

Stateline Area Transportation Study

August 22, 2016

2040 Long Range Transportation Plan Update

Meeting #4

AECOM

Meeting Agenda

- Review Project Schedule
- Overview of Survey #2 Results
- Review LRTP Recommendations
- Discuss Next Steps

Project Schedule

We are here.



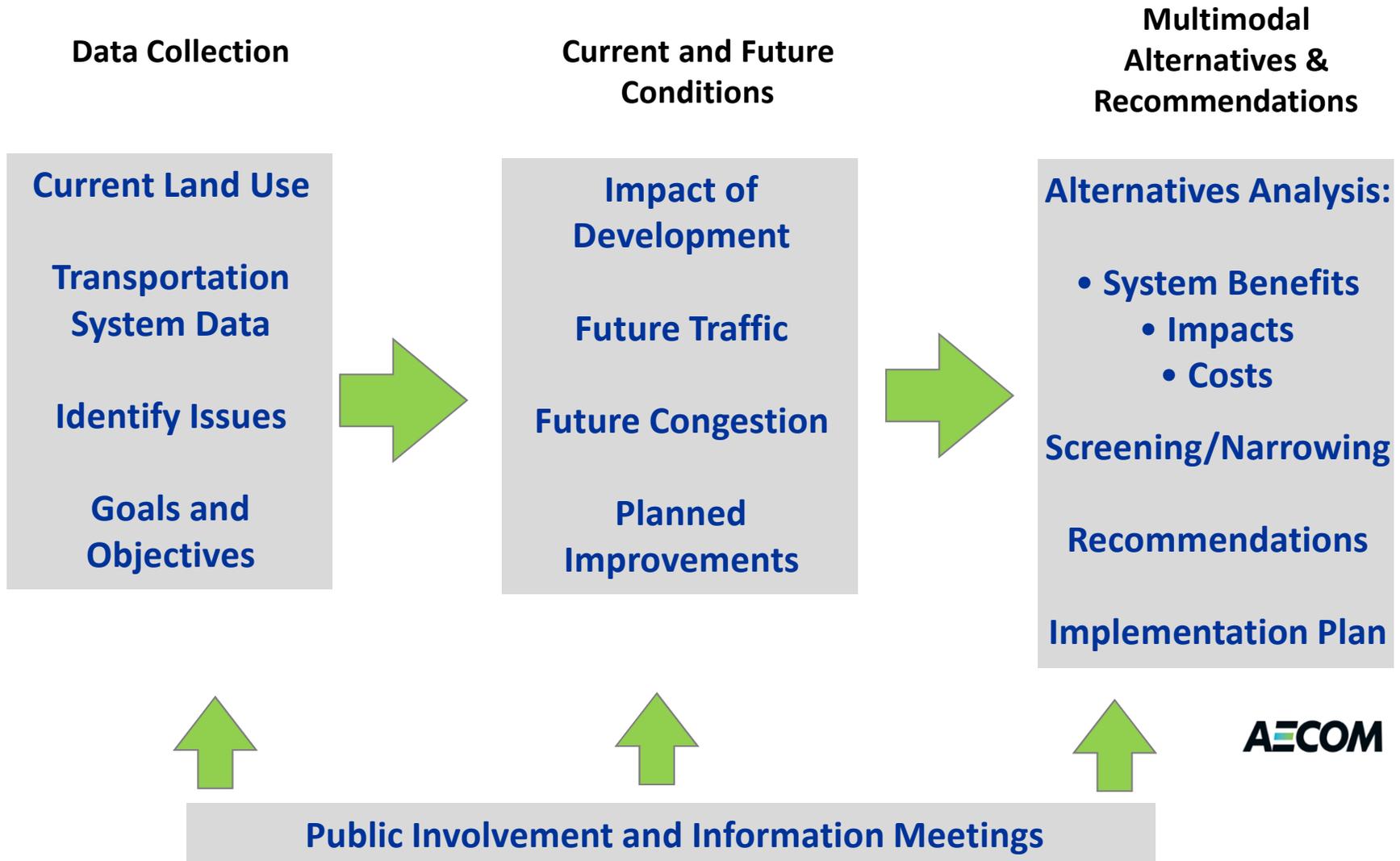
Task	2015			2016									
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
1 Project Management	◆		●	●	●	●	●	●	●	●	●	●	●
2 Outreach		[Blue bar spanning Nov 2015 to Oct 2016]											
SLATS Committee		①	→		②			③			④		⑤
Public Involvement		★ 1				★ 2					△	□	
3 Existing Conditions		[Blue bar spanning Nov 2015 to Jan 2016]											
4 Future Year Conditions				[Blue bar spanning Jan 2016 to Mar 2016]									
5 Alternatives Analysis					[Blue bar spanning Feb 2016 to May 2016]								
6 Recommended Plan								[Blue bar spanning May 2016 to Sep 2016]					
7 Deliverables											■	■	■

Schedule assumes contract begins by the end of October 2015.

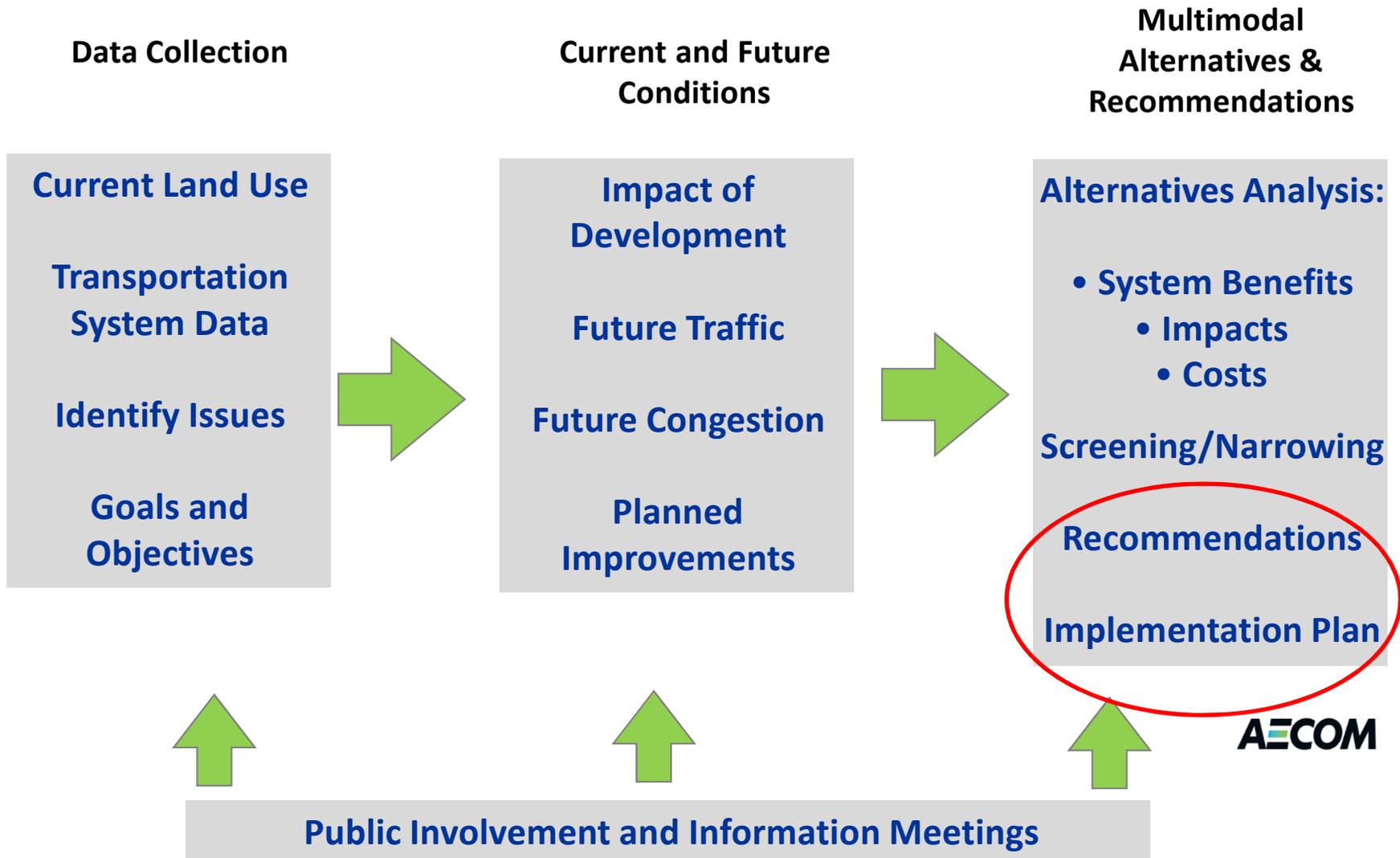
- ◆ Project Management Plan Meeting
- Invoicing and Reporting
- TAC/Policy Meeting
- ★ On-line Surveys
- △ Open House

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

Overview of the LRTP Process



Overview of the LRTP Process



L RTP 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.
- **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.

OVERVIEW OF SURVEY #2 RESULTS

Overview of Survey #2

➤ Purpose

- Obtain public input regarding possible multimodal improvements within the SLATS MPA.

