

# US14 – Volga to US14 Bypass

## Scenario A: Existing 4-Lane Divided with Intersection Improvements

Scenario includes:

- Maintain existing 4-lane divided highway
- Add westbound right turn lane at 466<sup>th</sup> Avenue



14

14

14

14

466th Ave

STOP



Scale in Feet  
0 100 200

Legend

- Proposed Roadway
- Existing ROW / Property Line
- ROW Acquisition
- Intersection Control
- Access Management
- Access Closure



US14 - Volga to US14 Bypass Scenarios  
Existing 4-Lane Divided with Intersection Improvements  
US14 / US14B Corridor Study

Brookings, SD

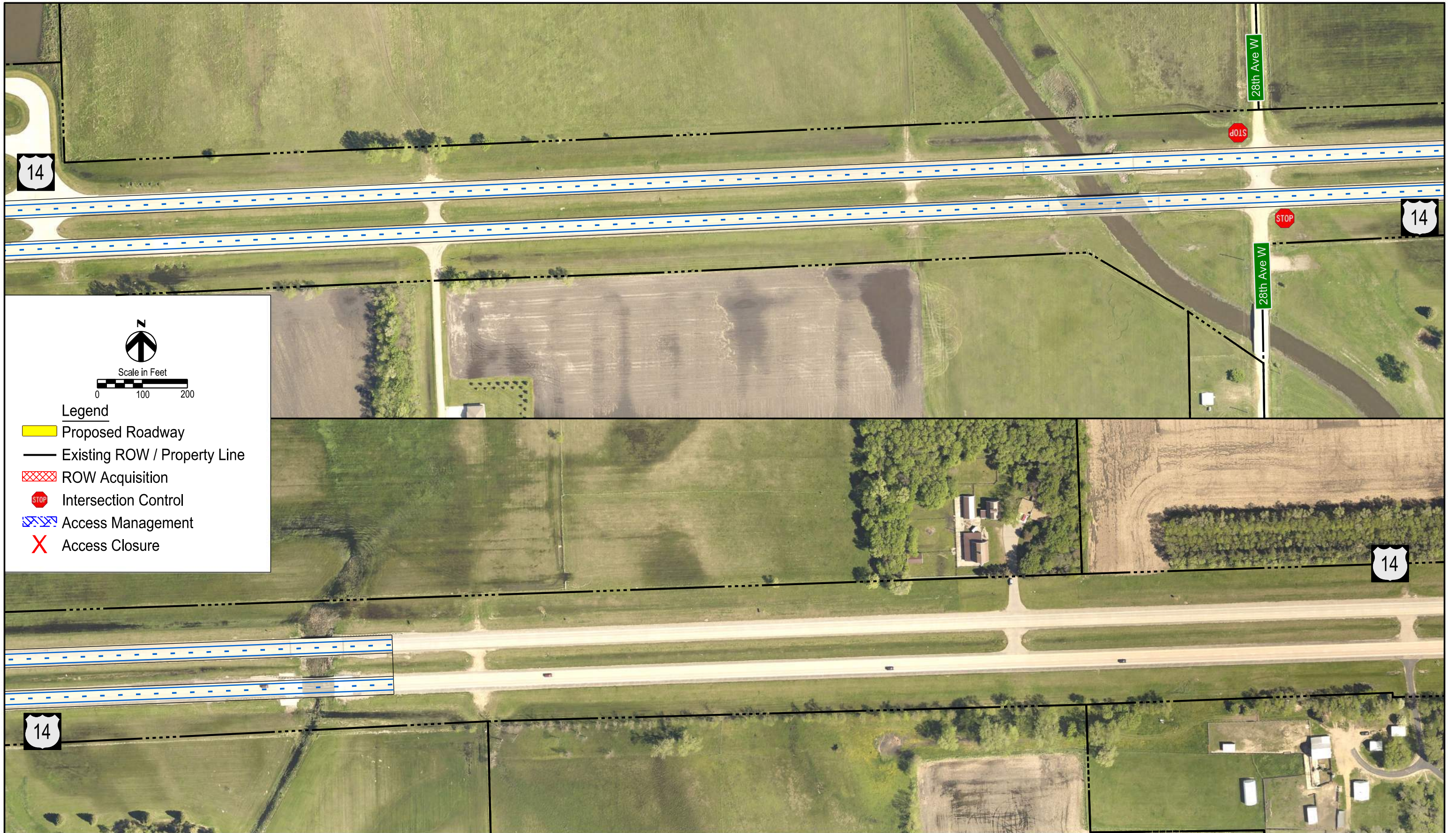
Figure  
US14 - Volga to US14 Bypass -  
Scenario A



US14 - Volga to US14 Bypass Scenarios  
 Existing 4-Lane Divided with Intersection Improvements  
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Figure  
 US14 - Volga to US14 Bypass -  
 Scenario A



Scale in Feet  
0 100 200

Legend

- Proposed Roadway
- Existing ROW / Property Line
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N  
Scale in Feet  
0 50 100

**Legend**

- Proposed Roadway
- Existing ROW / Property Line
- ROW Acquisition
- STOP Intersection Control
- Access Management

# US14 – Volga to US14 Bypass Scenarios

## Improvement Scenarios

Scenario A: Existing 4-Lane Divided with Intersection Improvements

### Preliminary Summary Matrix

Scenario	2050 Traffic Operations				Predictive Safety		ROW & Costs		Environmental Resources
	Stop-control 466 <sup>th</sup> Ave Operations	Includes All Warranted Turn Lanes?	Corridor Operations (LOS)	Corridor Reliability & Driver Expectancy	F&I Crashes	Total Crashes	ROW Acquisition	Construction & ROW Costs	Potential Impacts
	<i>LOS AM / PM</i>	<i>Yes / No</i>	<i>AM / PM</i>	<i>5 - Best 3 - Middle 1 - Least</i>	<i>Average Annual # Crashes</i>	<i>Average Annual # Crashes</i>	<i>Acres</i>	<i>\$ mil</i>	<i>Low, Medium, High</i>
Scenario A	A / A	Yes	LOS B or better	5	5.4	11.6	< 0.5	< \$0.5	Medium - Floodplain, Wetlands
No Build	A / A	No	LOS B or better	4	5.5	11.8	0	0	Low