



## District 2 Freight Plan – Meeting #3

Plan Advisory Committee  
June 1, 2020

# Introductions

Andrew Andrusko

Project Manager/State Freight Planner – MnDOT  
Office of Freight and Commercial Vehicle Operations

Nancy Graham

Senior Engineer – MnDOT District 2

Jon Mason

Planning Director – MnDOT District 2

Dan Haake

Project Manager – HDR

Chris Ryan

Deputy Project Manager/Prioritization Lead – HDR

# District Freight Planning

Andrew Andrusko | MnDOT Project Manager

# MnDOT Freight Planning

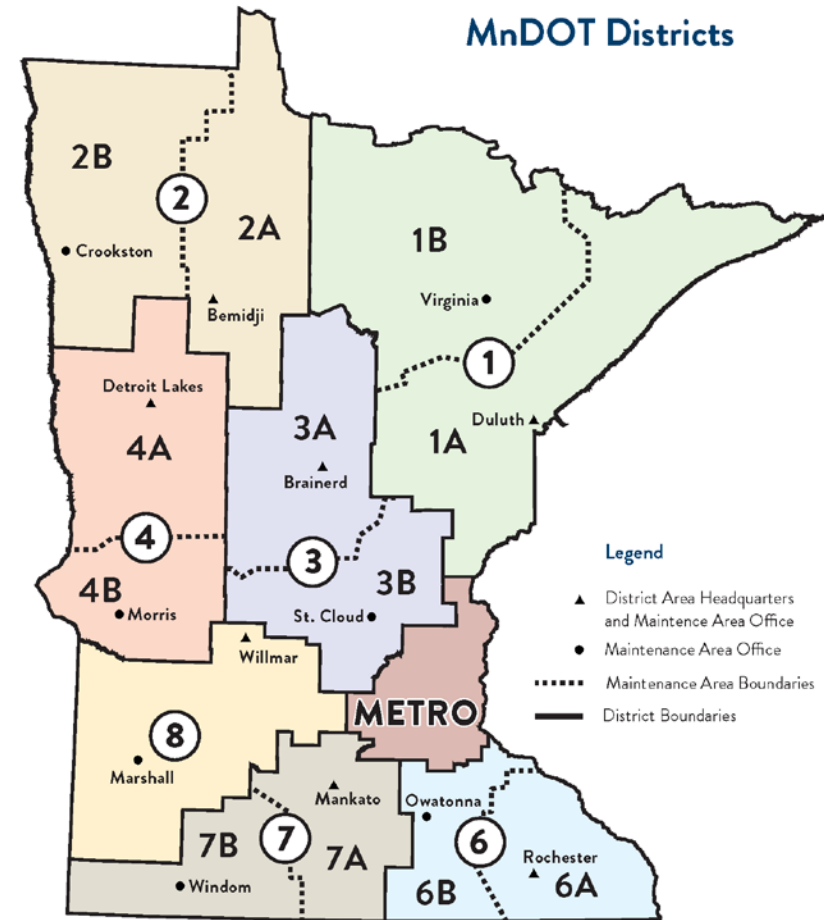
- MnDOT has been working to implement the recently adopted statewide freight plan called the Minnesota State Freight System and Investment Plan
- One of the key recommendations was to work with each area of the state to create more detailed plans that would identify improvements to connect with the Minnesota Highway Freight Program





# MnDOT District Freight Plans

- Developing District Freight Plans for all Districts
  - District 1 completed
  - Districts 2, 3, 8 underway
- Pre-cursor effort to prepare for next Statewide Freight Plan
- Identify key issues/opportunities for each District
- <http://www.dot.state.mn.us/ofrw/freight/districtfreightplan/>



MnDOT office contact information can be found online at: [www.mndot.gov/information/locations.html](http://www.mndot.gov/information/locations.html)

# Purpose of this effort

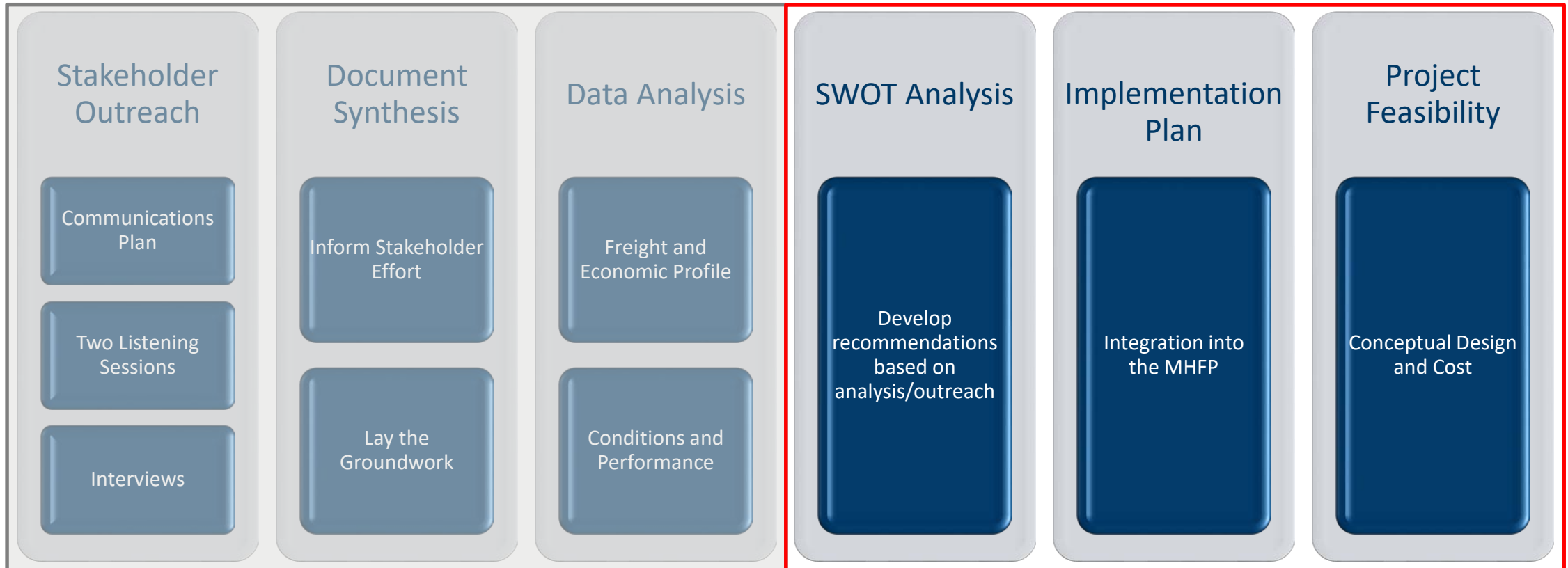
The District 2 Freight Plan will:

- I. Provide an up-to-date assessment of freight needs and issues specific to the District
- II. Produce a list of strategies to improve freight mobility in the Northern and Northwest Minnesota region
- III. Roll up long-term planning and programming in the next Statewide Freight System Plan