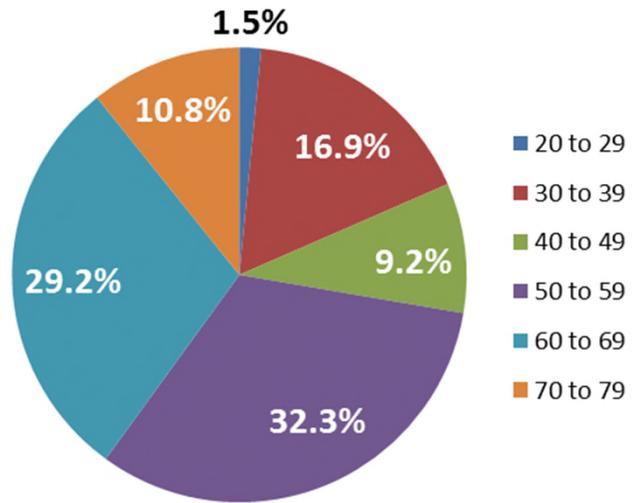
➤ Schedule

- Conducted between June 7th and July 11th

➤ Responses

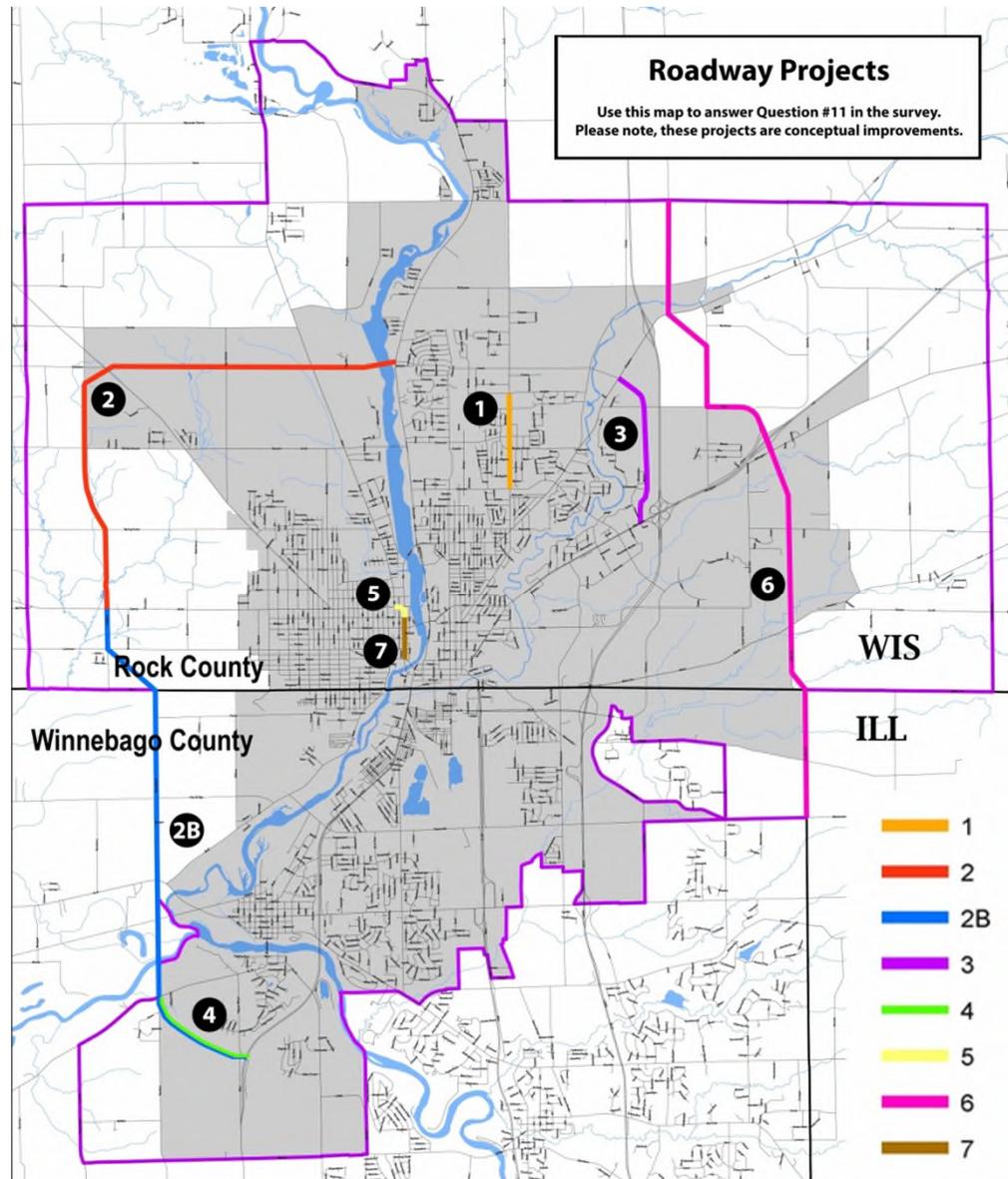
- 67 responses.
- Not intended to be a statistically valid survey.

Overview of Survey #2



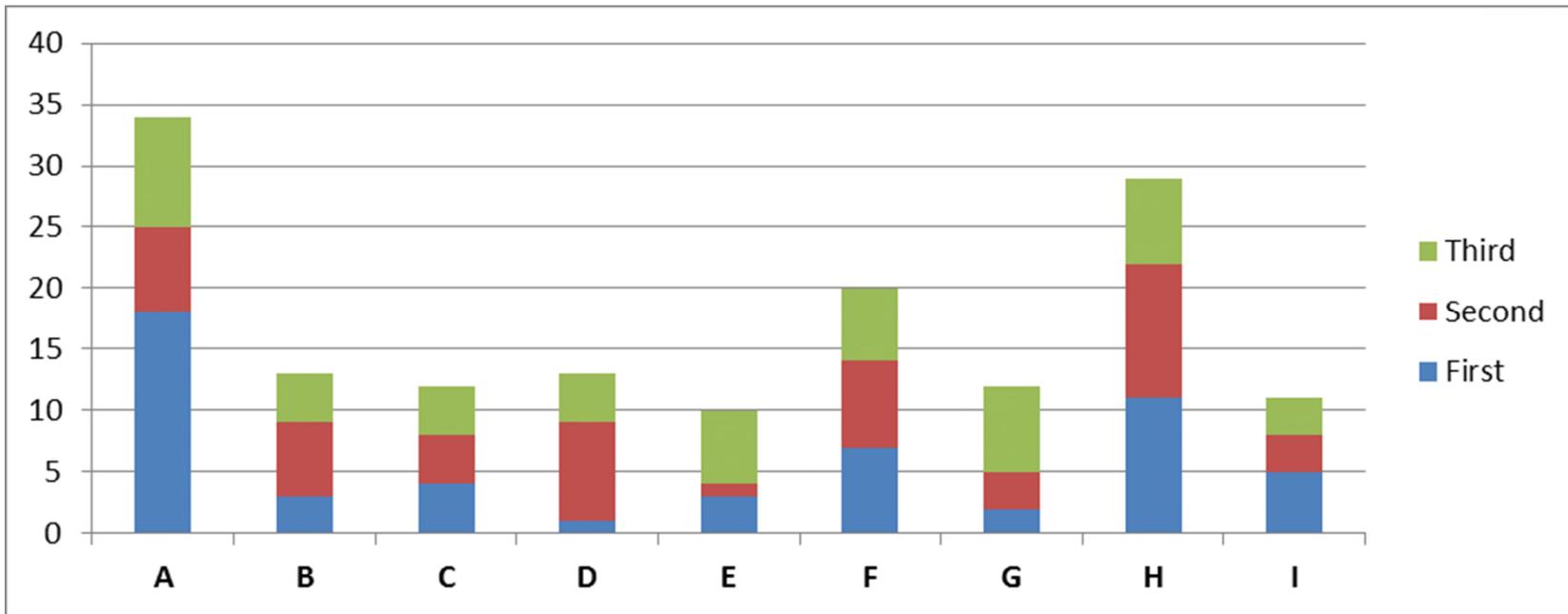
Future Year Alternatives

- **1. Prairie Avenue (CTH G) from Huebbe to Cranston:** from a 4-lane urban principal arterial with a TWLTL to a 2-lane urban principal arterial with a TWLTL
- **2. Connection from 51 to 81:** 2-lane rural minor arterial (Inman)
- **2B. Connection from 81 to Illinois 2:** 2-lane rural minor arterial
- **3. Connection from CTH S (Shopiere Rd.) to 81:** 2-lane urban minor arterial (Inman)
- **4. Connection from Illinois 2 to 75 (Freeport Road):** 2-lane urban minor arterial
- **5. Free flow movement of 81 along Fourth Street from Portland to Liberty:** 4-lane urban principal arterial
- **6. Connection from CTH J to Manchester Road (eventually Elevator Road):** 2-lane rural collector
- **7. Reducing Fourth Street to 2 lanes (W. Grand to Liberty)**



