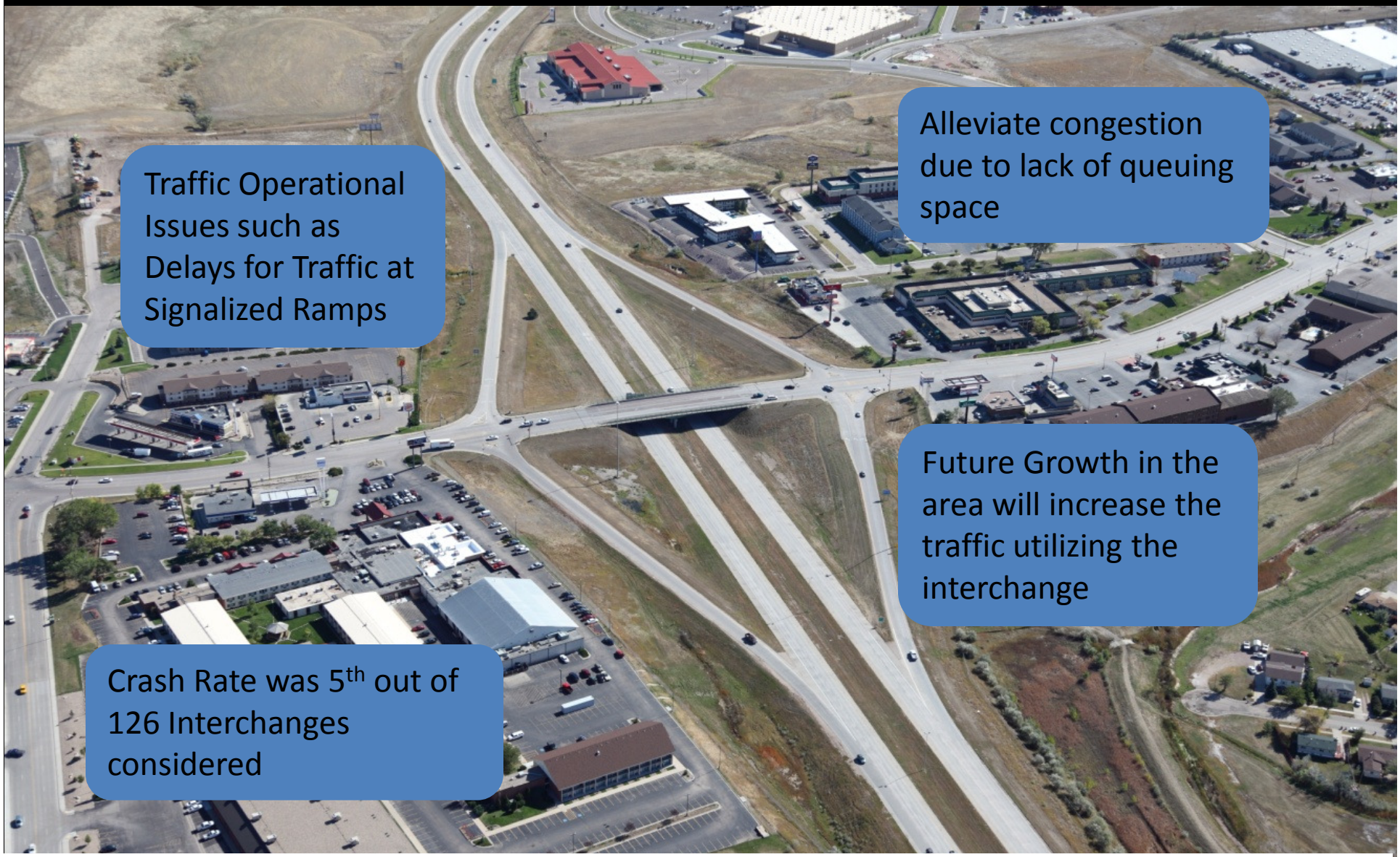
I-90 Exit 59 (La Crosse Street)