# Project Status Update

Dan Haake | HDR Project Manager

# Project Status





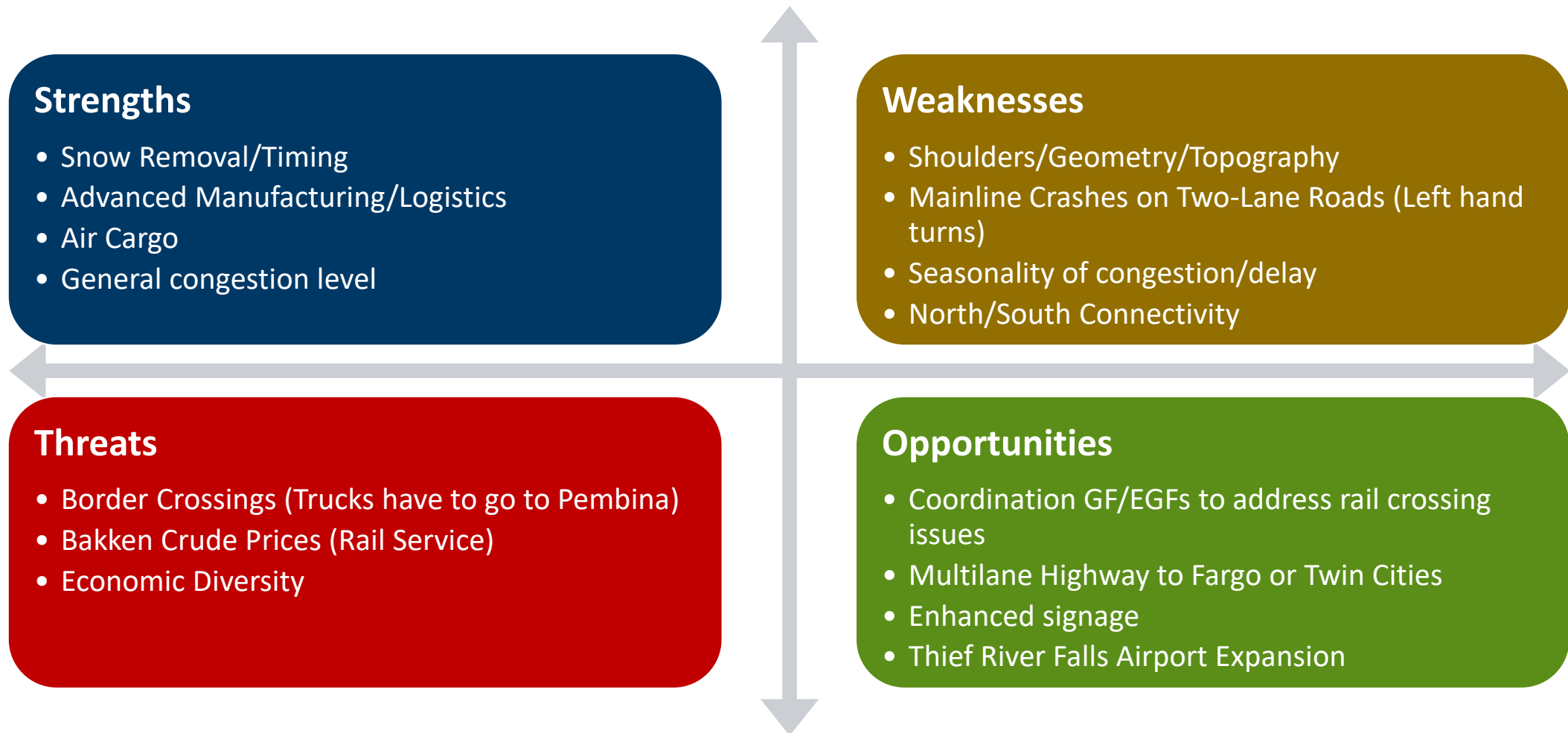
# Advisory Committee Meetings



# SWOT Analysis

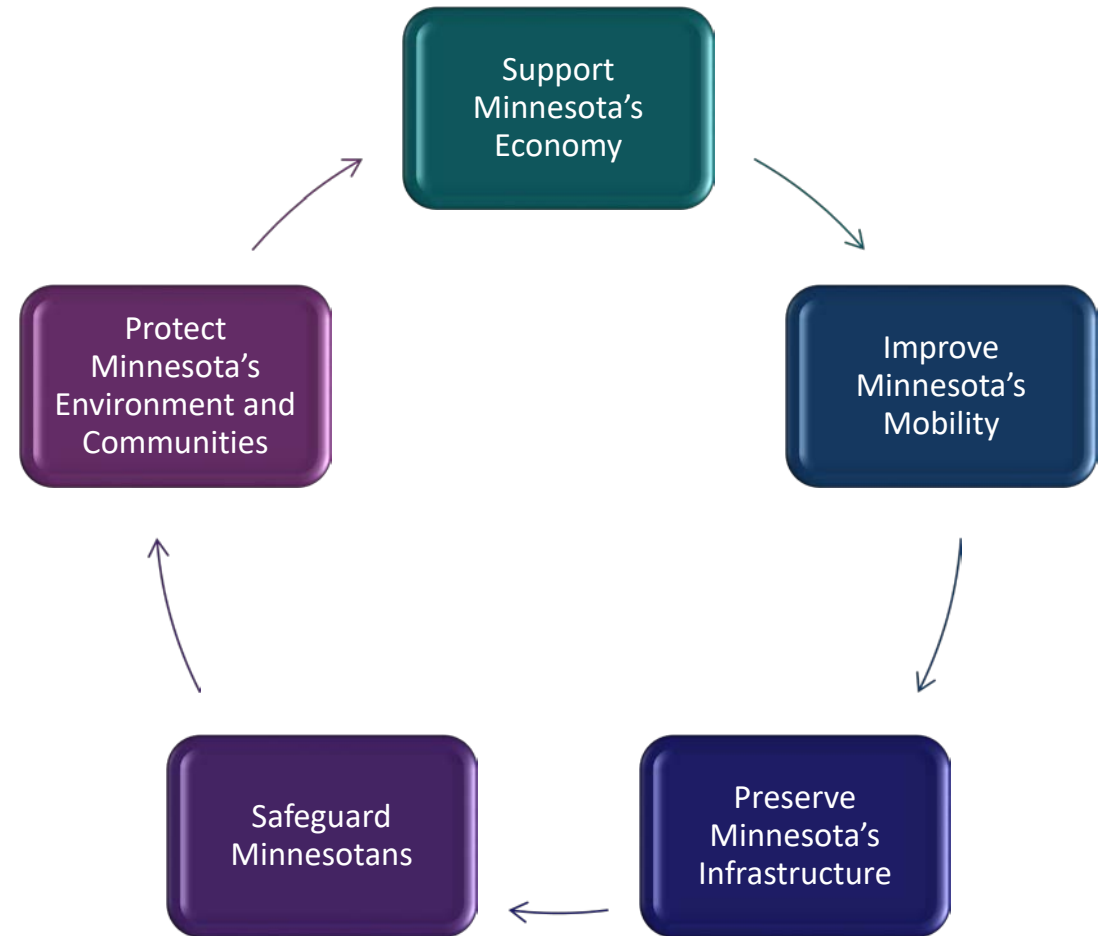
Dan Haake | HDR Project Manager

# SWOT Analysis



# Deeper Dive – SWOT Breakdown

2018 Statewide Freight System Plan (SFSP) identified goals to guide MnDOT's efforts to support freight mobility.





# Support Minnesota's Economy

<b>Strengths</b>	<b>Weaknesses</b>
<ul style="list-style-type: none"><li>• Strong, diverse economy</li><li>• Export market</li><li>• Outbound air cargo</li></ul>	<ul style="list-style-type: none"><li>• High reliance on movement from Twin Cities</li><li>• LTL carrier availability</li></ul>
<b>Opportunities</b>	<b>Threats</b>
<ul style="list-style-type: none"><li>• Improved future passenger aircraft service</li><li>• Outbound cargo levels support larger aircraft which presents opportunities for new high-tech investment in the area because of inbound availability and workforce</li></ul>	<ul style="list-style-type: none"><li>• CBP border crossing hours of operation and equipment placement decisions</li><li>• Global Trends</li><li>• Consolidation by larger firms not in the region make it harder to expand locally</li></ul>

# Improve Minnesota's Mobility

<b>Strengths</b>	<b>Weaknesses</b>
<ul style="list-style-type: none"><li>• Many multimodal connectivity points</li><li>• GF/EGF Bi-State Cooperation</li><li>• Air cargo service at two airports (including parcel service from UPS and FedEx)</li></ul>	<ul style="list-style-type: none"><li>• Lack of four-lane highways on key corridors</li><li>• Limited north/south roadway connectivity</li><li>• Additional Red River crossings</li></ul>
<b>Opportunities</b>	<b>Threats</b>
<ul style="list-style-type: none"><li>• Multi-state Oversized/Overweight Harmonization (including Canada)</li><li>• Investment in longer runways and larger hangers at Thief River Falls and Bemidji airports.</li></ul>	<ul style="list-style-type: none"><li>• Limited funding opportunities for expanded facilities to support air cargo growth</li></ul>

# Preserve Minnesota's Infrastructure

<b>Strengths</b>	<b>Weaknesses</b>
<ul style="list-style-type: none"><li>• Overall Trunk Highway pavement quality</li><li>• Trunk Highway 10-ton roads</li></ul>	<ul style="list-style-type: none"><li>• Short line rail state of good repair</li><li>• Air cargo ramp maintenance</li><li>• Weight restricted county facilities</li></ul>
<b>Opportunities</b>	<b>Threats</b>
<ul style="list-style-type: none"><li>• Directional signage and dynamic messaging systems</li></ul>	<ul style="list-style-type: none"><li>• Limited funding opportunities for multimodal projects</li></ul>

# Safeguard Minnesotans

<b>Strengths</b>	<b>Weaknesses</b>
<ul style="list-style-type: none"><li>• Winter weather response on the Trunk Highway system</li><li>• Relatively low fatal CMV crash frequency</li></ul>	<ul style="list-style-type: none"><li>• Winter weather response on county facilities</li><li>• Winter response at airports</li><li>• Deicing availability at Bemidji airport</li><li>• Left turn related crashes during harvest</li><li>• Narrow roads with limited shoulders</li><li>• Crash rate highest in western half of District 2</li><li>• Increased rail grade crossing incidents / incident rate</li></ul>
<b>Opportunities</b>	<b>Threats</b>
<ul style="list-style-type: none"><li>• Grade crossing closure/consolidation</li><li>• Safety improvements that benefit freight (passing lanes, acceleration/deceleration lanes)</li></ul>	<ul style="list-style-type: none"><li>• Potential impacts of increased train volumes, particularly transportation of hazardous materials such as Bakken crude oil</li></ul>



# Protect Minnesota's Environment and Communities

<b>Strengths</b>	<b>Weaknesses</b>
<ul style="list-style-type: none"><li>• Strong local communities</li><li>• Freight-related industries support the local economy</li><li>• Large segments of designated wilderness and State Forest areas</li></ul>	<ul style="list-style-type: none"><li>• Downtown truck movements can impact nearby residents and businesses</li></ul>
<b>Opportunities</b>	<b>Threats</b>
<ul style="list-style-type: none"><li>• Partnerships with local delivery companies to address delivery issues</li><li>• Address first/last mile issues</li><li>• Future “main street” redesign projects could integrate freight</li></ul>	<ul style="list-style-type: none"><li>• Increased e-commerce related deliveries</li><li>• More trucks from manufacturing and agriculture.</li><li>• Trucks crossing through communities to reach air cargo facilities</li><li>• Increased movement of hazardous materials</li></ul>

# Freight Needs – Prioritization

Chris Ryan | HDR Deputy Project Manager

# Freight Needs and Issues Identification

## Data-Identified Needs

- Roadway Crash Data
- Highway-Rail Crash Data
- Truck GPS Data
- Vertical Clearance
- Infrastructure Condition Data

## Stakeholder-Identified Needs

- Stakeholder Interviews
- Online Survey
- Manufacturers' Perspectives Study
- Previous Plans and Studies

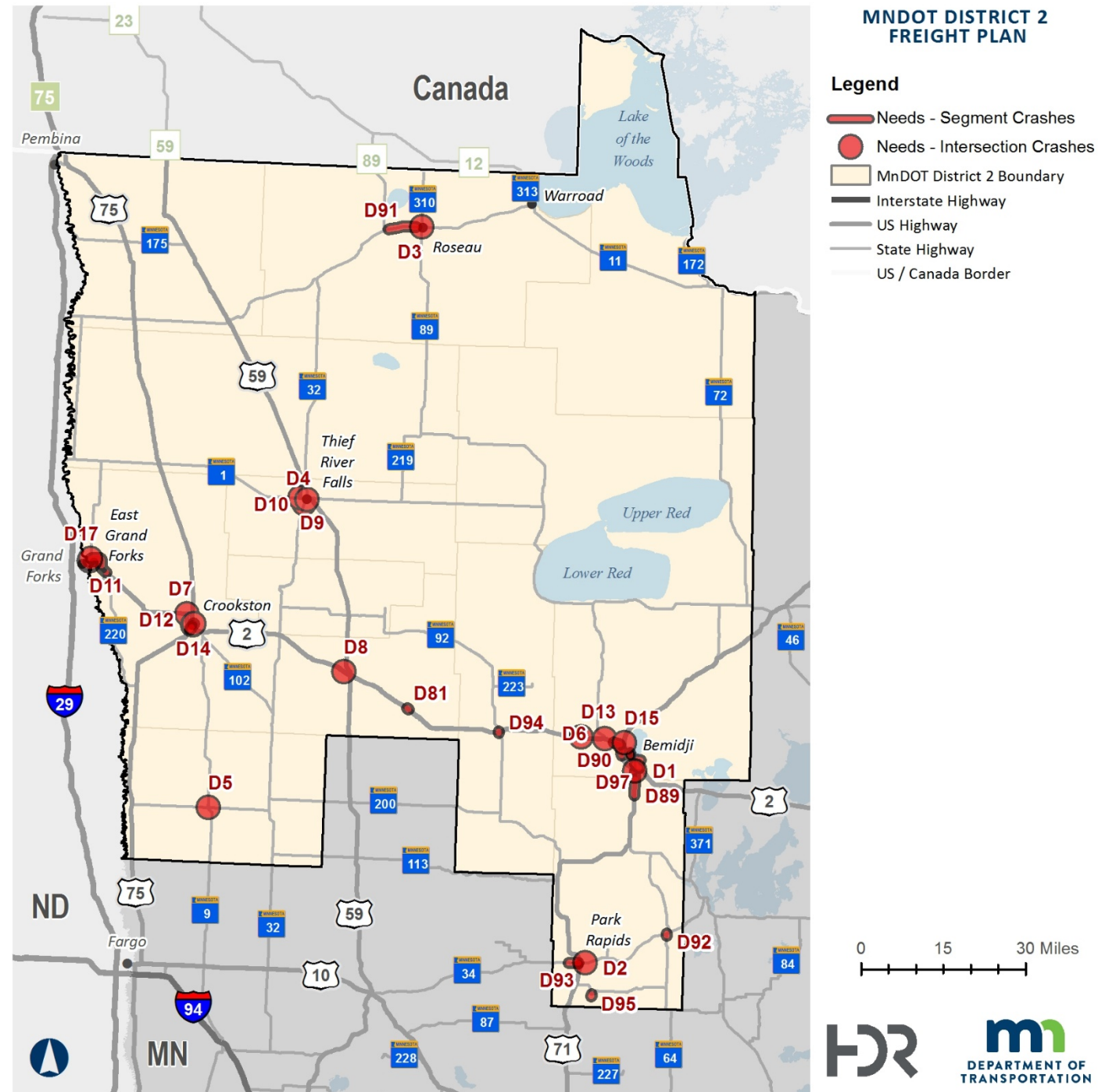
# Freight Needs Categories

- Safety → Freight Plan Goal: **Safeguard Minnesotans**
- Mobility → Freight Plan Goal: **Improve Minnesota's Mobility**
- Condition → Freight Plan Goal: **Preserve Minnesota's Infrastructure**



