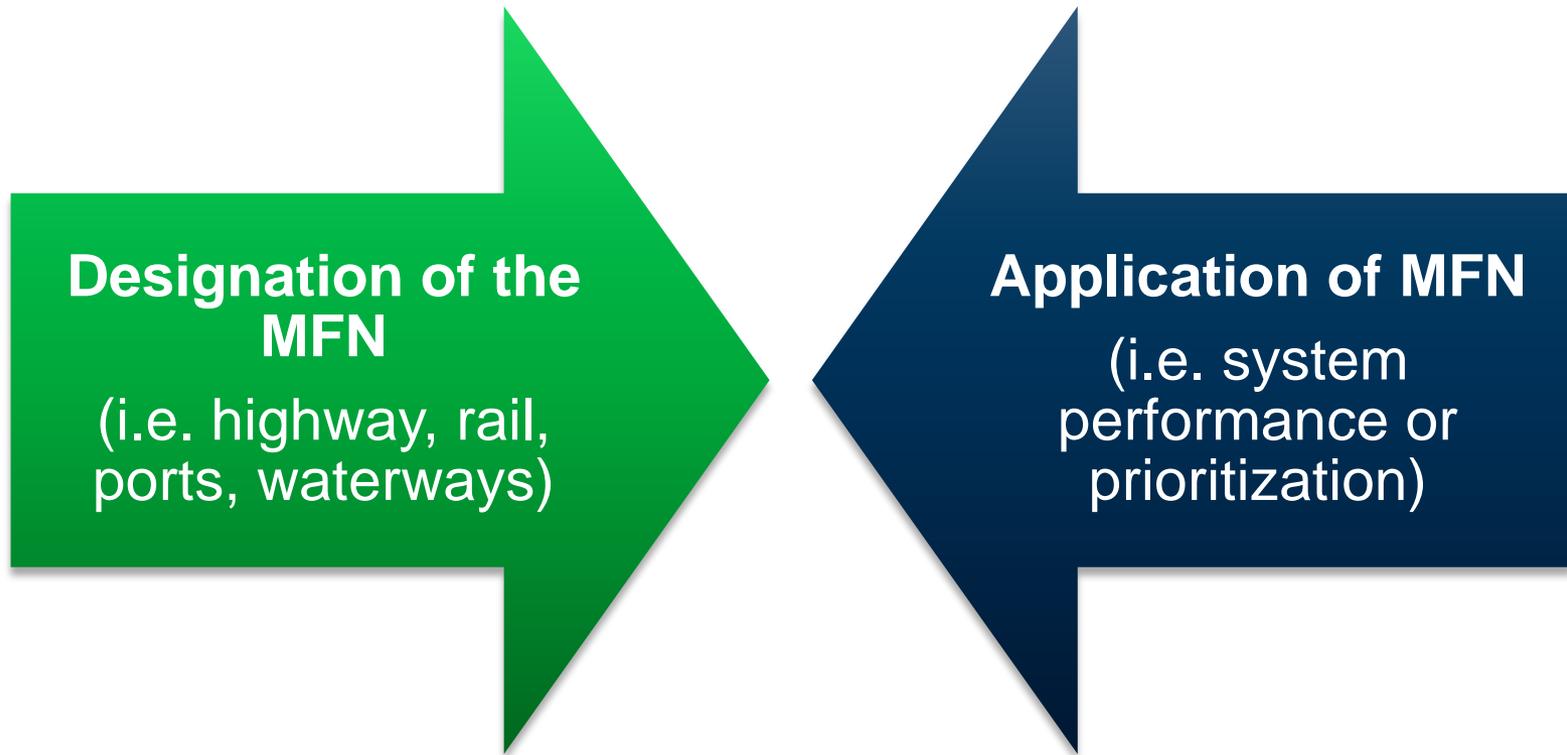
MFN Designation Process

- ▶ Held four (4) “Ad Hoc” Working Group Meetings
- ▶ Collaborate to...
 - Establish criteria
 - Review data
 - Consider links to Minnesota industries (regional significance)
 - Consider national significance
- ▶ Recommend components to be included in MFN
- ▶ Recommend how the MFN could be used



