

Stateline Area Transportation Study

February 22, 2016

2040 Long Range Transportation Plan Update

Meeting #2

Meeting Agenda

- Review Goals/Objectives
- Survey Summary
- Review Existing Conditions/Issues
- Future Year Projections
- Next Steps

SLATS Goals

➤ **Economic Vitality**

- Prioritize transportation investments that foster regional economic development opportunities.

➤ **System Preservation**

- Strategically support and strengthen existing local and regional transportation assets.

➤ **Mobility and Accessibility**

- Develop a comprehensive, multimodal system that enhances mobility and accessibility for all transportation users.

SLATS Goals

➤ Safety and Security

- Improve transportation safety and security throughout the region.

➤ Environmentally Friendly

- Promote transportation investments that preserve and protect the environment.

➤ Healthy Neighborhoods

- Provide well-connected, sustainable neighborhoods that enhance quality of life.

➤ Land Use Integration

- Strengthen the integration between land use and transportation initiatives to promote transportation system efficiency.

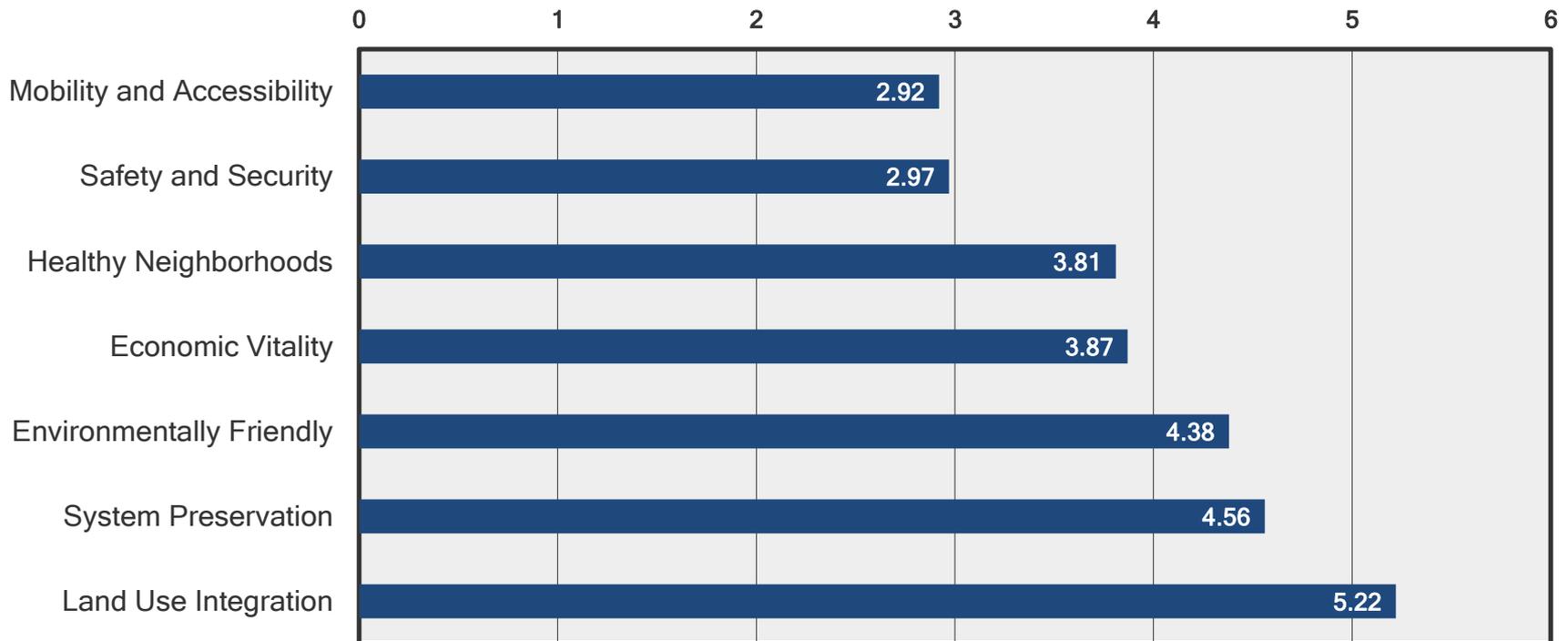
SLATS Goals

	<u>Committee</u> <u>Rank</u>	<u>Public Survey</u> <u>Rank</u>	<u>Trend</u>
Economic Vitality	1	4	-3
System Preservation	2	6	-4
Mobility and Accessibility	3	1	+2
Safety and Security	4	2	+2
Environmentally Friendly	5	5	-
Healthy Neighborhoods	6	3	+3
Land Use Integration	7	7	-

Note: 1 is highest rank, 7 is lowest rank

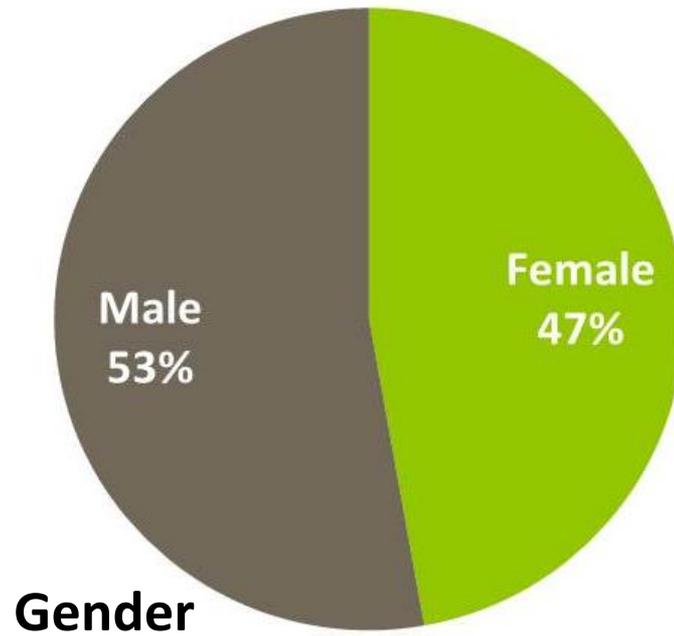
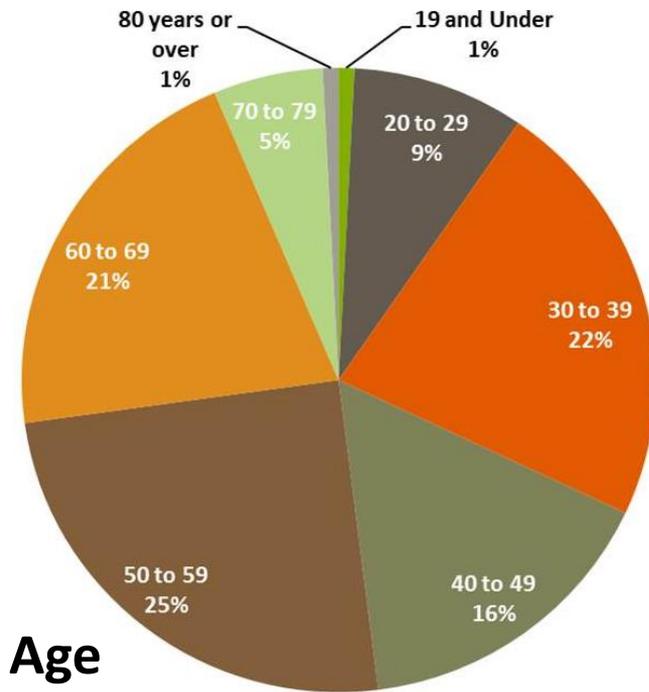
Survey Summary

- Public Survey Goal Rating Average



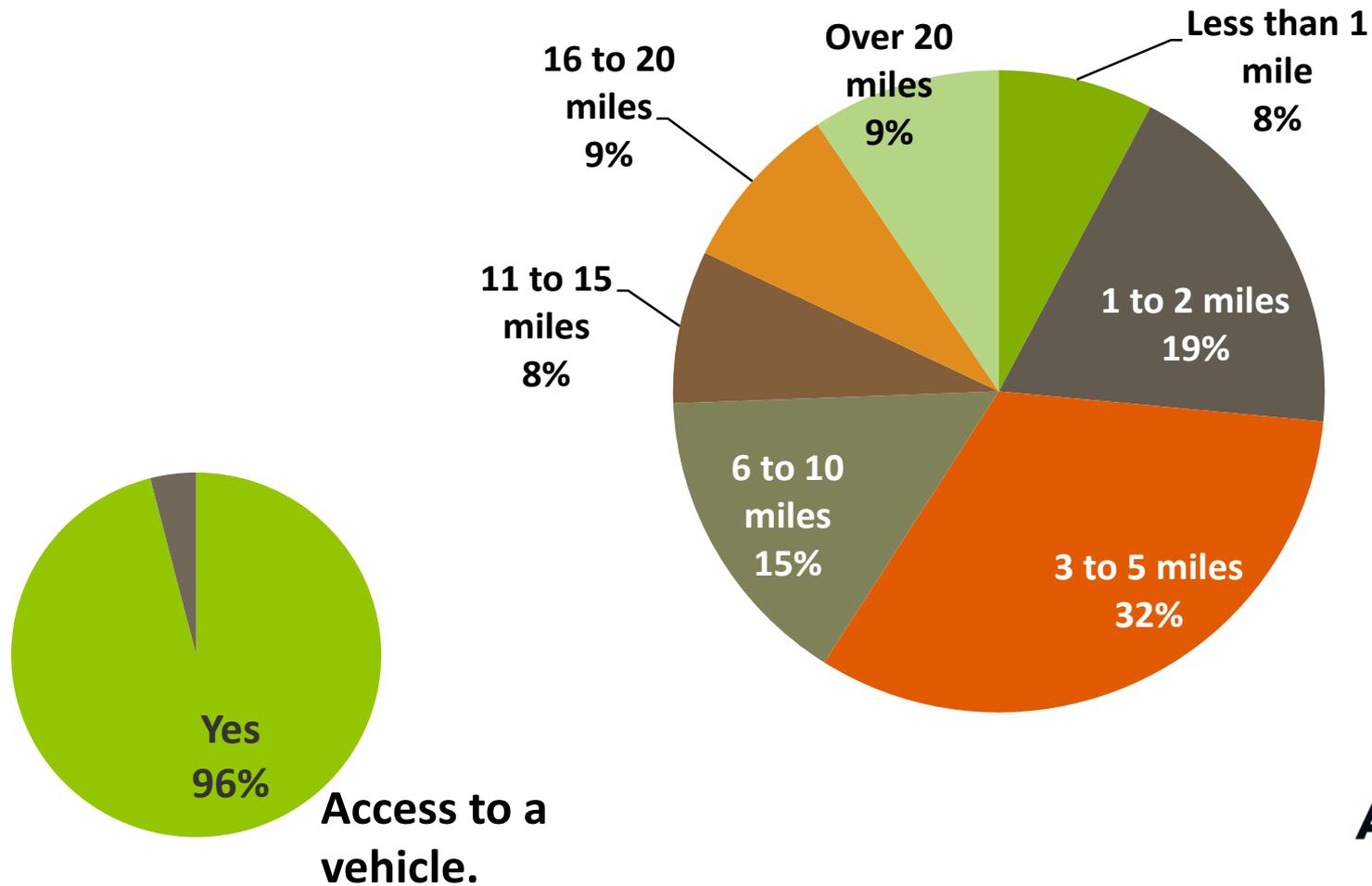
Survey Summary

- January 4th to February 5th
- Survey Responses: 125



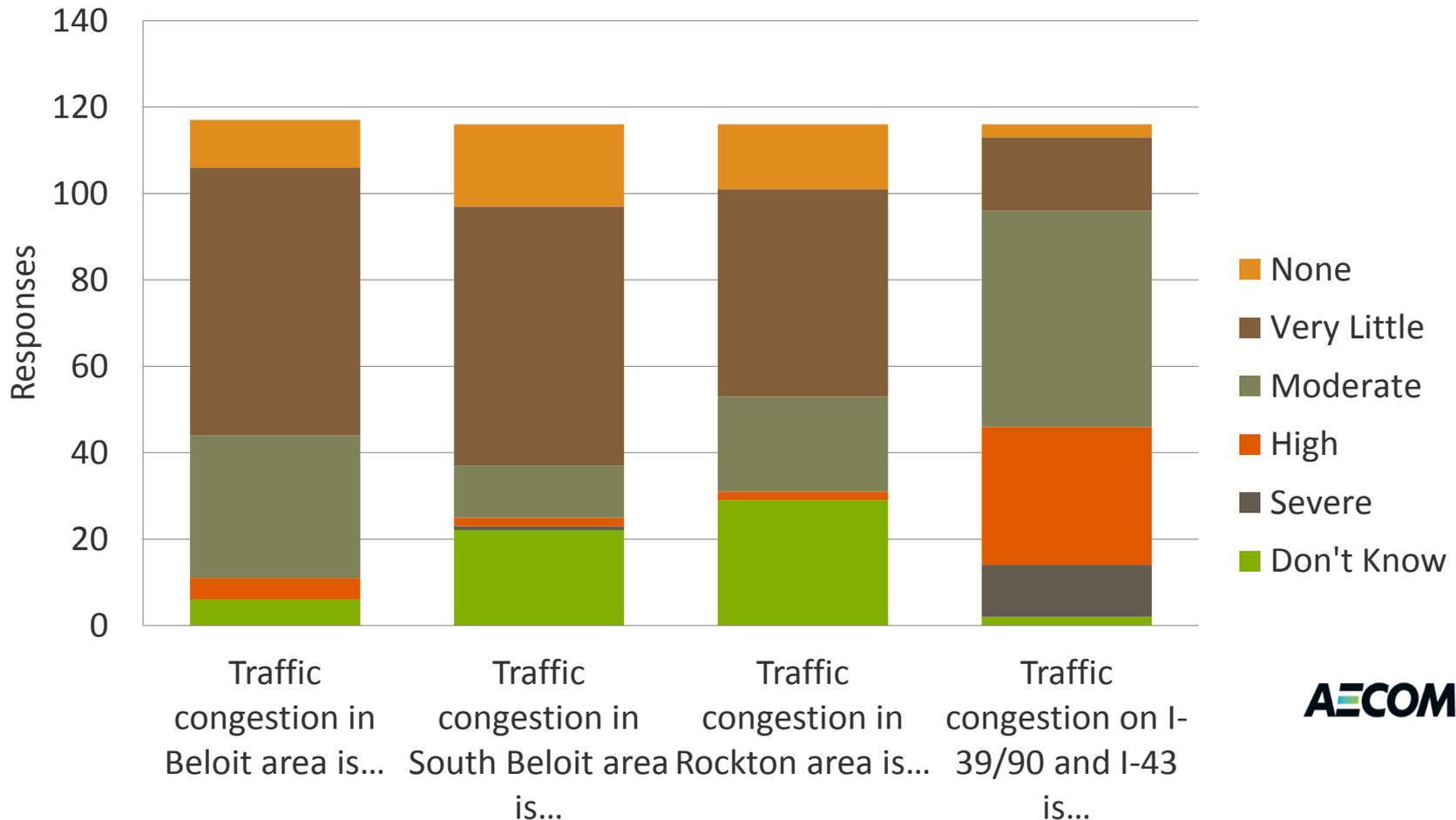
Survey Summary

Commute from home to work.