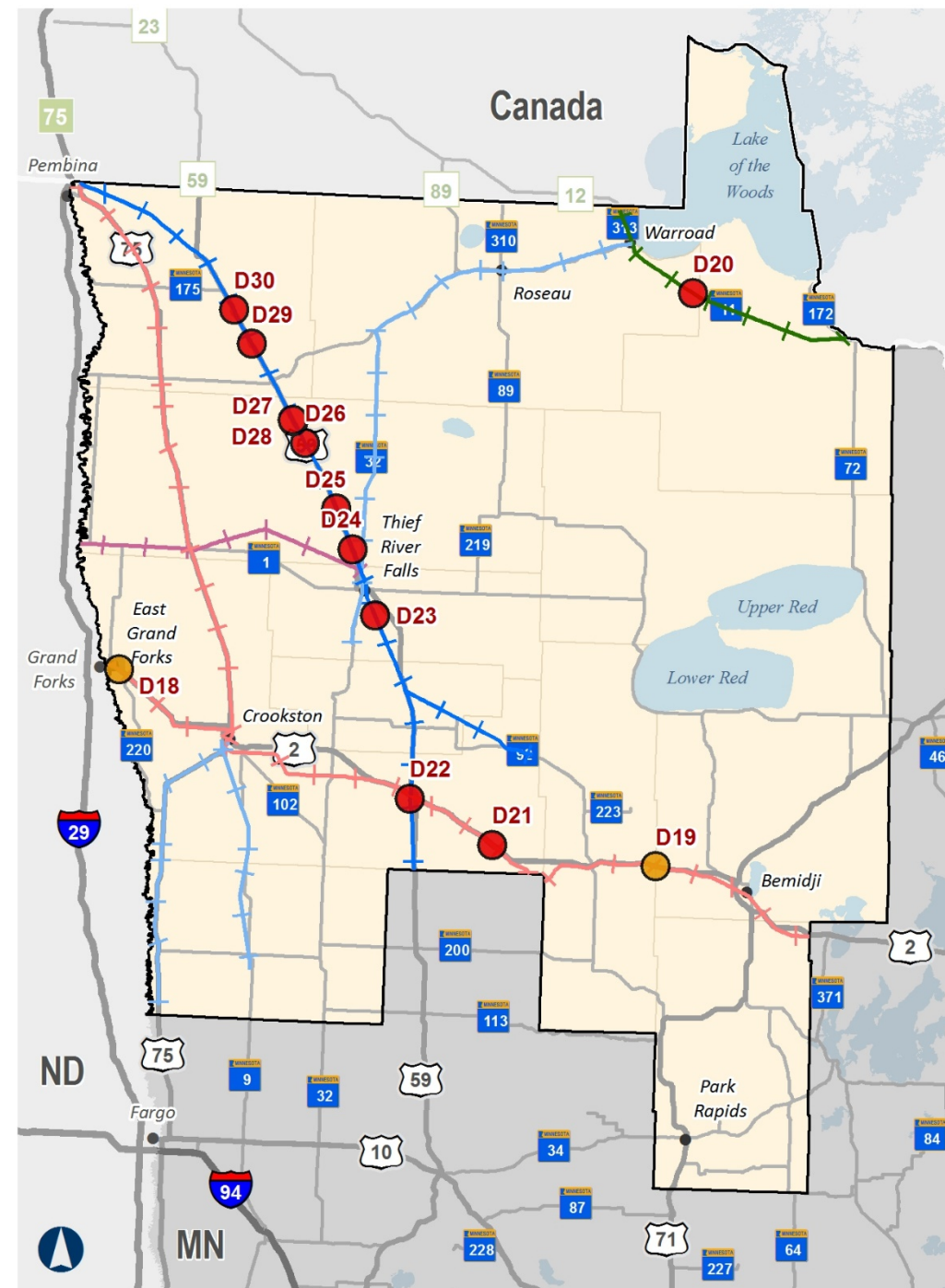
# Safety: Truck Crashes

- 10-years crash data (2009-2018)
- 420 intersection crashes
  - $\geq 3$  crashes
  - **18 intersections**
- 452 segment crashes
  - $\geq 2$  crashes,  $\geq 1$  crash/mi.
  - **19 segments**

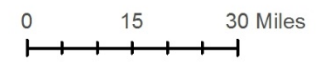


# Safety: Grade Crossings

- Rail Grade Crossing Safety Project Selection Study
  - Rating of 8 or 9
  - **10 crossings**
- Grade 5-year crash history
  - $\geq 2$  crashes
  - **2 crossings**

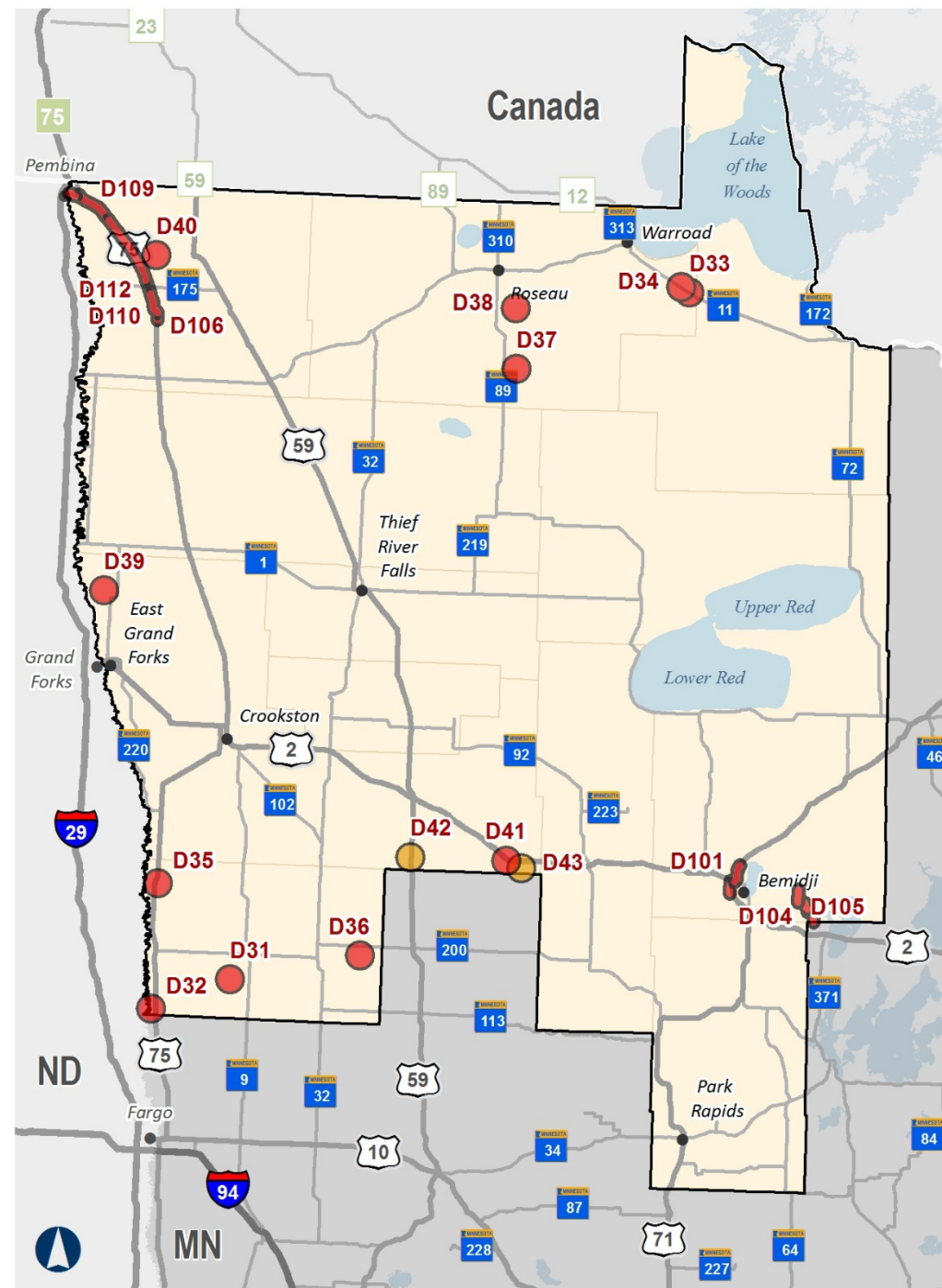


- Legend**
- Needs - Multiple Crashes
  - Needs - Risk Rating >7
  - BNSF
  - CN
  - MNN
  - NPR
  - CP (SOO)
  - ▭ MnDOT District 2 Boundary
  - Interstate Highway
  - US Highway
  - State Highway
  - US / Canada Border



# Mobility

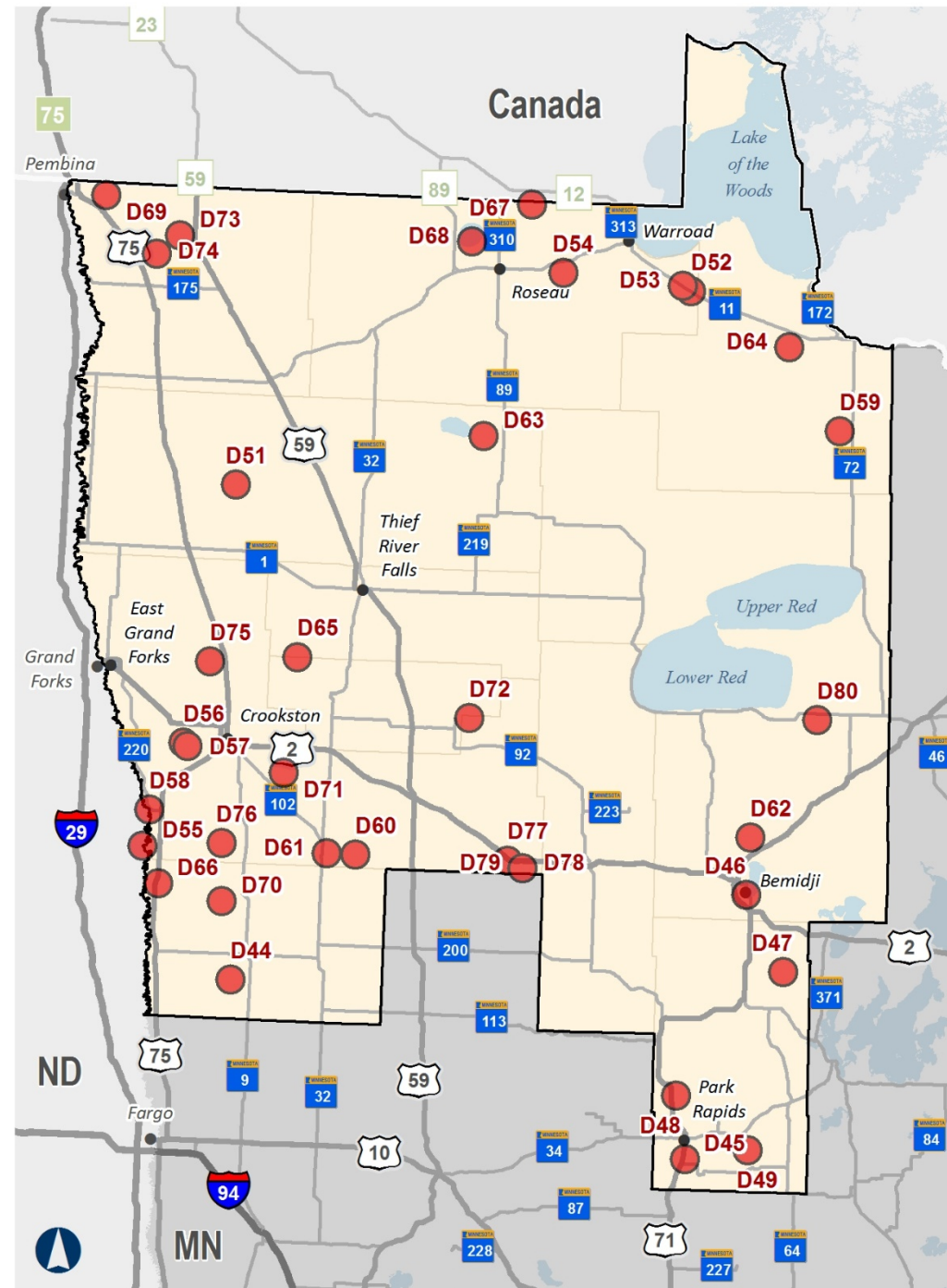
- Truck Travel Time Reliability
  - TTRI > 8
  - Trip Samples > 100
  - Segment Length > 1 mile
- Bridge Vertical Clearance
  - < 14' 6"
  - 2 bridges
- Bridge Weight Limit
  - Weight Limit ≤ 15 tons
  - 11 bridges





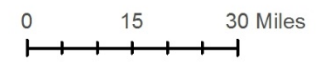
# Condition

- Bridge Condition
  - Deck, Superstructure, or Substructure rated  $\leq 4$  out of 10
- Pavement Quality
  - No MnDOT roads rated as “poor”
  - Some stakeholder feedback on portions of poor quality local and County roads