Multimodal Freight Network *Designation and Application*

An iterative process... Still in process

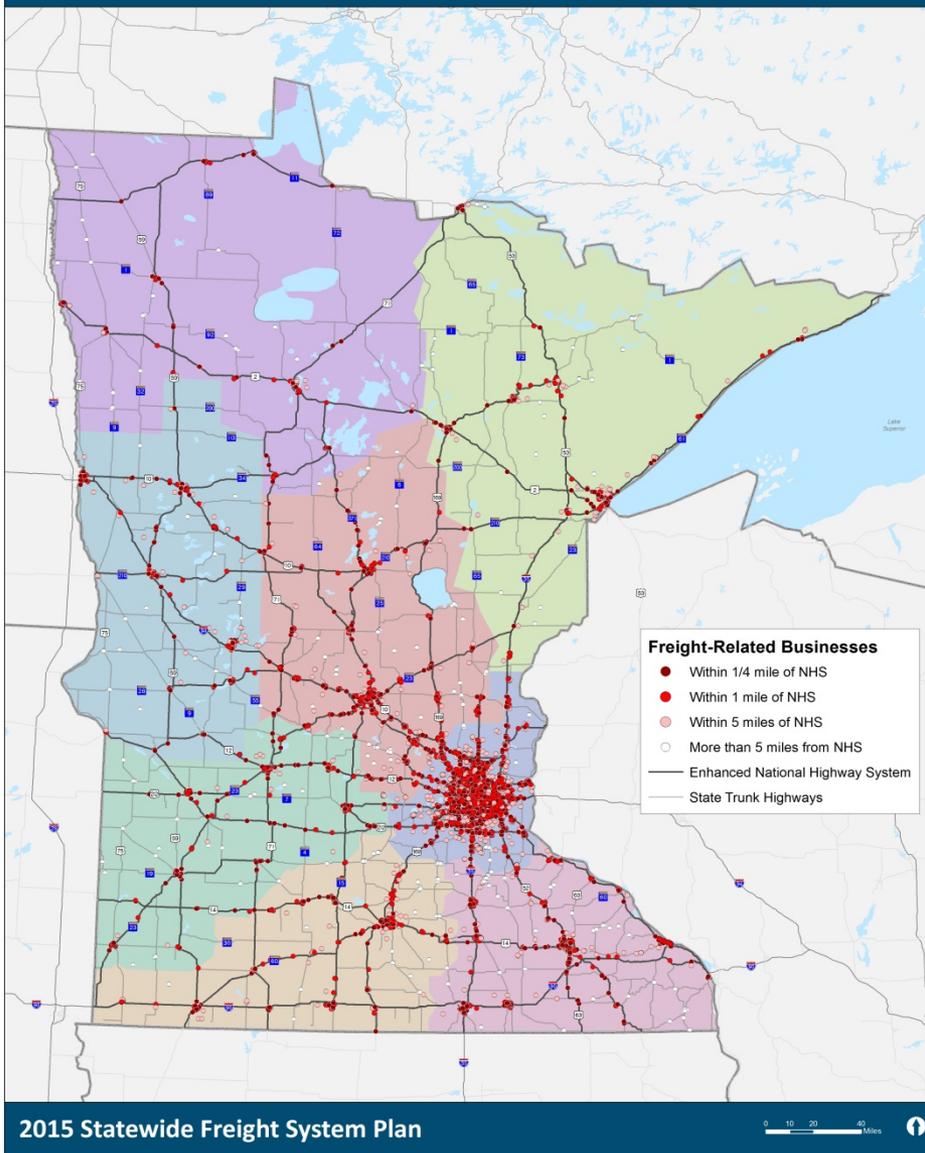


Highway Corridors

► Networks Reviewed

- FHWA Primary Freight Network
- National Highway System (Enhanced)
- Interregional Corridor System + Supplemental Freight Routes
- National Truck Network + Twin Trailer Network
- Conceptual 10-Ton Network
- Oversize/Overweight Network