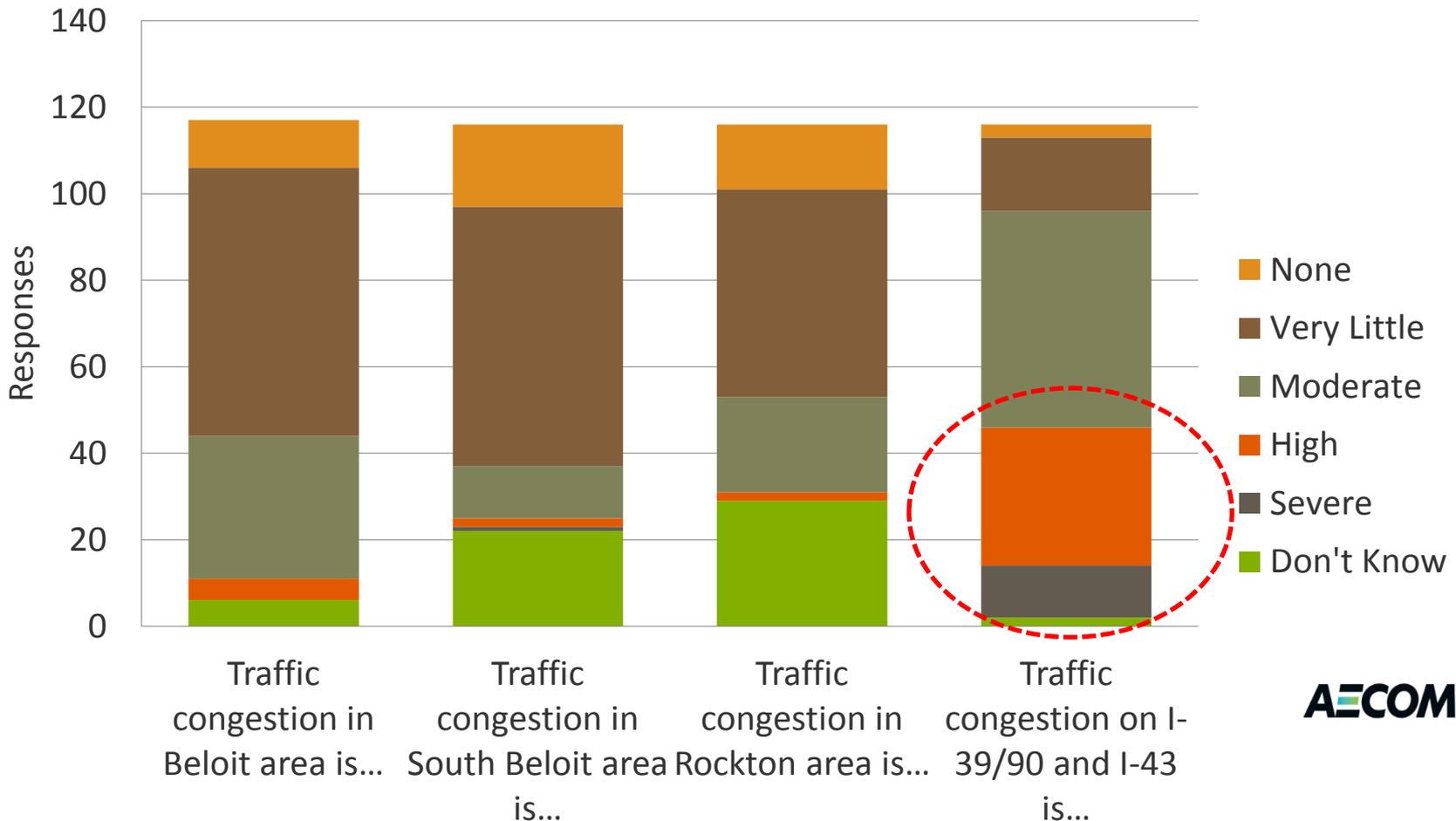
Survey Summary

Based on your experience or perception, rate the following congestion issues...



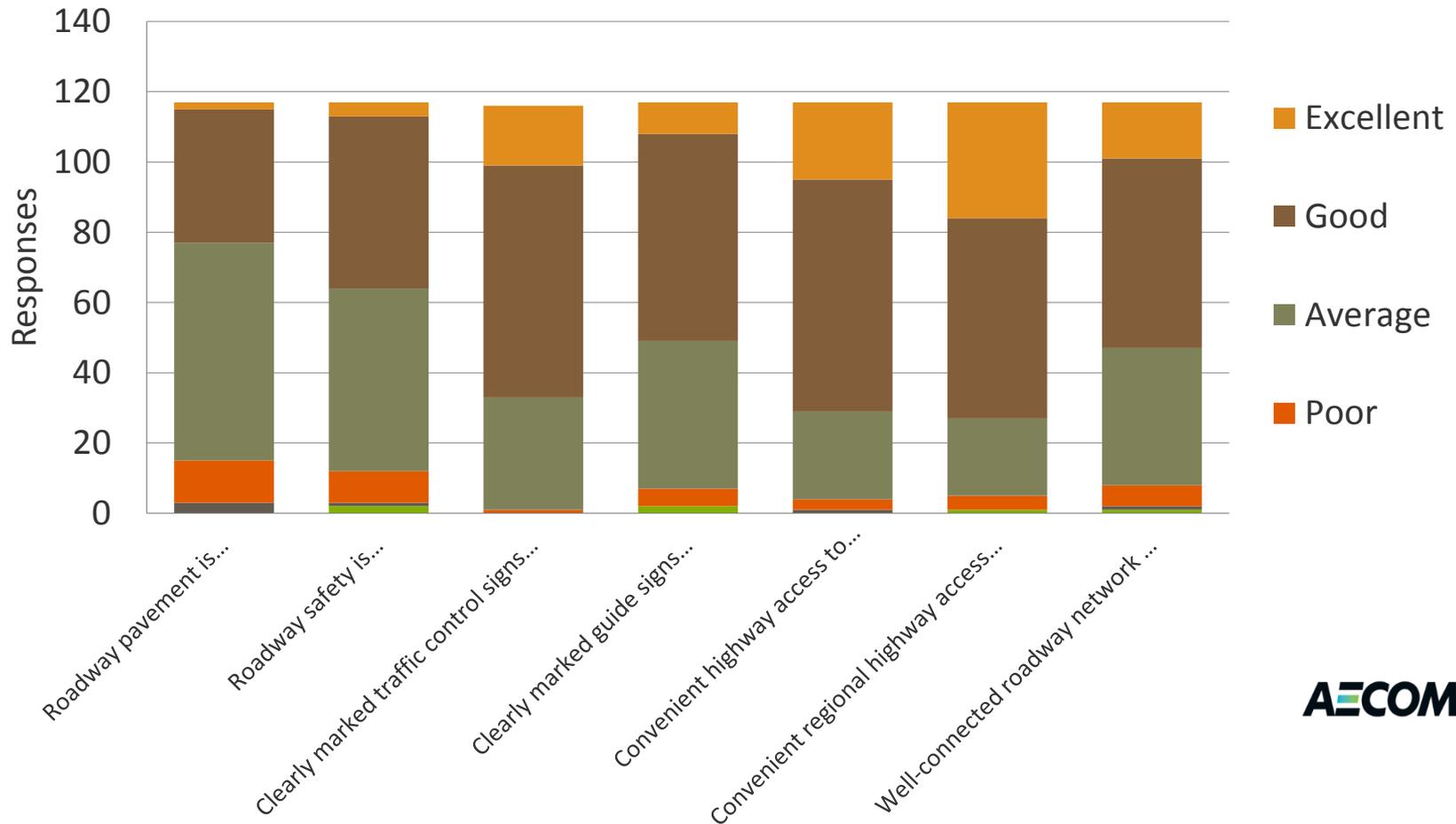
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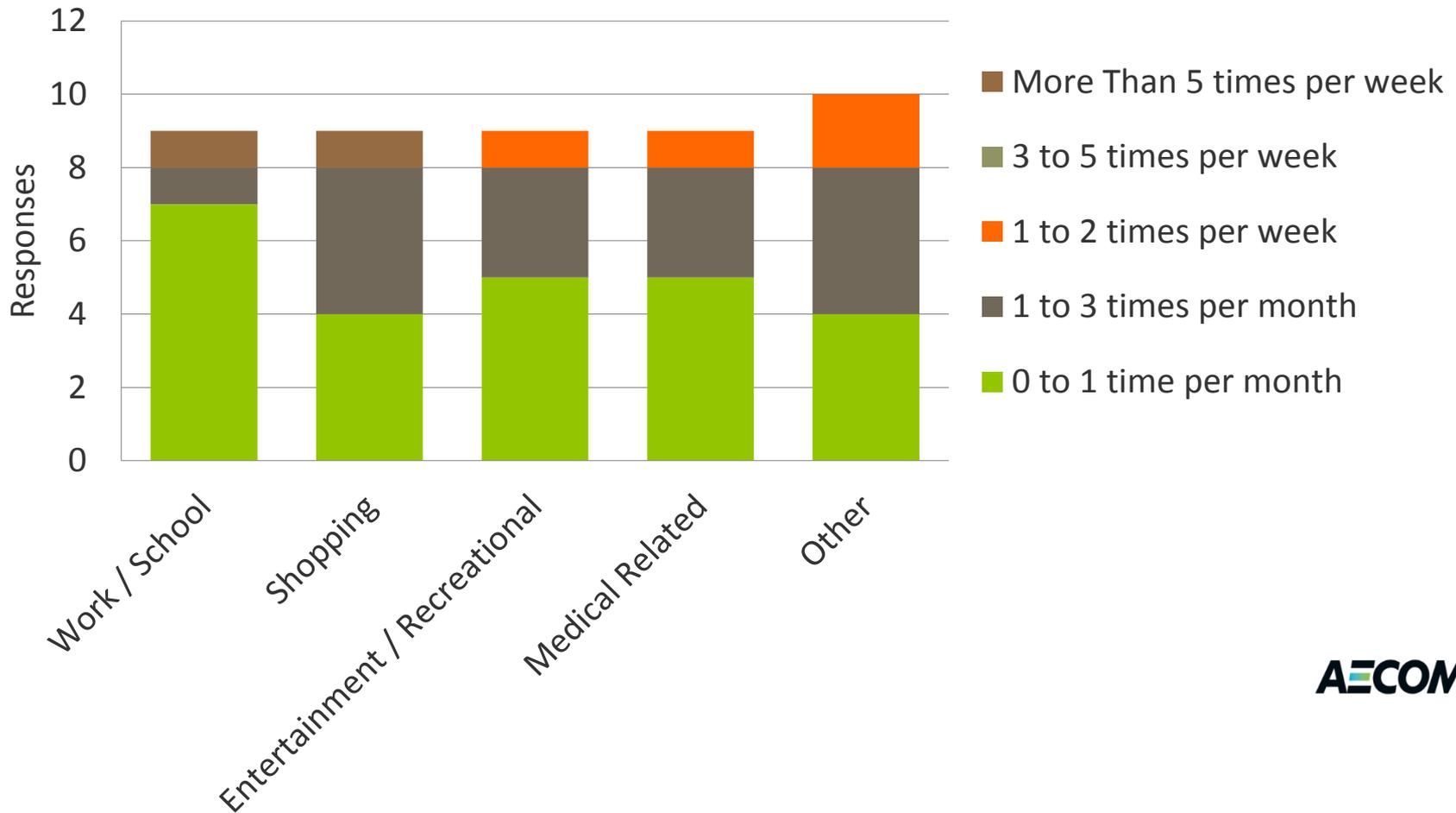
Survey Summary

Transportation Mobility and Issues Survey...



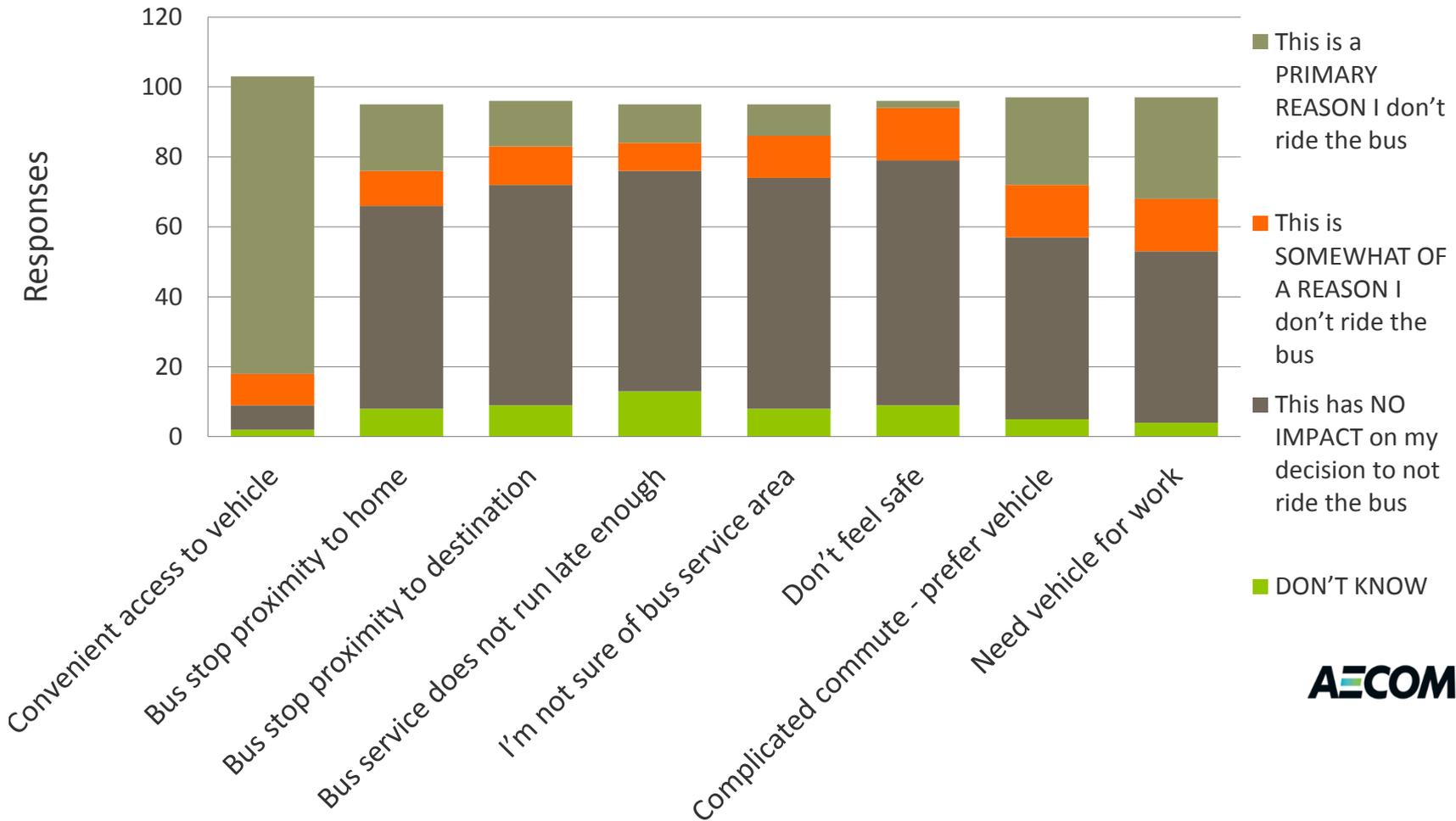
Survey Summary

How frequently do you ride the bus for the following trip purposes?



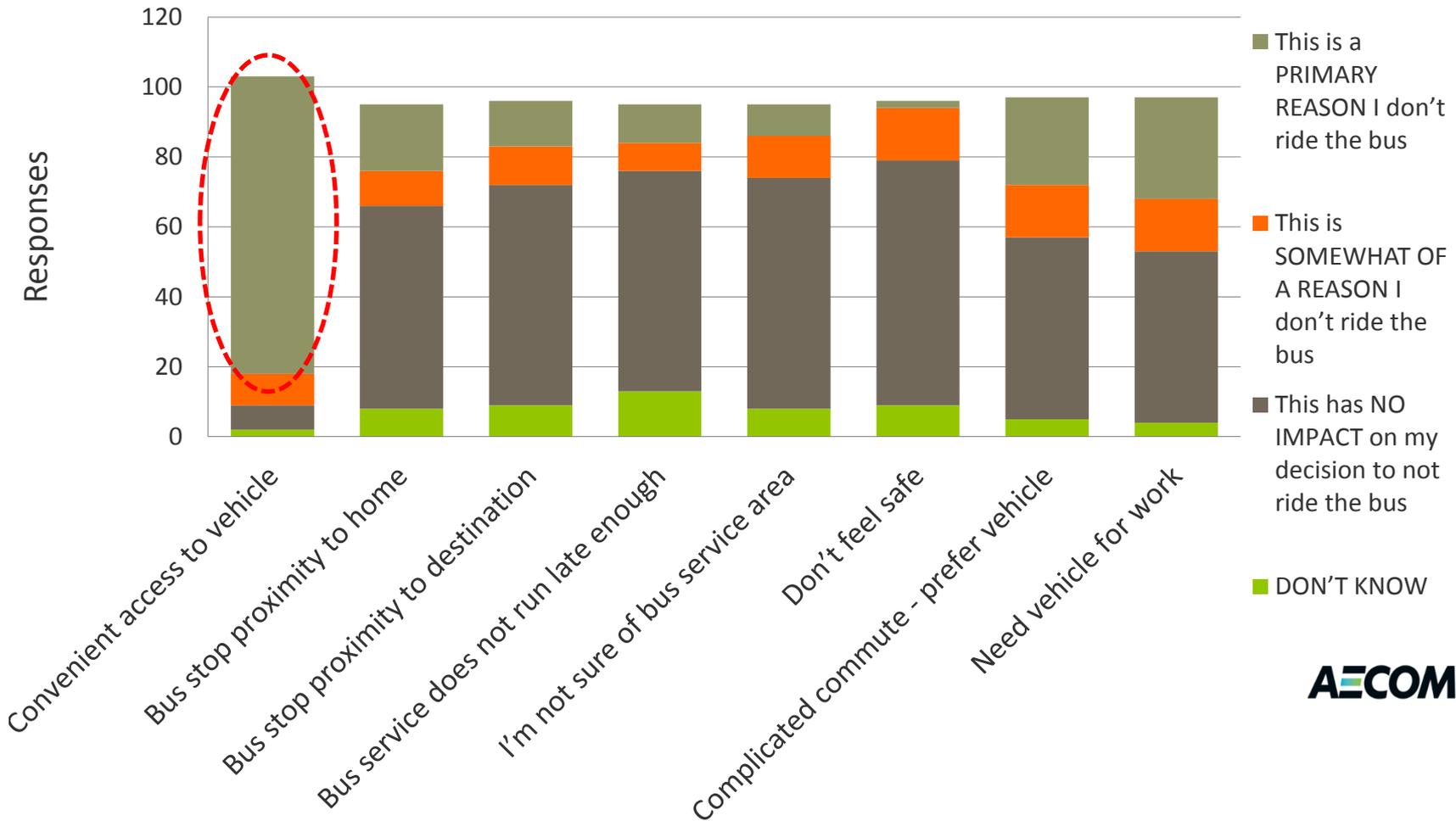
Survey Summary

What factors impact your decision to not ride the bus?