Interchange Options Study

Public Open House #1

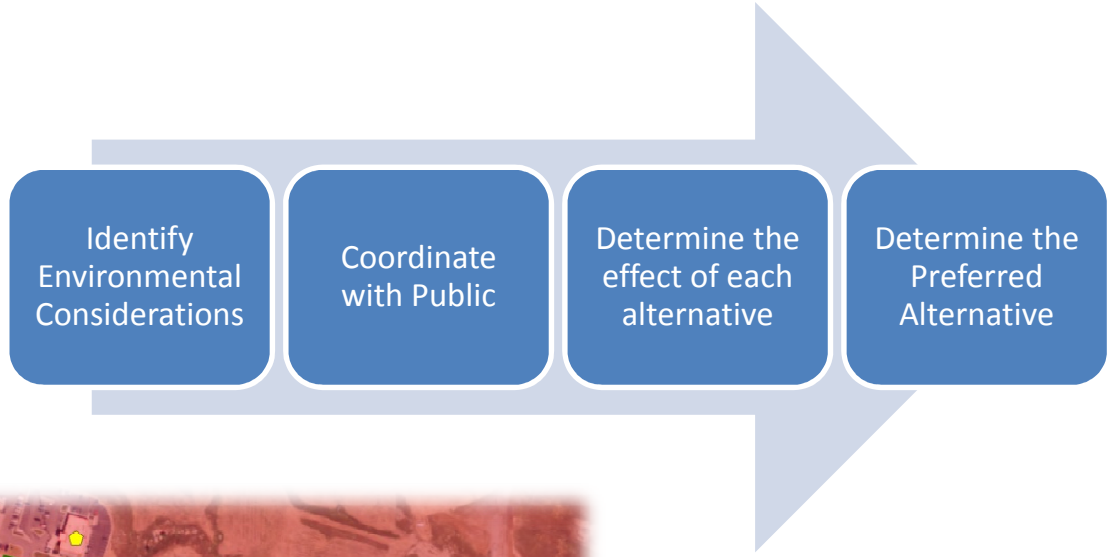
