



GIAMPO – Technical Advisory Committee

Monday, August 10, 2015

**2:30 pm @ Grand Island Public Library
211 N Washington St, Grand Island, NE 68801**

AGENDA

1. Call to Order
This is a public meeting subject to the open meetings laws of the State of Nebraska. The requirements for an open meeting are posted on the wall in this room and anyone that wants to find out what those are is welcome to read through them.
2. Roll Call
3. Approval of Minutes from the June 29, 2015 Technical Advisory Committee Meeting -
Special Meeting
4. Journey 2040 Project Status
5. Journey 2040 Existing Conditions - Goals and Performance Measures
6. Journey 2040 Next Steps
7. Project Status on Public Participation Plan for the Transportation Planning Process
8. Next Meeting
9. Adjournment

Technical Advisory Committee

Monday, August 10, 2015

Regular Session

Item C1

Approval of Minutes from the June 29, 2015 Technical Advisory Committee Meeting - Special Meeting

Staff Contact: Chad Nabity, Regional Planning Director

**GRAND ISLAND AREA METROPOLITAN PLANNING ORGANIZATION (GIAMPO)
TECHNICAL ADVISORY COMMITTEE (TAC) MINUTES**

June 29, 2015 at 2:00 pm

Heartland Events Center

Bosselman Conference Center, 700 E Stolley Park Road, Grand Island, NE

Voting Members in Attendance:

Terry Brown, City of GI, Director of Engineering Service	Present
John Collins, City of GI Public Works Director	Present
Marlan Ferguson, City of GI, City Administrator	Present
Mike Meyer, Merrick Co. Hwy. Superintendent	Present
Chad Nability, Hall Co. Regional Planning Director	Present
Ramona Schafer, Village of Alda	Absent
Casey Sherlock, Hall Co. Public Works Director	Absent
Wes Wahlgren, NDOR District 4 Engineer	Present
Brad Zumwalt, NDOR Highway Planning Manager	Present

Non-Voting Members in Attendance:

Mary Berlie, Grand Island Area Economic Development Corp.	Present
Mike Blackley, Union Pacific Railroad	Absent
Shannon Callahan, City of GI Public Works Street Superintendent	Present
William Clingman, City of GI, Interim Finance Director	Present
Logan Daniels, Federal Transit Administration – Region VII	Absent
Justin Luther, Transportation Planner, Realty, Civil Rights Federal Highway Admin.	Absent
Cindy Johnson, Grand Island Area Chamber of Commerce	Absent
Larry Legg, NDOR Local Projects Engineer	Absent
Kaine McClelland, NDOR State Modeler	Absent
Kelli O’Brien, Union Pacific Railroad	Absent
Mike Olson, Central NE Regional Airport	Present
Noel Salac, NDOR, Planning & Locational Studies Section Head	Absent
Jeff Soula, NDOR Local Projects Urban Engineer	Absent
Andy Williams, Burlington Northern Santa Fe Railroad	Absent

Others in Attendance:

John Adams, MPO Program Manager
Nicki Stoltenberg, Assistant to the City Administrator
Catrina DeLosh, Public Works Administrative Assistant
Robert Sivick, City Attorney

Call to Order

Nability called the meeting to order at 2:13 pm. The Nebraska Open Meetings Act was acknowledged.

Roll Call

Roll call was taken.

Approve Minutes of the April 13, 2015 Technical Advisory Committee

Motion by Brown to approve the minutes of the June 8, 2015 meeting, seconded by Zumwalt. Upon voice vote, all voted aye. Motion adopted.

Journey 2040 Workshop Overview Presentation

Clyde Prem, Olsson Associates Project Manager gave a brief presentation on the pieces involved in Journey 2040.

Tom Worker-Braddock, Olsson Associates Assistant Project Manager; Triveece Penelton, Vireo Public Involvement Innovator; Matt Rief, Olsson Associates Project Advisor and Joe Johnson, Olsson Associates were also present to assist in the workshop.

Discussion and Input for the Development of GOALS and OBJECTIVES

Triveece pointed out how very important it is for the whole community to step forward and voice their opinions on this subject.

Identify Key Goals, Top Issues, and Necessary Improvements for Addressing Transportation Problems in the Grand Island Area

Those present were broken out in four (4) groups to identify transportation issues they feel need to be addressed as part of Journey 2040.

Next Meeting Date

The next regularly scheduled meeting of the TAC will be August 10, 2015.

Adjournment

There being no further business, Nabity adjourned the meeting at 3:58 pm.