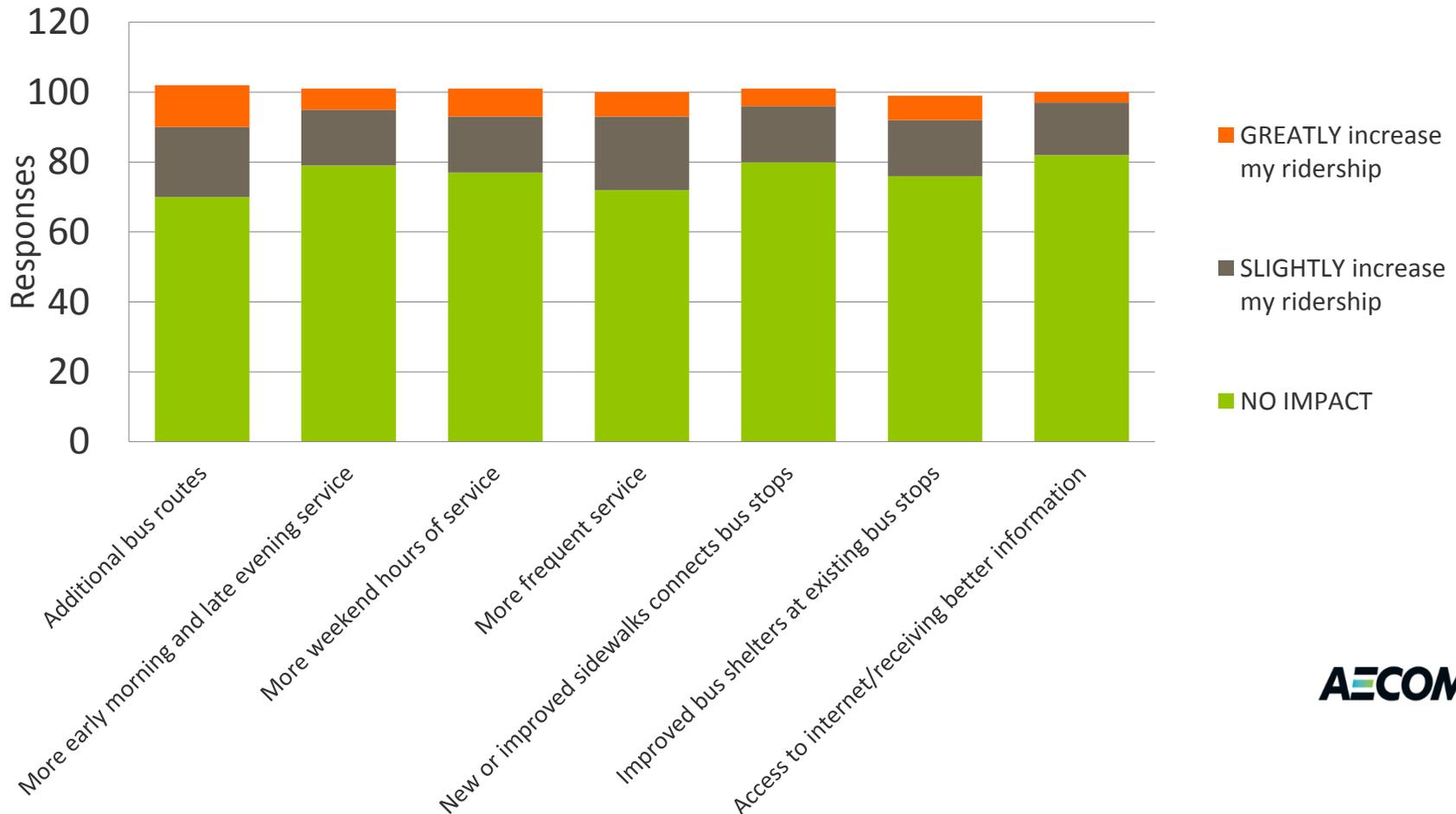
Survey Summary

What factors impact your decision to not ride the bus?



Survey Summary

How would the following improvements impact your transit ridership?

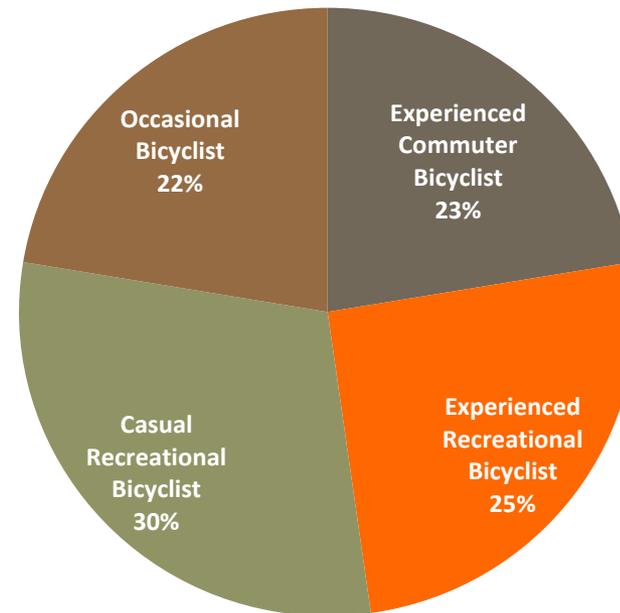


Survey Summary

How often do you ride a bicycle within the Stateline Area?

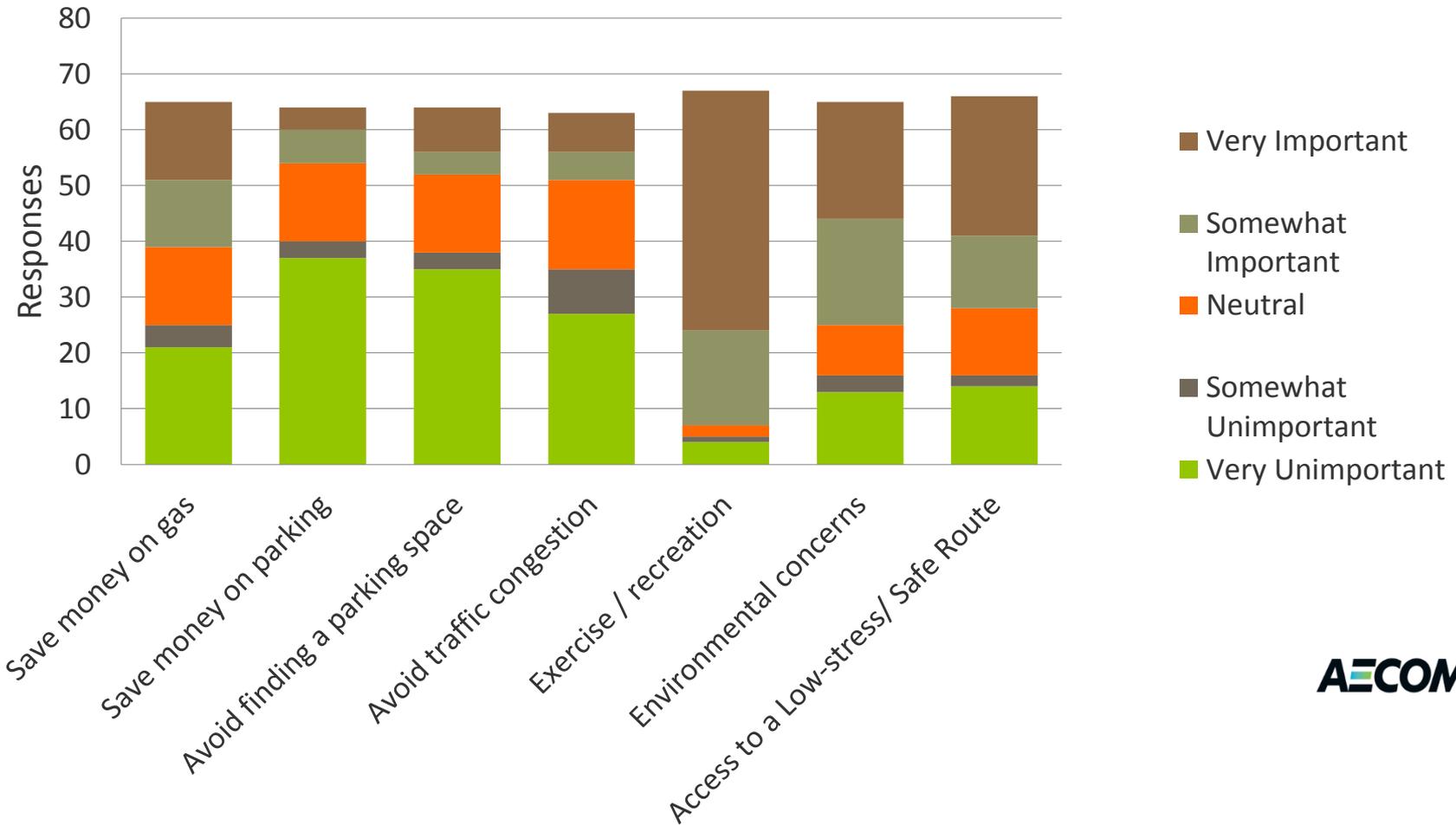


How would you describe your bicycling skill level?



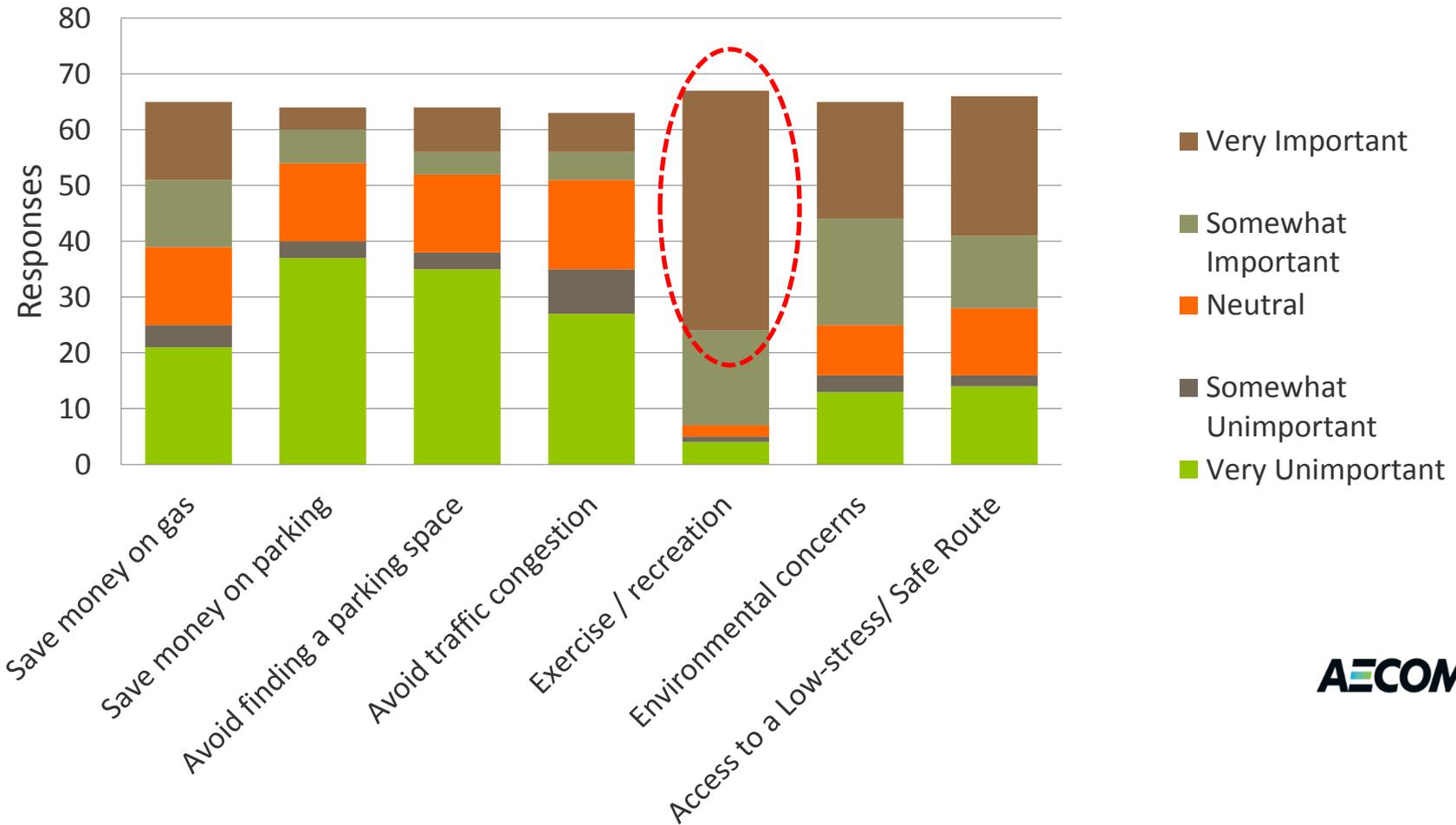
Survey Summary

How important are the following issues impacting your decision to ride a bicycle?



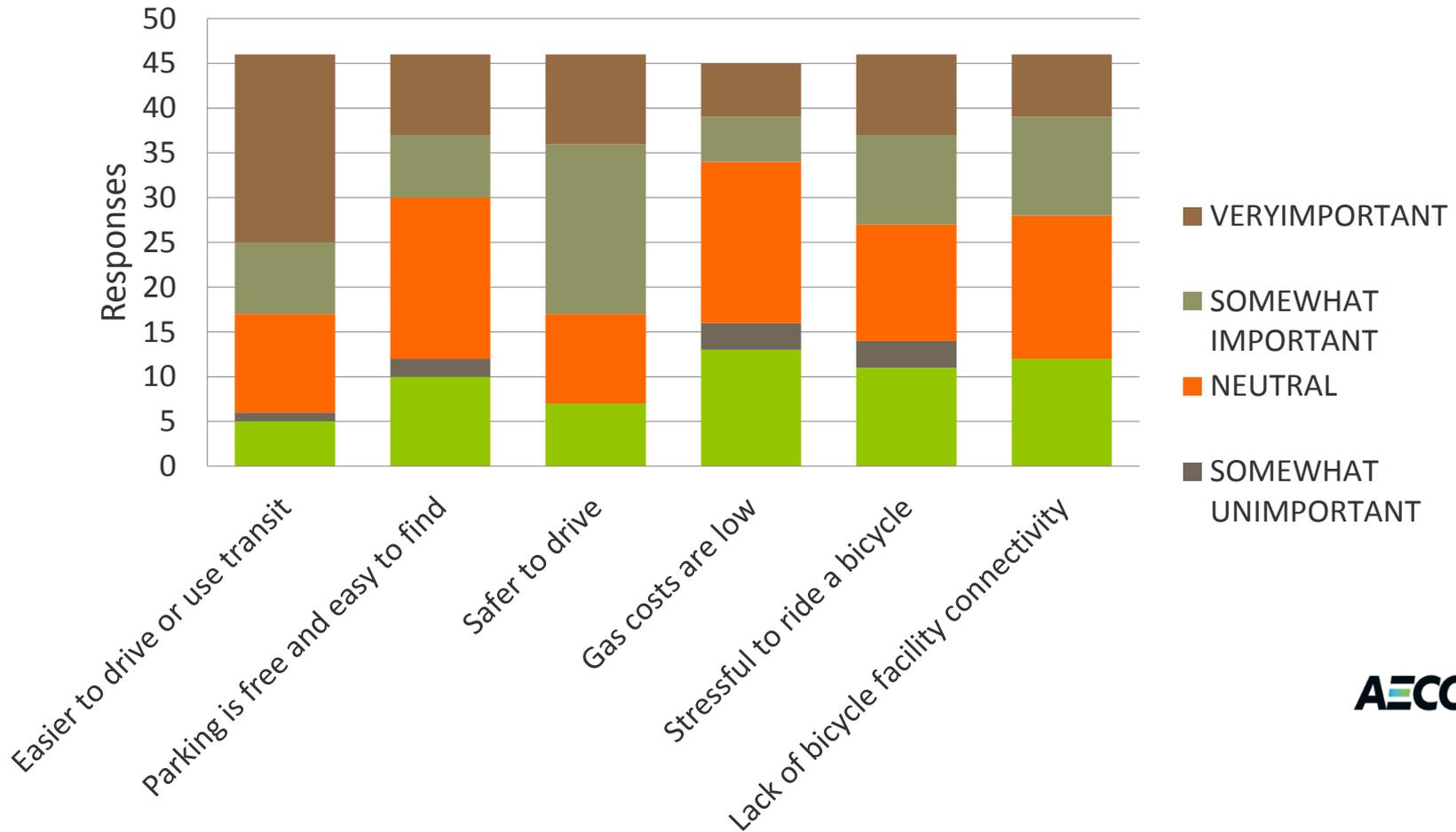
Survey Summary

How important are the following issues impacting your decision to ride a bicycle?