November 29, 2012: 5:00 PM – 7:00 PM

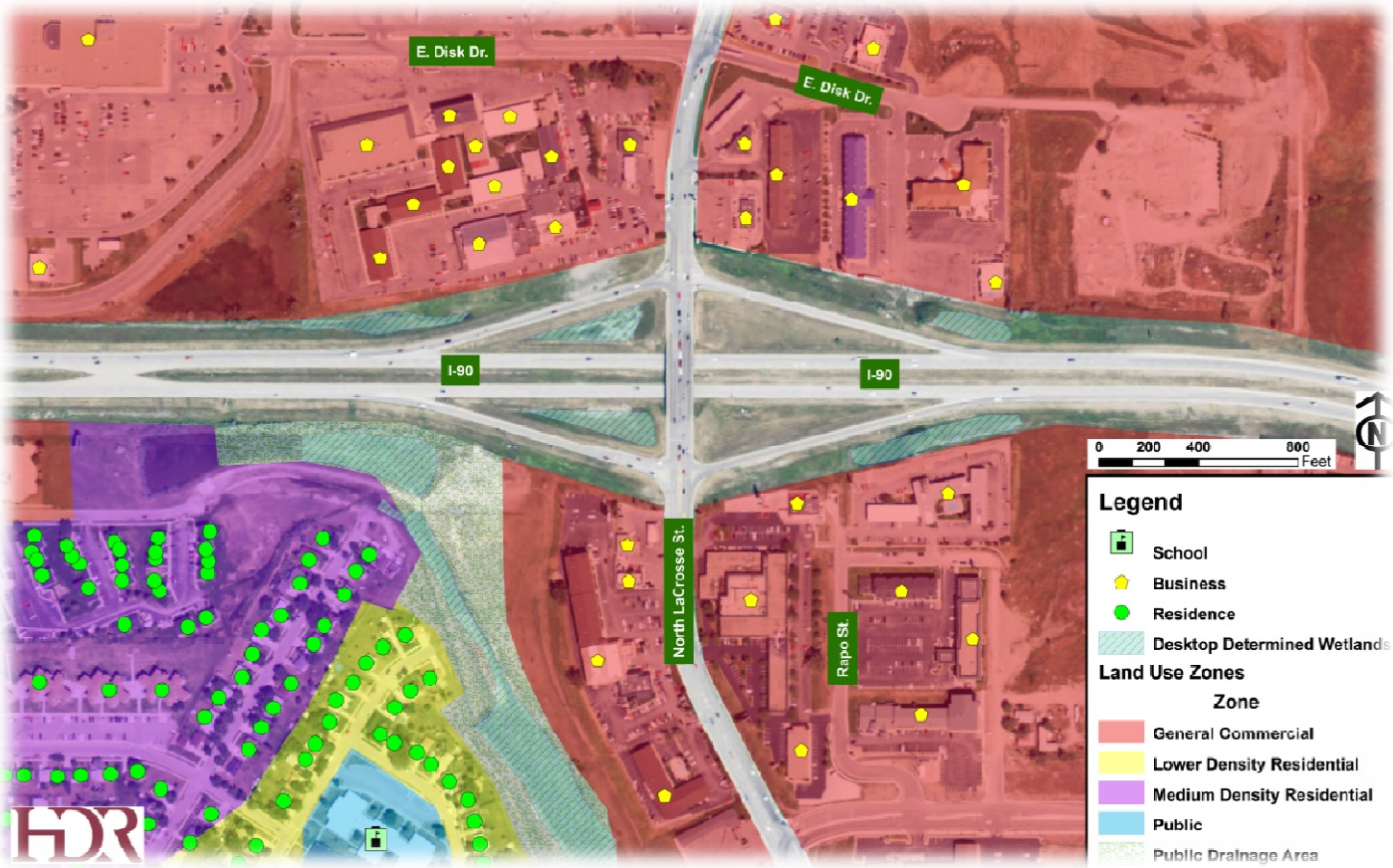
Why is the Proposed Project Needed?