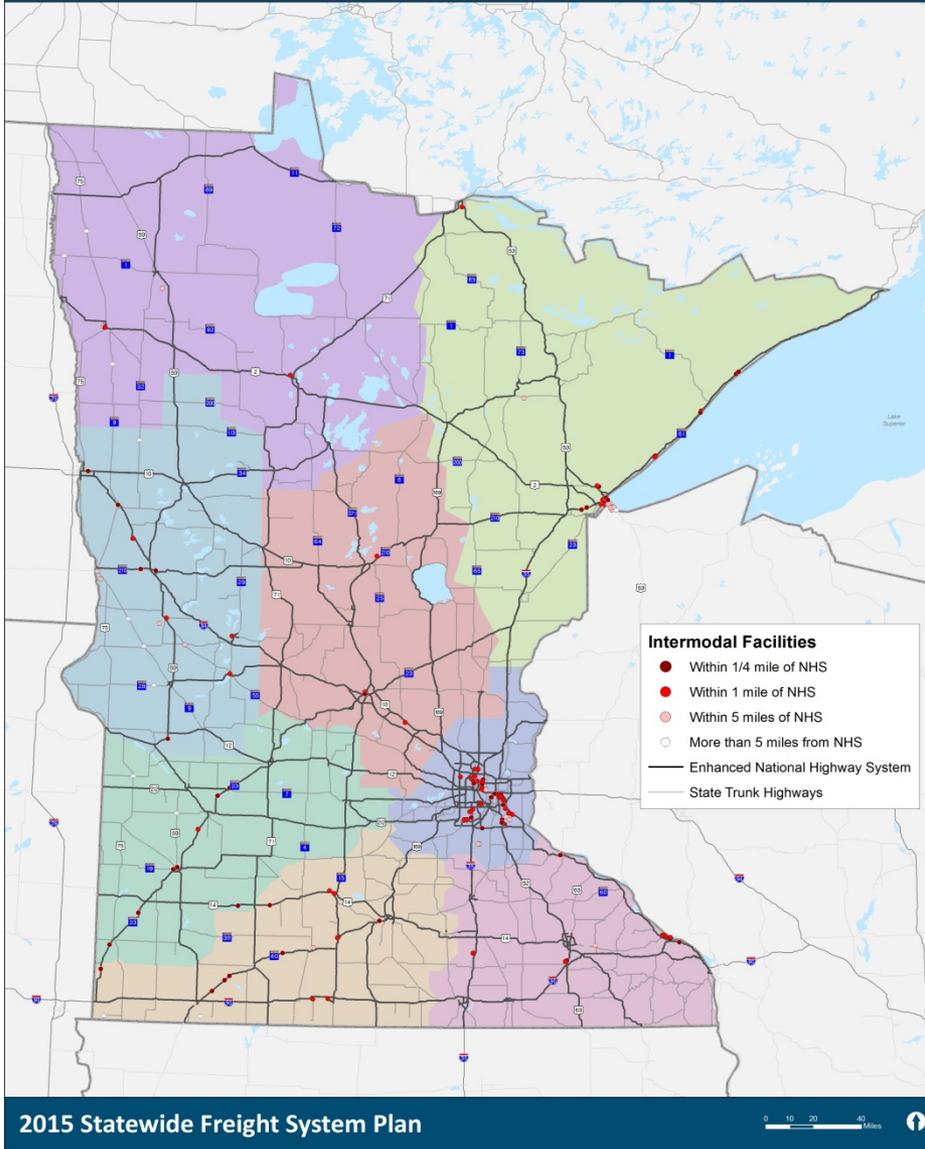




Freight-Related Businesses: National Highway System

- ▶ **Within 1/4 Mile**
 - 50% of businesses
 - 52% of sales volume
- ▶ **Within 1 Mile**
 - 84% of businesses
 - 87% of sales volume
- ▶ **Within 5 Miles**
 - 96% of businesses
 - 97% of sales volume
- ▶ **5,242 Miles**





Freight Facilities: National Highway System

- ▶ Within 1/4 Mile
 - 71 facilities
 - 40% of total
- ▶ Within 1 Mile
 - 144 facilities
 - 80% of total
- ▶ Within 5 Miles
 - 166 facilities
 - 93% of total
- ▶ 5,242 Miles