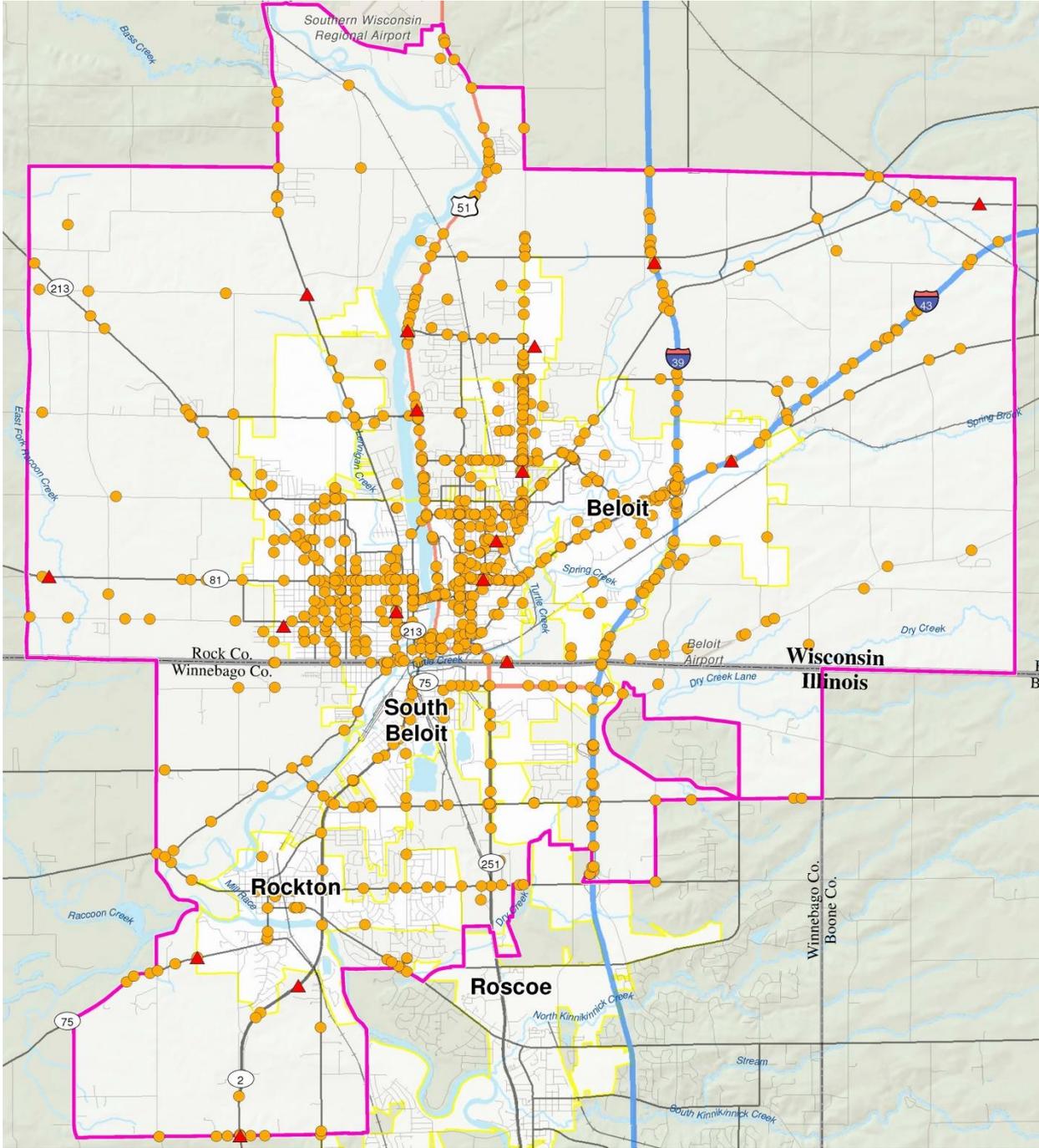
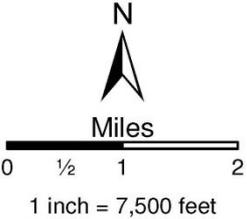
Survey Summary

How important are the following issues impacting your decision to NOT ride a bicycle?



Crash Data

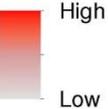
- ▲ Traffic Accidents Resulting in Fatalities
- Traffic Accidents Resulting in Injuries
- Major Highways
- Highways
- Major Roads
- Streets
- Ramps
- City Limits
- Railroads
- Waterbody
- SLATS MPO Planning



Crash Data

▲ Traffic Accidents Resulting in Fatalities

Density of Car Accidents Resulting in Injuries



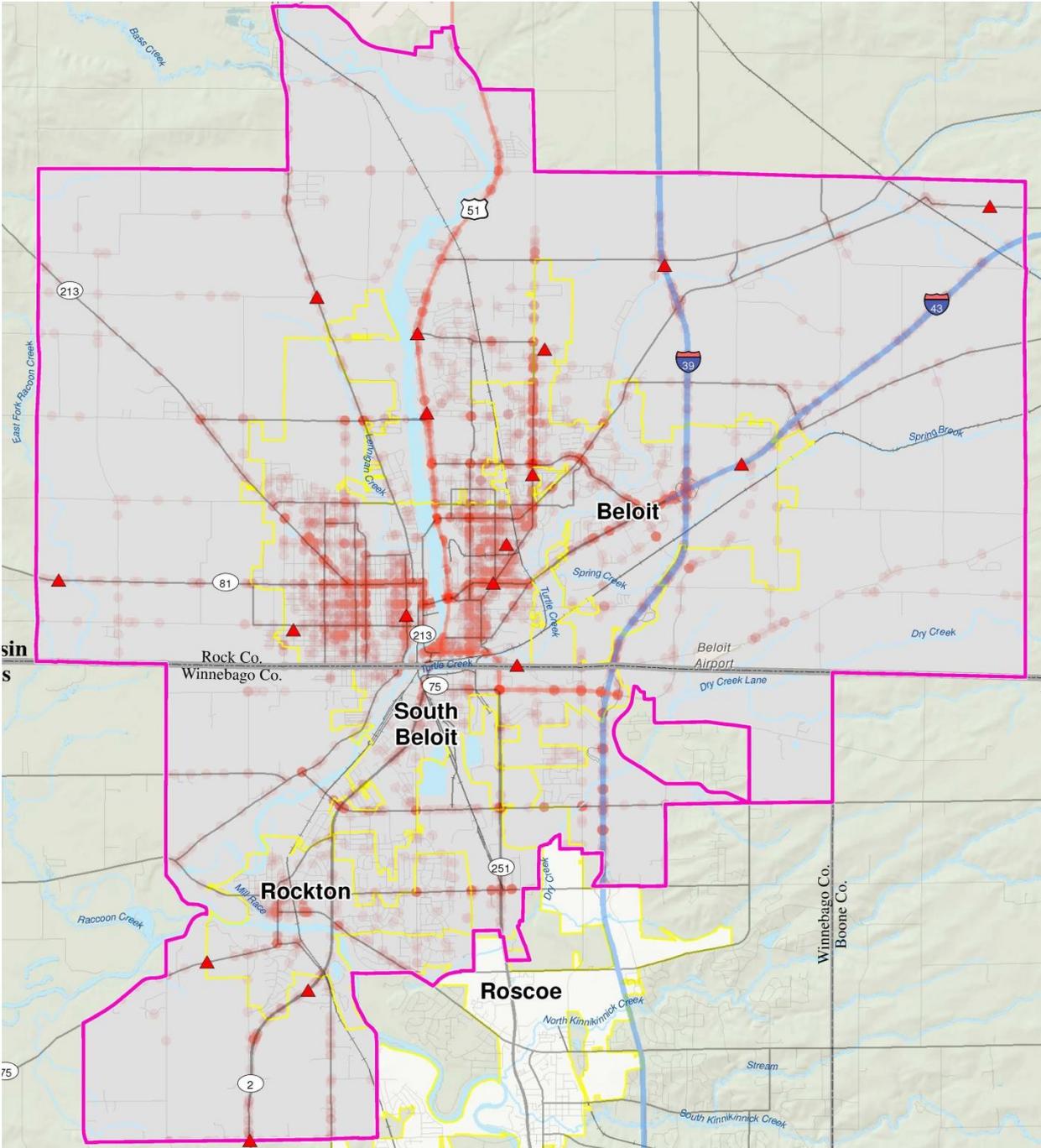
-  Major Highways
-  Highways
-  Major Roads
-  Streets
-  Ramps
-  City Limits
-  SLATS MPO Planning



Miles

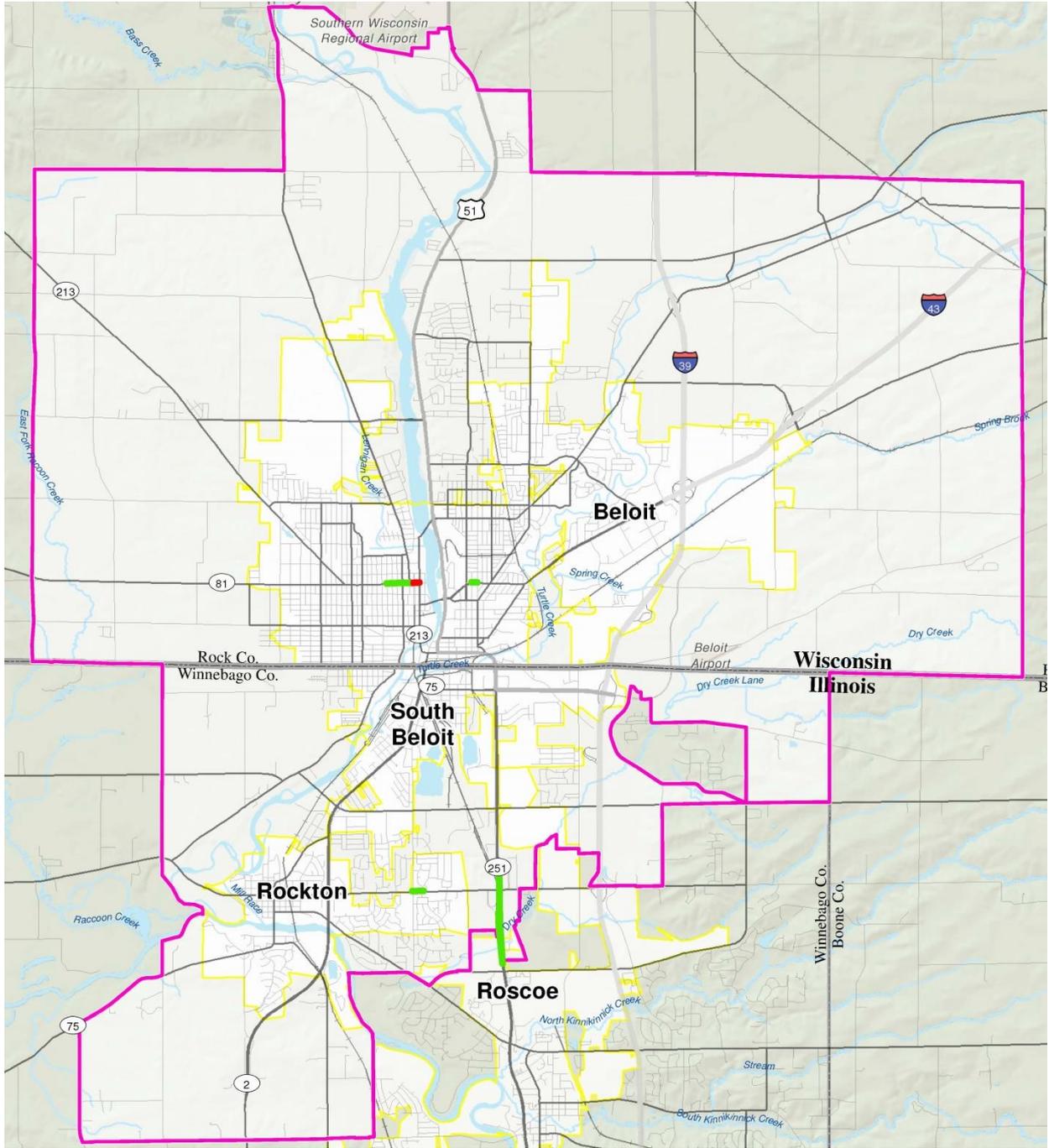
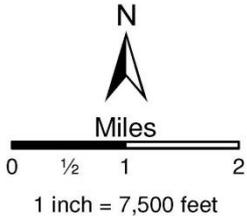


1 inch = 7,500 feet



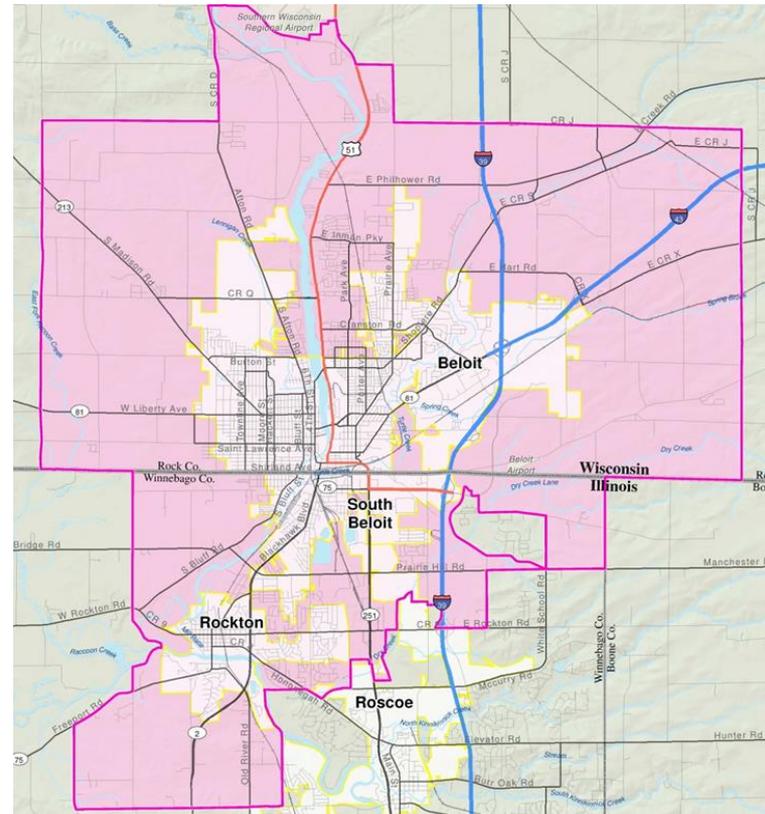
Level of Service (2050)

- Level of Service**
- █ Approaching Capacity
 - █ At Capacity
 - █ Over Capacity
 - SLATS MPO Planning Area
 - Major Highways
 - Highways
 - Major Roads
 - Streets
 - Ramps
 - City Limits
 - Railroads
 - █ Waterbody