Technical Advisory Committee

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Regular Session

Item J1

Journey 2040 Project Status

Staff Contact: Chad Nabity, Regional Planning Director

Journey 2040

TAC Meeting
Monday, August 10, 2015

@GIPublicWorks #JOURNEY2040PLAN
Facebook.com/GI.PublicWorks

Performance Based Long Range Plan

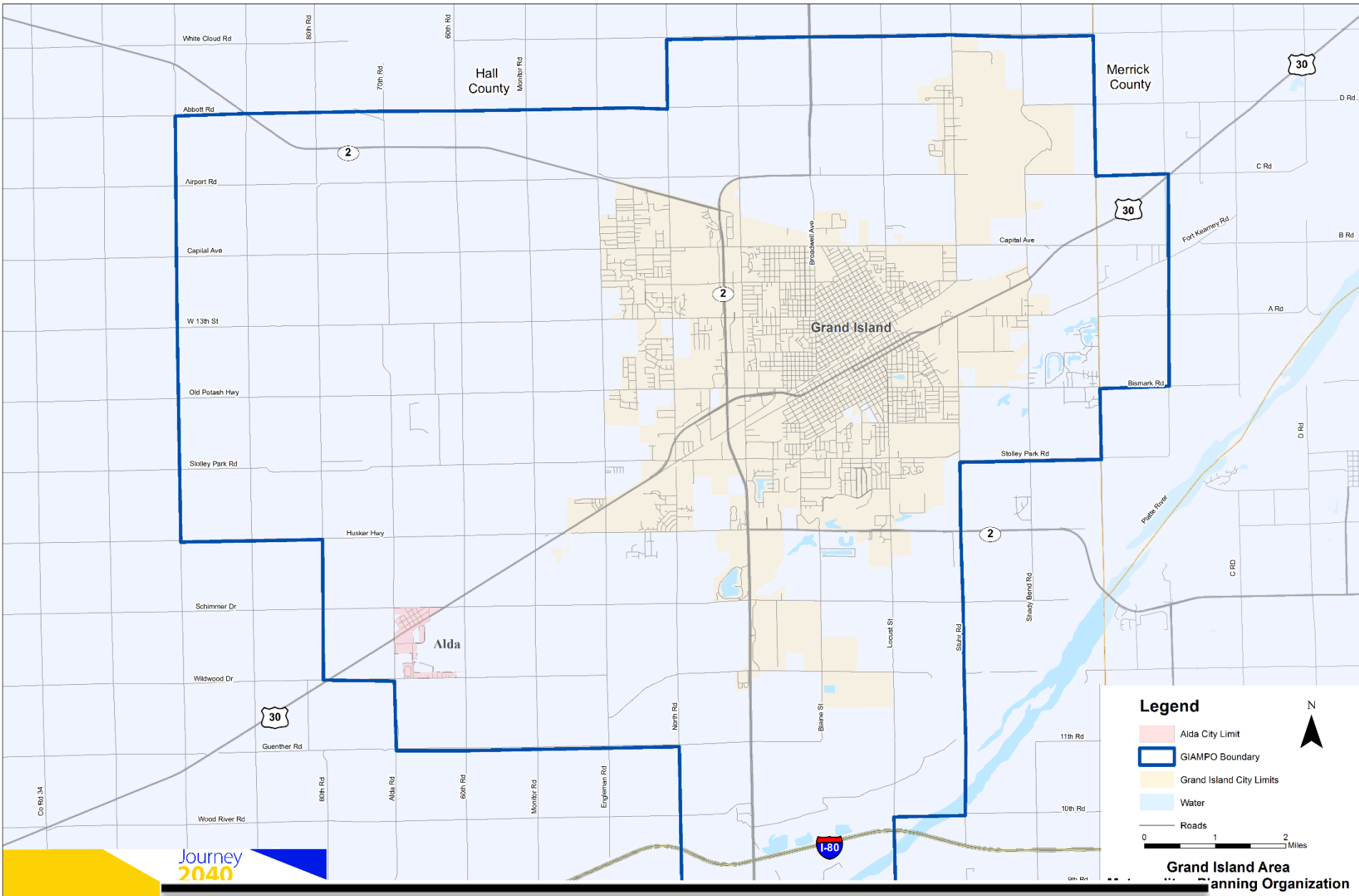
Long-range transportation plan with investments to improve the condition and performance of the transportation system.

- Streets and highways
- Bicycle and pedestrian travel
- Movement of freight
- Aviation
- Rail crossings
- Safety



Journey
2040

Metropolitan Planning Area



Journey
2040

Project Update

- Progress to Date
- Current Activities
- Next Steps



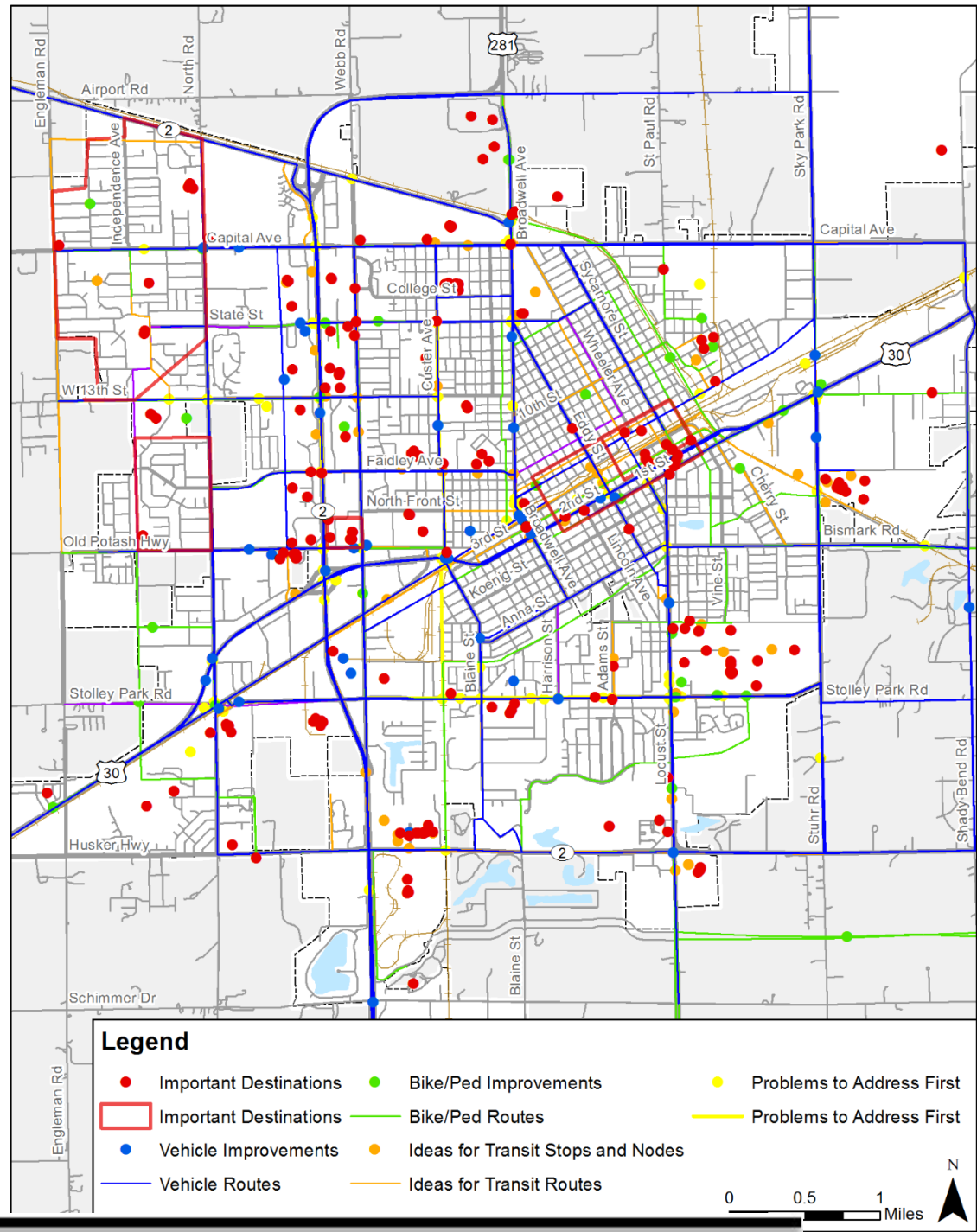
Journey
2040

In Progress

- Existing Conditions Report
- Travel model development
- Socio-economic data inputs to the model
- Forecasts of future growth
- Developing goals, objectives and performance measures
- Available or potential revenues