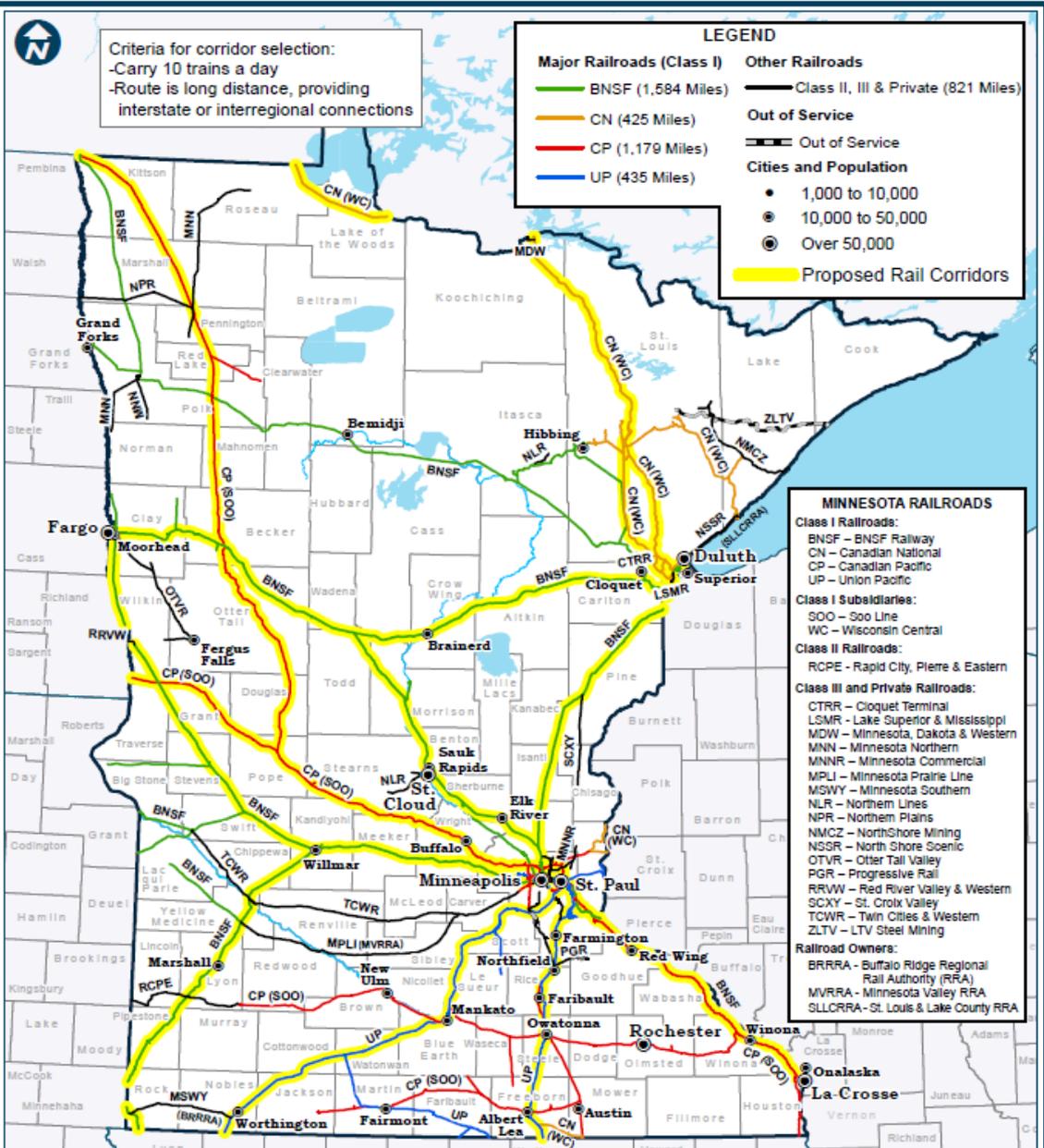


Rail Corridors and Terminals

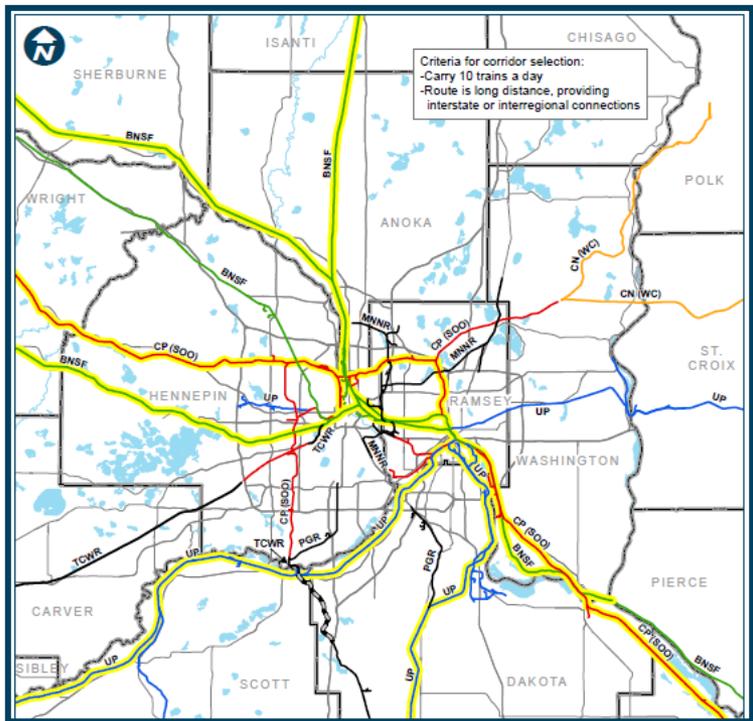
- ▶ Criteria Considered
 - Facility usage
 - National significance
 - Key freight industries within a 5-mile radius