We really need and want your input !

The Steps of the Environmental Process



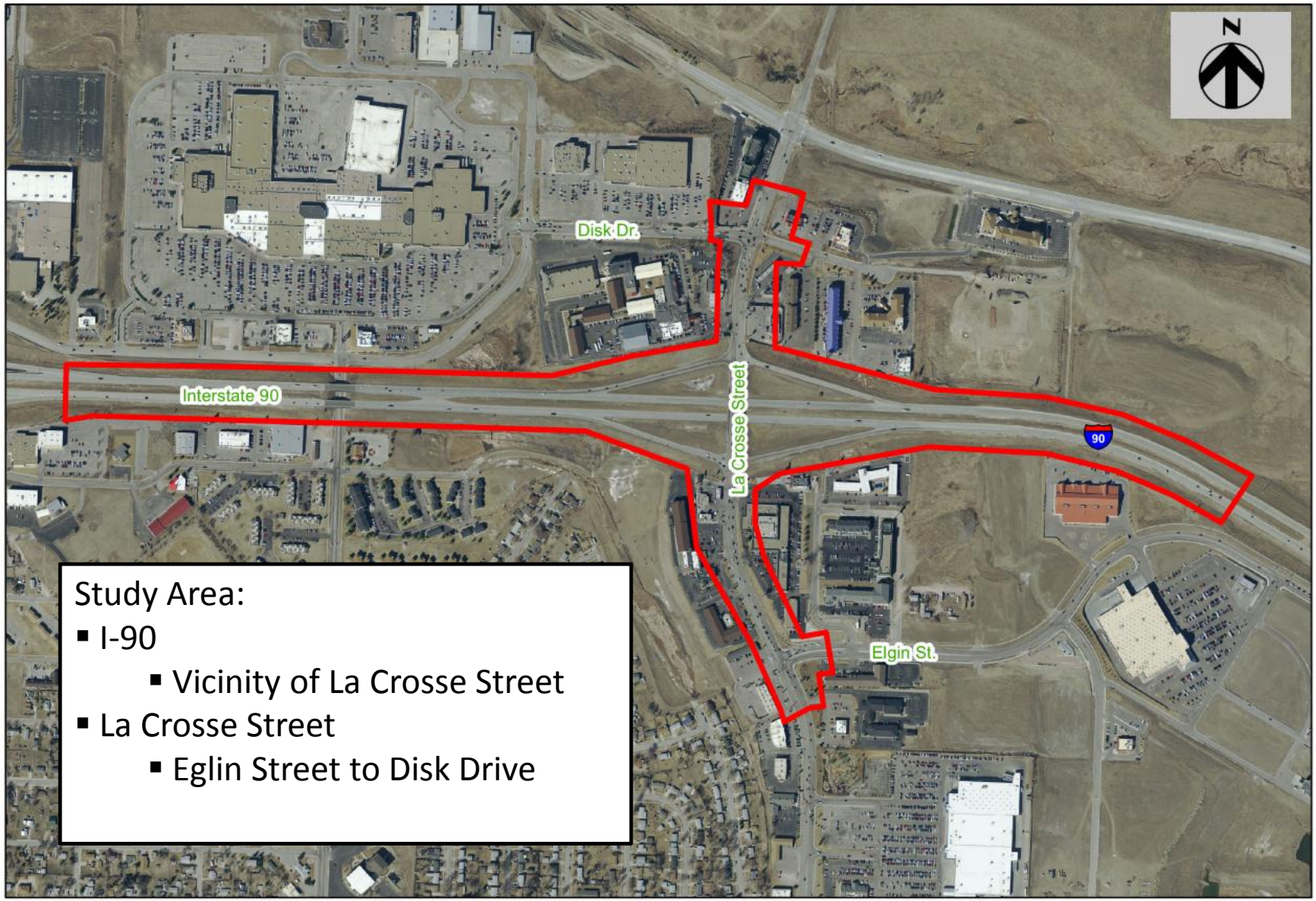


Potential *Environmental Considerations* Include:

- Cultural Resources
- Wetlands
- Economic Resources
- Residences
- Noise Environment
- Regulated Materials
- Parks
- Recreational Areas
- Wildlife
- Water Quality
- Air Quality
- Pedestrians and Bicyclists

What do you think?