Journey
2040

Workshop 1 Results

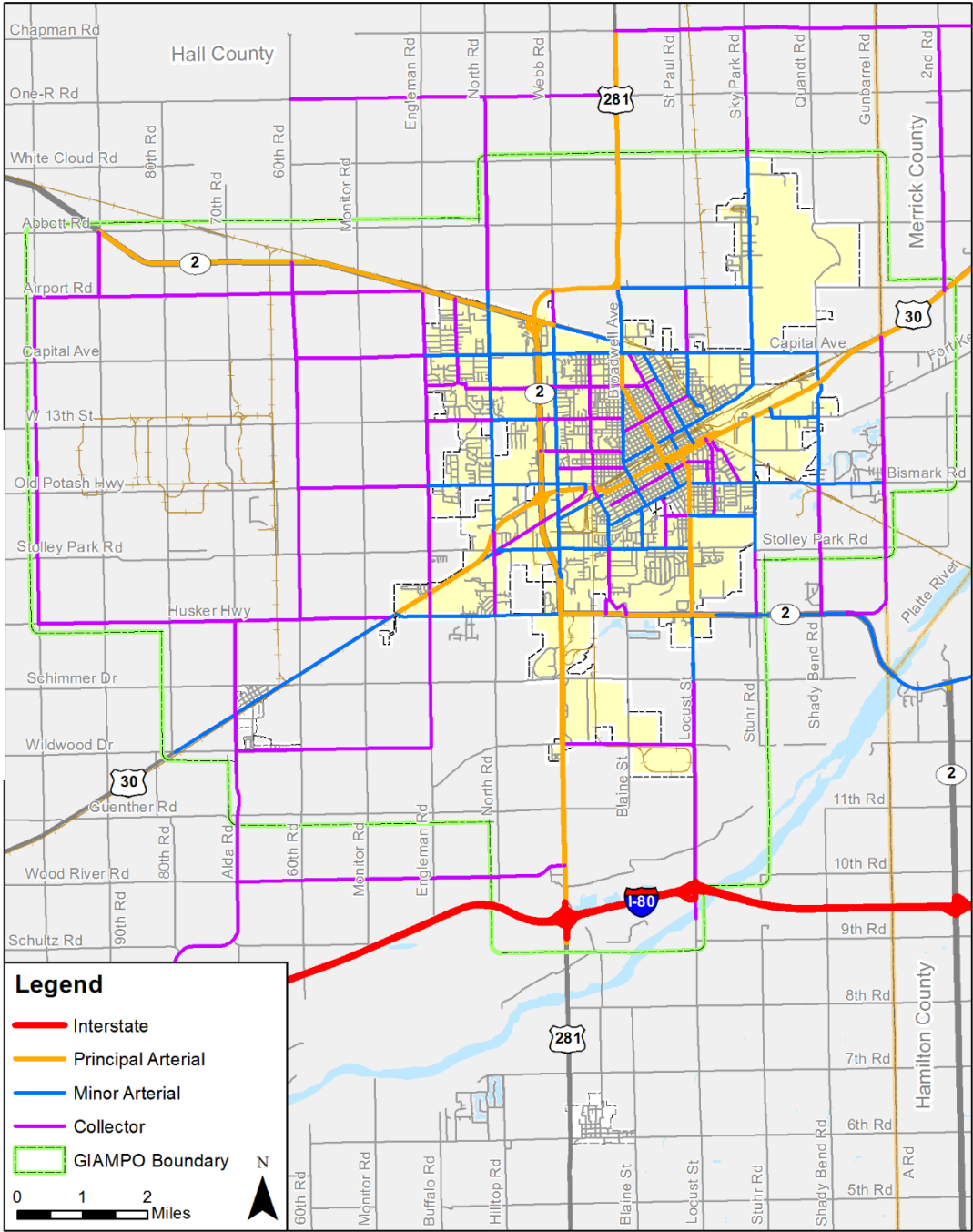


Functional Classification

Table 1 Functional Classification Miles (Grand Island MPA)

Functional Classification	Miles
Arterials	117.8
Interstate	4.2
Principal Arterial	52.3
Minor Arterial	61.3
Collectors	110.9

Source: NDOR & OA's TransCAD Model.