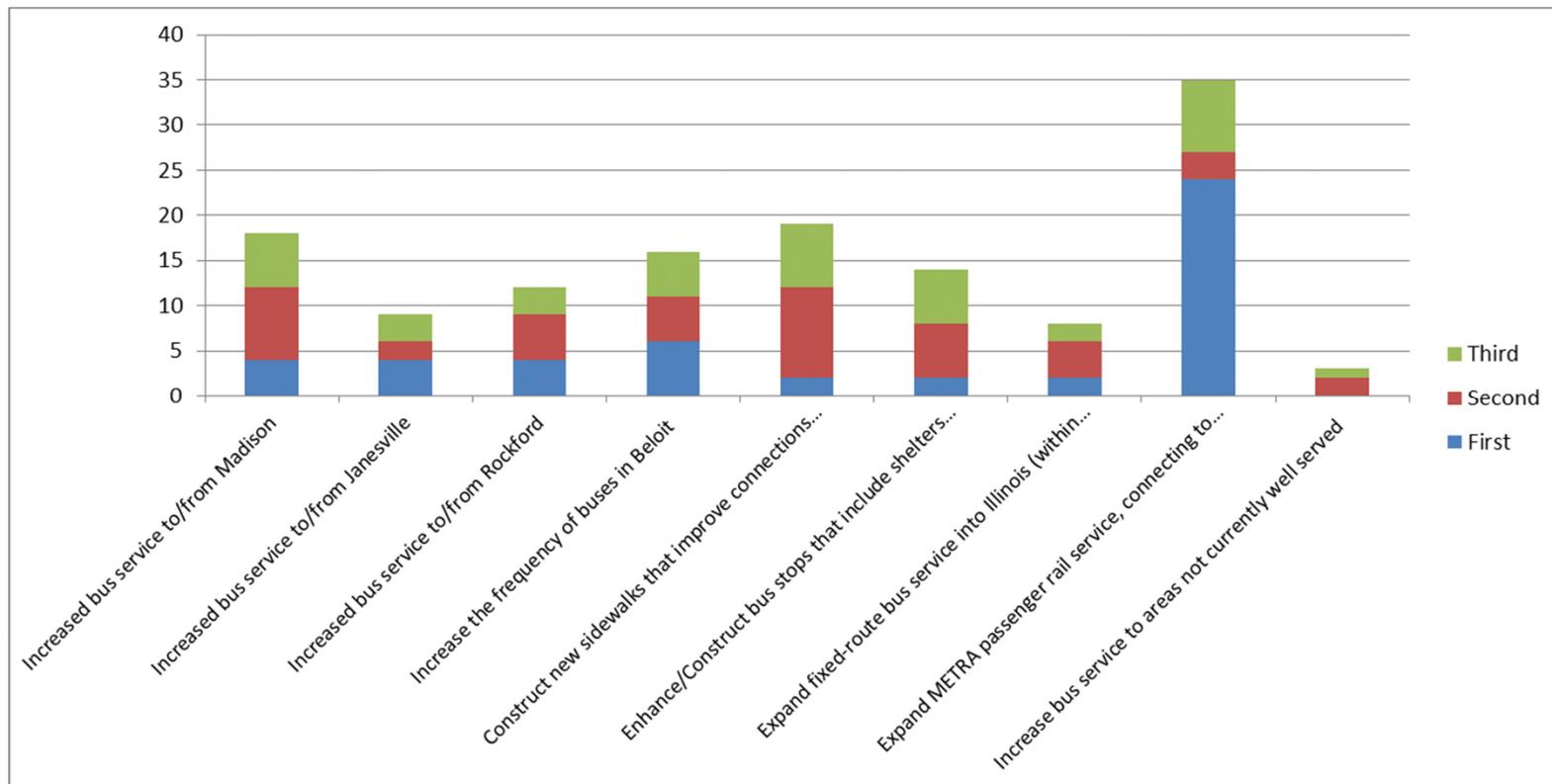
Roadway Improvements

KEY:	A	B	C	D	E	F	G	H	I
Priority	1a) Prairie Avenue improvements	2) Northwest loop connection	2b) Southwest loop connection	3) Extension of CTH BT from CTH S	4) Direct connection from Illinois 2 to Illinois 75	5) Free flow curve at the intersection of Highway 81 and Fourth Street	6) Northeast loop connection	7) Re-configuring Fourth Street	Other (see opened end responses)
First	18	3	4	1	3	7	2	11	5
Second	7	6	4	8	1	7	3	11	3
Third	9	4	4	4	6	6	7	7	3
	34	13	12	13	10	20	12	29	11

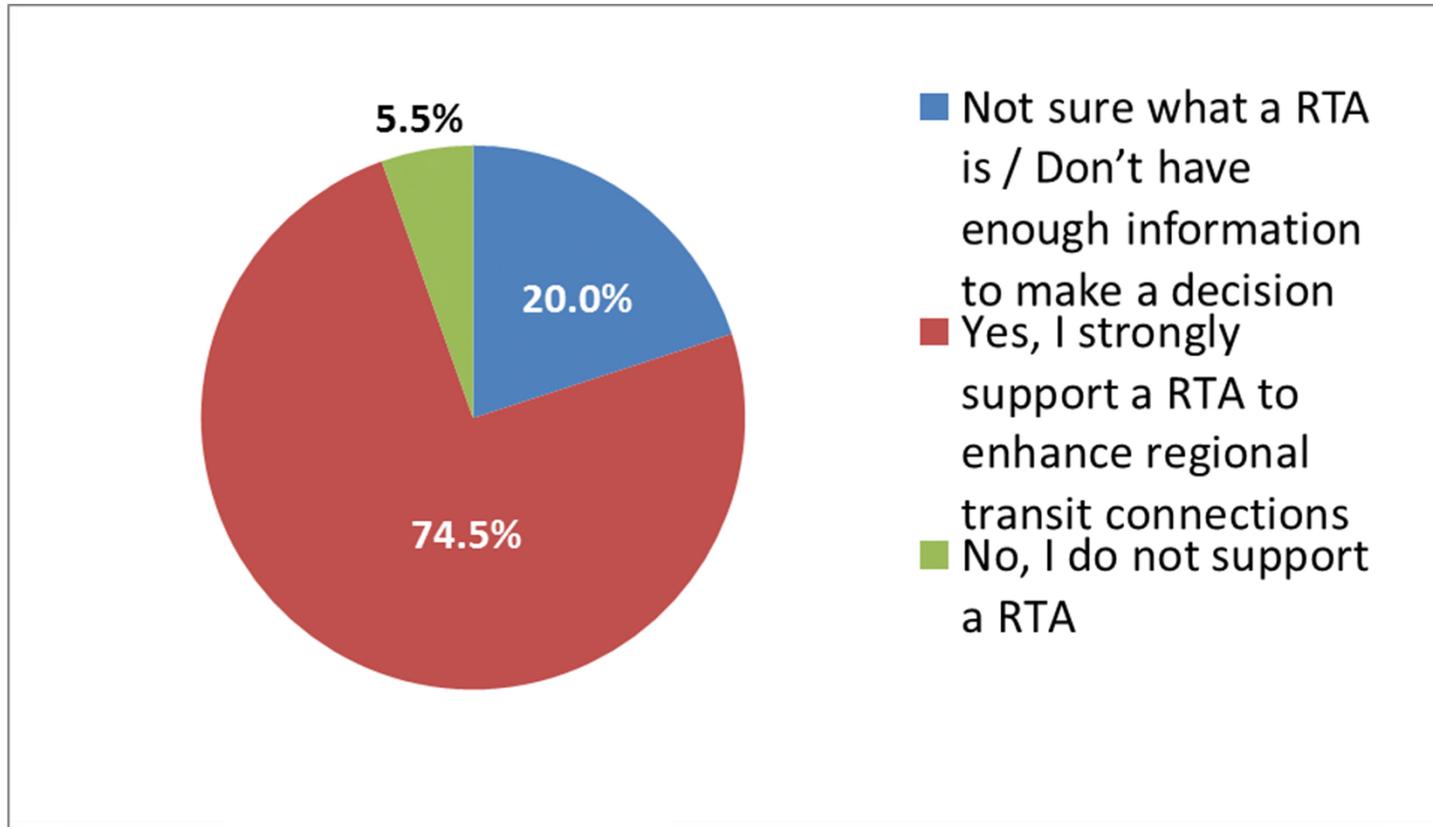


Transit Improvements

Priority	Increased bus service to/from Madison	Increased bus service to/from Janesville	Increased bus service to/from Rockford	Increase the frequency of buses in Beloit	Construct new sidewalks that improve connections to bus stops	Enhance/Construct bus stops that include shelters with seating	Expand fixed-route bus service into Illinois (within the SLATS MPA)	Expand METRA passenger rail service, connecting to Chicago	Increase bus service to areas not currently well served
First	4	4	4	6	2	2	2	24	0
Second	8	2	5	5	10	6	4	3	2
Third	6	3	3	5	7	6	2	8	1
	18	9	12	16	19	14	8	35	3