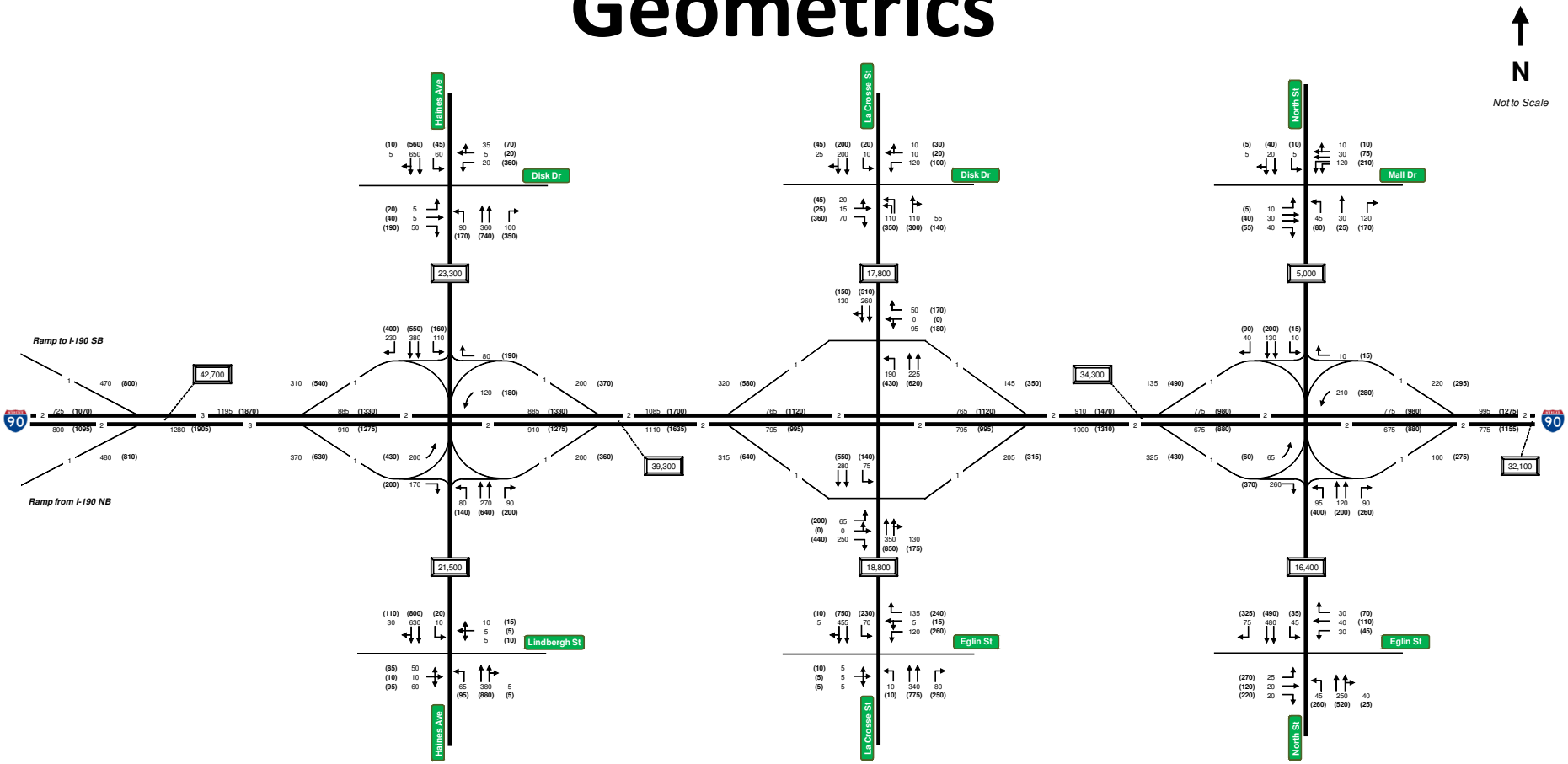
Study Area



Study Area:

- I-90
  - Vicinity of La Crosse Street
- La Crosse Street
  - Eglin Street to Disk Drive

Existing (Year 2012) Volumes and Geometrics



Sources:
1. Traffic Volumes - HDR, October 2012

LEGEND

XXX **(XXX)**	AM and **(PM)** Peak Hour Volumes
—#—	Number of Lanes
→	Existing Geometrics
X	Average Daily Traffic (ADT)

South Dakota DOT
Connecting South Dakota and the Nation

Existing (Year 2012) Volumes and Geometrics

I-90 Exit 59 (La Crosse Street) Interchange Options Study
Rapid City, South Dakota

Date
Nov 2012

Figure
#

Study Contacts

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Project Manager

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Project website:

www.sddot.com/transportation/highways/planning/specialstudies/lacrosse/

Decennial Study

Bridge Widening Option:

