



**Location Map – Project D4-4 Murdock and Benson, Swift County**



Overall Weighted Score: **7.70**

**Figure 1: Mobility and Reliability Summary**

		Travel Time Reliability <sup>1</sup>	Speed Index <sup>2</sup>
Weekday	6a-10a	<b>Unreliable</b>	<b>Slow</b>
Weekday	10a-4p	<b>Unreliable</b>	<b>Slow</b>
Weekday	4p-8p	<b>Unreliable</b>	<b>Slow</b>
Weekend	6a-8p	<b>Unreliable</b>	<b>Slow</b>

<sup>1</sup> Segment considered unreliable if Level of Travel Time Reliability index is greater than 1.5

<sup>2</sup> Segment considered slow if Speed Index is less than 0.9

**Location Description:**

Two lane roadway with medium shoulder from outskirts of Benson to Murdock. Three lane roadway in Benson with shared left-turn lanes and multiple access points with couple signalized intersections.

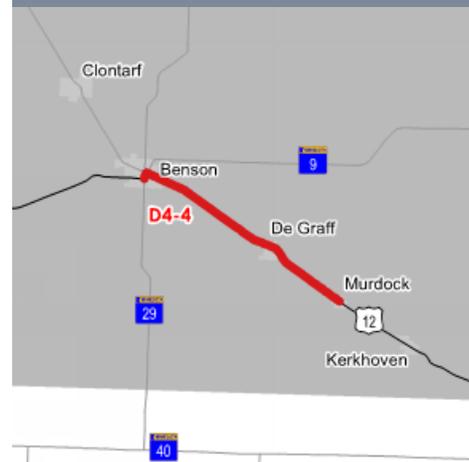
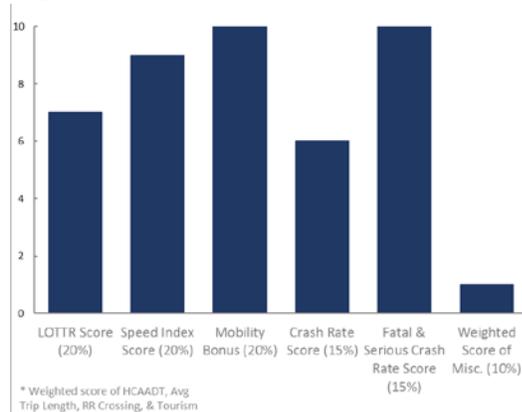
**District Input:**

At-grade railroad in Benson underpass. River and rail siding constraints. HCAADT has lots of trucks entering and exiting. 2 signals. NHS. 2017 ADA in Benson.

**Potential Follow-Up:**

Additional study needed

**Figure 2: Evaluation Criteria Scores**





**Location Map – Project D4-5 Moorhead, Clay County**



Overall Weighted Score: **7.17**

**Figure 1: Mobility and Reliability Summary**

		Travel Time Reliability <sup>1</sup>	Speed Index <sup>2</sup>
Weekday	6a-10a	Unreliable	Slow
Weekday	10a-4p	Unreliable	Slow
Weekday	4p-8p	Unreliable	Slow
Weekend	6a-8p	Reliable	Slow

<sup>1</sup> Segment considered unreliable if Level of Travel Time Reliability index is greater than 1.5

<sup>2</sup> Segment considered slow if Speed Index is less than 0.9

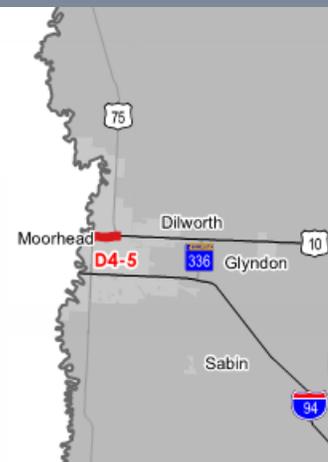
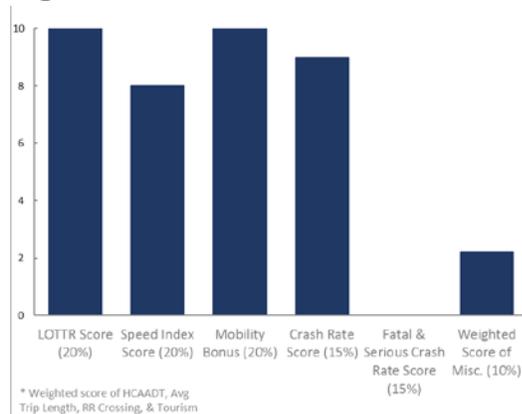
**Location Description:**

Five lane roadway with designated shared center left-turn lane in the downtown area. Four lane divided roadway to the east. Access points throughout with signalized intersections.