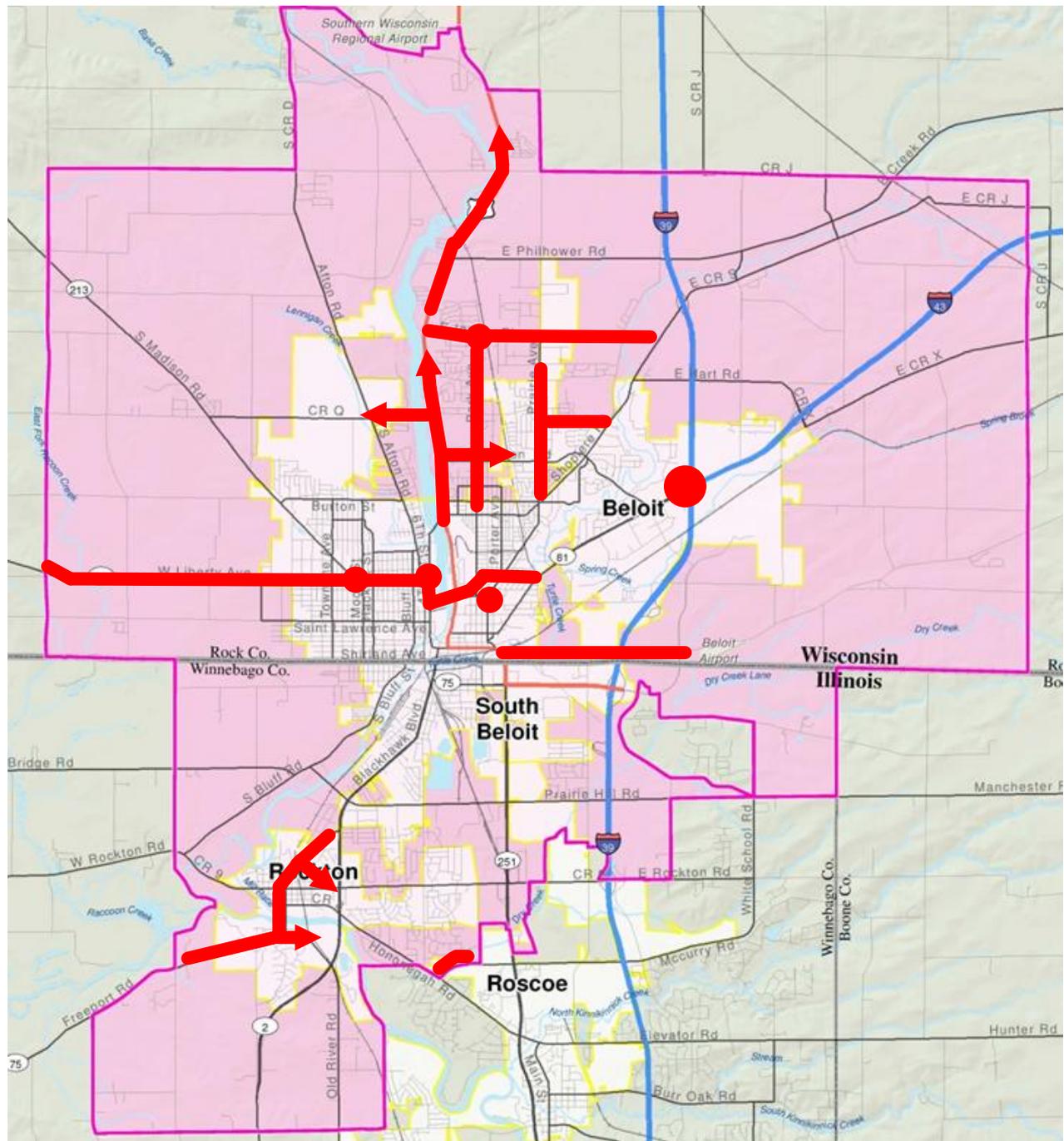


Existing Conditions & Issues

- What specific transportation issues exist in SLATS MPA?
 - Roadway
 - Transit
 - Non-Motorized
 - Freight

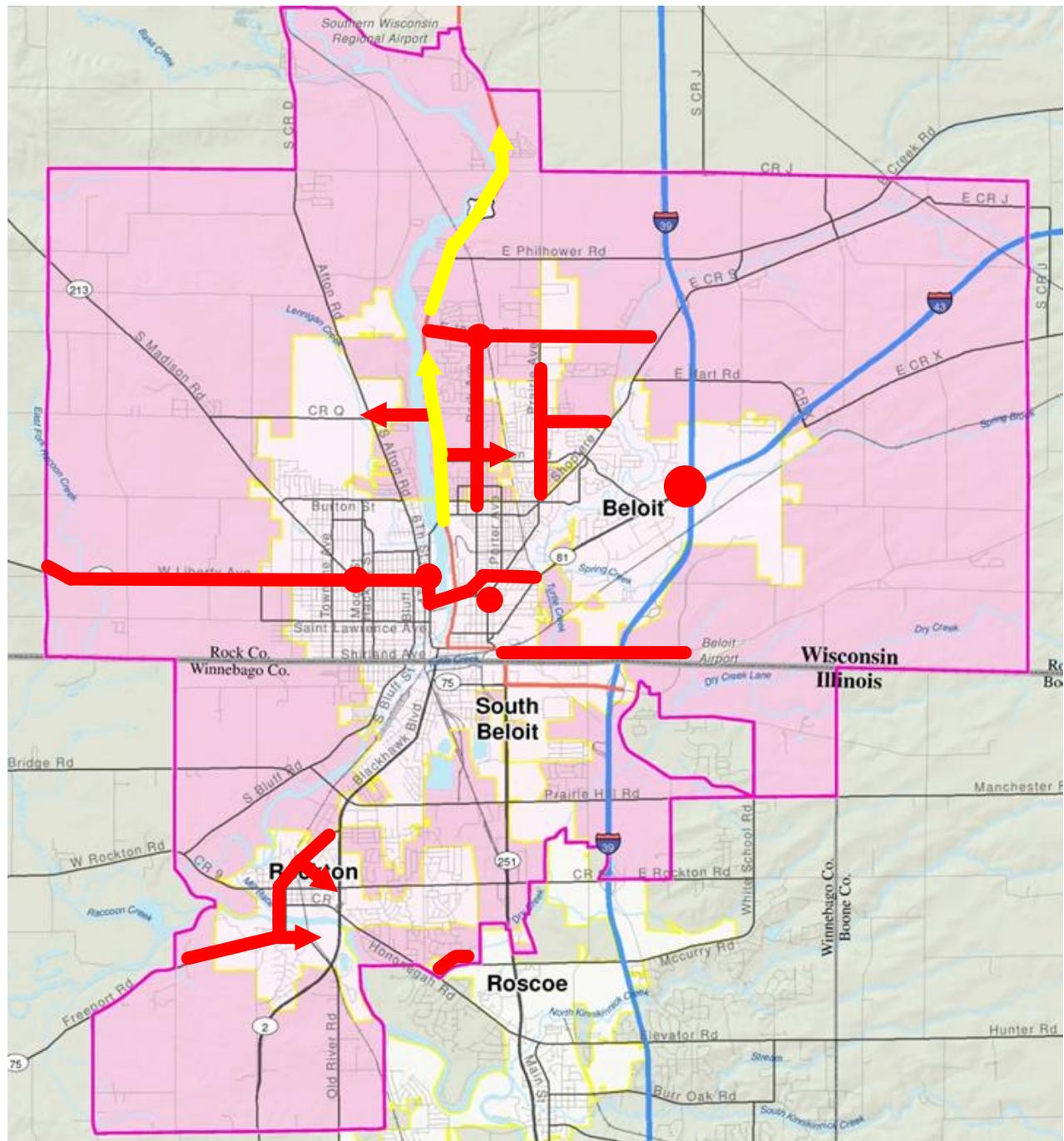


Roadways



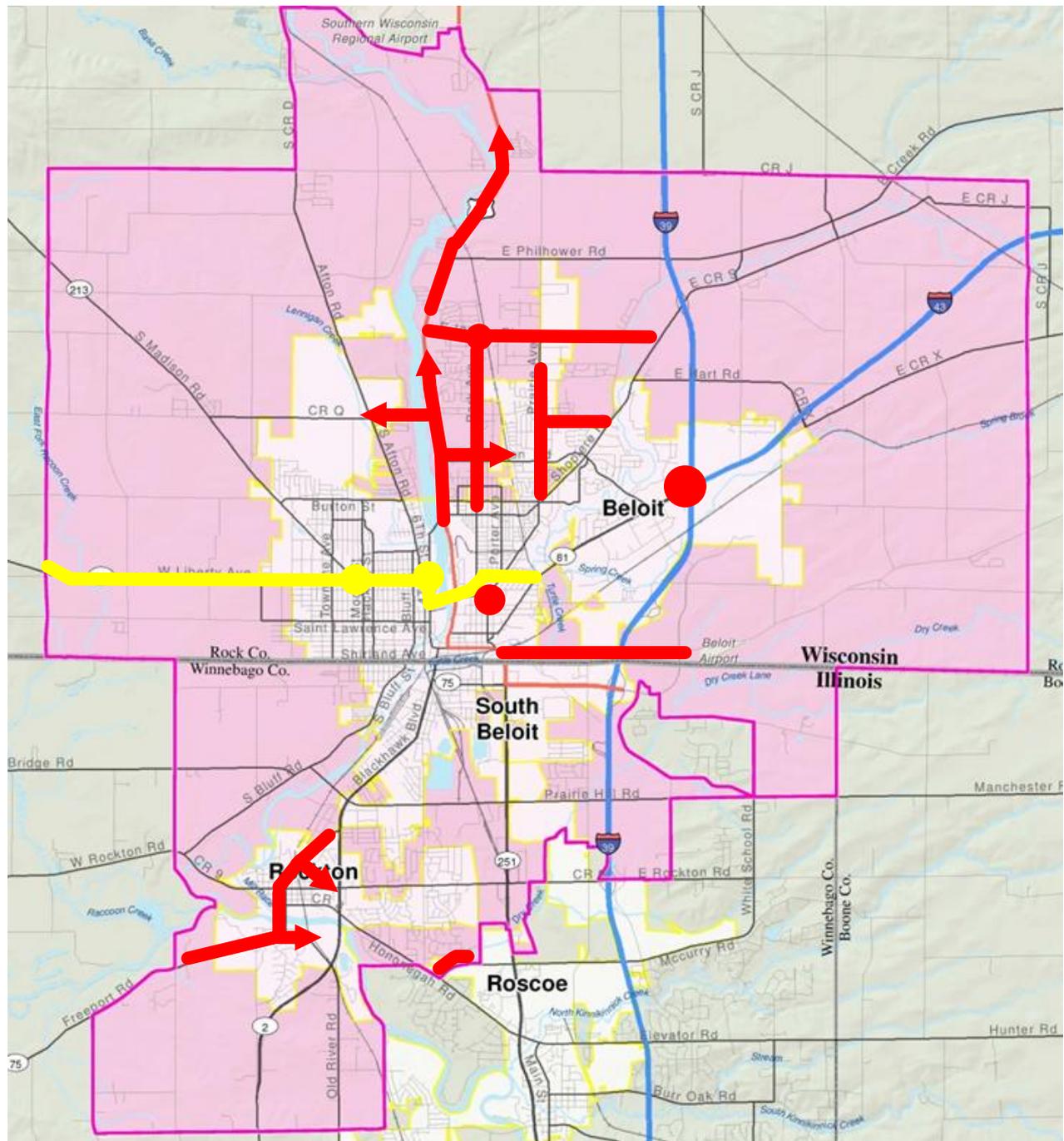
Roadways

- Highway 51 Corridor
- Highway 81 Corridor
- Newark Rd-Highway 51-Cranston Rd
- Blackhawk Blvd
- Inman Pkwy