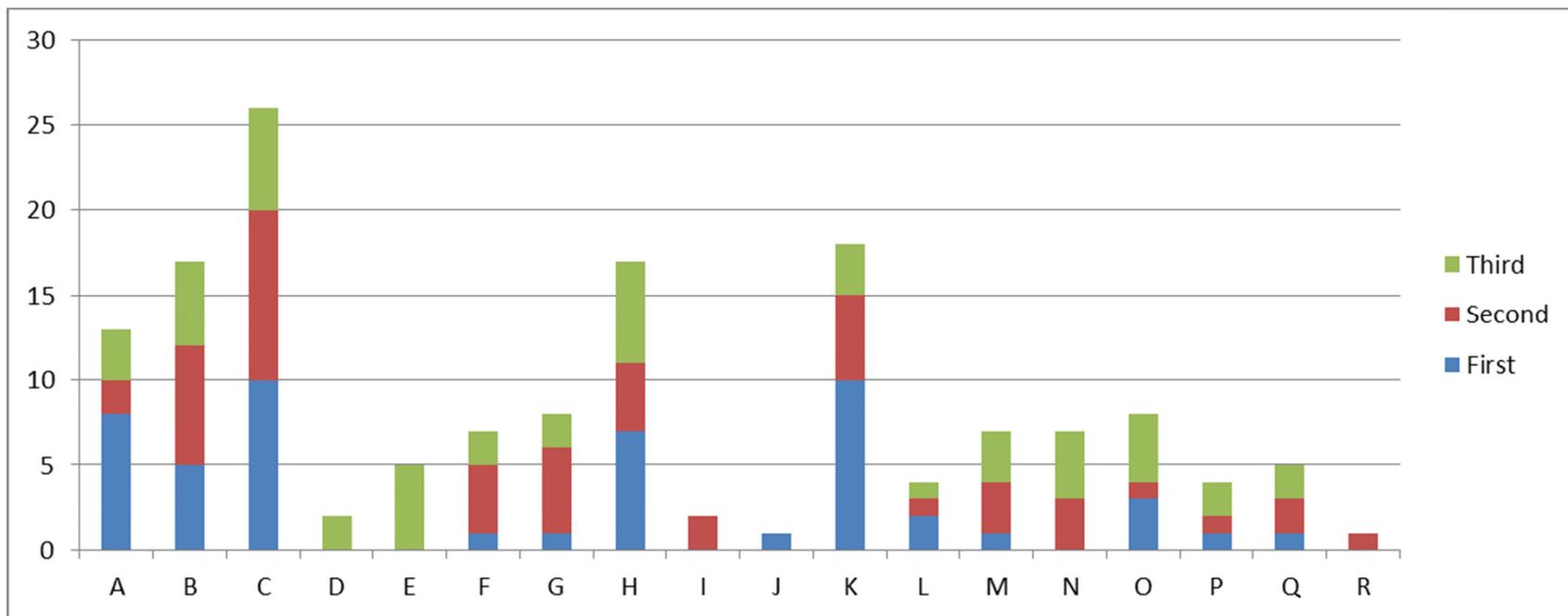


Support for Regional Transit Authority



Bicycle Improvements

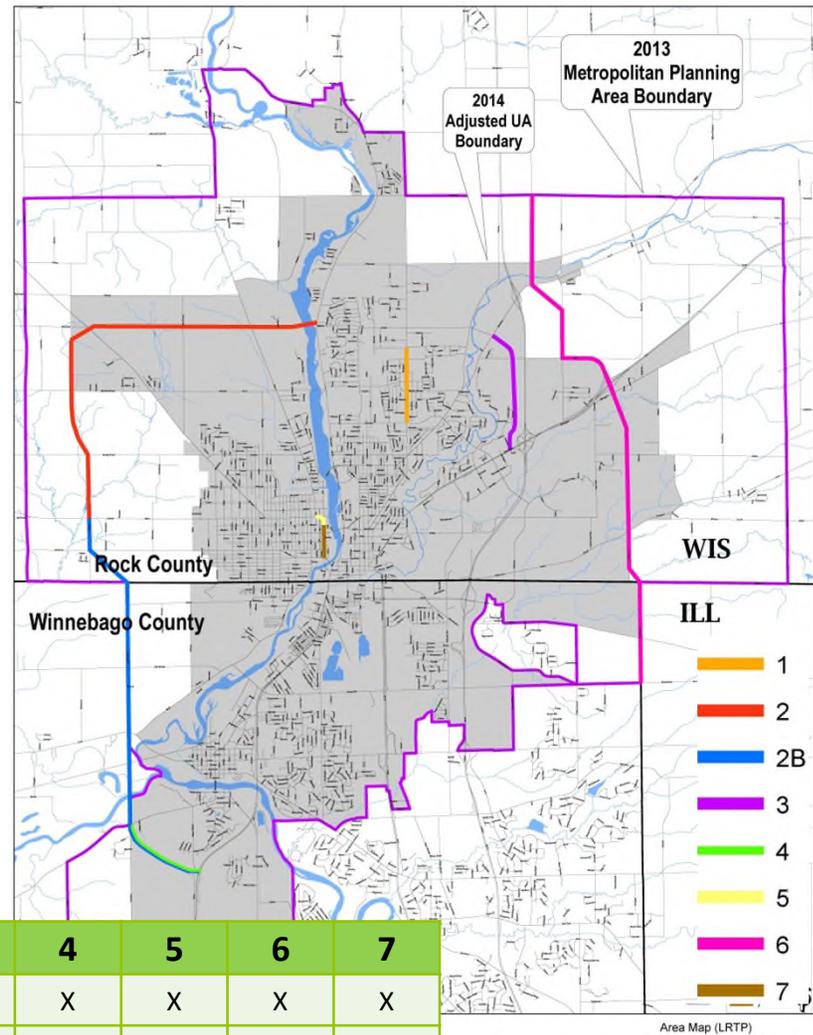
- **C.** Construct bicycle paths within the urban area to better facilitate bicycle connections between communities and major destinations
- **H.** Bike connection from the Krueger Park/Burton Street area to the Big Hill Park area and eventually to Afton and the Peace Trail in Janesville
- **K.** Improve bike and pedestrian accommodations along Cranston Road



L RTP RECOMMENDATIONS

Future Year Alternatives

- 1. Prairie Avenue (CTH G) from Huebbe to Cranston
- 2. Connection from 51 to 81
- 2B. Connection from 81 to Illinois 2
- 3. Connection from CTH S (Shopiere Rd.) to 81
- 4. Connection from Illinois 2 to 75 (Freeport Road)
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- 7. Reducing Fourth Street to 2 lanes (W. Grand to Liberty)



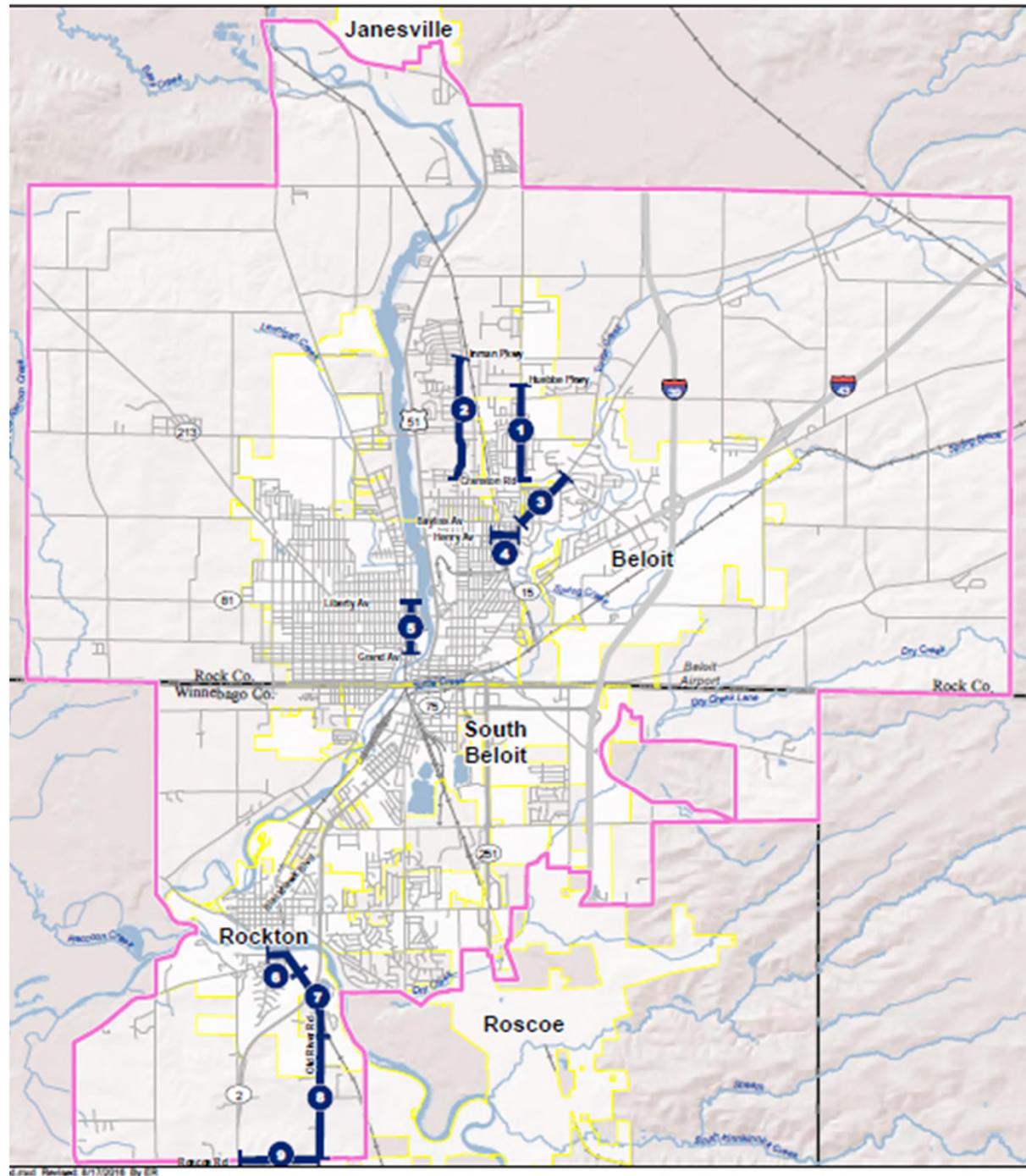
Goals	1	2	2B	3	4	5	6	7
Economic Vitality	X	X	X	X	X	X	X	X
System Preservation	X					X		X
Mobility and Accessibility	X	X	X	X	X	X	X	X
Safety and Security	X	X	X	X	X	X	X	X
Environmental Friendly	X			X	X	X		X
Healthy Neighborhoods	X	X	X	X	X	X	X	X
Land Use Integration	X	X	X	X	X	X	X	X

Fiscally Constrained Projects

-  Fiscally Constrained Projects
-  SLATS MPO Planning
-  Major Highways
-  Highways
-  Major Roads
-  Streets
-  City Limits
-  Railroads
-  Waterbody

Project

-  1 Prairie Avenue
-  2 Park Avenue
-  3 Shoplere Road
-  4 Henry Avenue
-  5 4th Street
-  6 Old River Road (Phase 1)
-  7 Old River Road (Phase 2)
-  8 Old River Road (Phase 3)
-  9 Old River Road (Phase 4)



Fiscally Constrained Projects

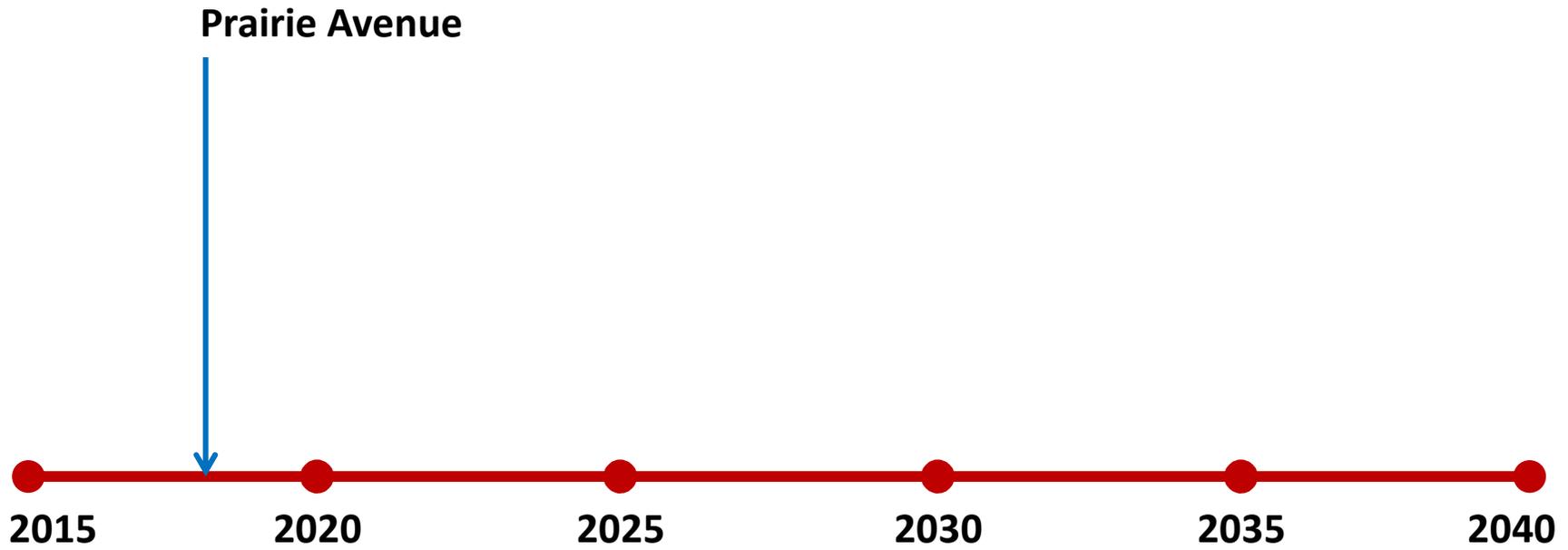
Wisconsin Projects			Illinois Projects		
Project Reference	Anticipated Program Year	Notes	Project Reference	Anticipated Program Year	Notes
(1) Prairie Avenue	2018	Currently programmed in the SLATS TIP.	(6) Old River Road (Phase 1) **	2020	From approximately Ferry Street to IL 75.
(2) Park Avenue (Phase 1) *	2022	Estimate Phase 1 to cover approximately 60% of project construction.	(7) Old River Road (Phase 2) **	2024	From approximately River Hills Parkway to Rockton Athletic Fields.
(2) Park Avenue (Phase 2) *	2025	Phase 2 covers the remaining 40% of project construction.	(8) Old River Road (Phase 3) **	2028	From approximately Roscoe Road to River Hills Parkway.
(3) Shopiere Road (Phase 1) *	2029	Estimate Phase 1 to cover approximately 75% of project construction.	(9) Old River Road (Phase 4) **	2034	Roscoe Road, from approximately IL 2 to Old River Road.
(3) Shopiere Road (Phase 2) *	2031	Phase 2 covers the remaining 25% of project construction.			
(4) Henry Avenue	2033	n/a			
(5) 4th Street	2036	Combined improvement of 4 th Street between Liberty Avenue and Grand Avenue.			