**Legend**

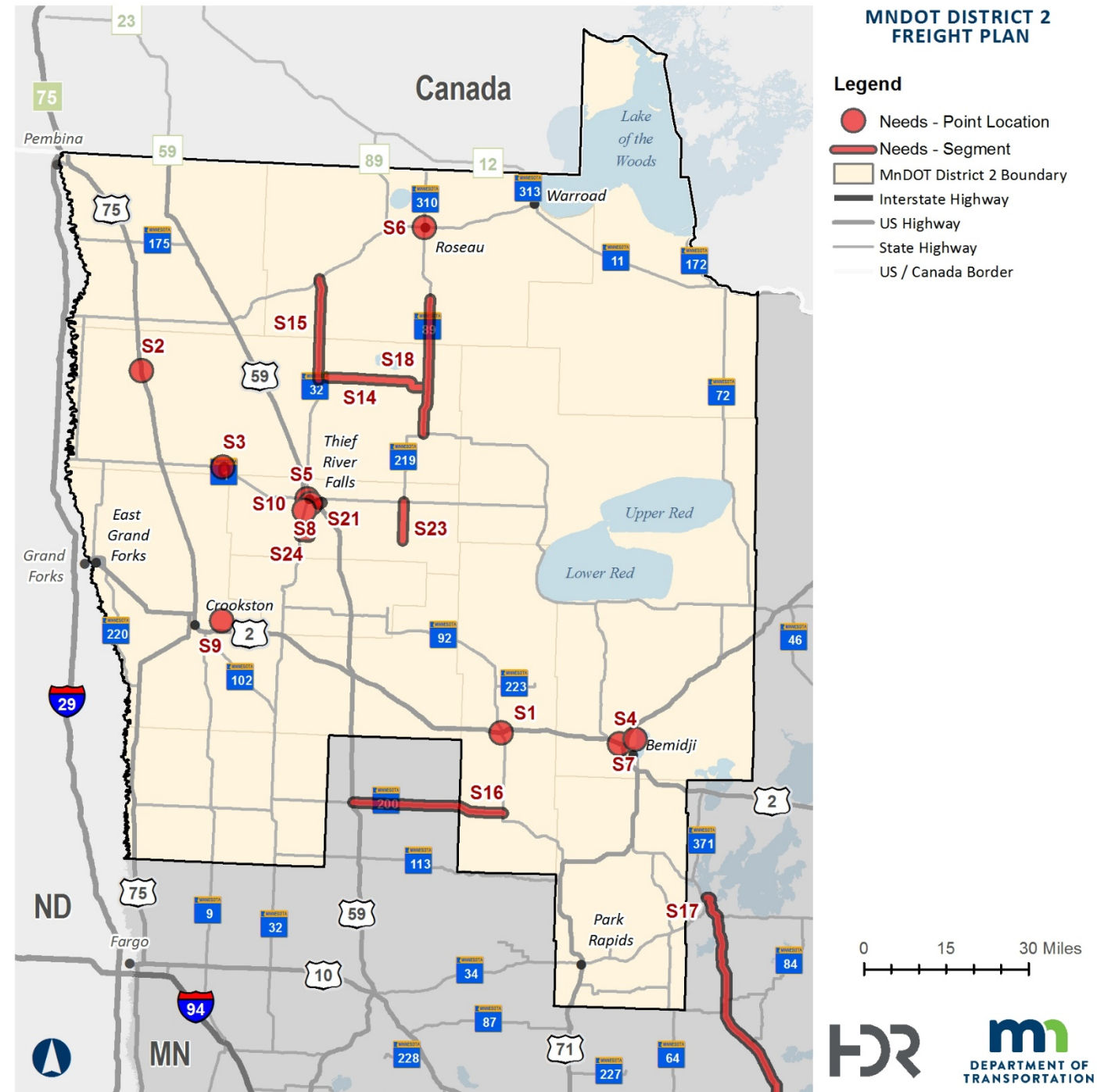
- Needs - Bridge Condition
- ▭ MnDOT District 2 Boundary
- ▬ Interstate Highway
- ▬ US Highway
- ▬ State Highway
- ▬ US / Canada Border



# Stakeholder

- Manufacturers' Perspectives Study
- Safety: 7 issues
  - Bypass lanes, specific intersection issues, narrow roadways/shoulders
- Condition: 5 issues
  - Rough pavement, bumps/dips
- Mobility: 9 issues
  - Passing lanes, 2- to 4-lane

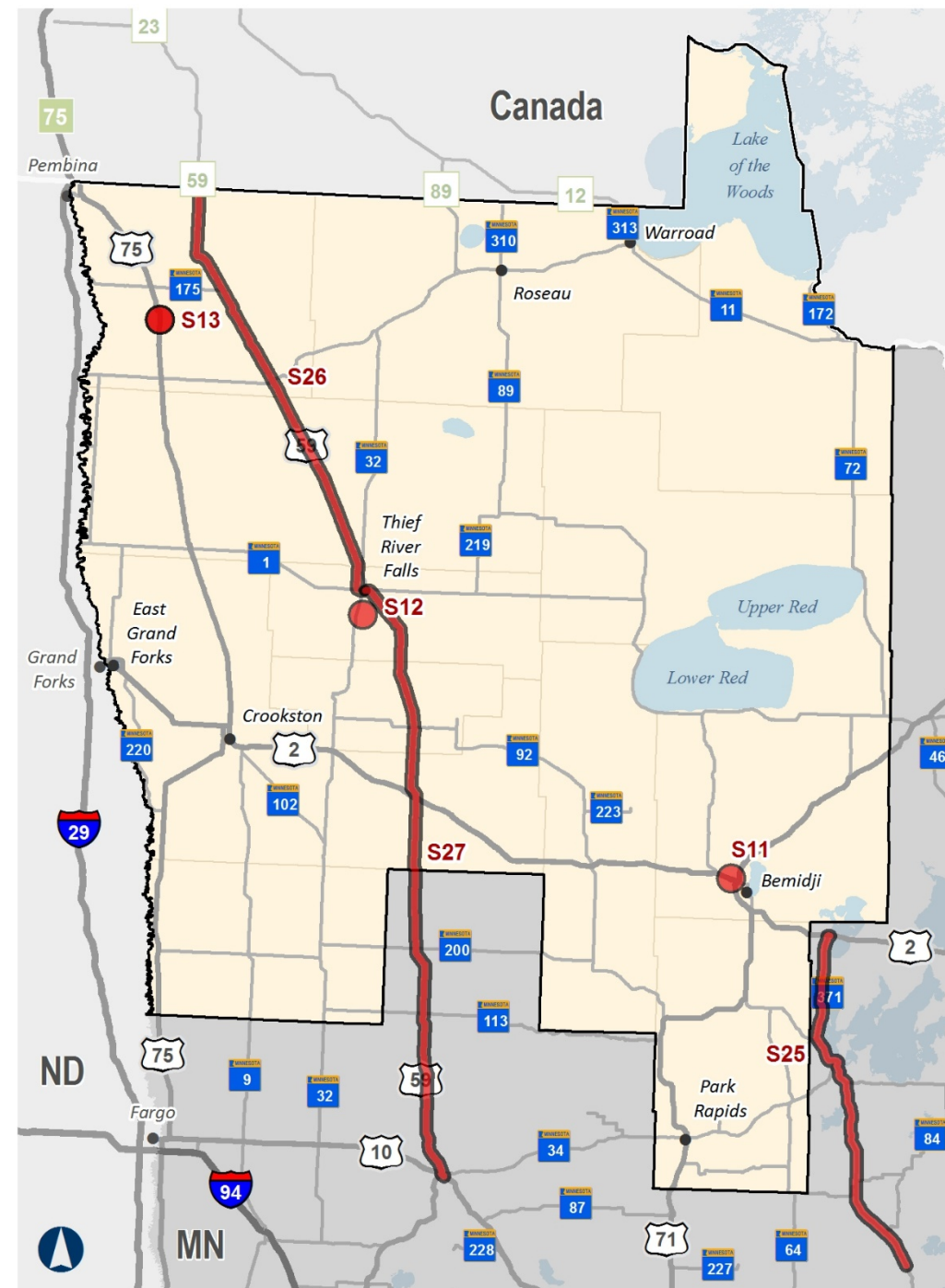
6/1/2020



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# Stakeholder

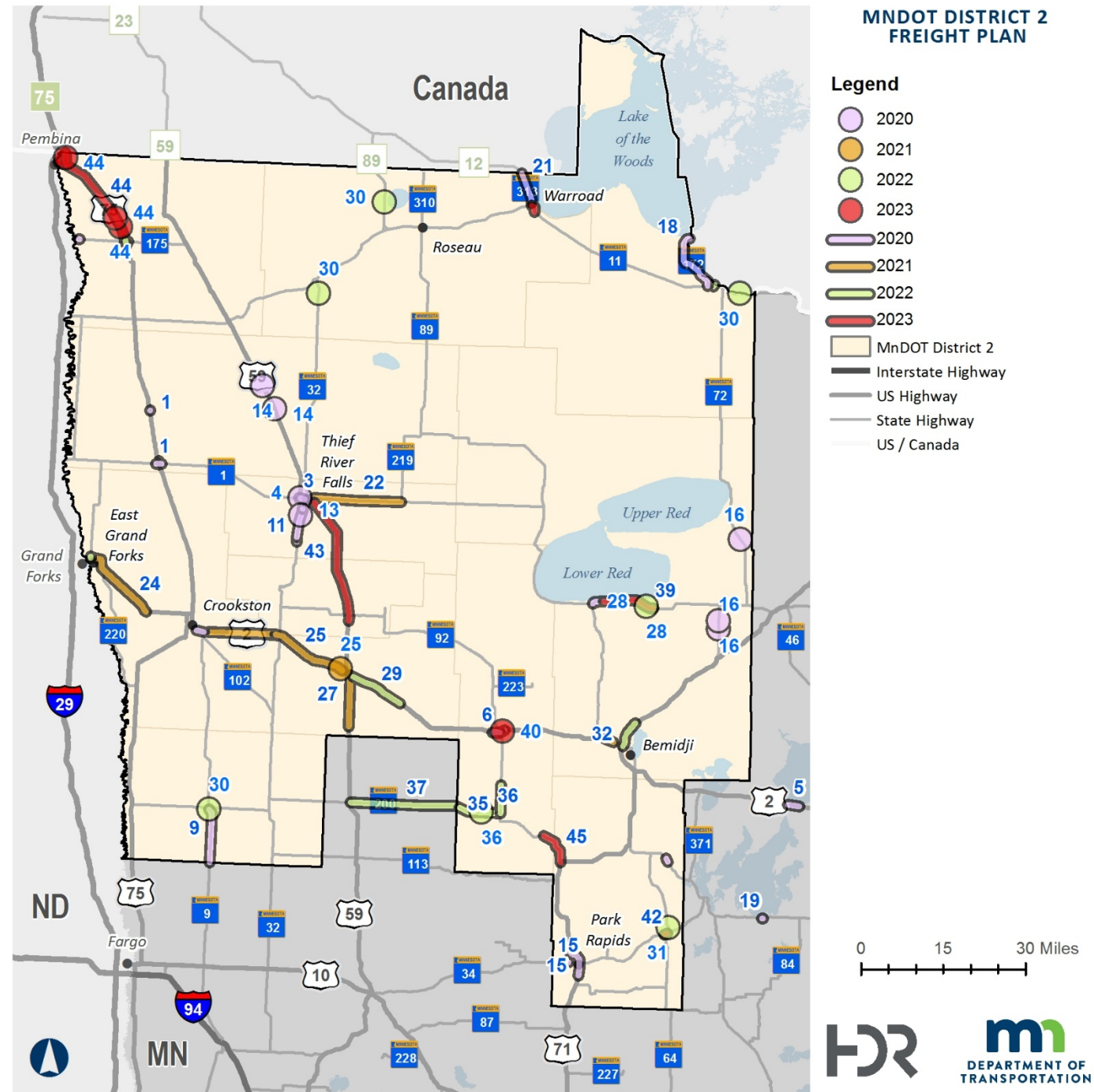
- Interviews and Online Survey
- Common responses
  - Expansion of TH 59 from 2-lane to 4-lane
  - Runway extension at Thief River Falls Airport
  - Upgraded maintenance facility at Bemidji Airport