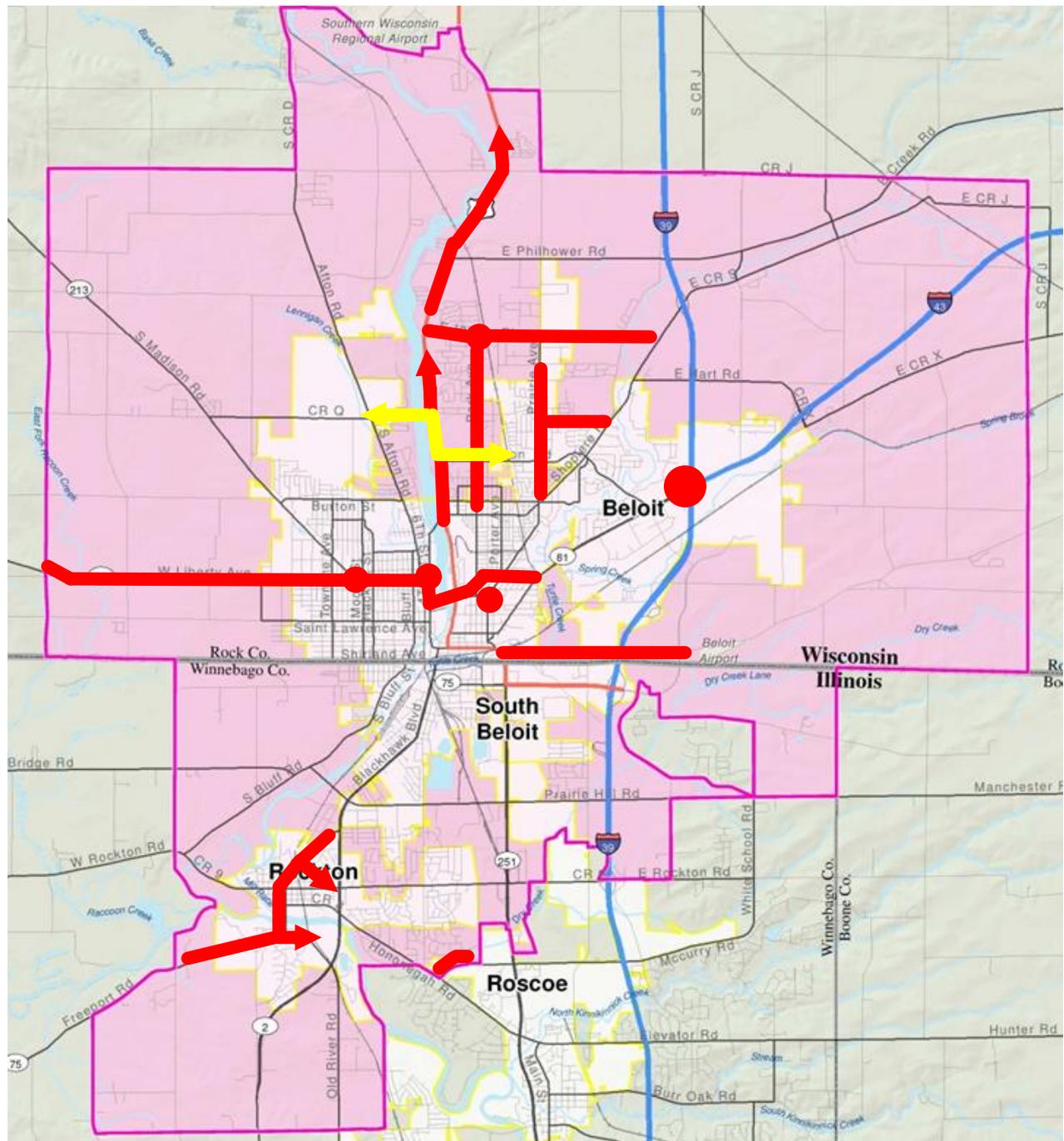
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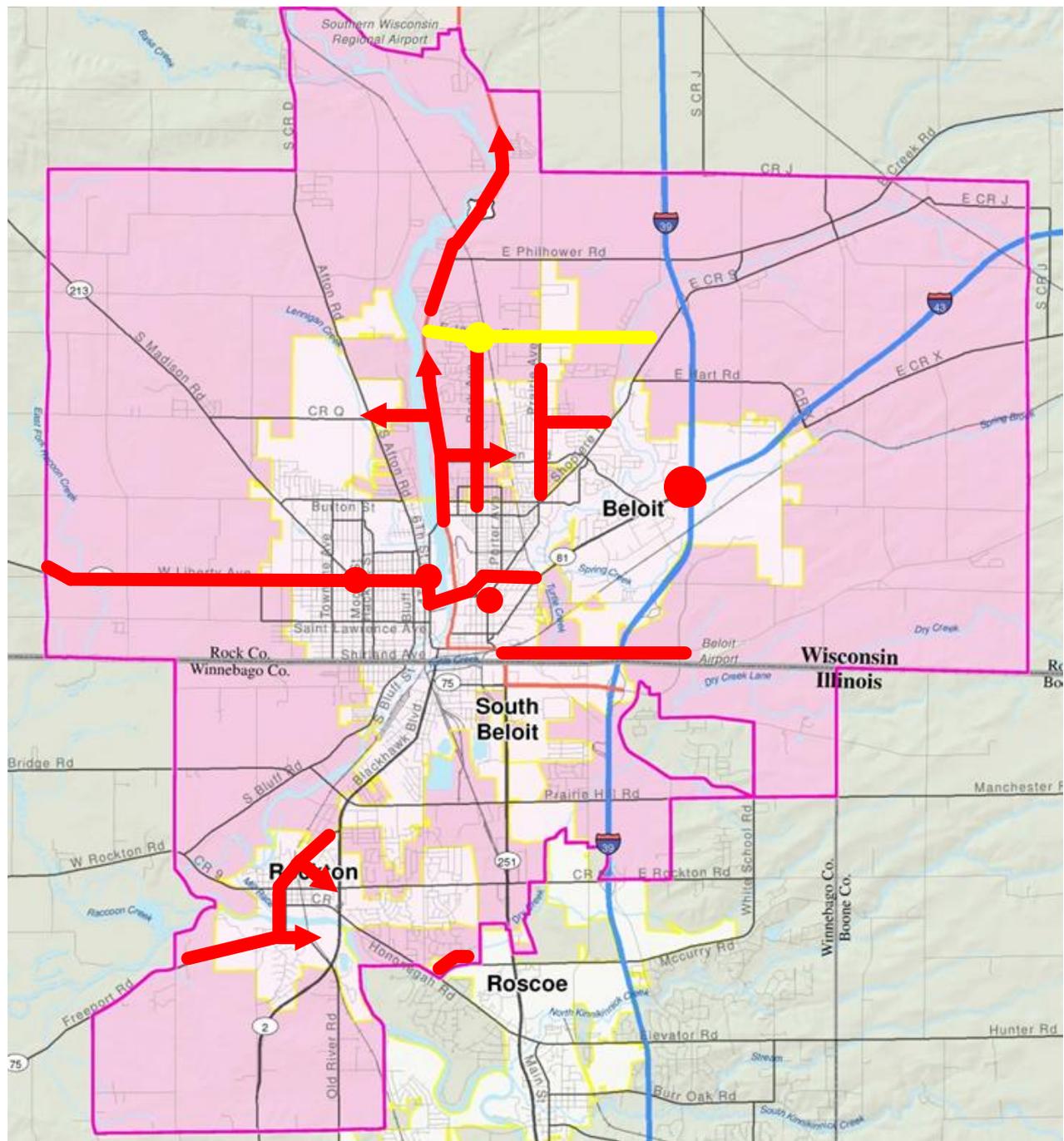
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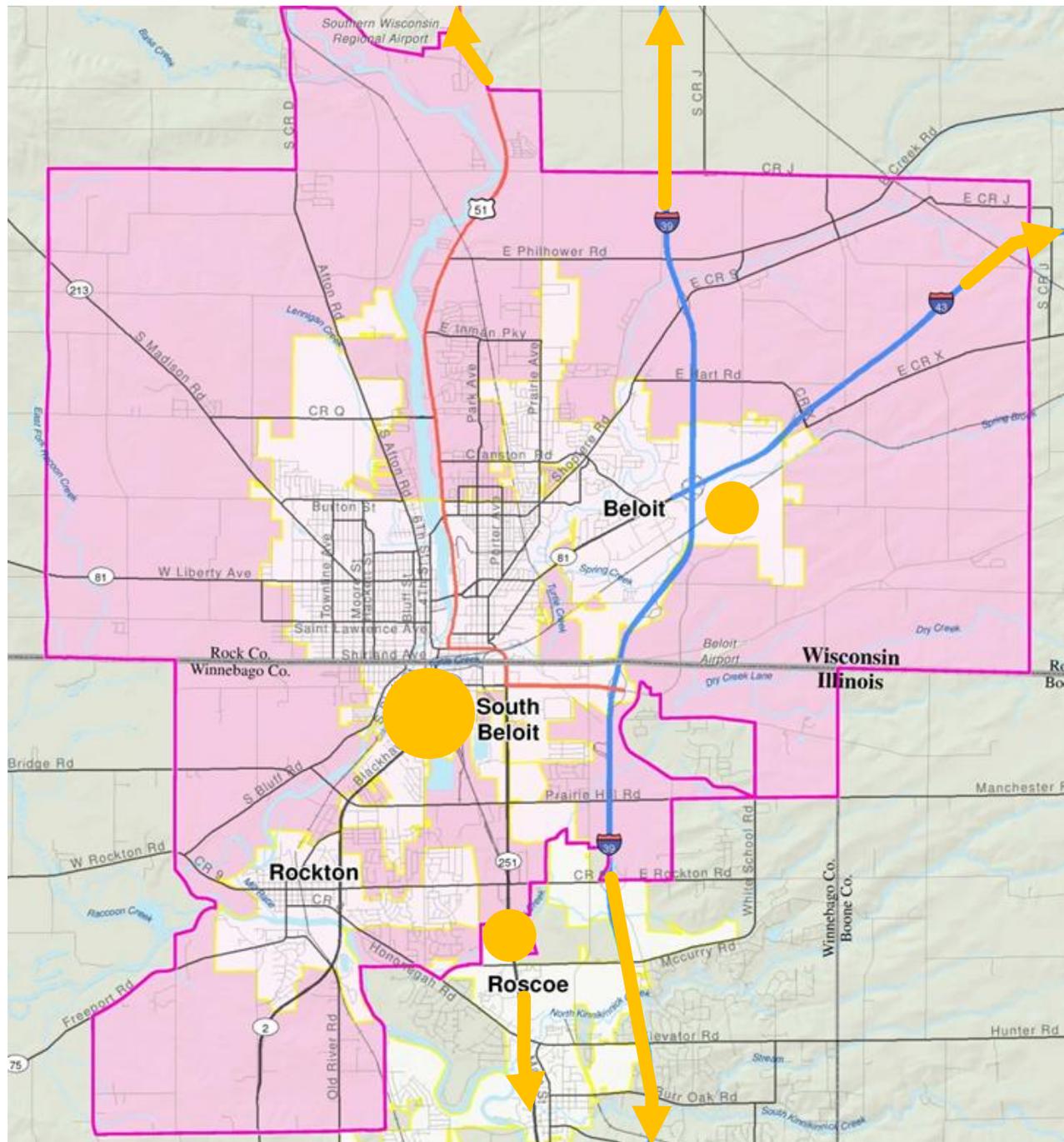


Roadways

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Transit



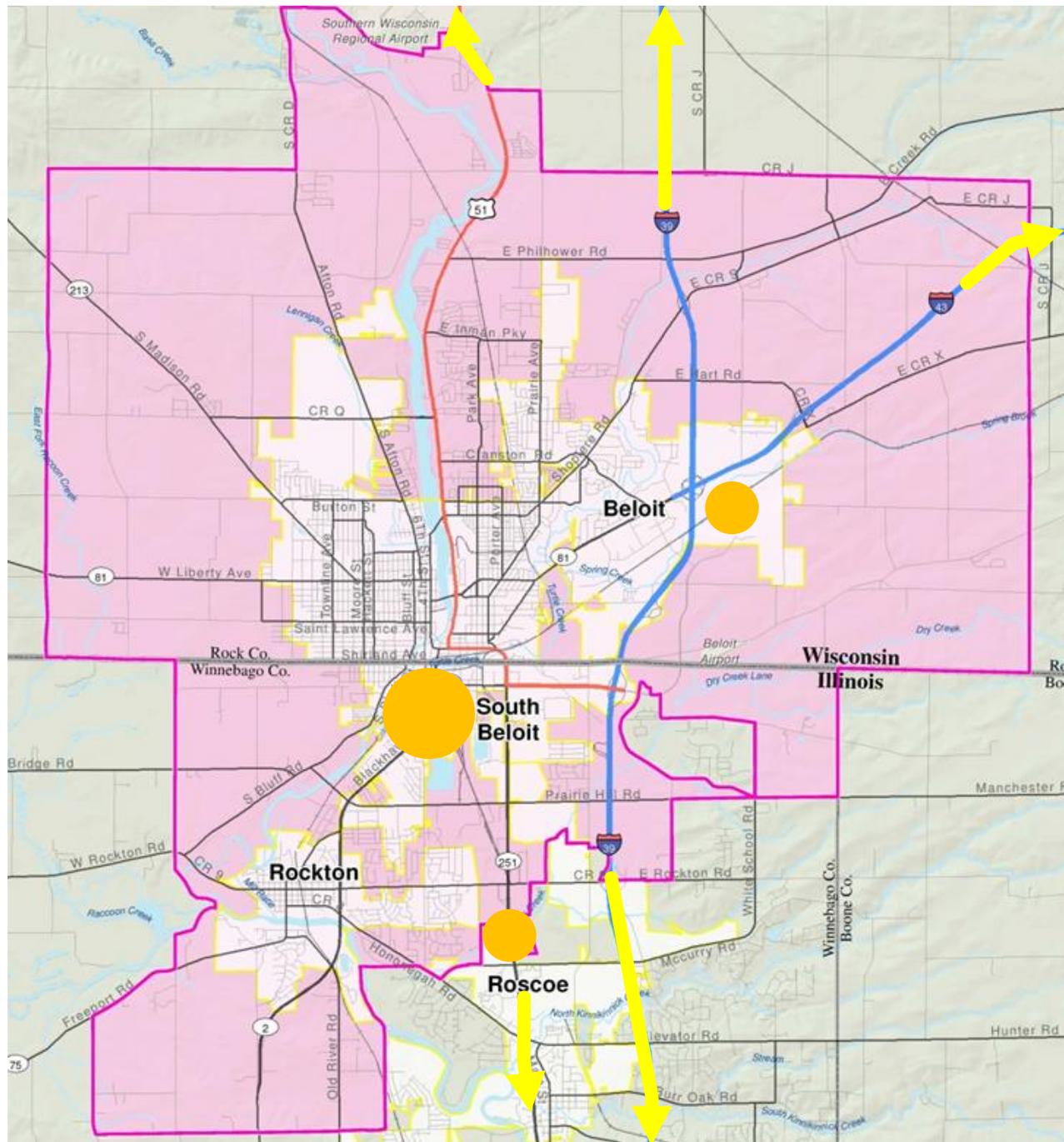
Transit

- Regional Connections:

- Interstate 39/90 & 43
- Highway 51
- Janesville
- Northern Illinois

- Service Areas:

- South Beloit
- Roscoe
- Gateway Business Park



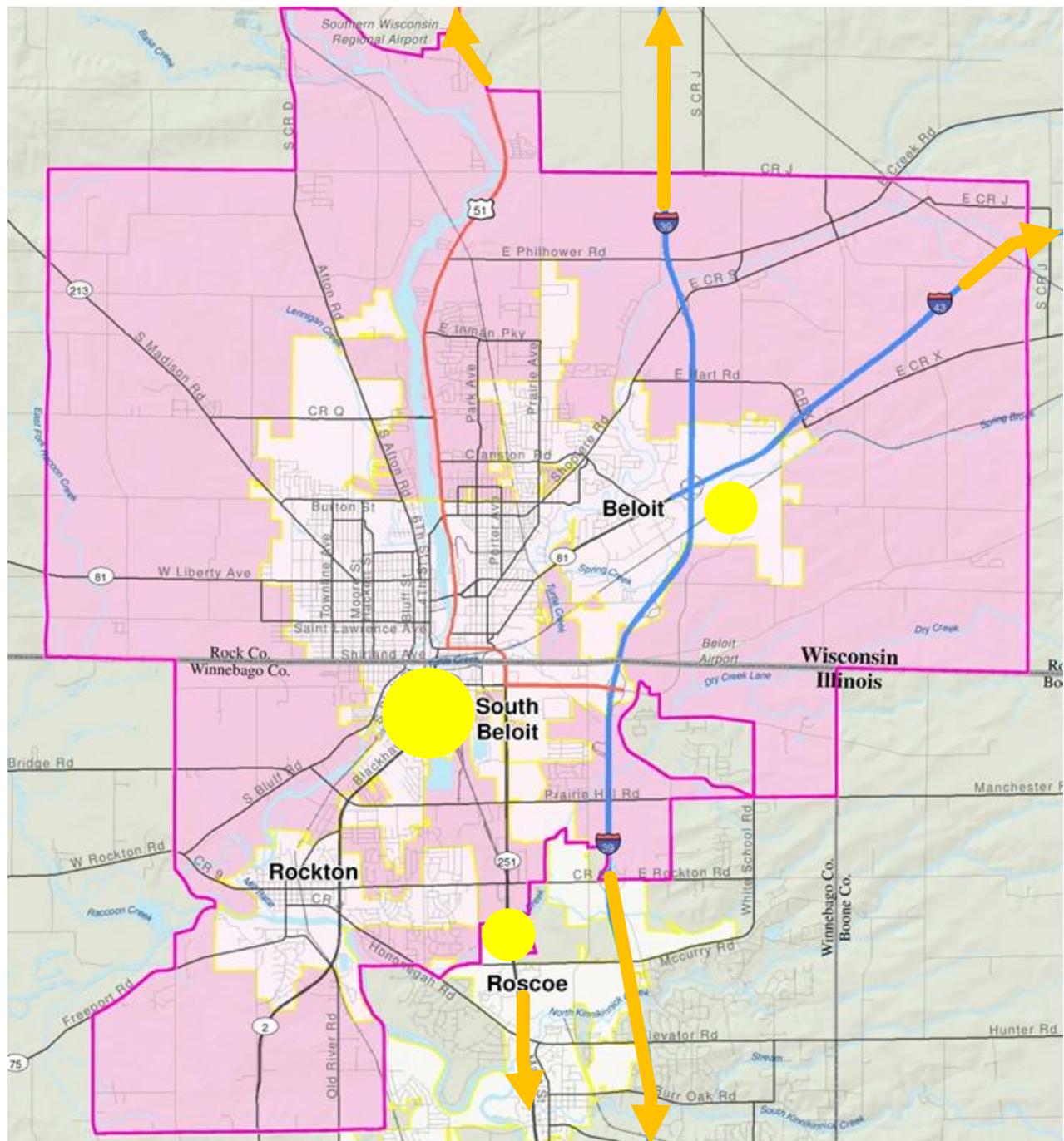
Transit

- Regional Connections:

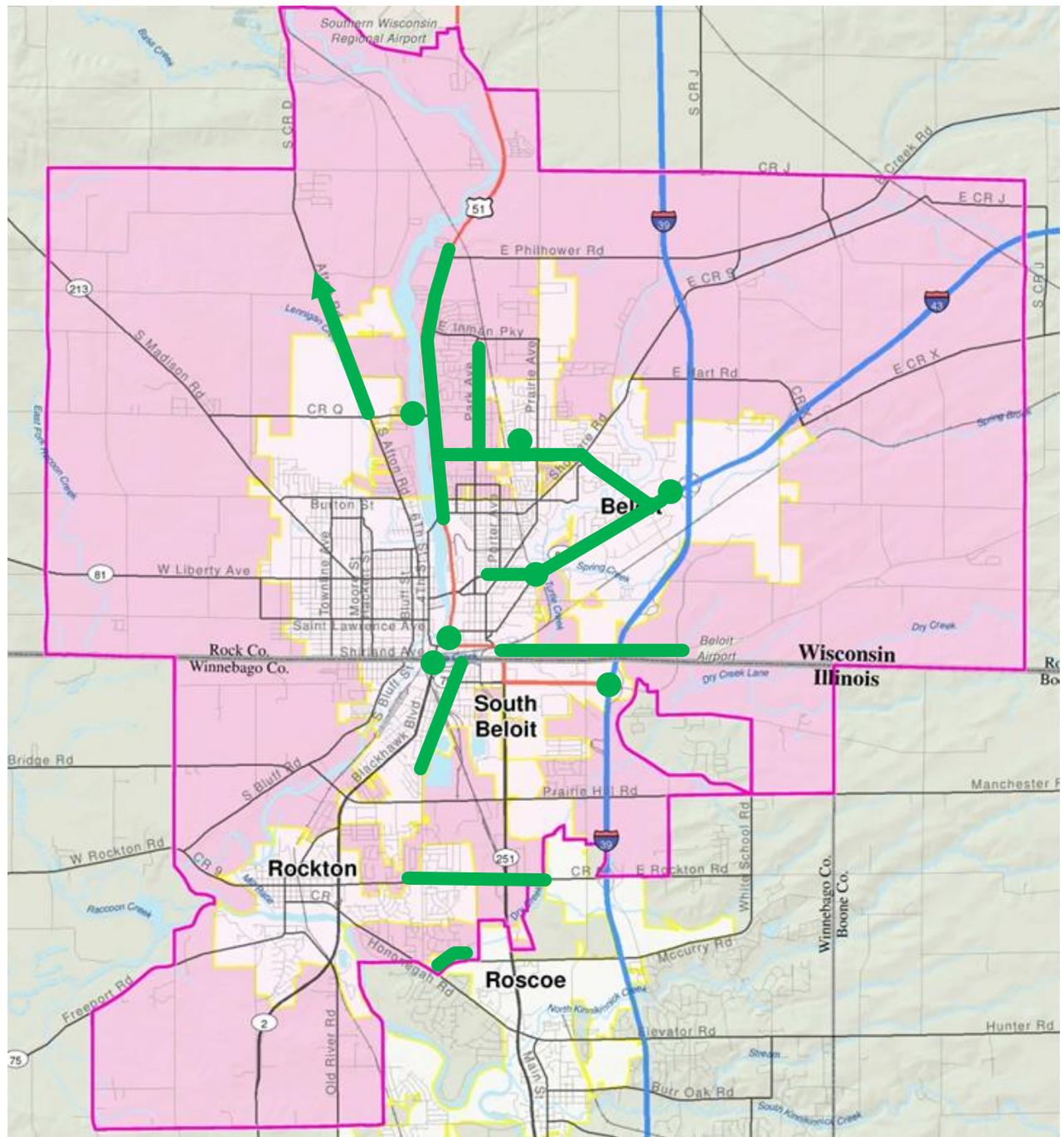
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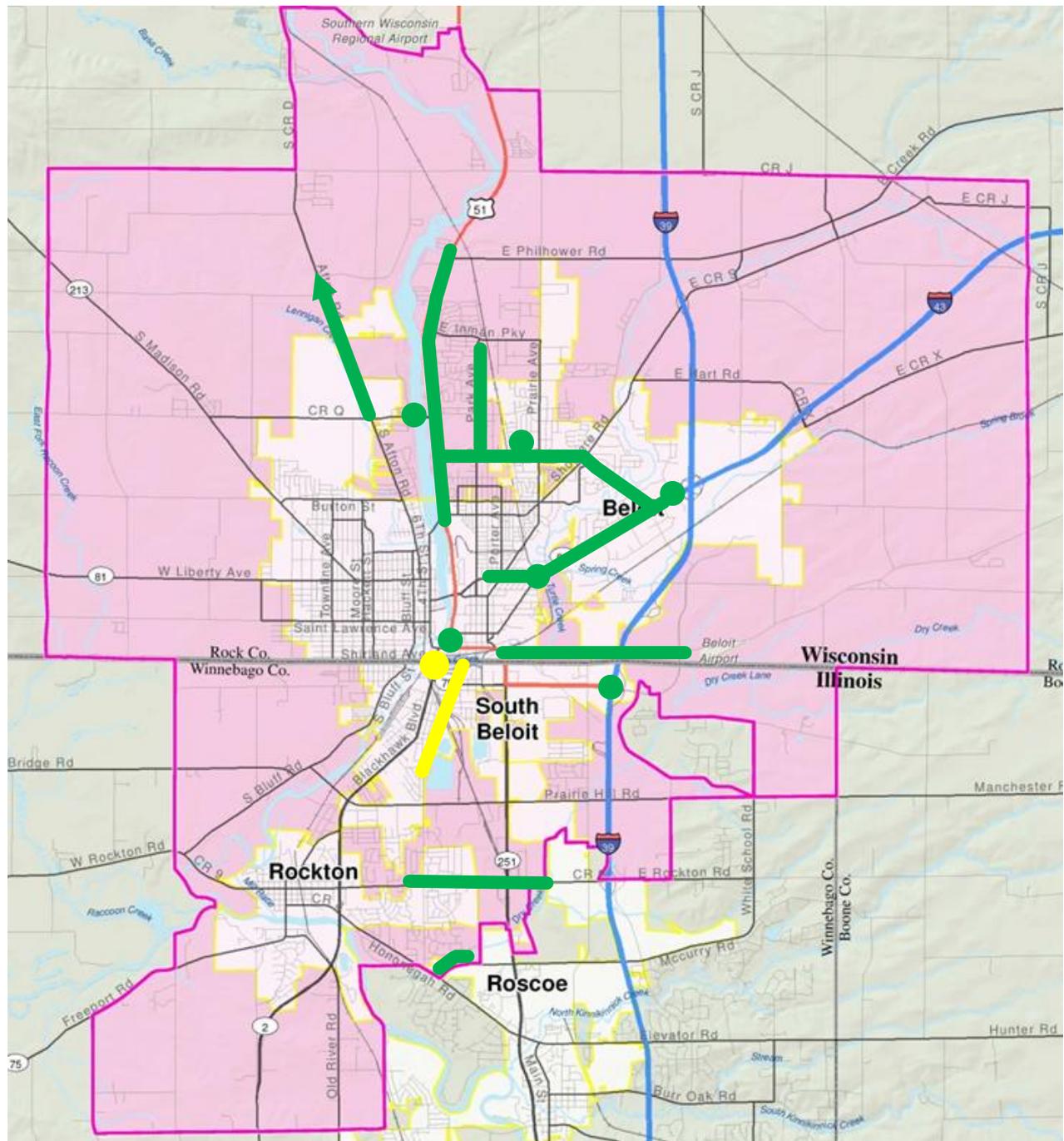


Bicycle & Pedestrian



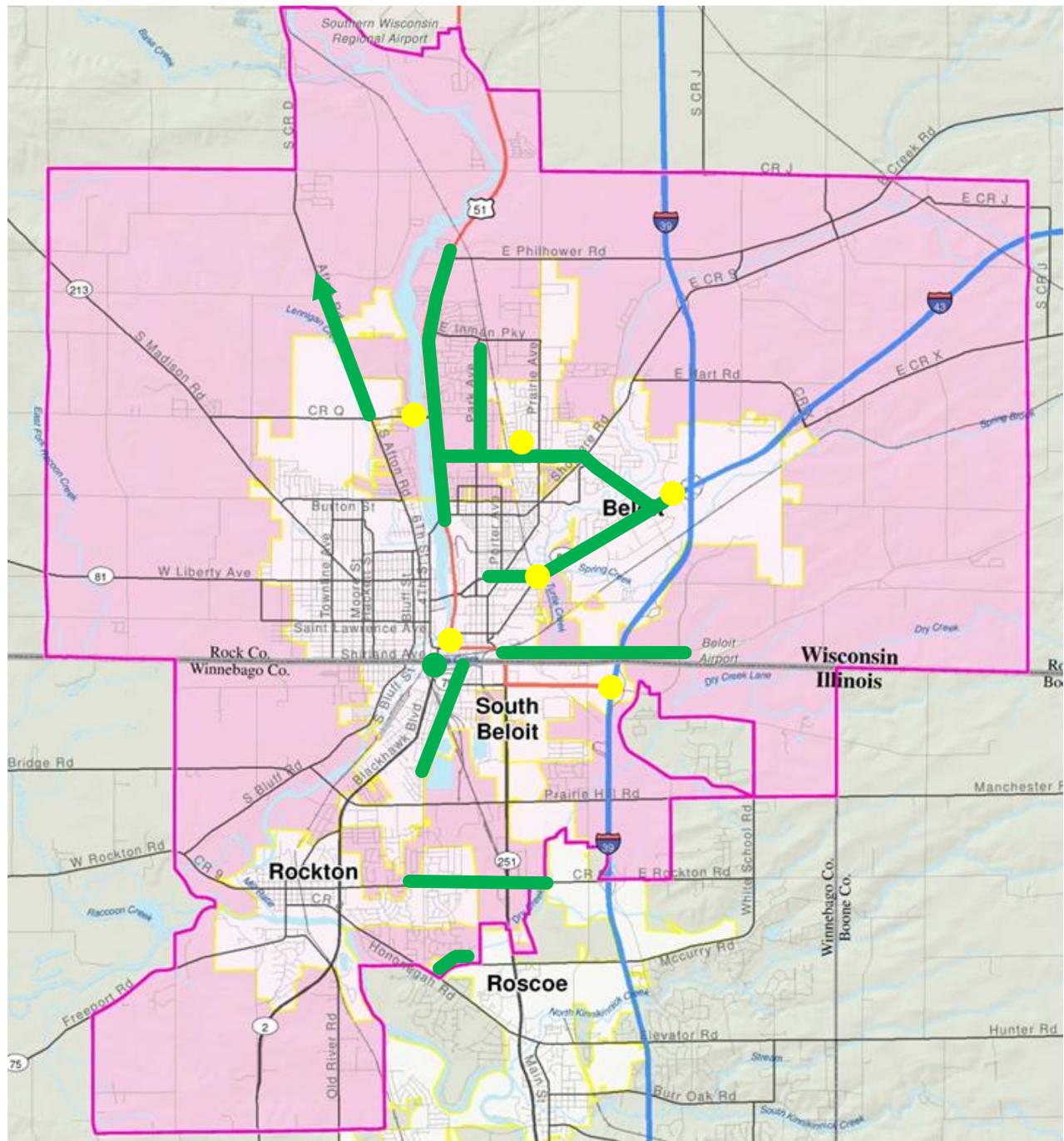
Bicycle & Pedestrian

- Connections through South Beloit
- Safety Improvements
- Beloit Connectivity
- Extensions



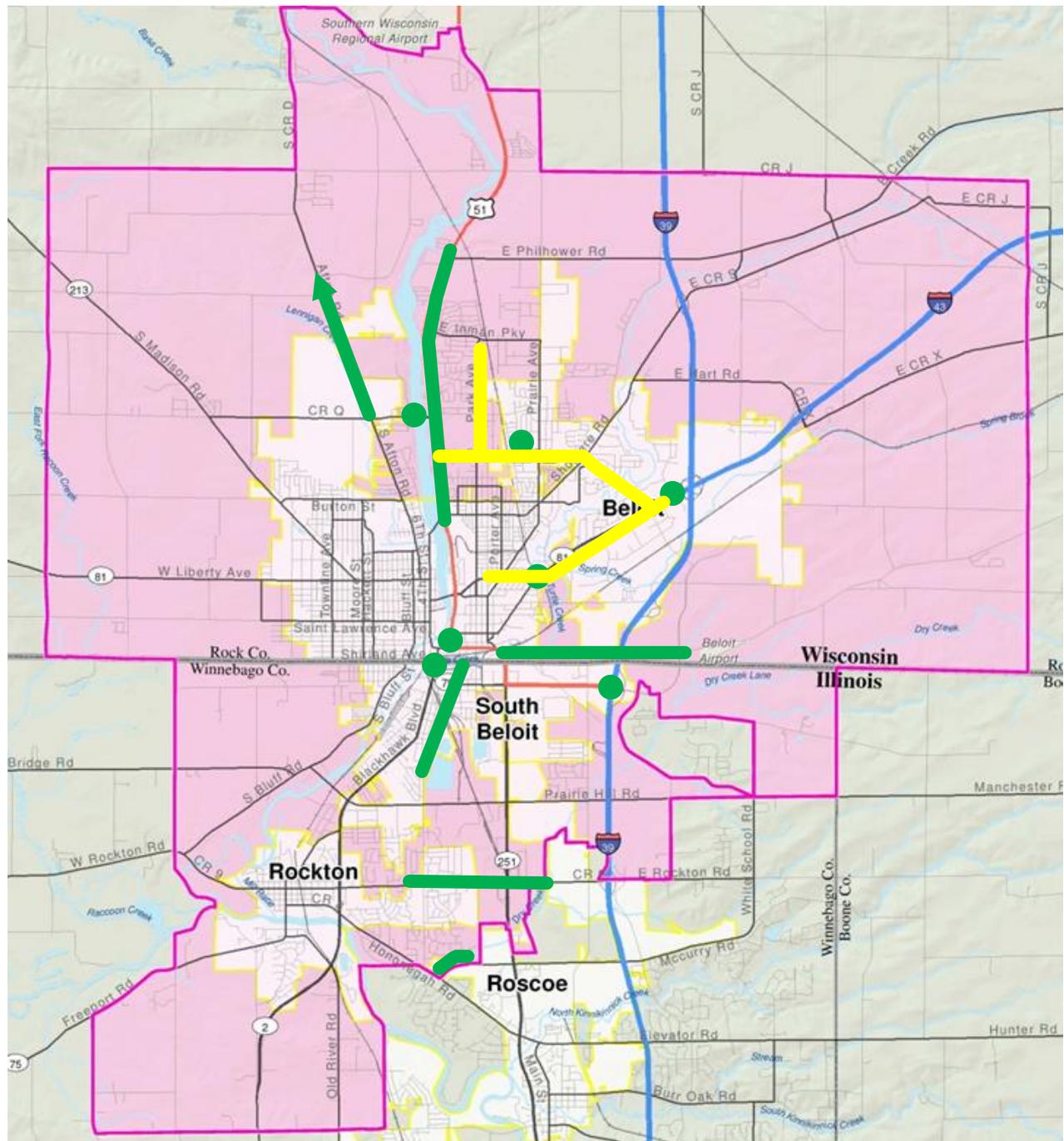
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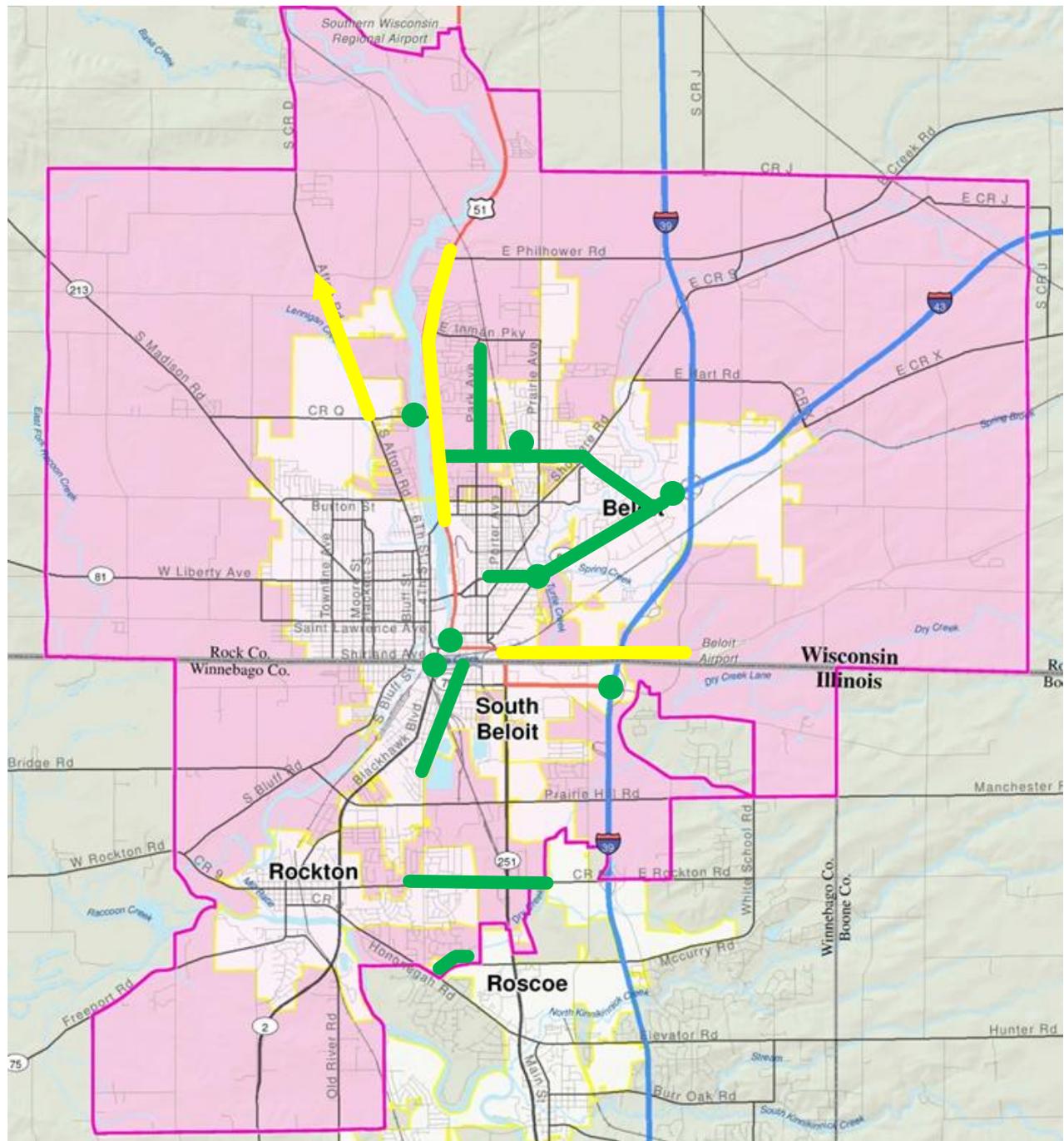
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- **Beloit Connectivity**
- Extensions