Rail Corridors (still pending recommendation)

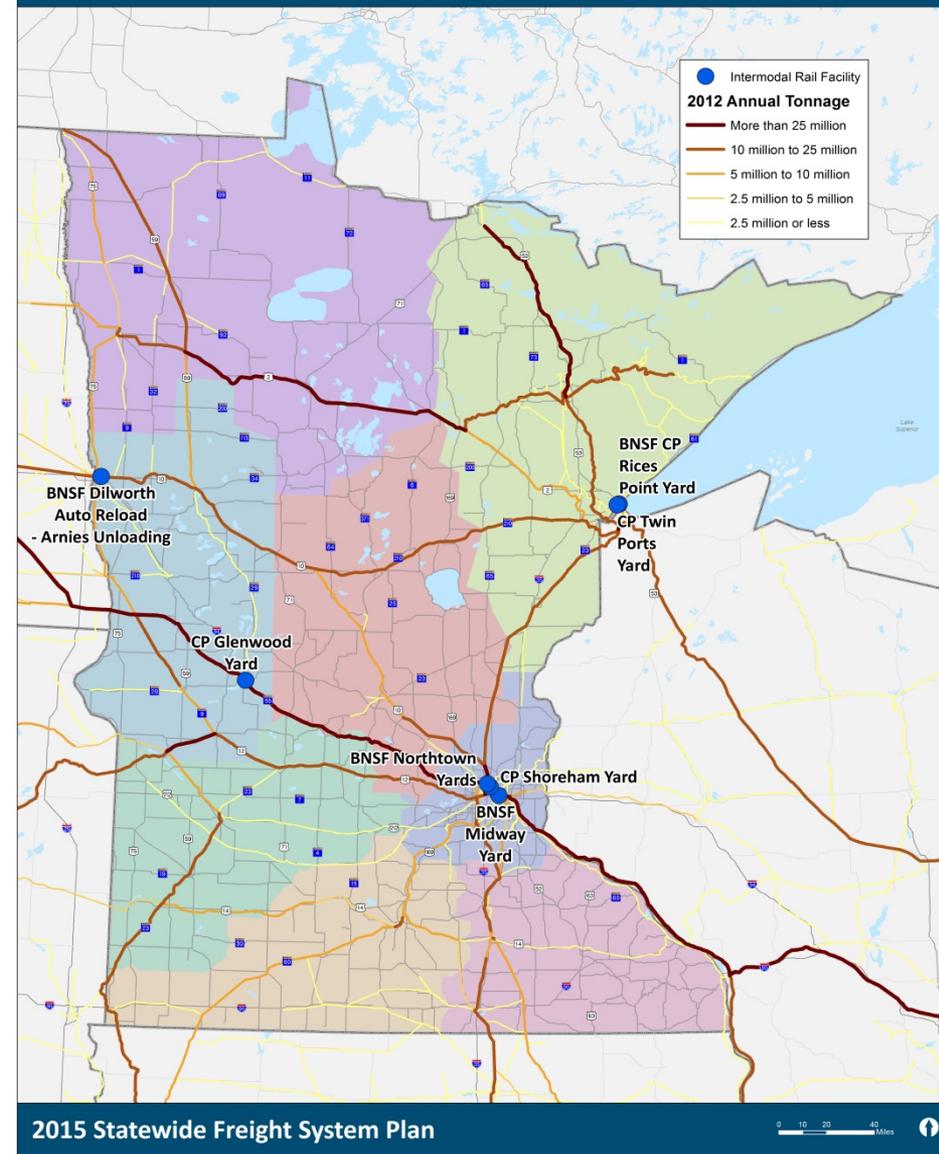


Criteria for corridor selection:
 -Carry 10 trains a day
 -Route is long distance, providing interstate or interregional connections