Existing Conditions

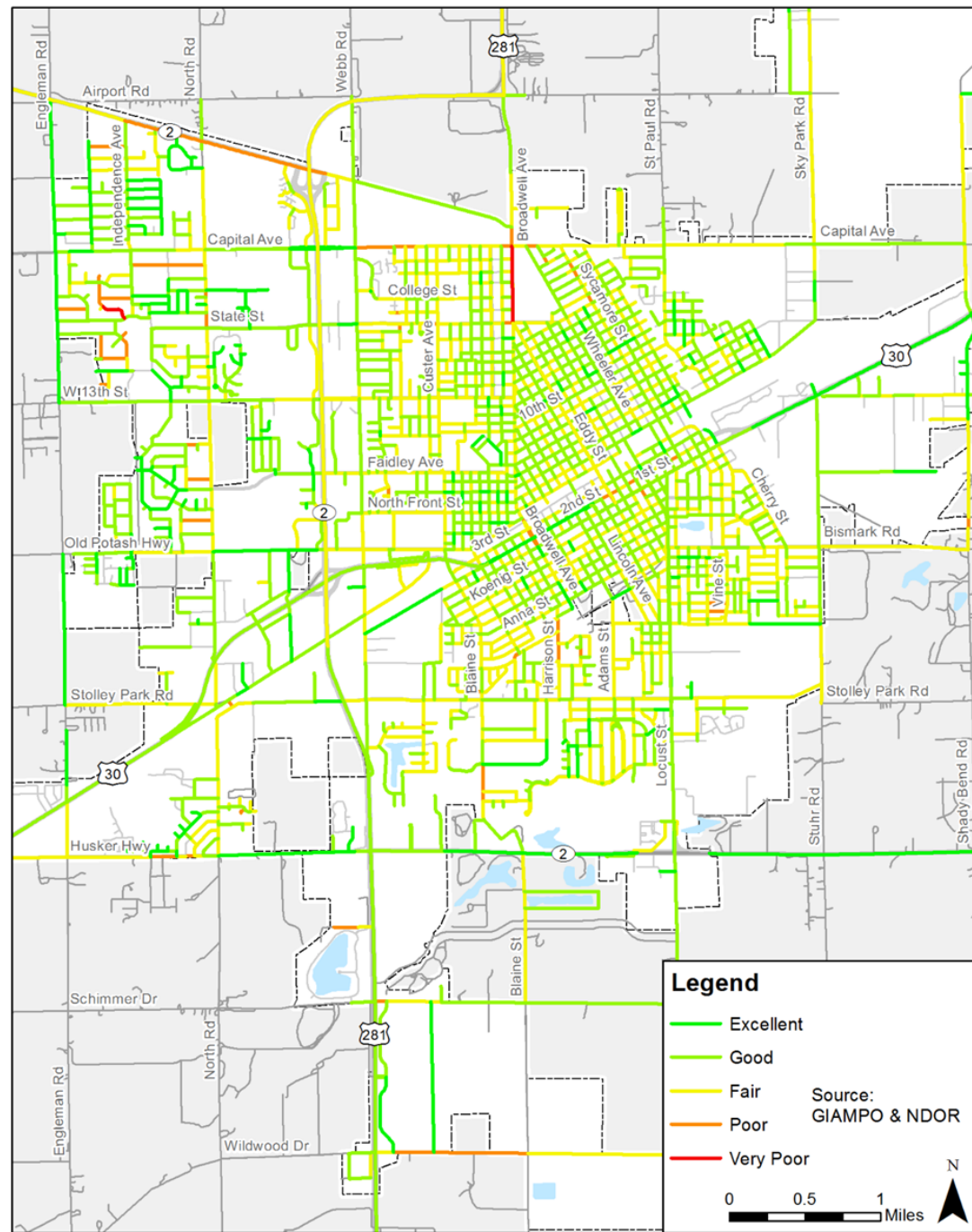


Journey
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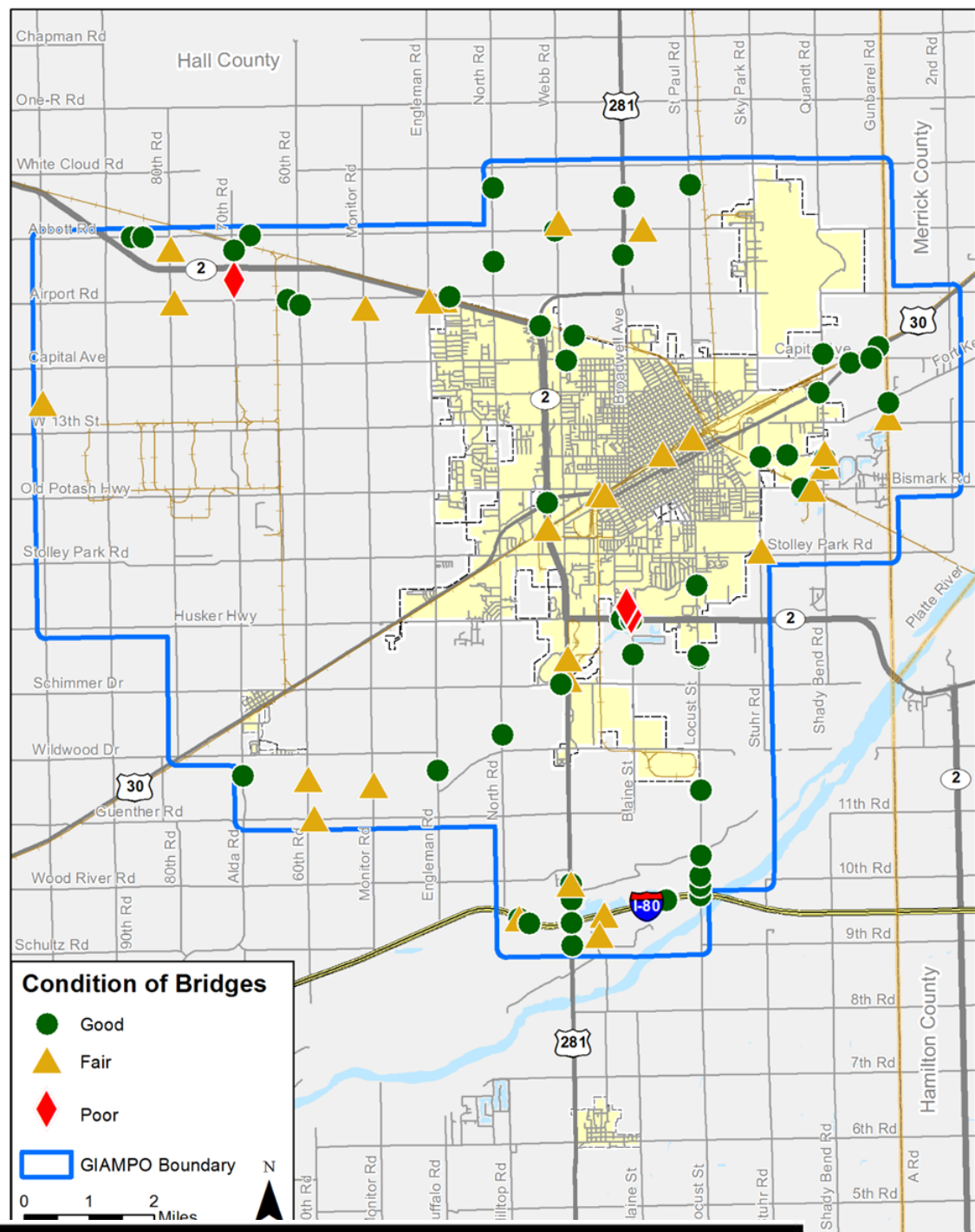
Pavement Condition

Table 1 Pavement Condition Rating Scores

Rating Score	NSI / OCI
Very Good	91 thru 100
Good	71 to 90
Fair	51 to 70
Poor	31 to 50
Very Poor	0 to 30