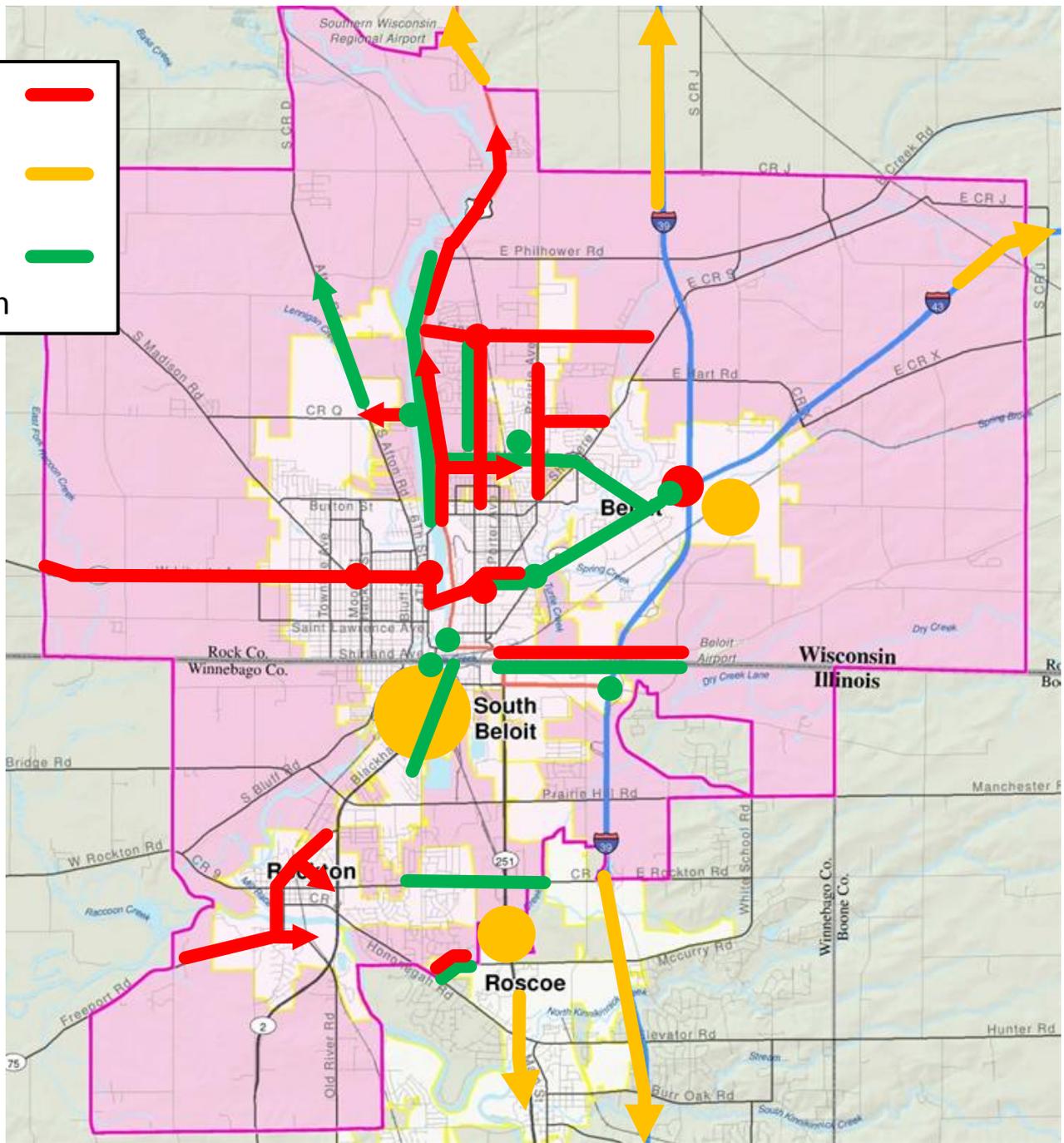


Bicycle & Pedestrian

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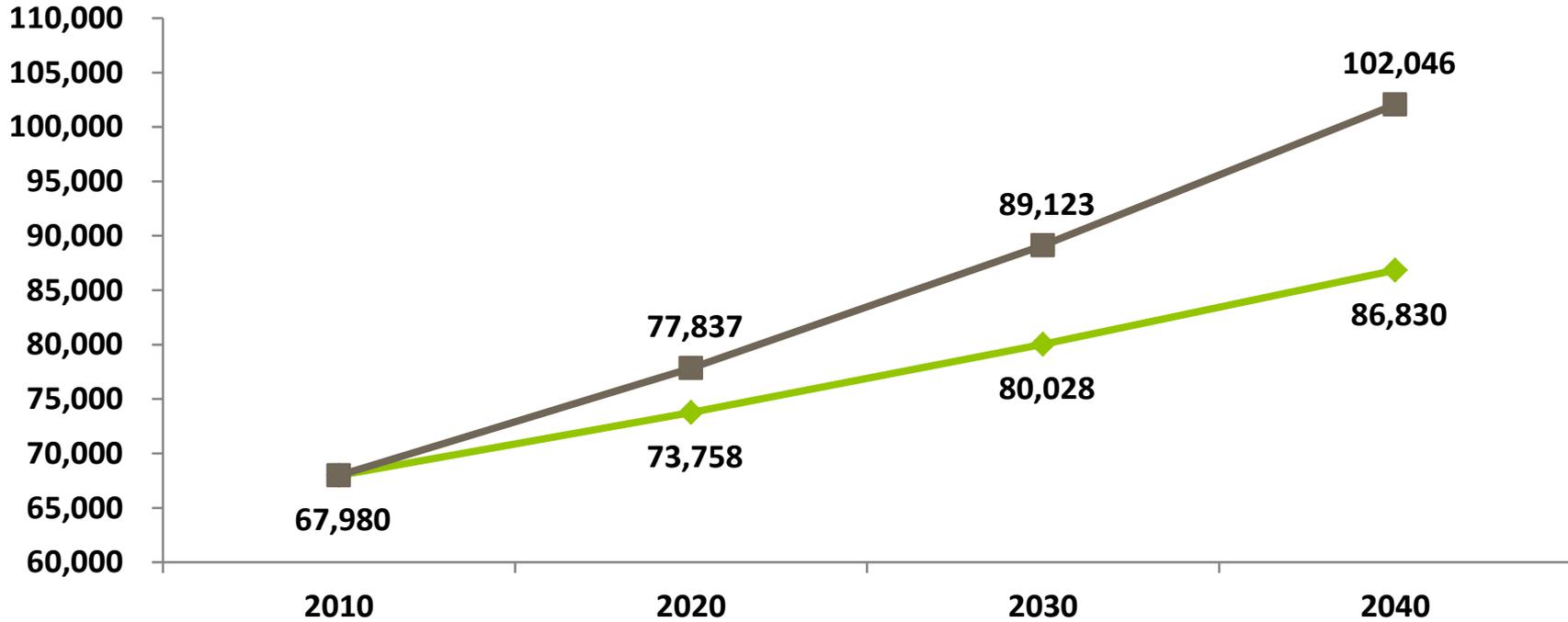


- Roadway —
- Transit —
- Bicycle & Pedestrian —



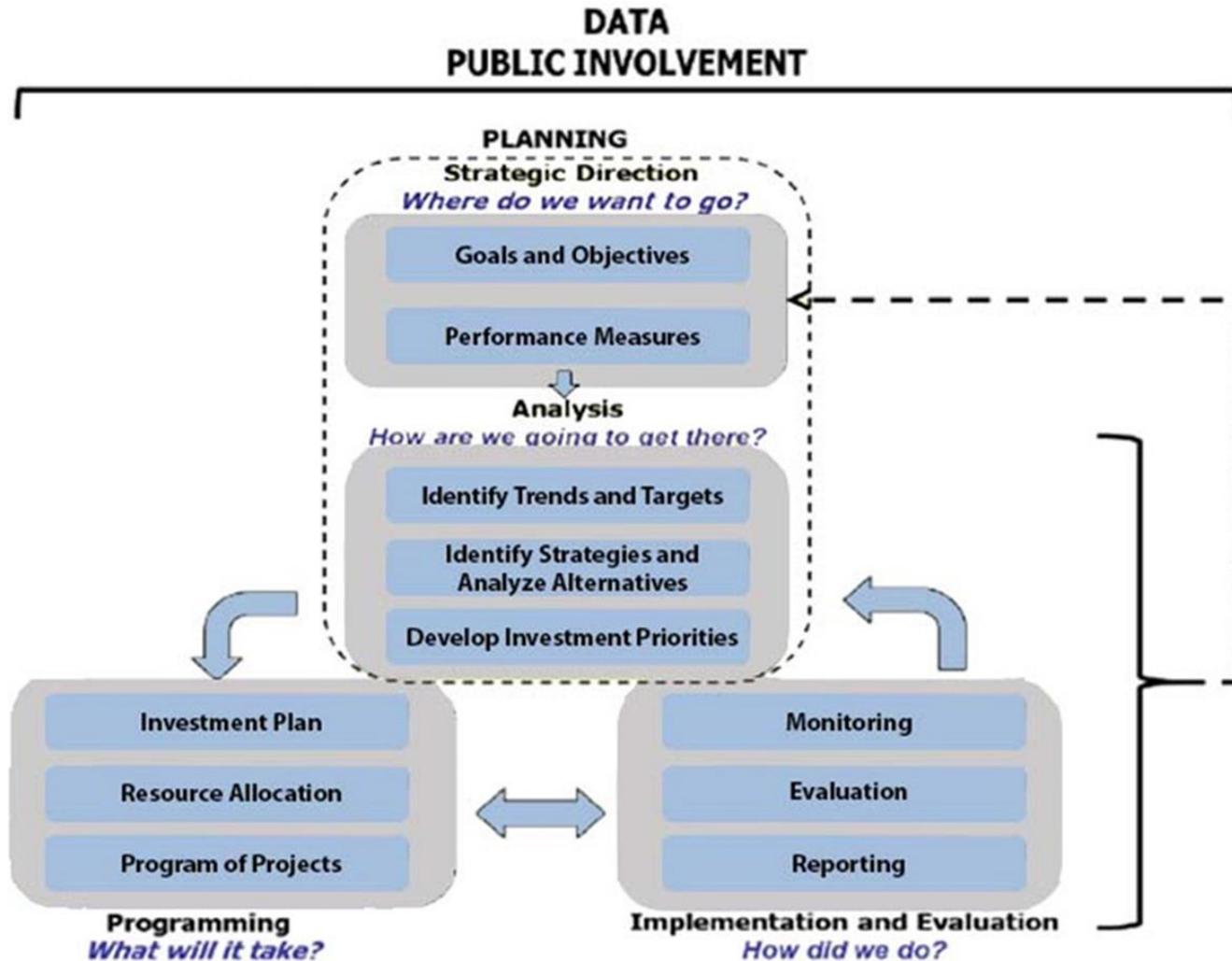
Future Year Projections

2040 Beloit Urbanized Area Population Projection



Source: U.S. Census, AECOM

Performance-Based Planning Framework



Overview of the LRTP Process

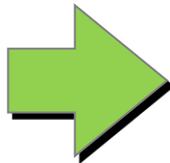
Data Collection

Current Land Use

Transportation
System Data

Identify Issues

Goals and
Objectives



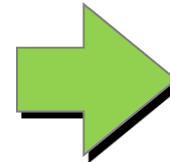
Current and Future Conditions

Impact of
Development

Future Traffic

Future Congestion

Planned
Improvements



Multimodal Alternatives & Recommendations

Alternatives Analysis:

- System Benefits
- Impacts
- Costs

Screening/Narrowing

Recommendations

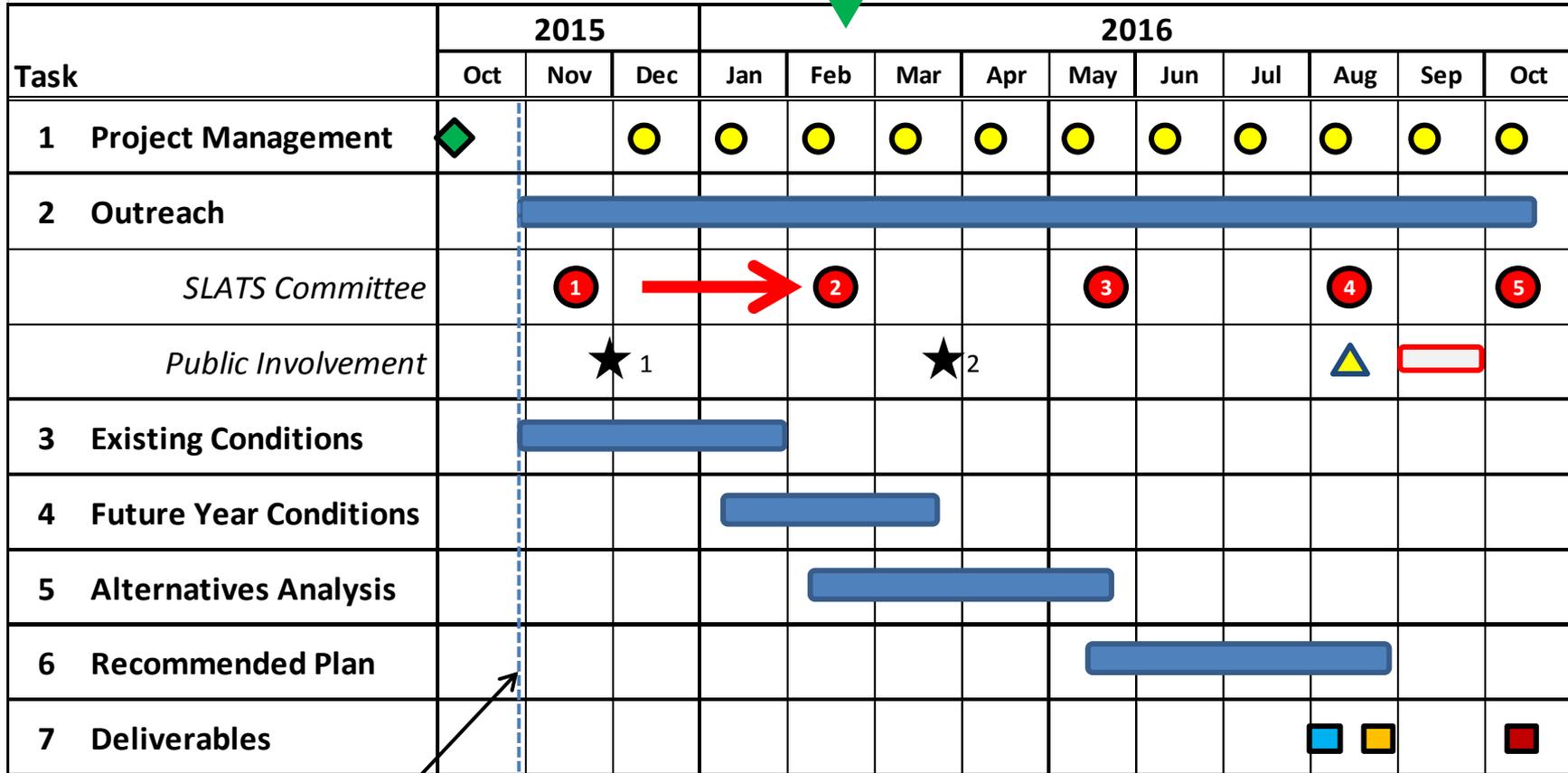
Implementation Plan



Public Involvement and Information Meetings

Project Schedule

We are here.



Schedule assumes contract begins by the end of October 2015.

- ◆ Project Management Plan Meeting
- Invoicing and Reporting
- TAC/Policy Meeting
- ★ On-line Surveys
- ▲ Open House

- Draft Report (for SLATS review)
- Draft Report (for Public review)
- Final Report (for SLATS approval)
- [Red box] 30-Day Public Review of Draft Plan

Next Steps

- **Future Year Conditions Analysis**
- **2nd On-line Survey**
- **Alternatives Analysis**
- **Next SLATS LRTP meeting**
 - May 2016