Rail Facilities

- ▶ Dilworth (BNSF)
- ▶ Glenwood Yard (CP)
- ▶ Midway Yard (BNSF)
- ▶ Northtown Yards (BNSF)
- ▶ Rice's Point Yard (BNSF/CP)
- ▶ Shoreham Yard (CP)
- ▶ Twin Ports Yard (CP)



Waterway Corridors and Ports

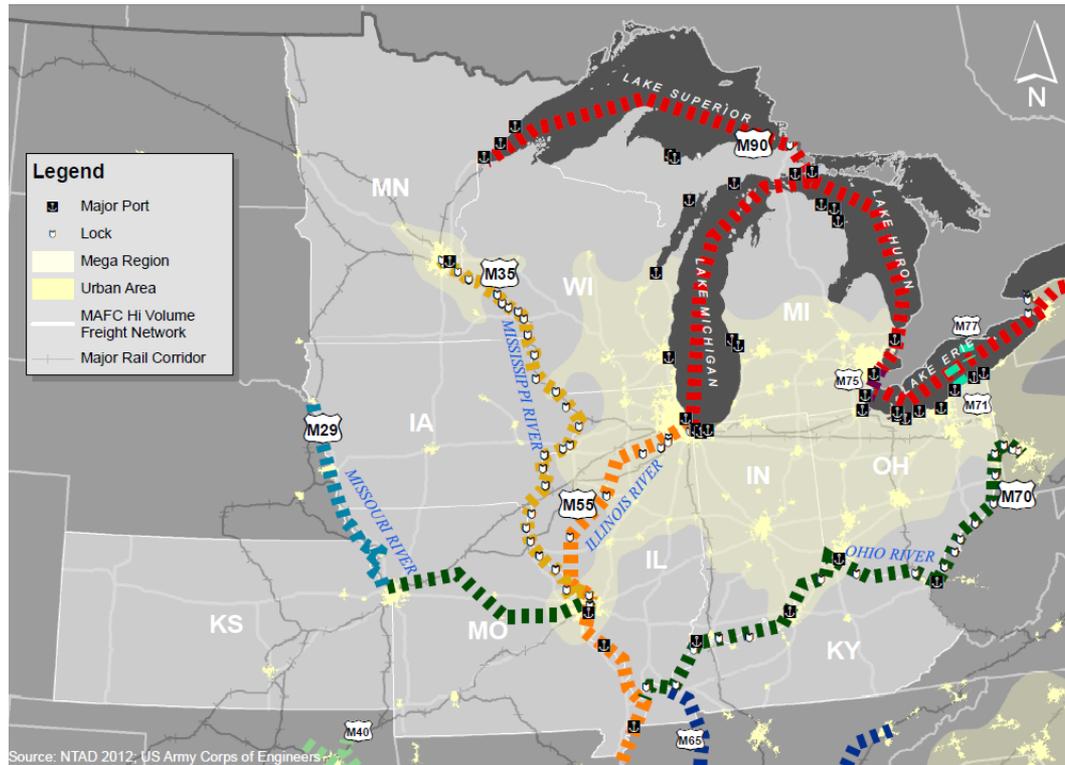
- ▶ Criteria Considered
 - Facility usage
 - Links to Minnesota industries
 - National significance
 - Designation by others



Source: University of Minnesota



Waterway Corridors



Source: Mid-America Freight Council, 2014

- ▶ Great Lakes
 - (M-90 Marine Corridor)
- ▶ Mississippi River
 - (M-35 Marine Corridor)
- ▶ Minnesota River
 - (M-35 to Savage)