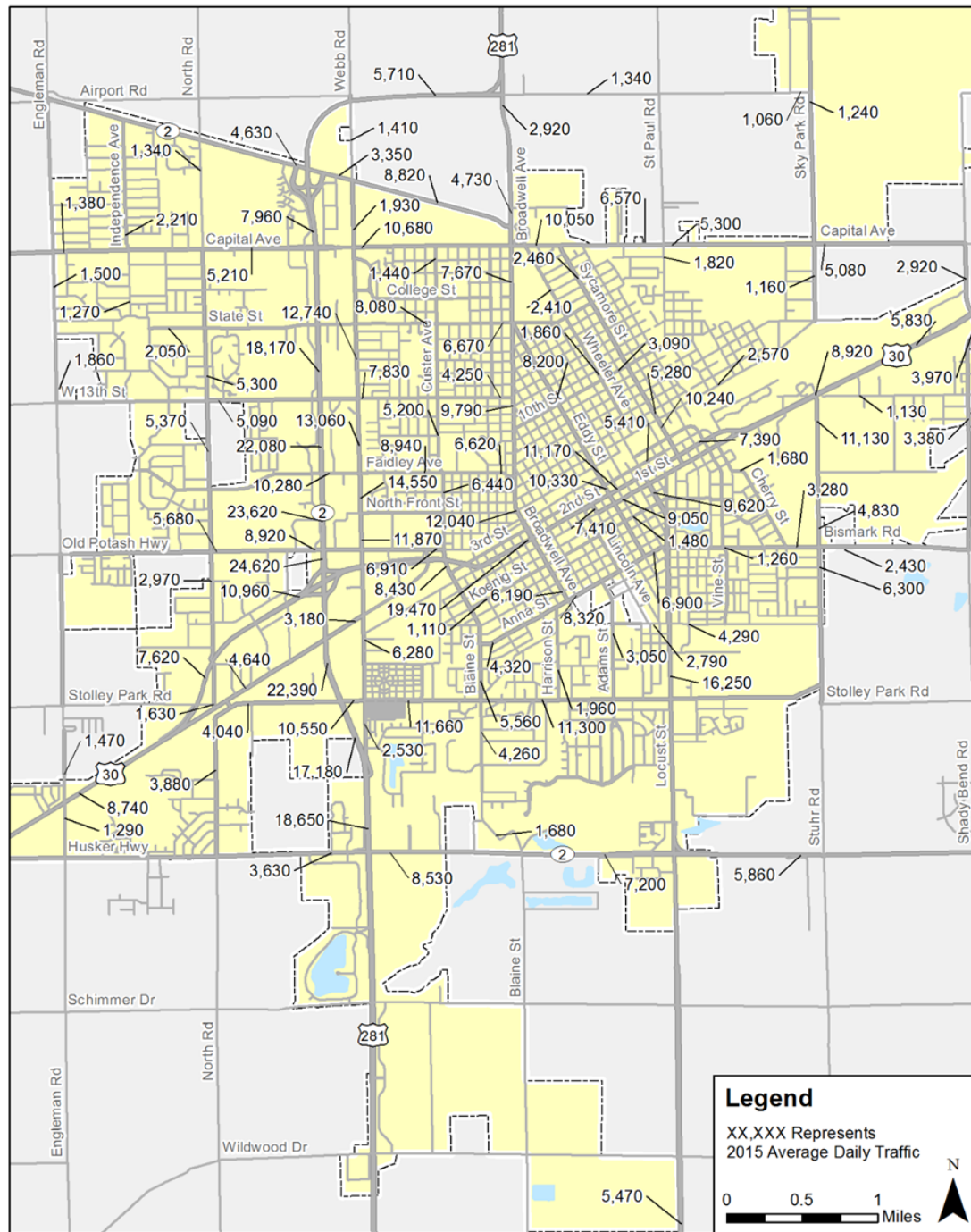


Bridge Condition

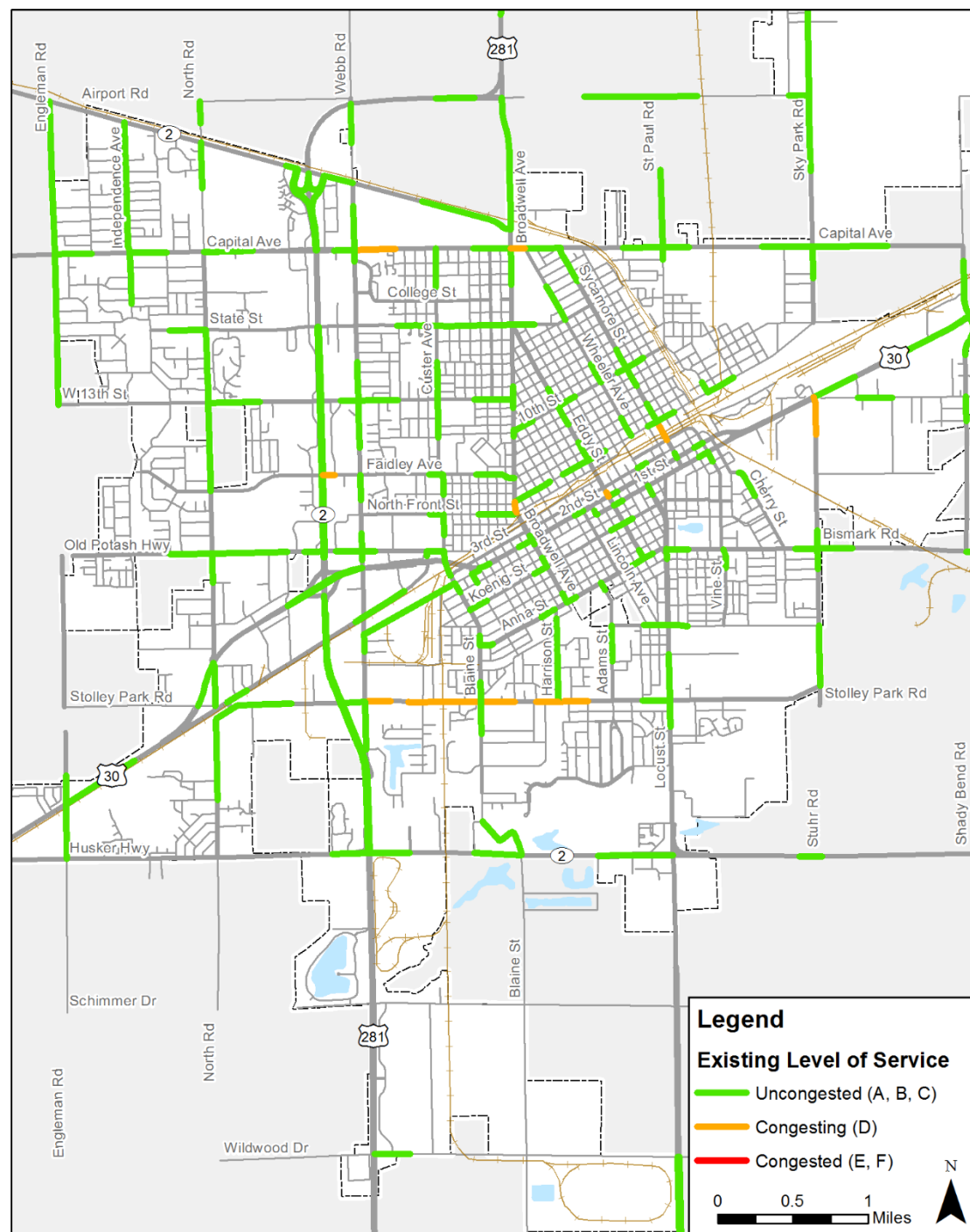


Notes: In order to improve visibility of data, some bridges have been moved from their actual location. Source: NDOR, April 2015.