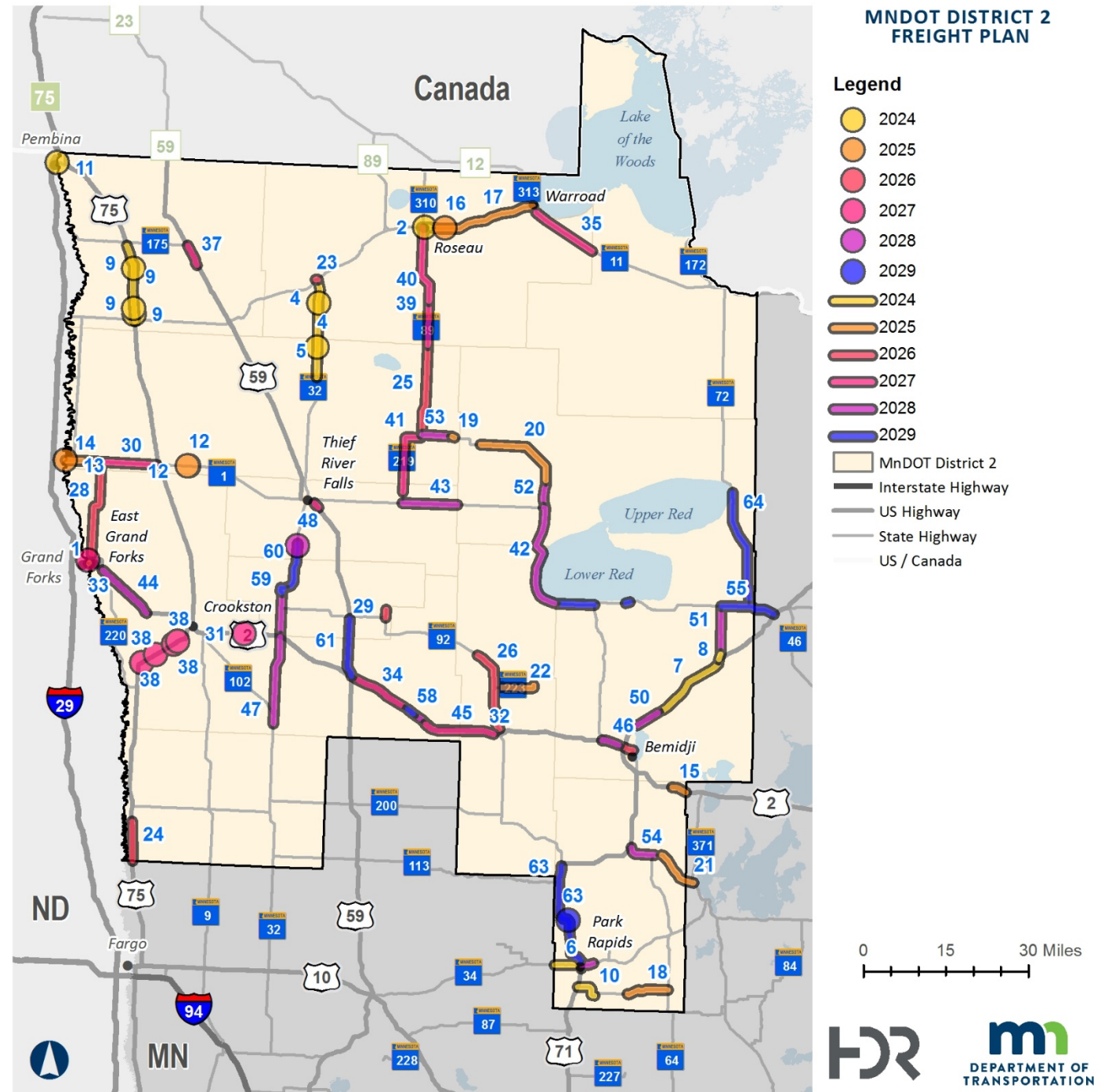
# Programmed Projects

- State Transportation Improvement Program (STIP)
- Years 2020 – 2023
- \$6.7 Billion in federal, state, and local funds statewide



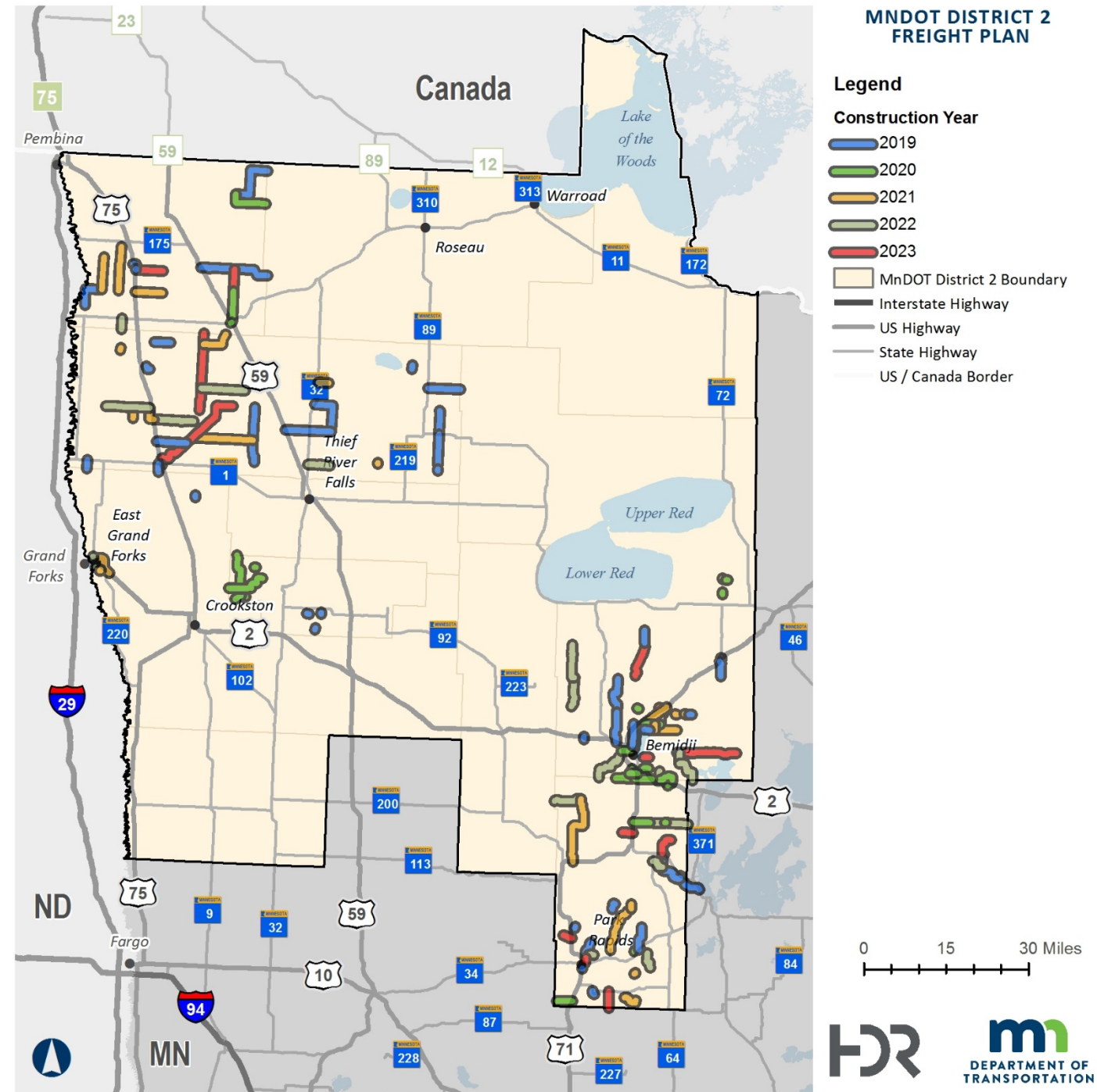
# Programmed Projects

- Capital Highway Investment Plan (CHIP)
- Years 2024 - 2029
- \$10.6 Billion in infrastructure investment statewide



# Programmed Projects

- County Capital Improvement Plans (CIP)
- Available for Kittson, Marshall, Beltrami, Polk, Red Lake, and Hubbard Counties



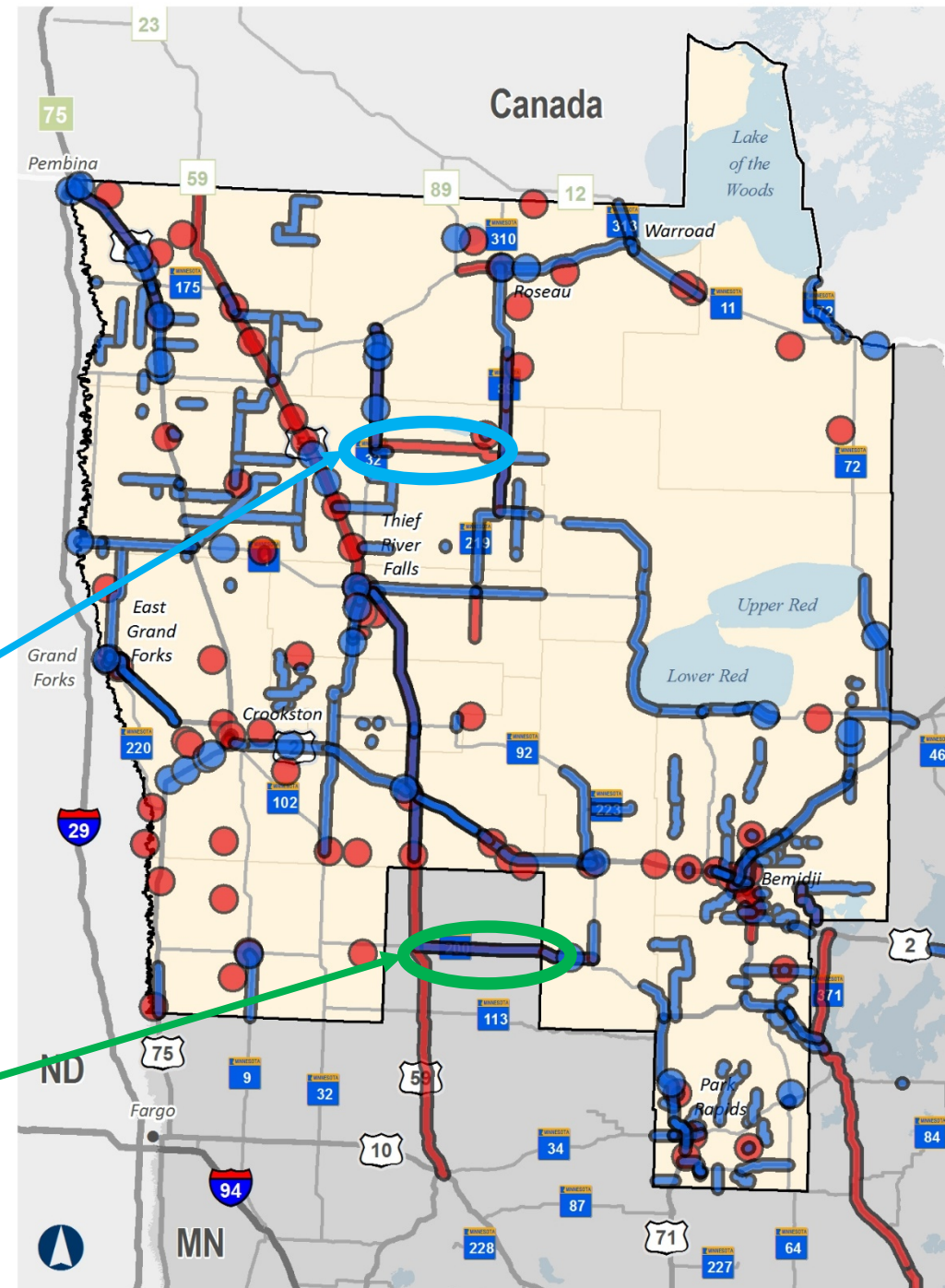


# Gap Identification

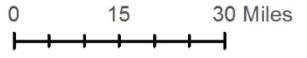
- Gaps identified by comparing freight needs with programmed projects

Freight need not addressed

Freight need addressed



- Legend**
- All Needs - Point Locations
  - All Needs - Segments
  - Programmed - Point Locations
  - Programmed - Segments
  - MnDOT District 2 Boundary
  - Interstate Highway
  - US Highway
  - State Highway
  - US / Canada Border



# Project Scoring and Prioritization

## Project scoring process

1. Assign score based on criteria in each area of need (Safety, Mobility, Condition)
2. Calculate total raw score for “pure ranking”
3. Work with PAC to develop preferred scoring weights

# Project Scoring and Prioritization

## Truck Volume Score

Average Truck Volumes	Score
< 50	0
50 - 250	1
250 - 500	2
500 - 750	3
750 - 1,000	4
> 1,000	5

## Truck Percentage Score

Average Truck Percentages	Score
< 2.5%	0
2.5 - 5.0%	1
5.0 - 7.5%	2
7.5 - 12.5%	3
12.5 - 25%	4
> 25%	5

# Project Scoring and Prioritization

## Truck Crash Score

Intersections	Segments	Score
No crashes	No crashes	0
1-2 crashes	0-1 crash per mile	1
> 2 crashes	> 1 crash and >1 crash/mile	5

## Grade Crossing Score

Risk Rating	Score
0	0
1 - 2	1
3 - 4	2
5 - 6	3
7 - 8	4
9	5

# Project Scoring and Prioritization

## TTRI Score

TTRI	Score
1.0 - 1.5	0
1.5 - 2.0	1
2.0 - 4.0	2
4.0 - 6.0	3
6.0 - 8.0	4
> 8.0	5

## Bridge Vertical Clearance Score

Minimum Vertical Clearance	Score
> 16.5 feet	0
14.5 - 16.5 feet	1
13.5 - 14.5 feet	3
< 13.5 feet	5



# Project Scoring and Prioritization

## Bridge Posted Weight Limit Score

Bridge Posted Weight Limit	Score
No posted limit	0
30-40	2
20-30	3
10-20	4
< 10	5

## Bridge Condition Score

Bridge Condition	Score
No scores < 5	0
1 score < 5	1
2 scores < 5	3
3 scores < 5	5

# Project Scoring and Prioritization

## Truck Volume Score

- Max score of 10 for truck volume and truck percentage

## Safety Score

- Max score of 10 for truck crashes and grade crossings

## Mobility Score

- Max score of 15 for TTRI, vertical clearance, and bridge weight limit

## Condition Score

- Max score of 5 for bridge condition

# Final Score Calculation

- **Total Possible Score** = Maximum possible score based on relevant criteria
- **Total Score** = Actual score based on scoring ranges
- **Percent Score** =  $\text{Total Score} / \text{Total Possible Score}$
- **Pure Ranking** = Sort Percent Score from high to low
  - Tie-breakers determined by truck percentage (higher percentage gets higher ranking)
- **Adjusted Ranking** = Incorporates additional scoring criteria to give 10 points to stakeholder-identified issues using same ranking process