* Phasing for Park Avenue and Shopiere Road are estimated for the fiscal constraint analysis.

** Phasing for Old River Road is based on cost estimates/phasing prepared in September 2015.

NOTE: All anticipated YOE is based on historical SLATS funding and is subject to change. Furthermore, the projects utilize high level planning cost estimates and are subject to change based upon detailed project design and cost estimates.

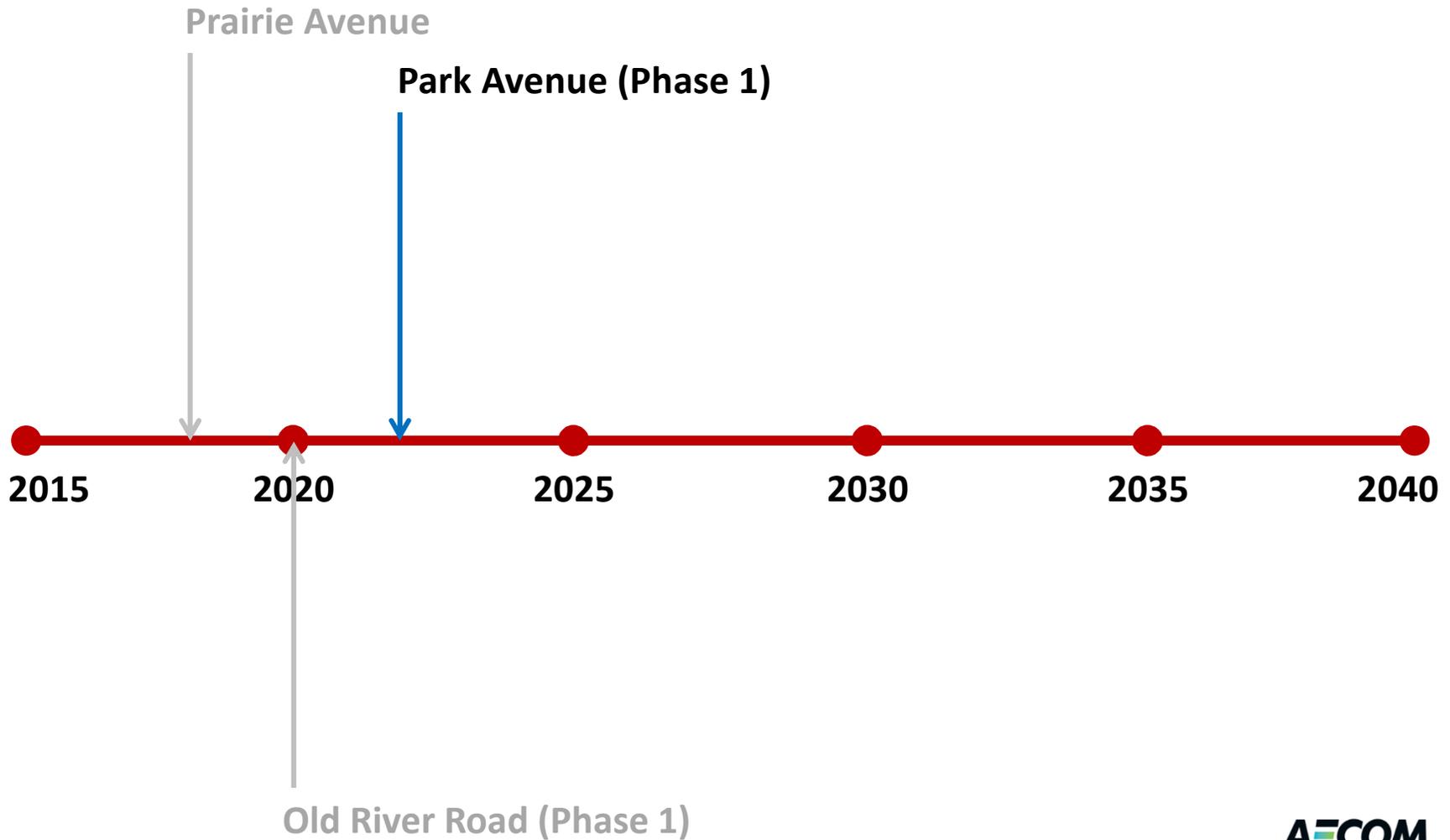
Fiscally Constrained Projects



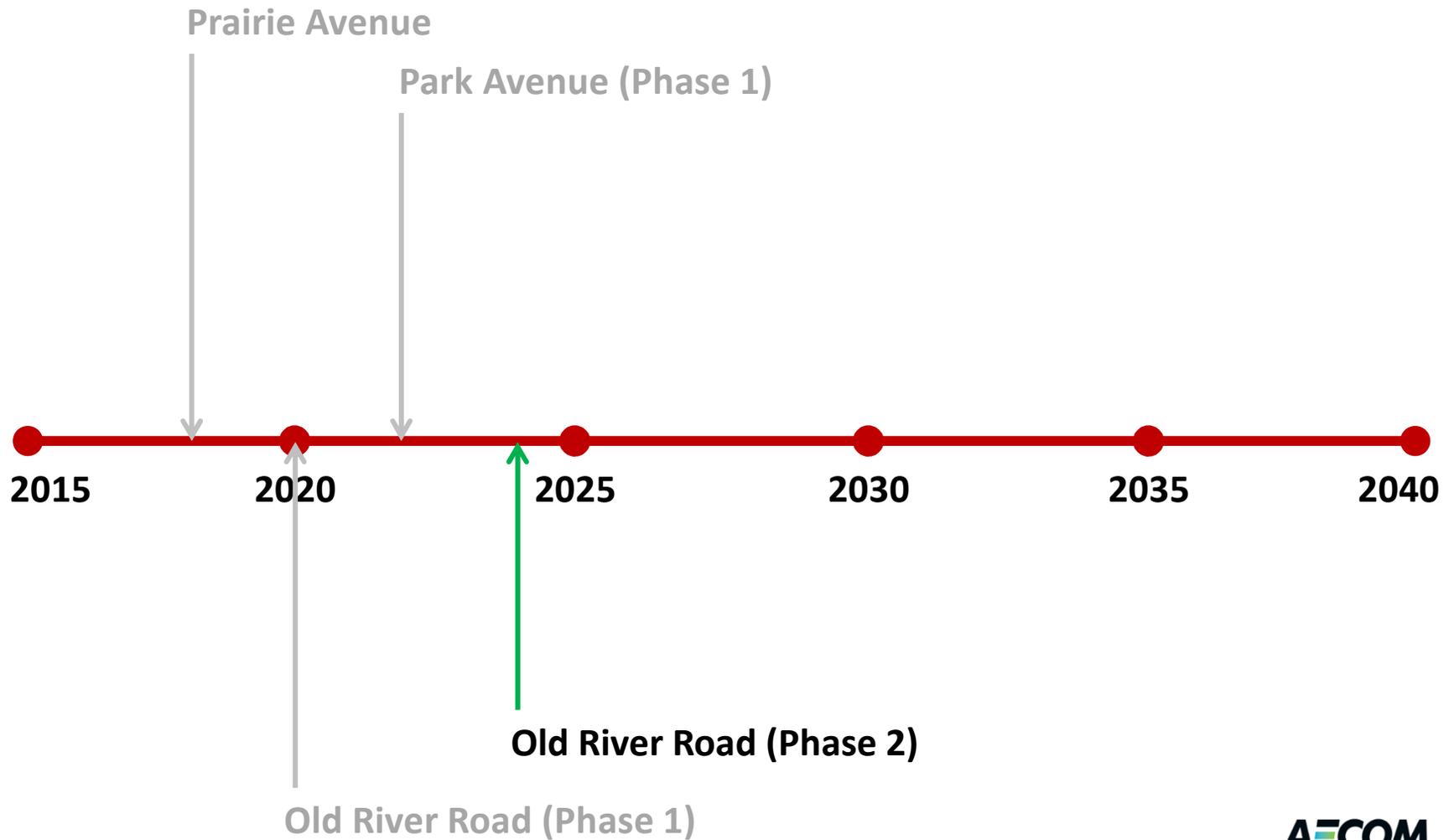
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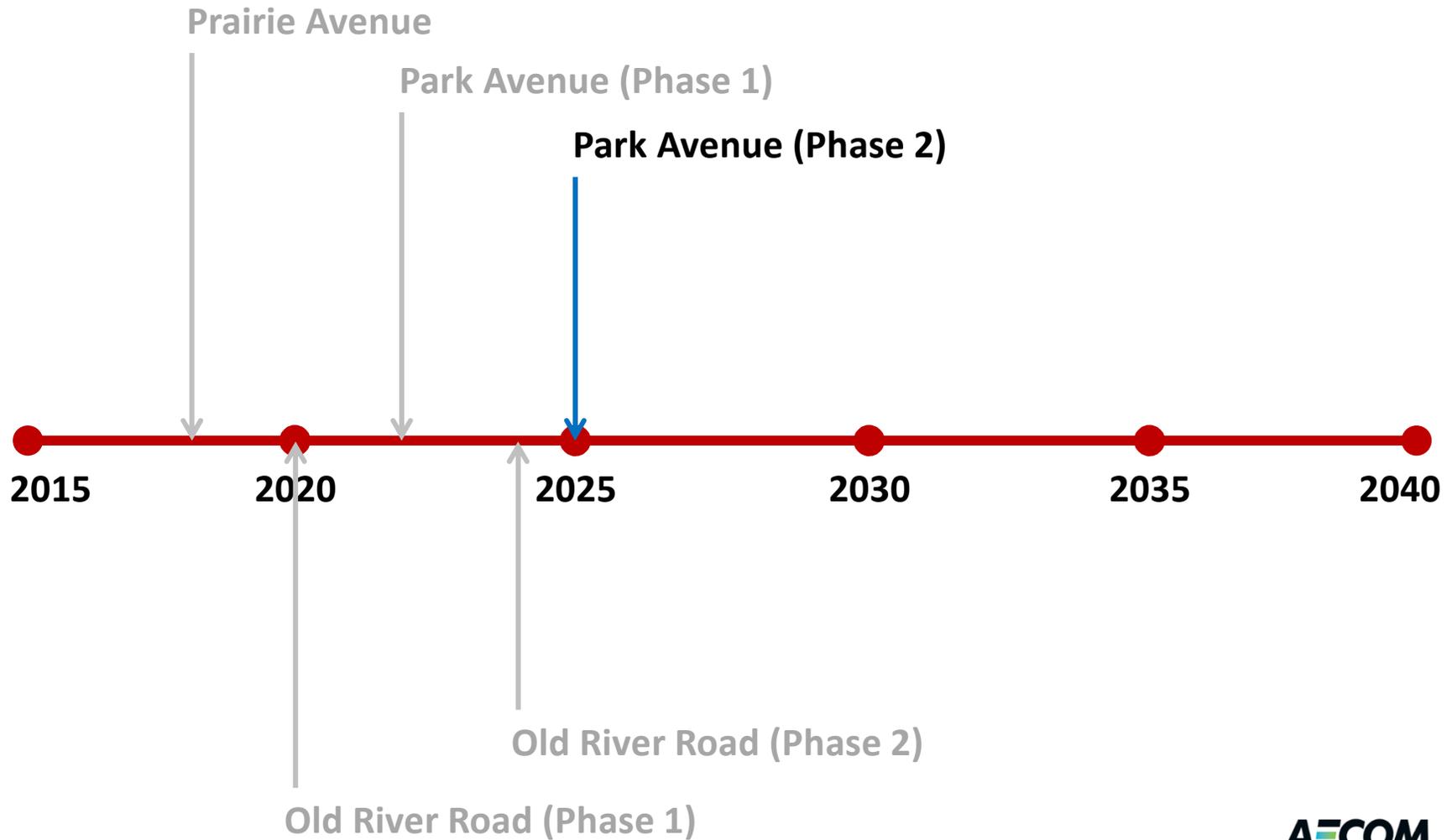
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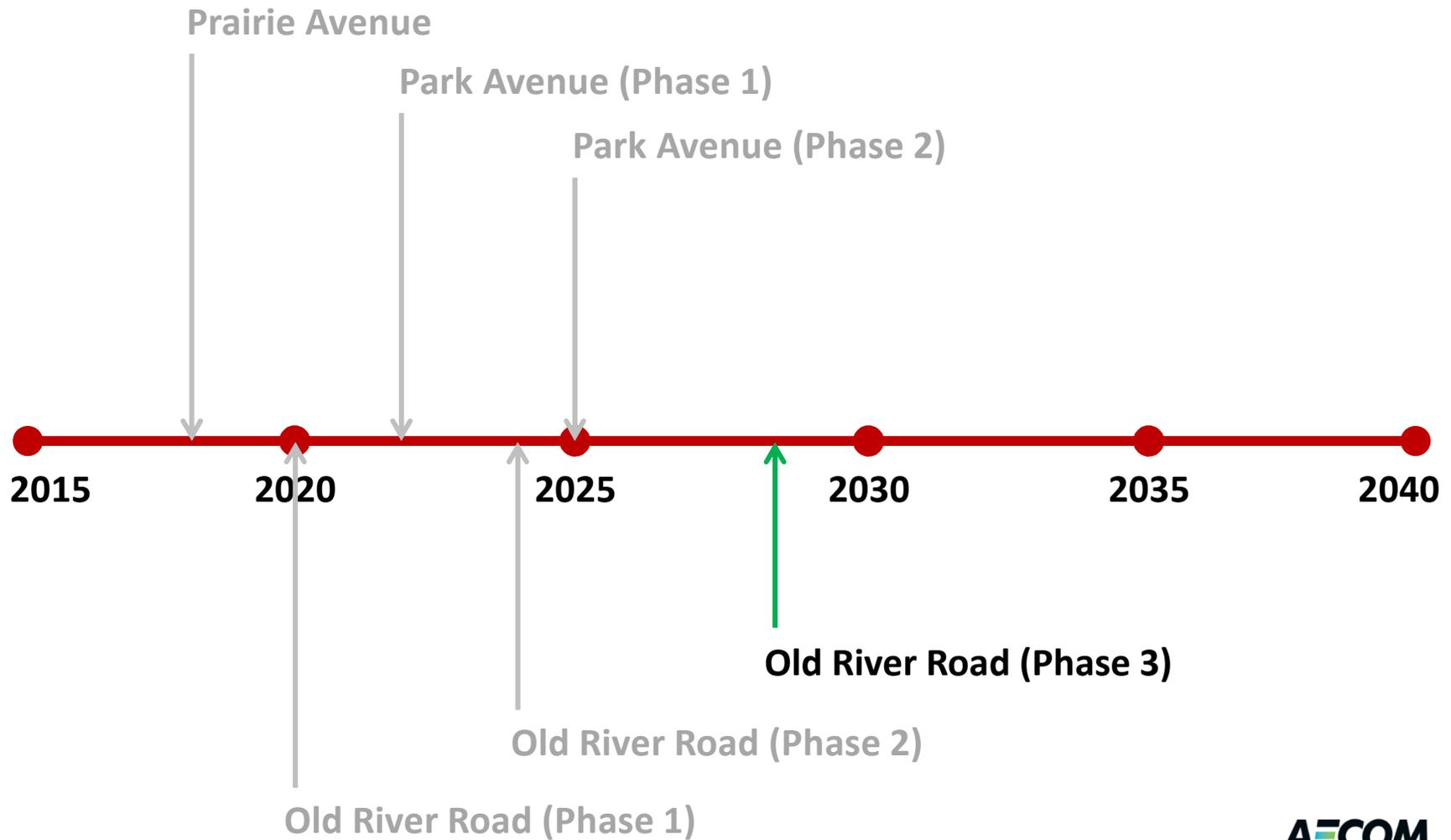