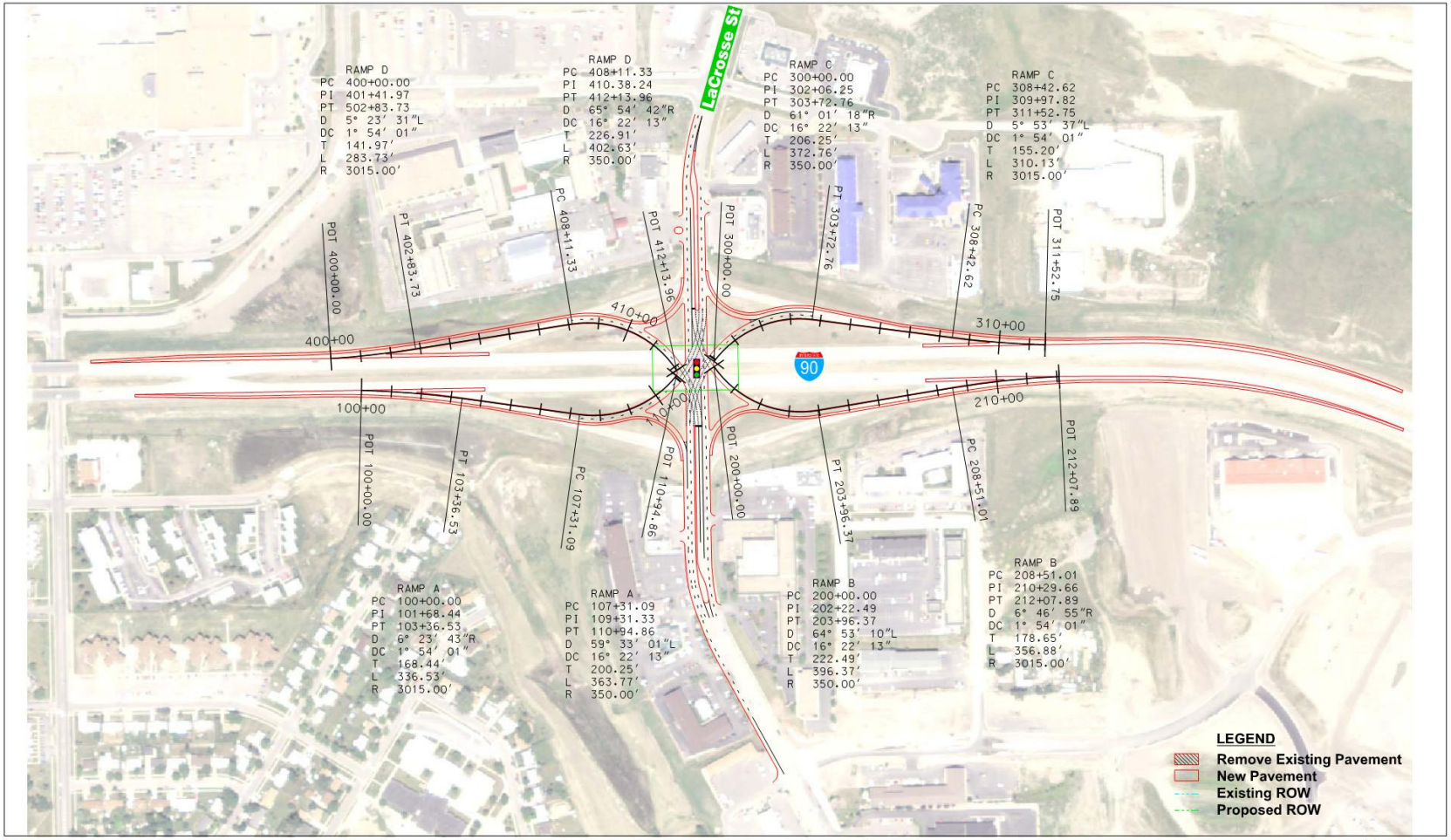
FELSBURG HOLT & ULLEVIG

CONCEPTUAL DESIGN

Figure 2.25
I-90 Exit 59 - LaCrosse Street, Rapid City
Alternative 1
Bridge Widening

Decennial Study

Single Point Urban Interchange (SPUI):



FELSBURG HOLT & ULLEVIG

CONCEPTUAL DESIGN

Figure 2.26
I-90 Exit 59 - LaCrosse Street, Rapid City
Alternative 2
Single Point Urban Interchange