Water Ports

▶ Four Great Lakes Ports

- Taconite Bay
- Silver Bay
- Two Harbors
- Duluth-Superior

▶ Four* Mississippi River Ports

- St. Paul
- Savage
- Red Wing
- Winona



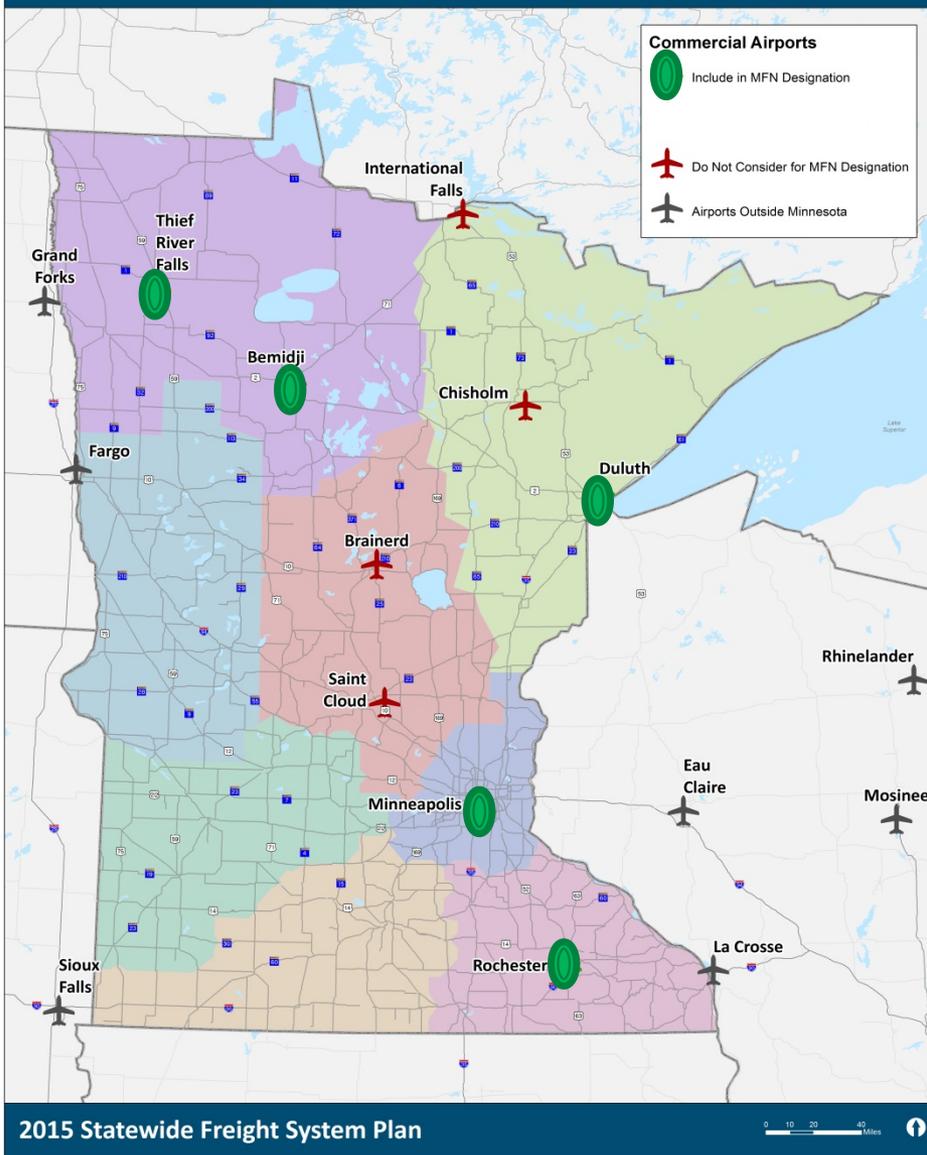
**Minneapolis Upper Falls Port no longer active due to permanent lock closure in 2014*



Airports

- ▶ Criteria Considered
 - Facility usage
 - Key freight industries within a 5-mile radius
 - Regional significance





Airports

- ▶ Minneapolis-St. Paul International
- ▶ Duluth International
- ▶ Rochester International
- ▶ Bemidji Regional
- ▶ Thief River Falls Regional



Discussion

How should Minnesota's Multimodal Freight Network be applied?



Potential Applications

The MFN should be used to ...	Corridors			Freight Facilities and Nodes		
	Highway	Rail Lines	Waterways	Rail Terminals	Water Ports	Airports
Track freight system activity						
Monitor freight system performance						
Identify and prioritize system needs						
Provide different design standards						
Provide last-mile connectivity						
Provide different (higher) maintenance standards						
Receive priority consideration during project selection and funding						
Align with dedicated freight funding source						
Consider Complete Streets principles						
Support existing businesses						
Provide access to freight facilities/nodes						

Next Steps



Next Steps

- ▶ Continue to work toward general consensus on multimodal freight network designation and potential applications
- ▶ Forward recommendations to Minnesota Freight Plan Leadership Team for consideration and finalization



THANK YOU

Questions?