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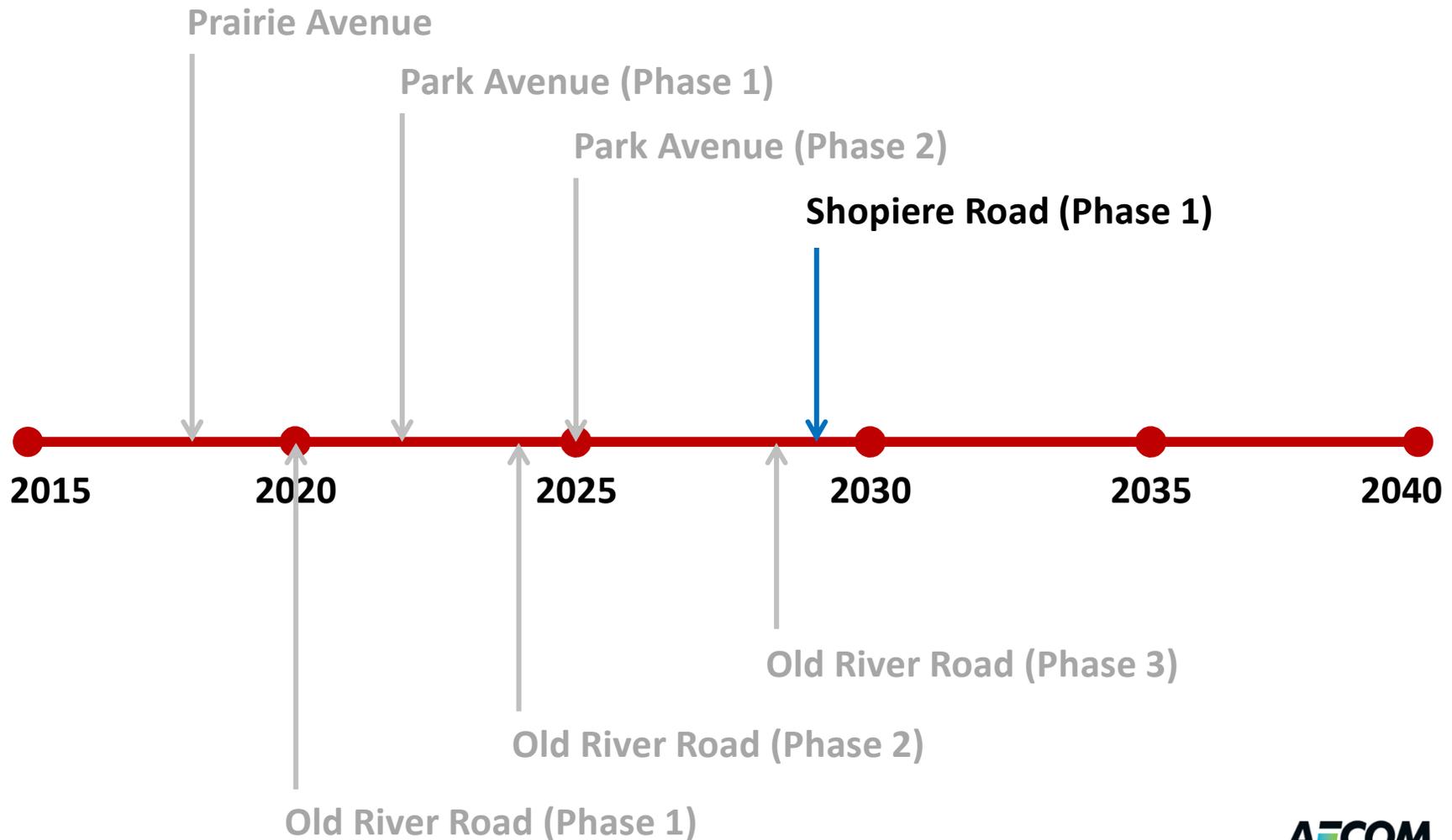
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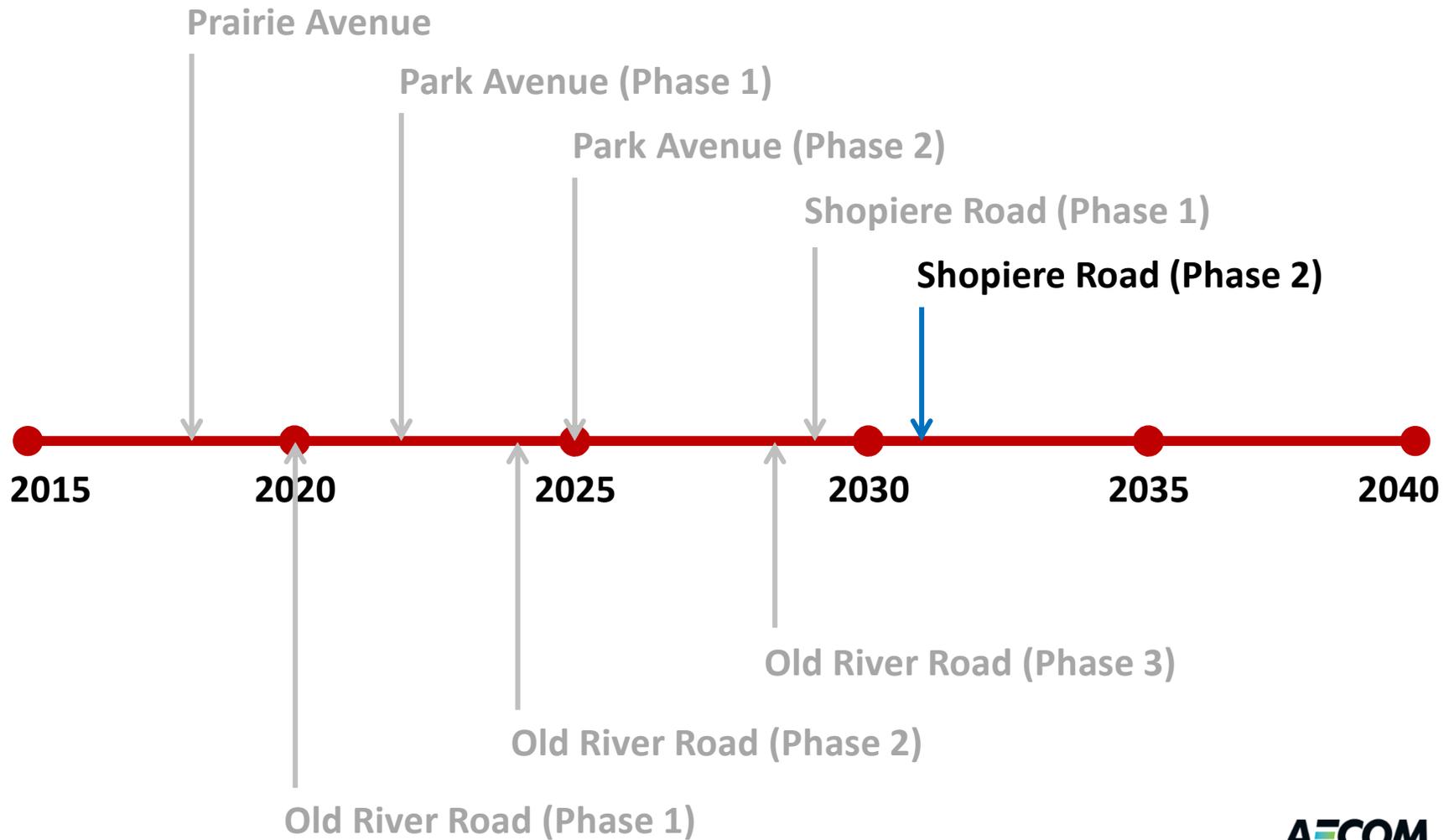
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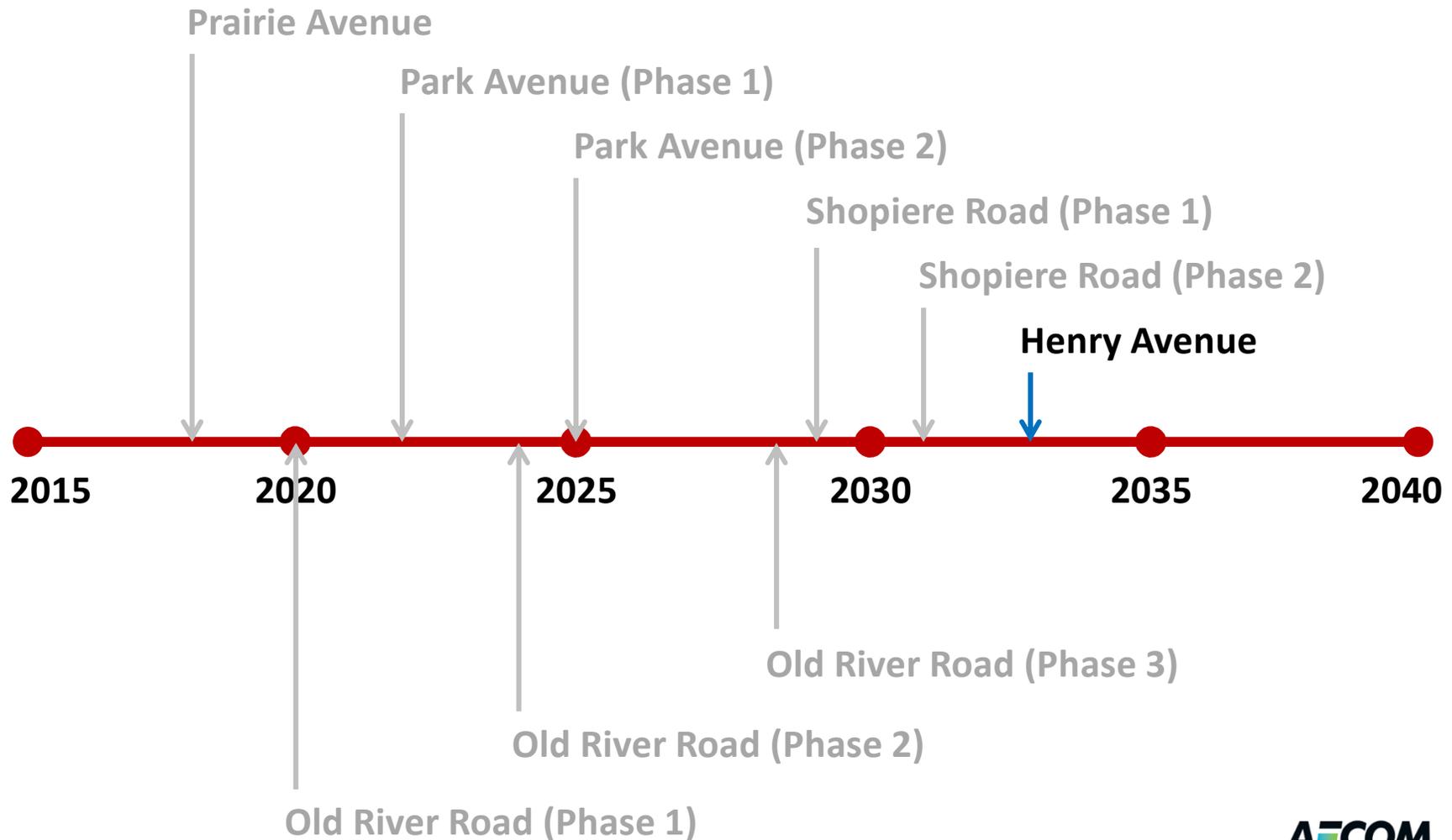
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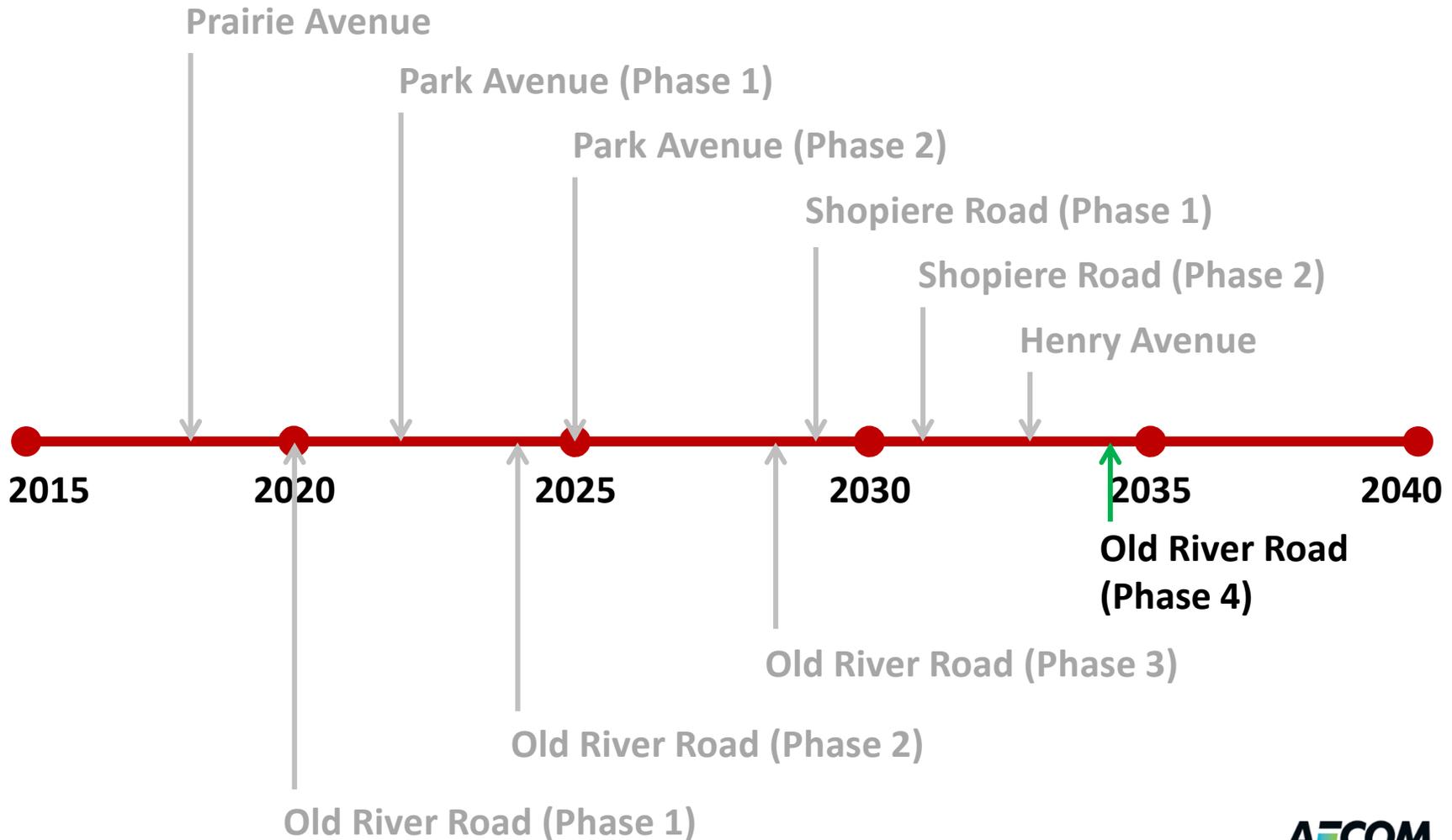