Traffic Counts

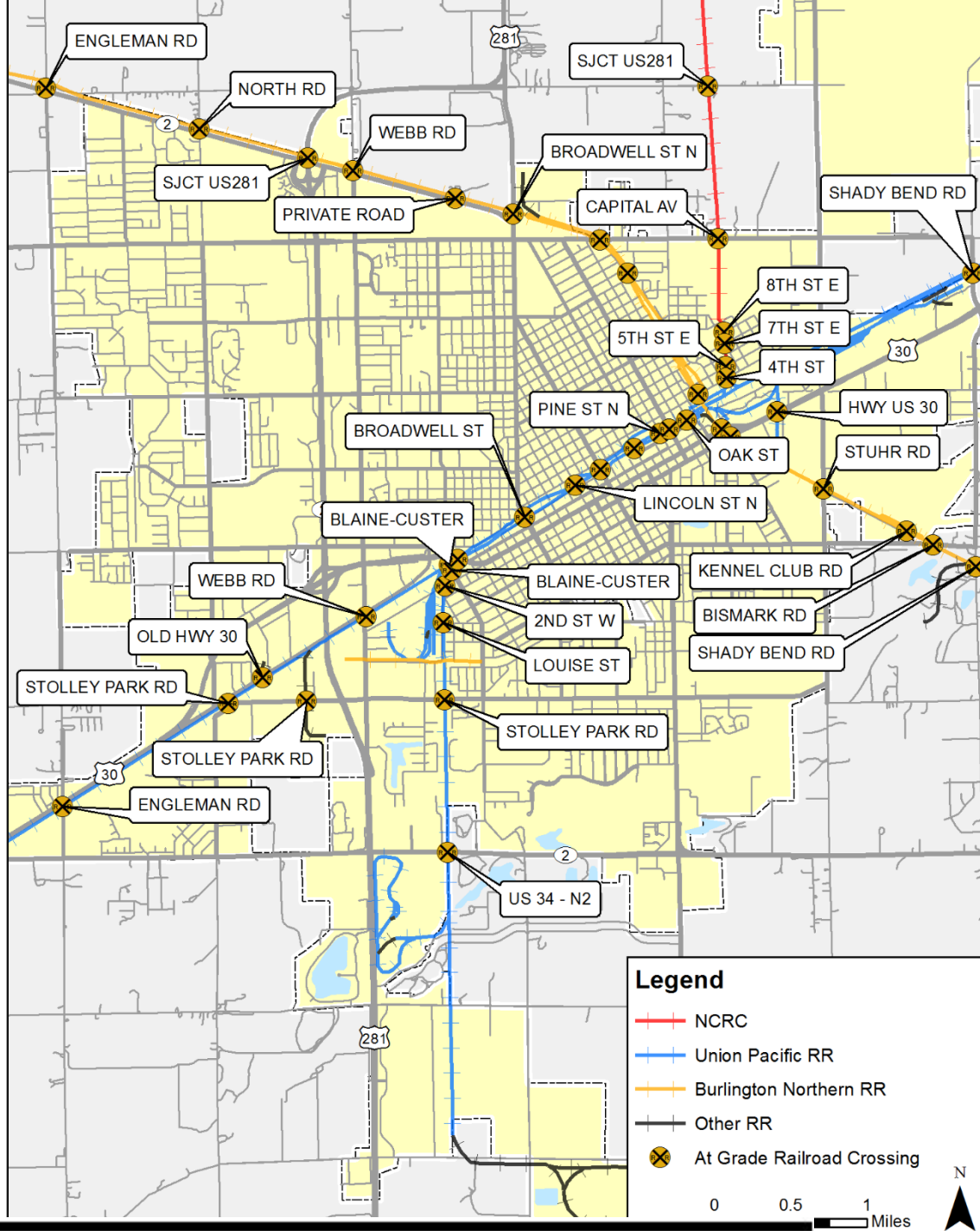


Lane Capacity Check



Railroad Crossings

BNSF	59 through trains
UPRR	75 through trains
NCRC	3 local trains; 2 switch trains



At-grade Crossing Exposure

Table 1 Grade Crossing Exposure Factor Calculation

Roadway	Rail	ADT	Trains/Day	Exposure Factor
EDDY ST	UPRR	12,061	75	904,575
BROADWELL AVE	UPRR	12,036	75	902,700
STOLLEY PARK RD	UPRR	11,659	75	874,425
US HWY 34	UPRR	8,532	75	639,900
BLAINE-CUSTER AVE	UPRR	8,430	75	632,250
WEBB RD	UPRR	6,283	75	471,225
US 281	BNSF	5,713	59	337,067
WALNUT ST	UPRR	4,375	75	328,125
STUHR	BNSF	4,830	59	284,970
BROADWELL AVE	BNSF	4,733	59	279,247
SHADY BEND RD	UPRR	2,922	75	219,150
2ND ST	UPRR	2,203	75	165,225
BLSMARK RD	BNSF	2,138	59	126,142
ENGLEMAN RD	UPRR	1,473	75	110,475
LINCOLN AVE	UPRR	1,302	75	97,650
WEBB RD	BNSF	1,413	59	83,367
NORTH RD	BNSF	1,341	59	79,119
ENGLEMAN RD	BNSF	839	59	49,501
CAPITAL AVE	NCRC	5,300	5	26,500
4TH ST	NCRC	2,565	5	12,825

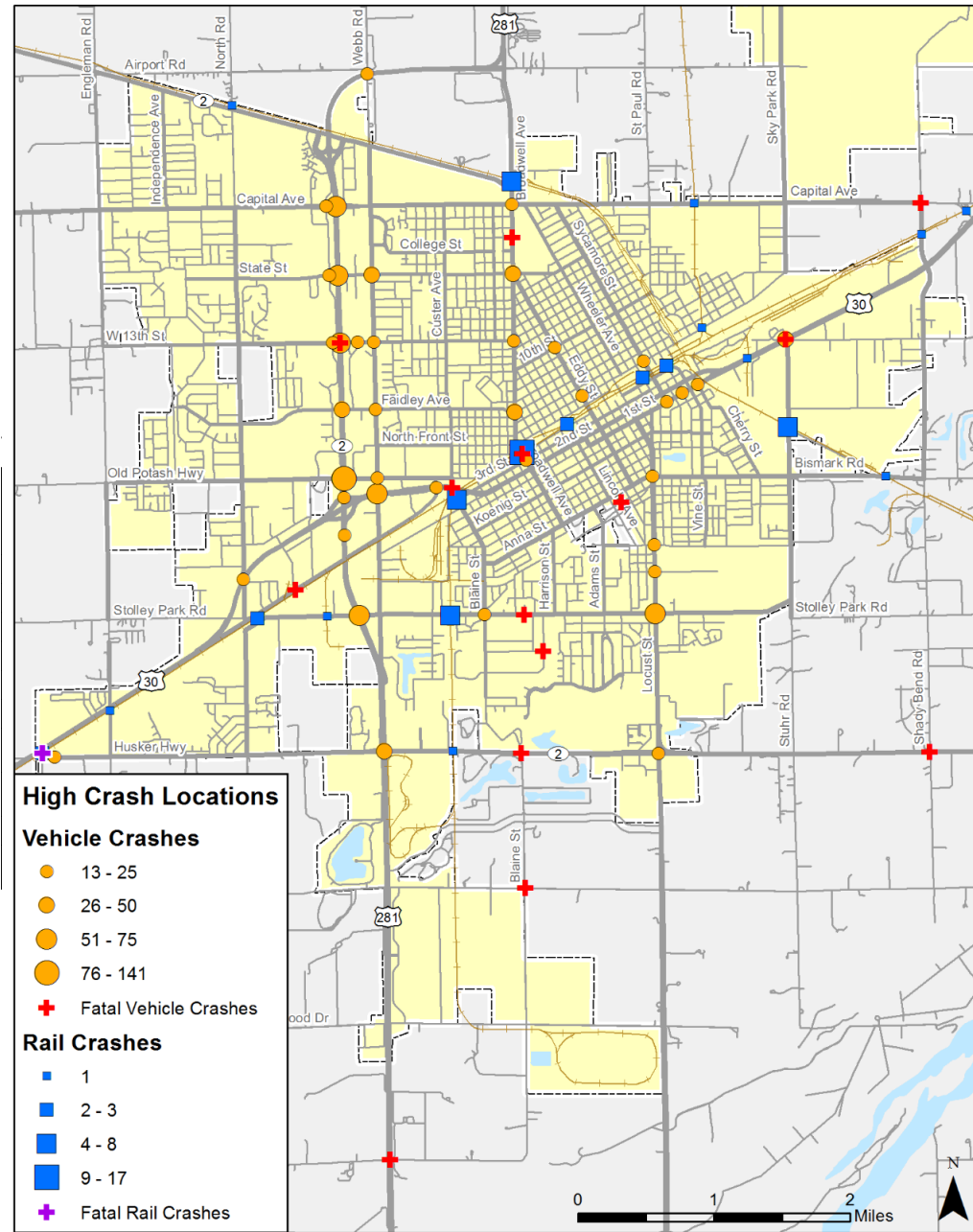
This slide is being revised – the updated slide will be available at the 8/10/2015 meeting