**District Input:** Uncoordinated signals west of 21st. 11th St. underpass being proposed. Metro COG Study.

**Potential Follow-Up:** None

**Figure 2: Evaluation Criteria Scores**





**Location Map – Project D4-7 Fergus Falls, Otter Tail County**



Overall Weighted Score: **5.79**

**Figure 1: Mobility and Reliability Summary**

		Travel Time Reliability <sup>1</sup>	Speed Index <sup>2</sup>
Weekday	6a-10a	Reliable	Slow
Weekday	10a-4p	Unreliable	Slow
Weekday	4p-8p	Reliable	Slow
Weekend	6a-8p	Reliable	Slow

<sup>1</sup> Segment considered unreliable if Level of Travel Time Reliability index is greater than 1.5

<sup>2</sup> Segment considered slow if Speed Index is less than 0.9

**Location Description:**

Four lane divided roadway at an interchange above a freeway. Wide shoulders.

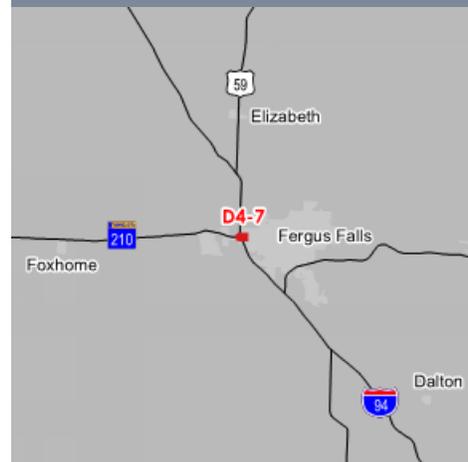
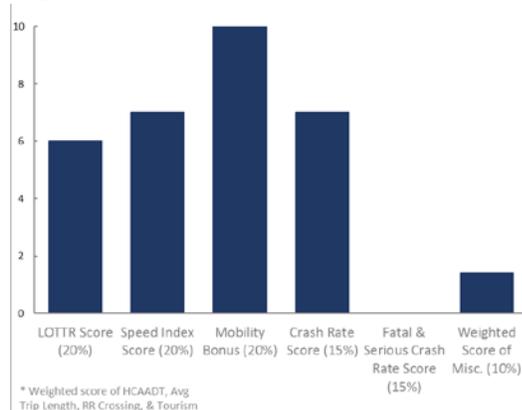
**District Input:**

Very short turn lane. Ramp separation issue with offset. Heavy truck traffic. Heavy left turns off of I-94. Short turn lanes.

**Potential Follow-Up:**

Additional study needed

**Figure 2: Evaluation Criteria Scores**





**Location Map – Project D4-16 Appleton, Swift County**



Overall Weighted Score: **5.13**

**Figure 1: Mobility and Reliability Summary**

		Travel Time Reliability <sup>1</sup>	Speed Index <sup>2</sup>
Weekday	6a-10a	Unreliable	Slow
Weekday	10a-4p	Unreliable	Slow
Weekday	4p-8p	Unreliable	Slow
Weekend	6a-8p	Reliable	Slow

<sup>1</sup> Segment considered unreliable if Level of Travel Time Reliability index is greater than 1.5

<sup>2</sup> Segment considered slow if Speed Index is less than 0.9

**Location Description:**

Two lane highway with wide shoulders, several access points and a railroad crossing.

**District Input:** Four-way stop and railroad. Study currently underway which will identify potential improvements.

**Potential Follow-Up:** None

**Figure 2: Evaluation Criteria Scores**