# Final Ranking and Selection

Rank	IssueID	Source	Roadway	Category	Details
1	D12	MnDOT 10-Year Crash Data	Robert St	Safety	Intersection with high crash density
2	D14	MnDOT 10-Year Crash Data	W 6th St	Safety	Intersection with high crash density
3	D17	MnDOT 10-Year Crash Data	Central Ave	Safety	Intersection with high crash density
4	D3	MnDOT 10-Year Crash Data	3rd St NW	Safety	Intersection with high crash density
5	S1	Previous Plans/Studies	Main Ave	Mobility	Trucks have difficulty with signal, turn onto city streets to avoid movement (NB to EB and WB to SB movements)
6	D68	MnDOT Bridge Inventory Data	350th Ave	Condition	One or more bridge ratings < 5
7	S11	Stakeholder Interviews	Bemidji Airport	Condition	Request for new airport maintenance facility.
8	S12	Stakeholder Interviews	TRF Airport	Mobility	Request for runway extension to allow for larger airplanes.
9	S8	Previous Plans/Studies	Pennington Ave S	Safety	Small radius of roundabout causes some issues for truck movements, particularly in icy winter conditions.
10	S6	Previous Plans/Studies	Center St W	Safety	Signalized intersection requested to improve safety.
11	D5	MnDOT 10-Year Crash Data	E Main St	Safety	Intersection with high crash density
12	D6	MnDOT 10-Year Crash Data	USTH 2	Safety	Intersection with high crash density
13	S4	Previous Plans/Studies	USTH 2	Safety	Unsafe signal, reports of WB trucks not seeing signal in time to stop and running light.
14	D11	MnDOT 10-Year Crash Data	Demers Ave	Safety	Intersection with high crash density
15	S14	Previous Plans/Studies	MNTH 89	Mobility	Request for 10-ton road to allow deliveries in the spring
16	D33	MnDOT Bridge Inventory Data	T-26	Mobility	Posted weight limit <= 15 tons
17	D40	MnDOT Bridge Inventory Data	310th St	Mobility	Posted weight limit <= 15 tons
18	D52	MnDOT Bridge Inventory Data	T-26	Condition	One or more bridge ratings < 5
19	D74	MnDOT Bridge Inventory Data	310th St	Condition	One or more bridge ratings < 5
20	S3	Previous Plans/Studies	220th St NW	Mobility	Turn lane requested onto 220th St from TH 1 WB.
21	S2	Previous Plans/Studies	USTH 75	Mobility	Bypass lane requested due to heavy truck traffic.
22	S13	Stakeholder Interviews	210th St	Safety	Request for designated turn lane.
23	S5	Previous Plans/Studies	3rd St W	Safety	Bypass lane requested on US 1. Many vehicle pass on shoulder to pass left-turning vehicles.
24	D7	MnDOT 10-Year Crash Data	USTH 2	Safety	Intersection with high crash density
25	D9	MnDOT 10-Year Crash Data	MNTH 1	Safety	Intersection with high crash density
26	D10	MnDOT 10-Year Crash Data	Main Ave	Safety	Intersection with high crash density
27	S7	Previous Plans/Studies	Bemidji Ave N	Safety	Request for bypass lane at business entrance.
28	S9	Previous Plans/Studies	260th St SW	Mobility	Bypass lane requested.
29	D16	MnDOT 10-Year Crash Data	Demers Ave	Safety	Intersection with high crash density
30	D100	StreetLight Data Analysis		Mobility	Segment with TTRI > 8
31	D97	MnDOT 10-Year Crash Data	Washington Ave SW	Safety	Segment with high crash density
32	D80	MnDOT Bridge Inventory Data		Condition	One or more bridge ratings < 5
33	D90	MnDOT 10-Year Crash Data	USTH 2	Safety	Segment with high crash density
34	D4	MnDOT 10-Year Crash Data	MNTH 32	Safety	Intersection with high crash density
35	D15	MnDOT 10-Year Crash Data	Anne St NW	Safety	Intersection with high crash density
36	D85	MnDOT 10-Year Crash Data	N Broadway	Safety	Segment with high crash density
37	D96	MnDOT 10-Year Crash Data		Safety	Segment with high crash density
38	D98	MnDOT 10-Year Crash Data		Safety	Segment with high crash density
39	D99	MnDOT 10-Year Crash Data		Safety	Segment with high crash density
40	S20	Previous Plans/Studies		Condition	Request for gravel road to be paved to improve truck/business access.
41	S21	Previous Plans/Studies		Mobility	Request for Greenwood Street to cross river and connect with US 1 to north.

# Development of Project Concepts

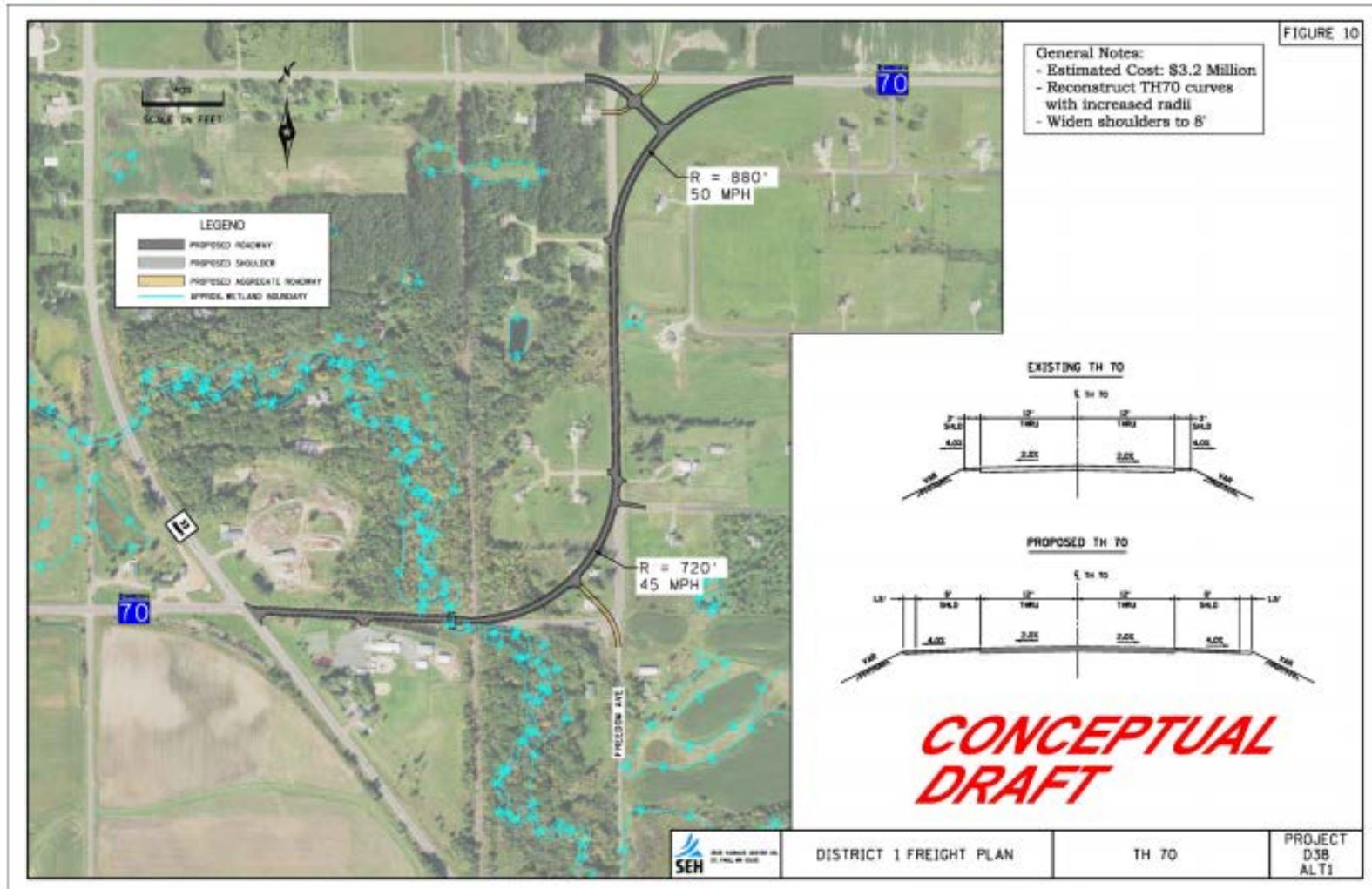
Chris Ryan | HDR Deputy PM

# Locations for Concept Development

- Use scoring spreadsheet/Google Earth to walk through highest rated issues.

3rd St NW	Intersection with high crash density	Look at larger corridor - TH 11/TH 89 intersection was reconstructed in 2015. Freight challenges along TH 89 corridor in Roseau, including local desire for corridor improvements. Include signal at Center St W.
Central Ave	Intersection with high crash density	Forks MPO completed a MN 200 Corridor Study in June 2019. HDR will validate that their improvement options work for trucks - when appropriate, suggest adjustments
Main Ave	Trucks have difficulty with signal/turn onto city street	Intersection was reconstructed in 2018 - significant ROW issues present. HDR will develop concept for a local truck route w/considerations for being a 10 ton route
E Main St	Intersection with high crash density	Two way stop intersection - This may require further examination of crashes. HDR will take a look and if feasible suggest an improvement, if not we will add this as a need requiring further study in the report
Demers Ave	Intersection with high crash density	Trucks have turning radius issues. Signal system will be replaced in FY2024.
220th St NW	Turn Lane from 220th ST from TH 1 WB	Stakeholder request - Is the turn lane warranted (HCAADT)? What would turn lane look like? Segment not included in 10 year plan, but could be included in future MnDOT/County scoping efforts
USTH 75	Bypass lane requested due to high truck traffic	Stakeholder request - Multiple access points in this 1/4 mile section. Is there additional info from a previous plan or study? What would this look like?
USTH 2	Intersection with high crash density	Look at larger area between BYP JCT to the east at the North TH 75 junction for freight challenges. Snow fences have been recommended in this area before
Anne St NW	Intersection with high crash density	Design is underway through this intersection. Alternatives include a roundabout at this intersection. Project programmed in FY 22. HDR will suggest ways to make a roundabout truck friendly (using existing sources) and look at specific issues at the present intersection (pre-conceptual design)
MN 87 to RP 47	Curves/Shoulders	Need to address sharp curves east of Hubbard (look at corridor including shoulder widening)
MN 11 to RP 75	Curves	Address sharp curves near Roseau Airport
US 71 to RP 264	Access	Improve access to CSAH 28 Truck Route approx. 3.2 miles north of Park Rapids
US 59 to RP 356	Shoulder Width	Widen shoulders south of Thief River Falls
MN 371 to RP 91	Truck Route	In Walker, truck route establishment between MN 371 and MN 34

# Example – District 1



- Create Final Report
- Final PAC Meeting
  - Focus on the final report
  - Edits/Comments



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State Freight Planner  
Office of Freight and Commercial Vehicle Operations  
Minnesota Department of Transportation

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Tel: 651-366-3644

# Stakeholder Outreach - Results

Dan Haake | HDR Project Manager

# Public Advisory Committee



The PAC has previously met two times to share information, review intermediate planning documents and provide feedback on plan development.

## Monday, July 8, 2019

- ✓ Thief River Falls City Hall
- ✓ 15 attendees
- ✓ **Discussion** | Plan overview, stakeholder engagement, transportation operations discussion

## October 14, 2019

- ✓ MnDOT District 2 Headquarters in Bemidji
- ✓ 20 attendees
- ✓ **Discussion** | Outreach summary, freight systems profiles, mapping exercise

# Stakeholder Interviews

## Questions Included:

- ✓ Type of industry
- ✓ How their business uses and relies on the freight system
- ✓ Economic factors (types of goods, vehicle types, typical routes)
- ✓ Identification of freight system issues that most impact their business (policy-related, pavement conditions, route restrictions)

We conducted **nine** stakeholder interviews to identify current freight needs and issues in District 2.