Journey
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High Crash Locations

Table 1 Calculated Crash Rates for the Top 10 Intersections

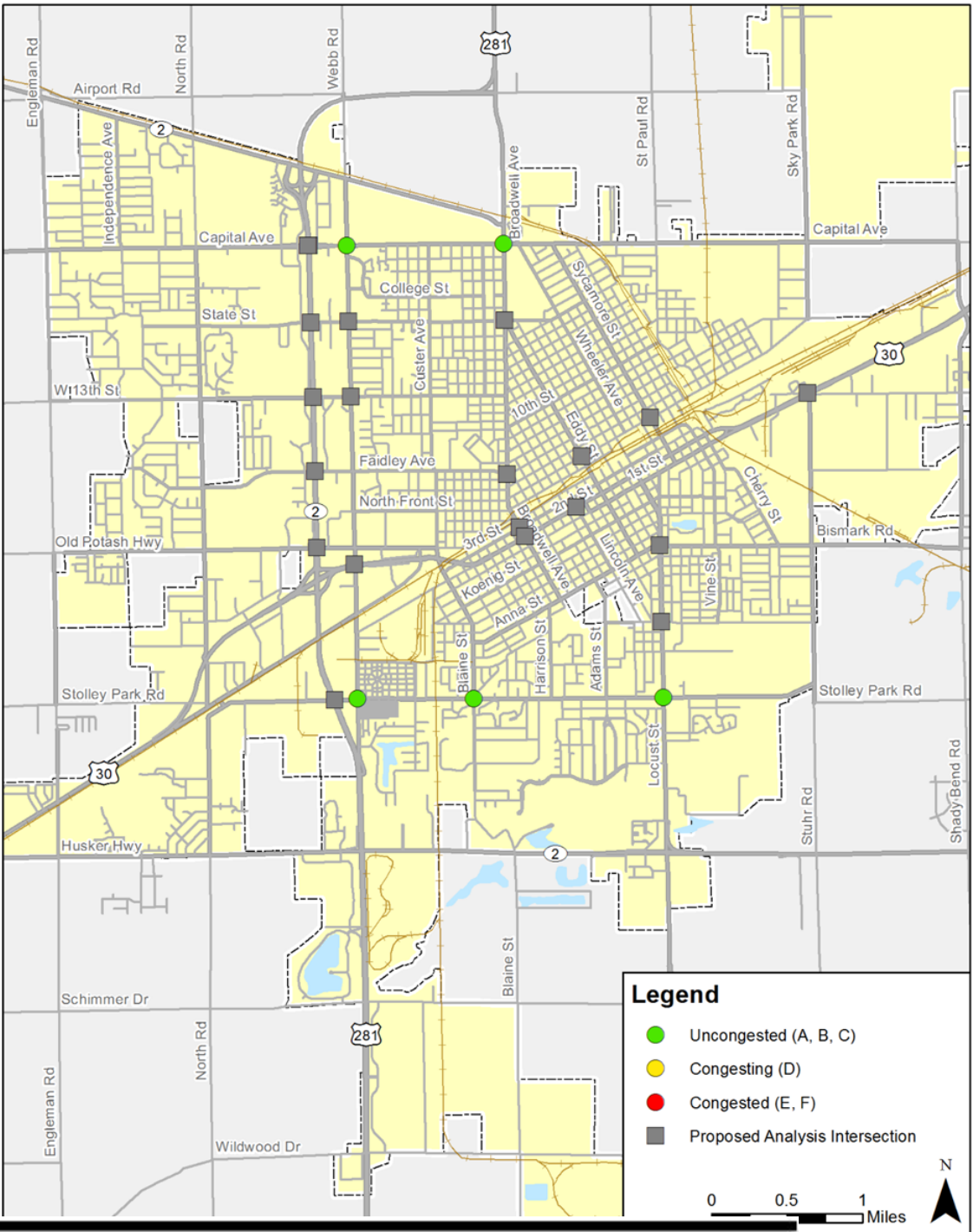
Rank	Location	Observed Crash	2013 Total Entering Vehicles (TEV/day)	Entering Vehicles 5-year Period (10 million)	Crash Rate (per TMEV)
1	US281 & OLD POTASH HWY	141	32209	5.9	23.99
2	US281 & CAPITAL AVE	56	17192	3.1	17.85
3	US281 & STOLLEY PARK RD	73	26620	4.9	15.03
4	US281 & STATE ST	72	31178	5.7	12.65
5	US281 & W 13TH ST	60	26049	4.8	12.62
6	US30 & WEBB RD	53	23575	4.3	12.32
7	LOCUST ST & STOLLEY PARK RD	53	23683	4.3	12.26
8	BROADWELL AVE & STATE ST	30	19037	3.5	8.63
9	US281 & FAIDLEY AVE	41	27443	5.0	8.19
10	HUSKER HWY(US34) & US281	31	24246	4.4	7.01