South Dakota Decennial Interstate Corridor Study

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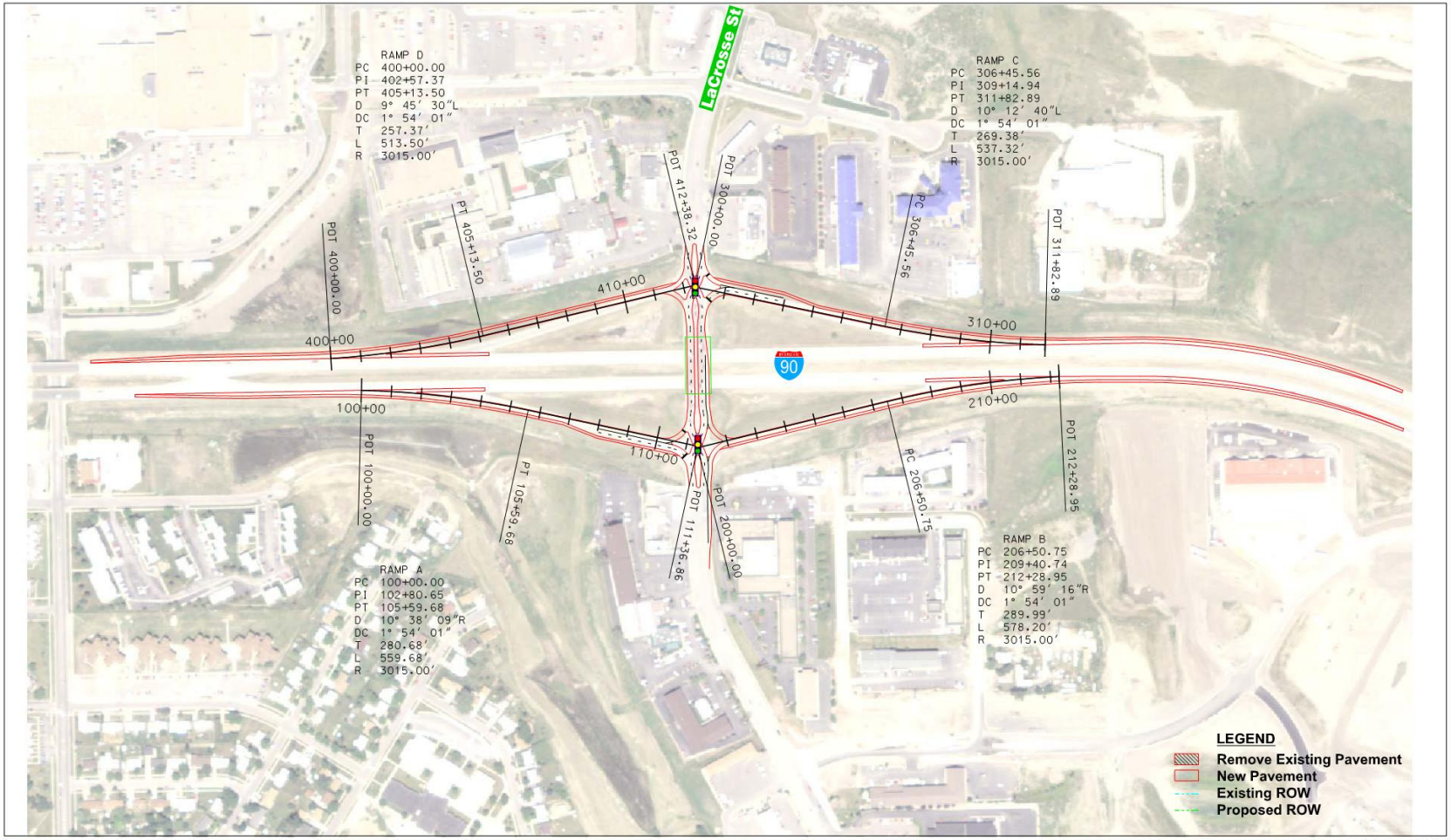
Decennial Study

Diverging Diamond Interchange (DDI):



FELSBURG HOLT & ULLEVIG

CONCEPTUAL DESIGN

Figure 2.27
I-90 Exit 59 - LaCrosse Street, Rapid City
Alternative 3
Diverging Diamond Interchange

South Dakota Decennial Interstate Corridor Study

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Potential Alternatives?

Study Process

Study Process / Timeline:

July / October 2012 – Data Collection *(complete)*

October / November 2012– Traffic Assessment *(complete)*

November 28 / 29, 2012– Public and Stakeholder Meetings

December 2012 / March 2013 – Develop and Analyze Alternatives

April 2013 – Public and Stakeholder Meetings

May / August 2013 – Refine Alternatives

September 2013 – Public Meeting

October 2013 – Complete Study Document

November 2013 – Present Final Study and Recommendations