## Stakeholders Included:

Paradis Inc. Thief River Falls Airport  
CHS Northland Grain  
Bemidji Aviation Grand Forks – East Grand Forks Metropolitan Planning Organization  
Digi-Key Textron FedEx Central Boiler

# Online Engagement



**32 responses** were collected  
*from our stakeholders and the community*

**2** carriers      **2** receivers      **8** selected more  
**1** government   **7** shippers      than one option

Distributed on **MnDOT's**  
**social media channels**

Ran for **2 weeks**   **327** link clicks  
**14,568** saw the ad at least once



Encouraged project partners to  
**share on their channels**

An online survey was distributed including similar questions as the stakeholder interview.

Hey:  
Northwest Minnesota  
We want to hear from you!

m1  
DEPARTMENT OF  
TRANSPORTATION

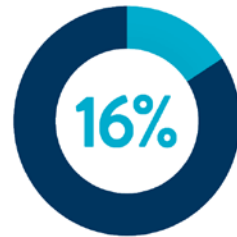
# Freight Profile: Update

Chris Ryan | HDR Deputy Project Manager

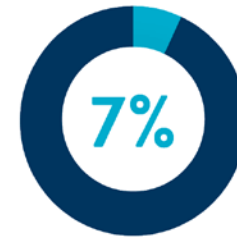
# District 2 Freight Transportation

MINNESOTA DEPARTMENT OF  
TRANSPORTATION - DISTRICT 2

## Freight Transportation Snapshot



22 of Minnesota's  
134 total airports  
are in District 2,  
which includes  
**2 cargo airports**



355 of the 4,839  
total Minnesota  
bridges are in  
this district



**1,803 miles**  
of (centerline)  
trunk highway  

---

**11,733 statewide**



**675 miles**  
of rail lines in  
active use  

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**4,449 statewide**



**4 major pipelines**  
transport natural  
gas and petroleum  
products to refineries  
in the Twin Cities

# District 2 Highway Freight System

## Highway Snapshot



**1,800**  
centerline miles

**3,900**  
lane miles

**6**  
intermodal terminals

### KEY FREIGHT CORRIDORS

**75** US 75

**2** US 2

**59** US 59

**71** US 71

**MINNESOTA**  
**11** MN 11



# District 2 Rail Freight System

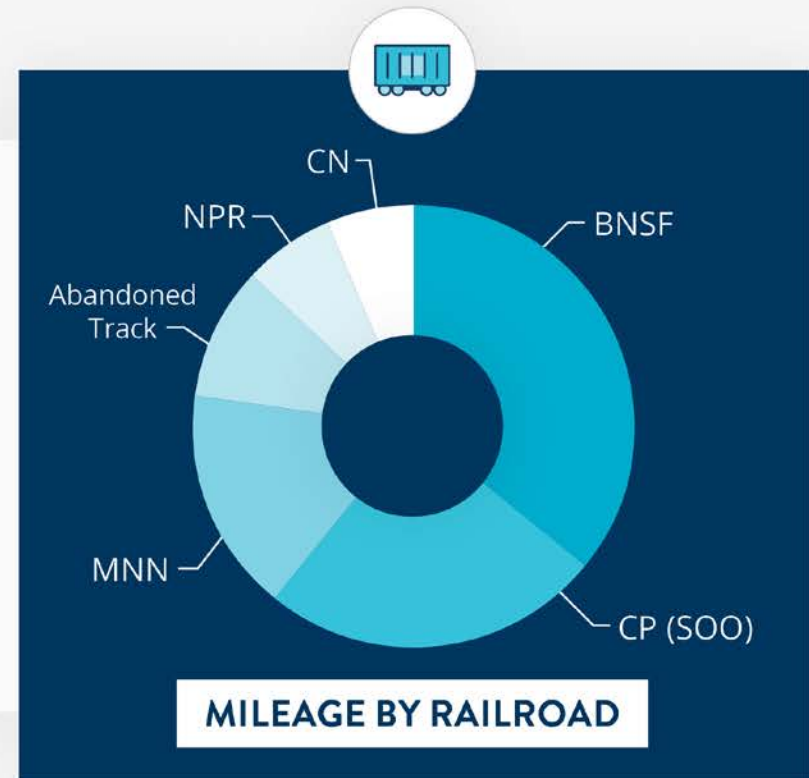
## Railroad Snapshot



**675 miles**  
of rail in District 2

**455 miles**  
designated as Class 1

**718**  
at-grade rail crossings



# District 2 Aviation Freight System

## Aviation Snapshot



**2 million+**  
pounds of freight  
exported annually



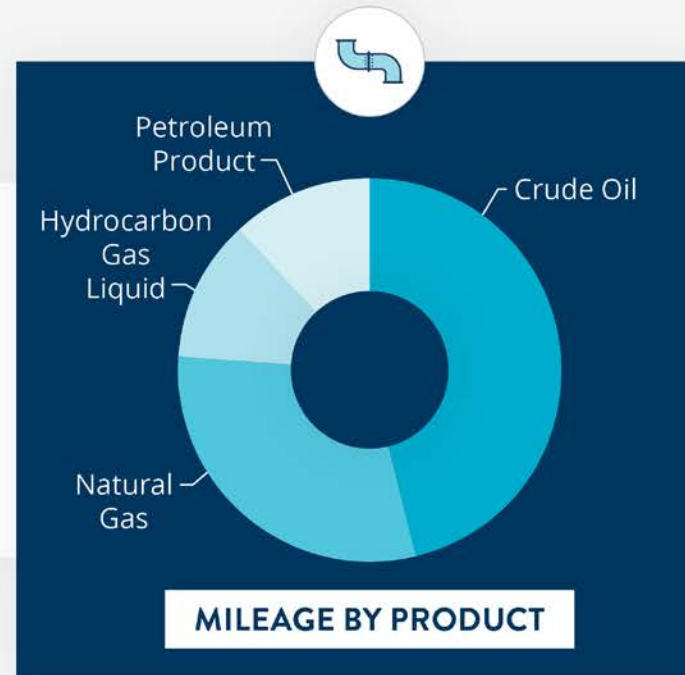
The **PRIMARY DESTINATION**  
for outgoing freight  
is Memphis, TN  
**1.5 million lbs/year**