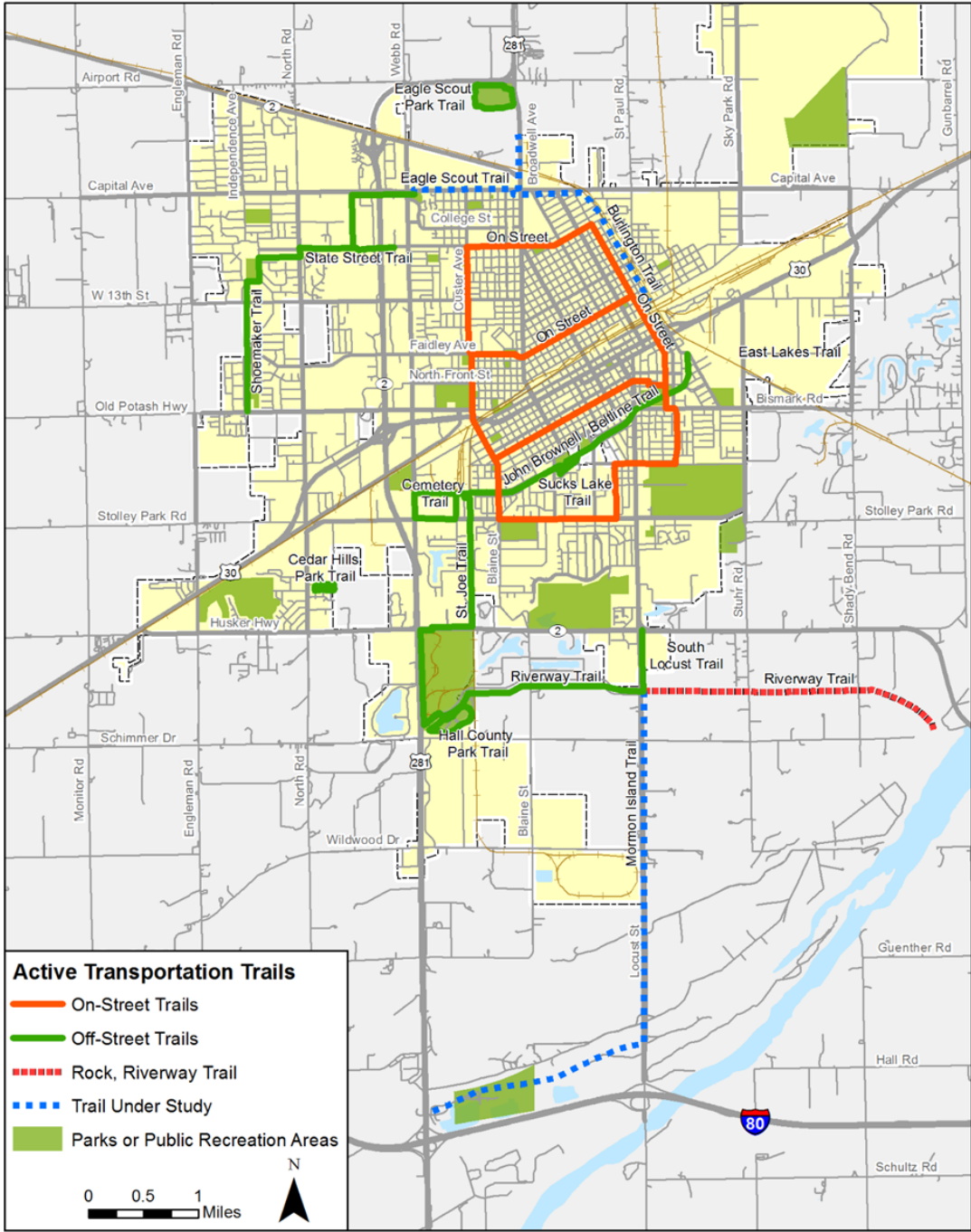
Source: City of Grand Island (2009 - 2013).

Intersection Analysis

- In progress

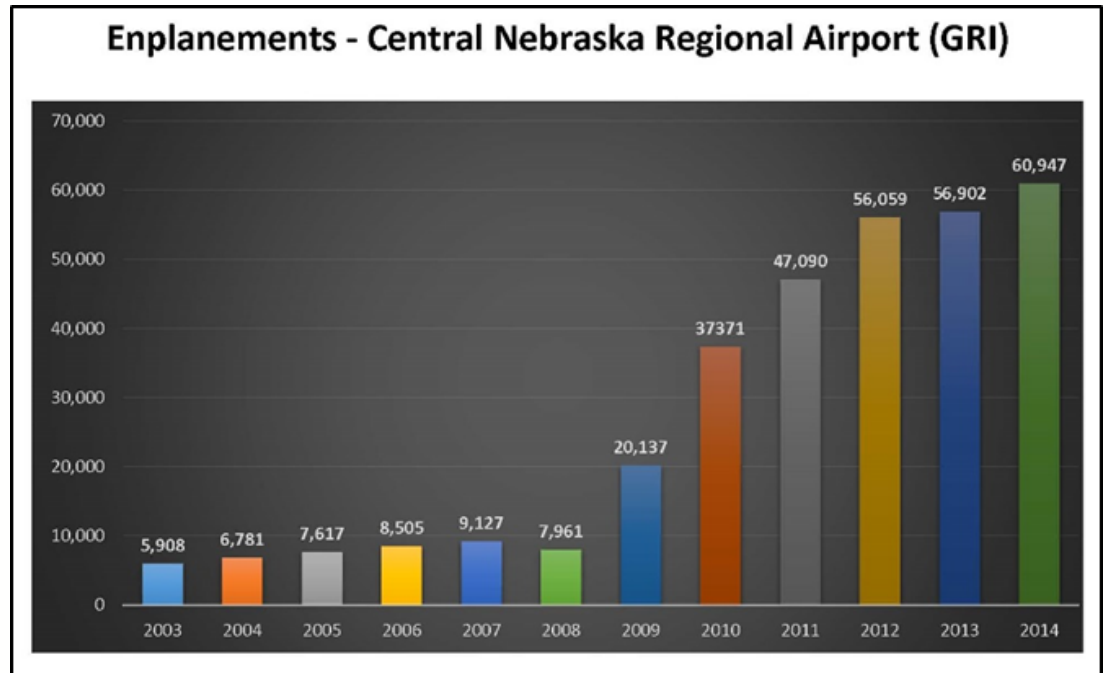


Trails



Aviation

- Allegiant
- American
- Charters
- Fixed Base Operator



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Draft Goals

- Goal 1: Provide Accessibility and improve mobility
- Goal 2: Increase safety and security
- Goal 3: Environmental protection and the preservation of important natural assets
- Goal 4: Further the health, safety, and well-being of all residents in the region.



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Questions and Answers



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Item J2

Journey 2040 Existing Conditions - Goals and Performance Measures

Staff Contact: Chad Nabity, Regional Planning Director

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Item J3

Journey 2040 Next Steps

Staff Contact: Chad Nabity, Regional Planning Director

Technical Advisory Committee

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Regular Session

Item J4

Project Status on Public Participation Plan for the Transportation Planning Process

Staff Contact: John Adams, MPO Program Manager