# District 2 Pipeline Freight System

## Pipelines Snapshot

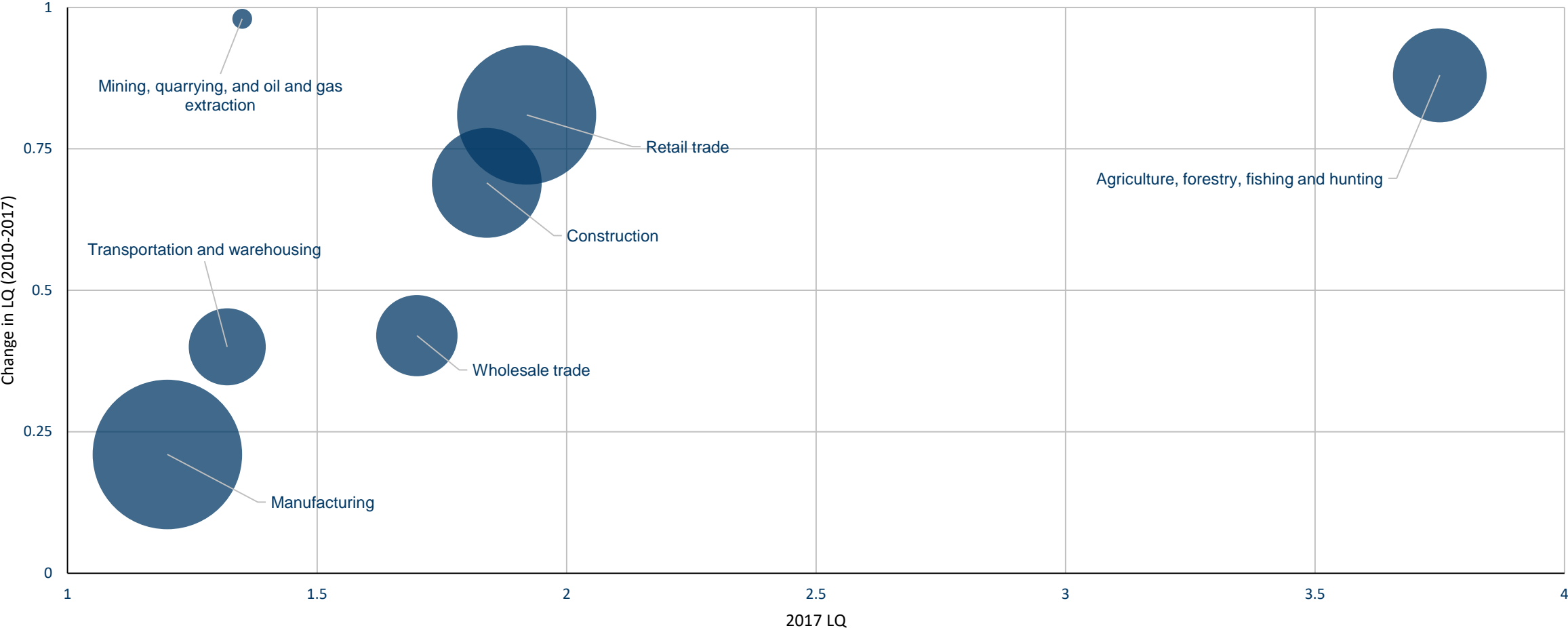


**1,259 miles**  
of pipeline in  
District 2

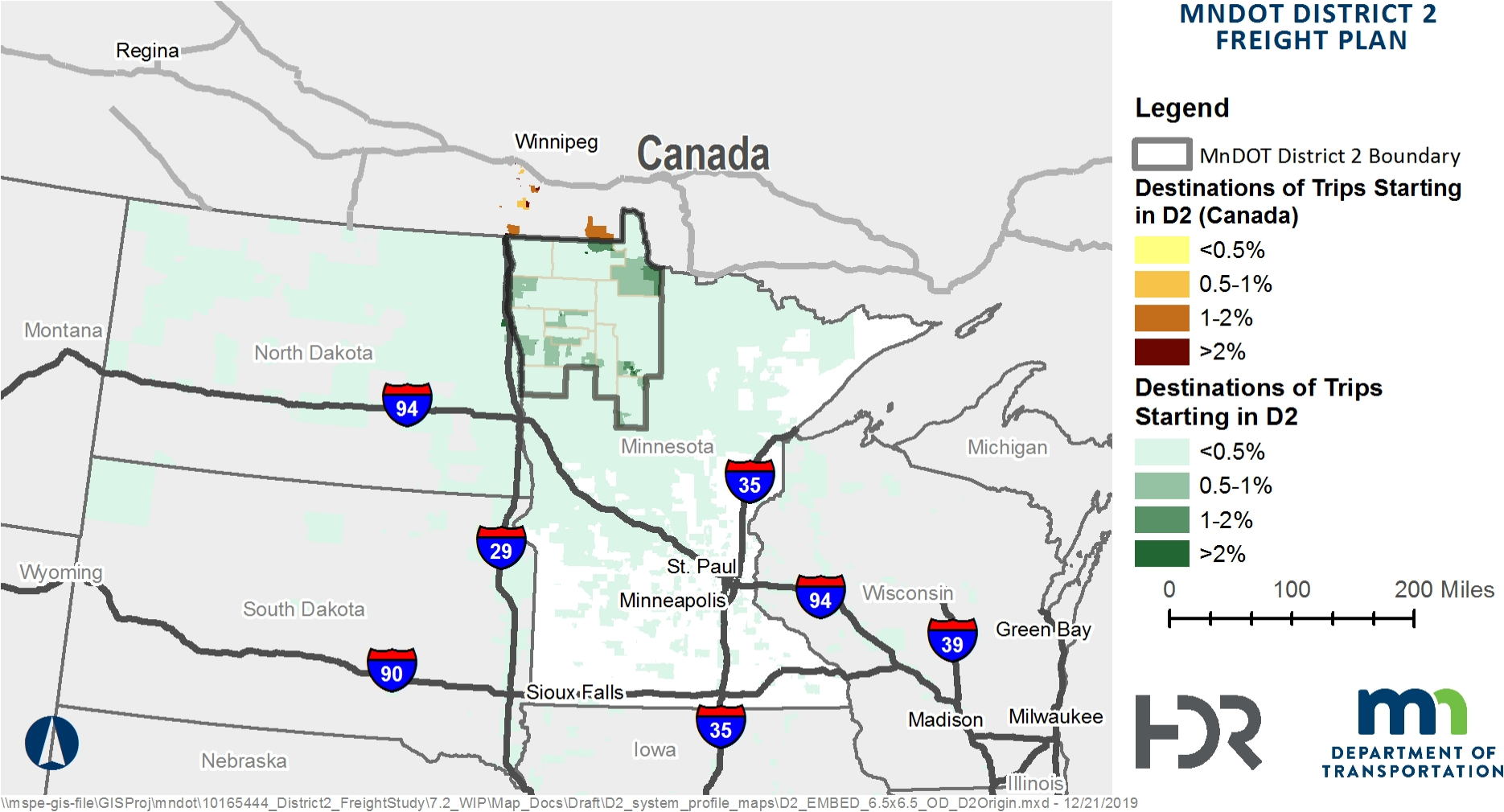


**CAPACITY** and  
**UTILIZATION** of  
pipeline network  
impacts the use of  
rail and truck modes.

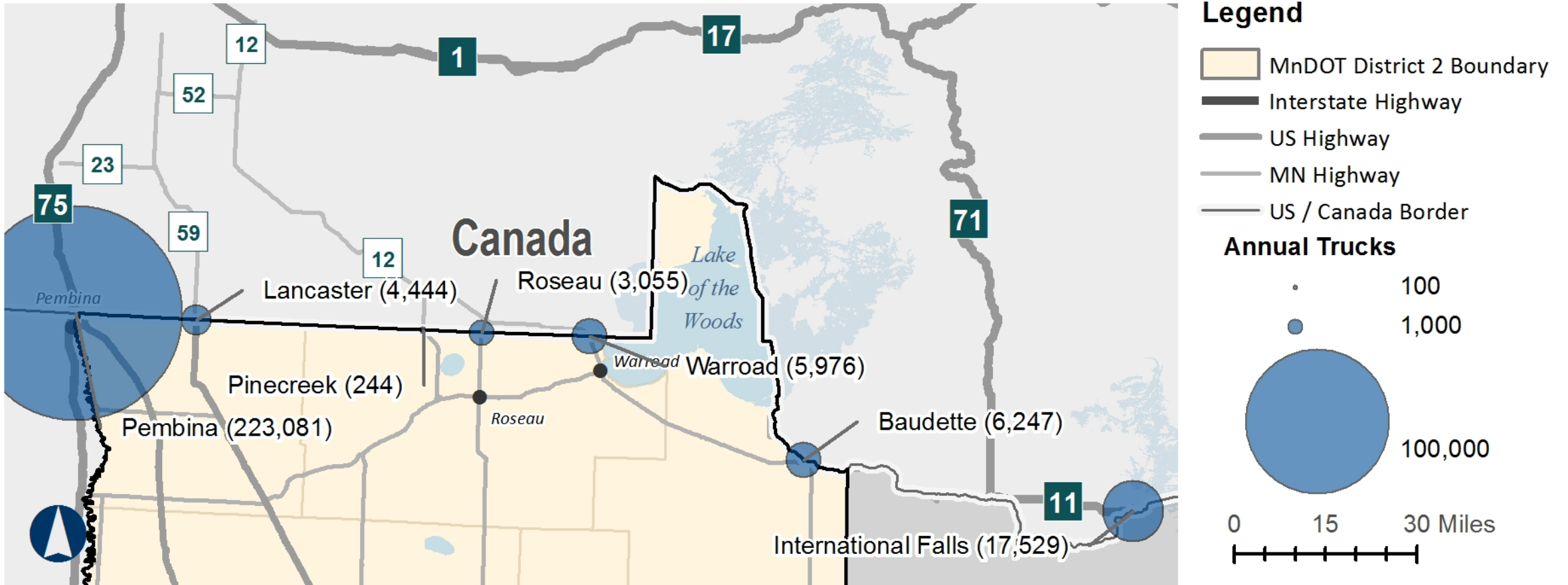
# District 2 Industry Size and Specialization



# District 2 Truck Trip Destinations



# Canadian Border Crossings (Truck)

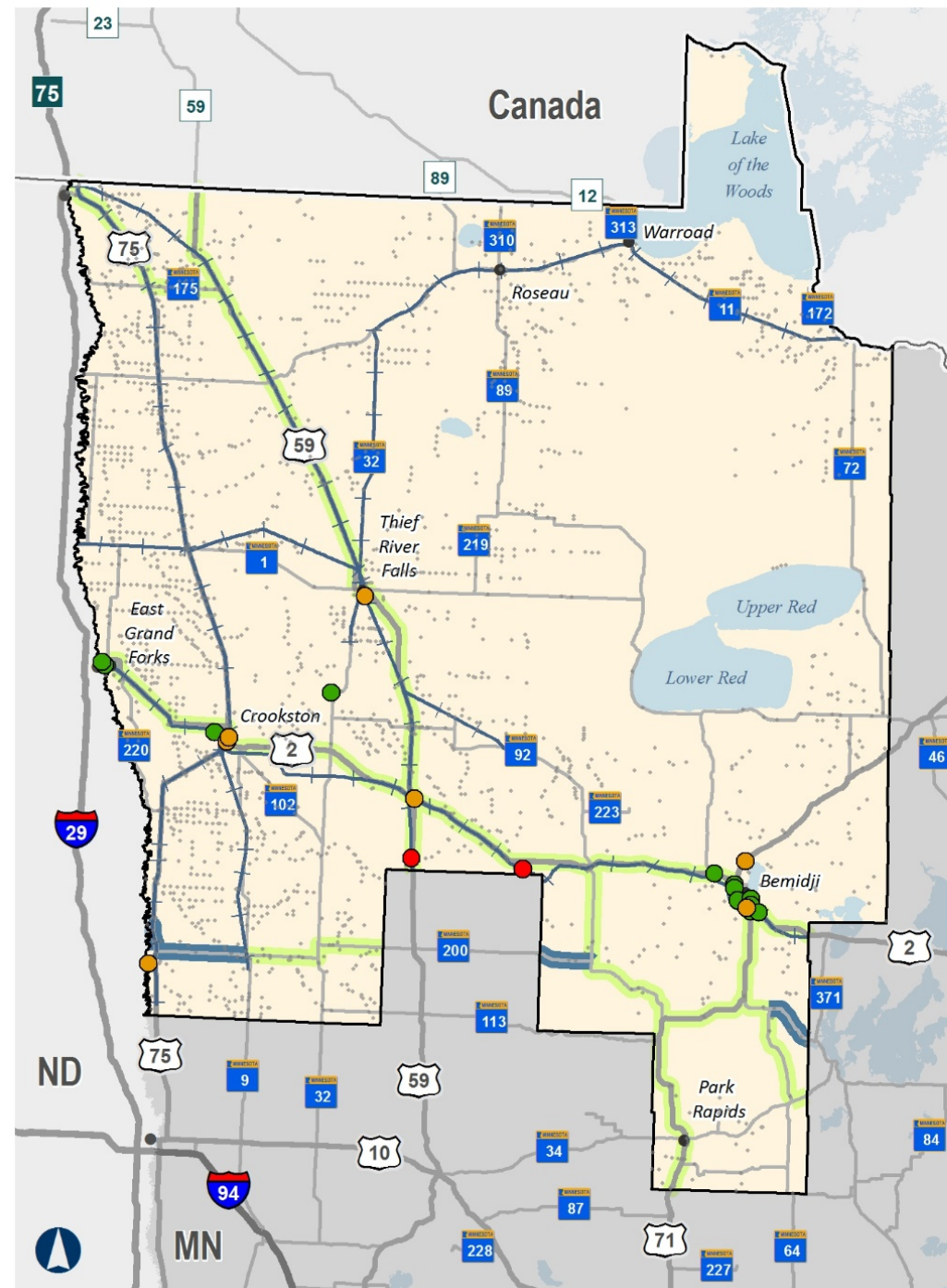


\\mspe-gis-file\GISProj\mndot\10165444\_District2\_FreightStudy\7.2\_WIP\Map\_Docs\Draft\D2\_system\_profile\_maps\D2\_EMBED\_6.5x6.5\_BorderCrossings.mxd - 12/20/2019

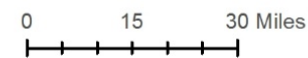


# Vertical Clearance/OSOW

## MNDOT DISTRICT 2 FREIGHT PLAN



- Legend**
- MnDOT District 2 Boundary
  - Interstate Highway
  - US Highway
  - MN Highway
  - US / Canada Border
  - Railroads
- Bridge Clearance**
- >16' 6"
  - 14' 6" - 16' 6"
  - <14' 6"
  - No Obstructions
- OSOW Superload Corridors**
- Some Restrictions
  - No Restrictions

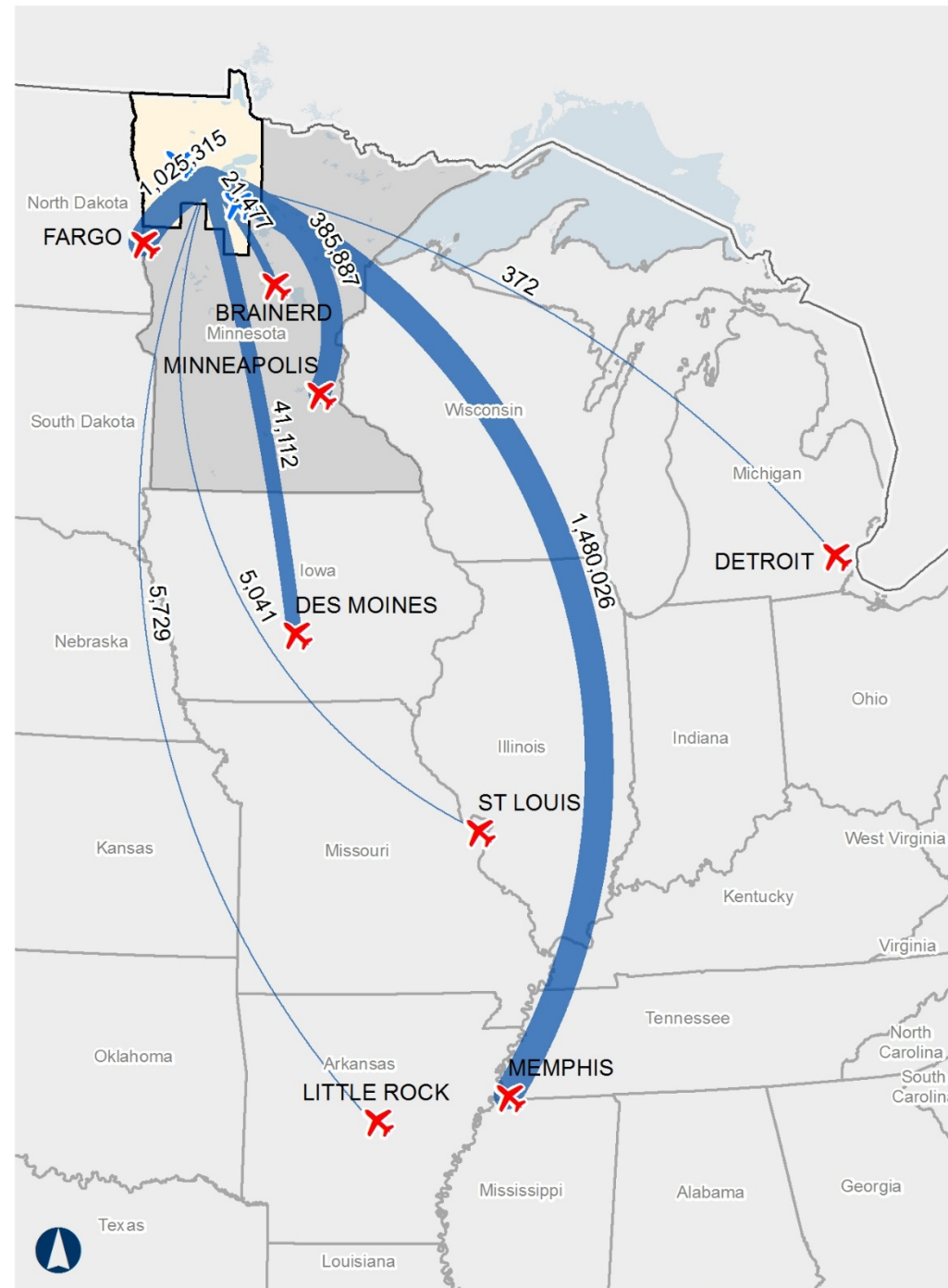


February 6, 2020



# District 2 Air Cargo Exports

Destination	Bemidji	Thief River Falls	TOTAL
Brainerd	15,202		
Des Moines		41,112	
Fargo	333,516	198,008	
Little Rock		5,729	
Memphis		1,480,026	
Minneapolis-St. Paul	75,533	2,473	
St. Louis		5,041	
<b>Total</b>	<b>242,251</b>	<b>1,732,389</b>	<b>2,156,640</b>



## MNDOT DISTRICT 2 FREIGHT PLAN

- Legend**
- MnDOT District 2
  - Air Cargo (Annual Lbs.)
  - District 2 Airports
  - Destination Airports

0 100 200 Miles



February 6, 2020