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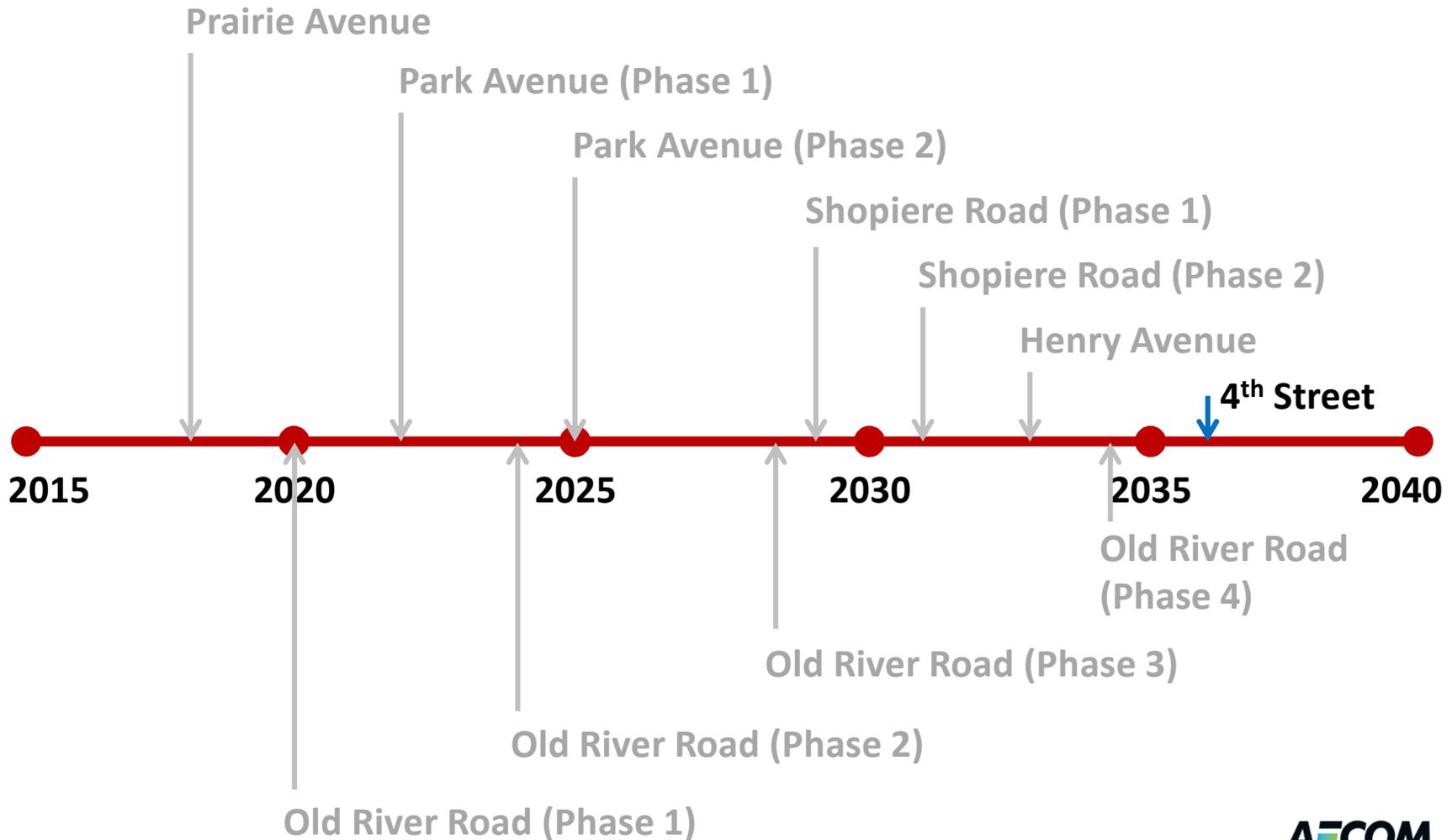
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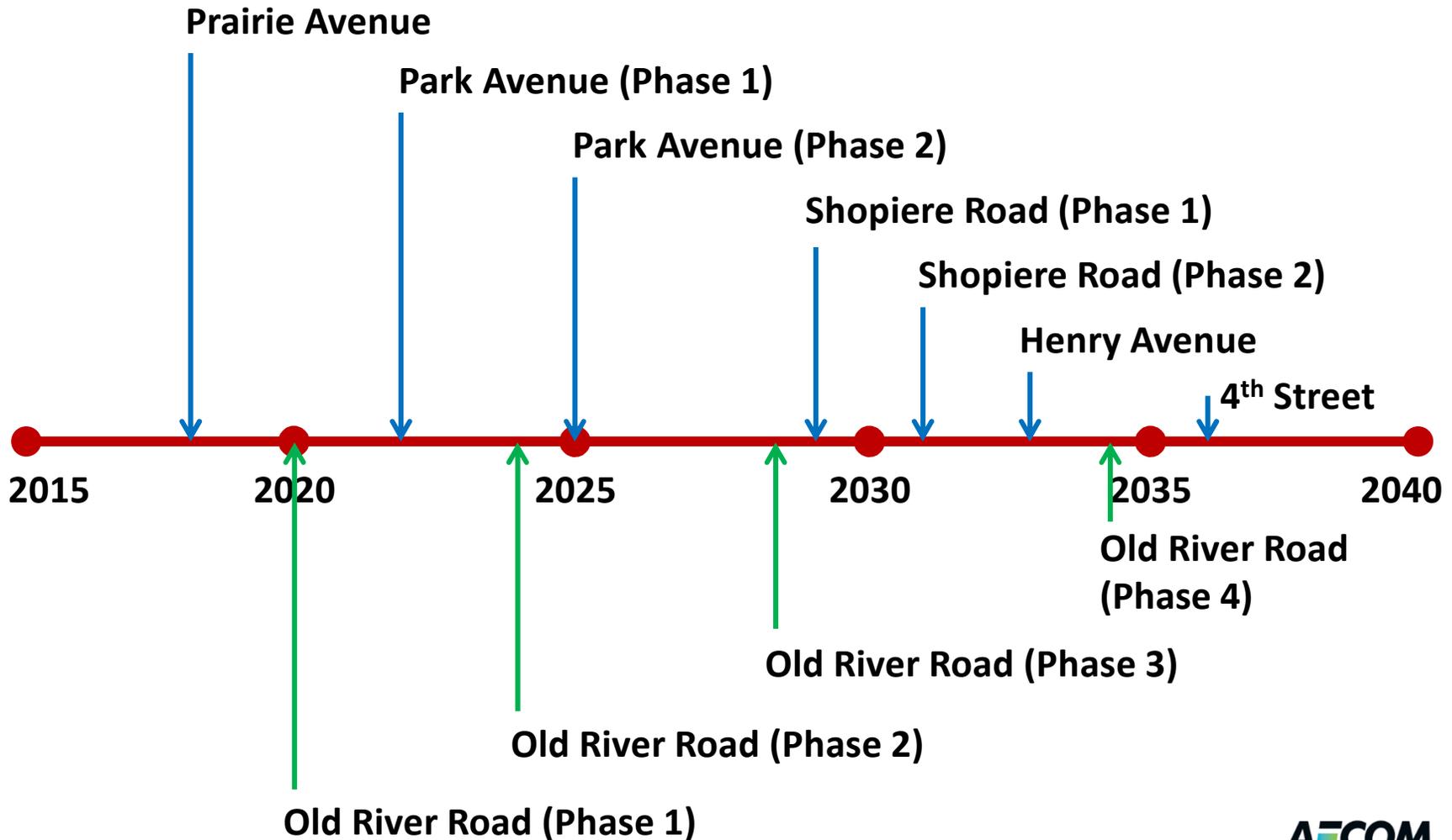
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Fiscally Constrained Projects



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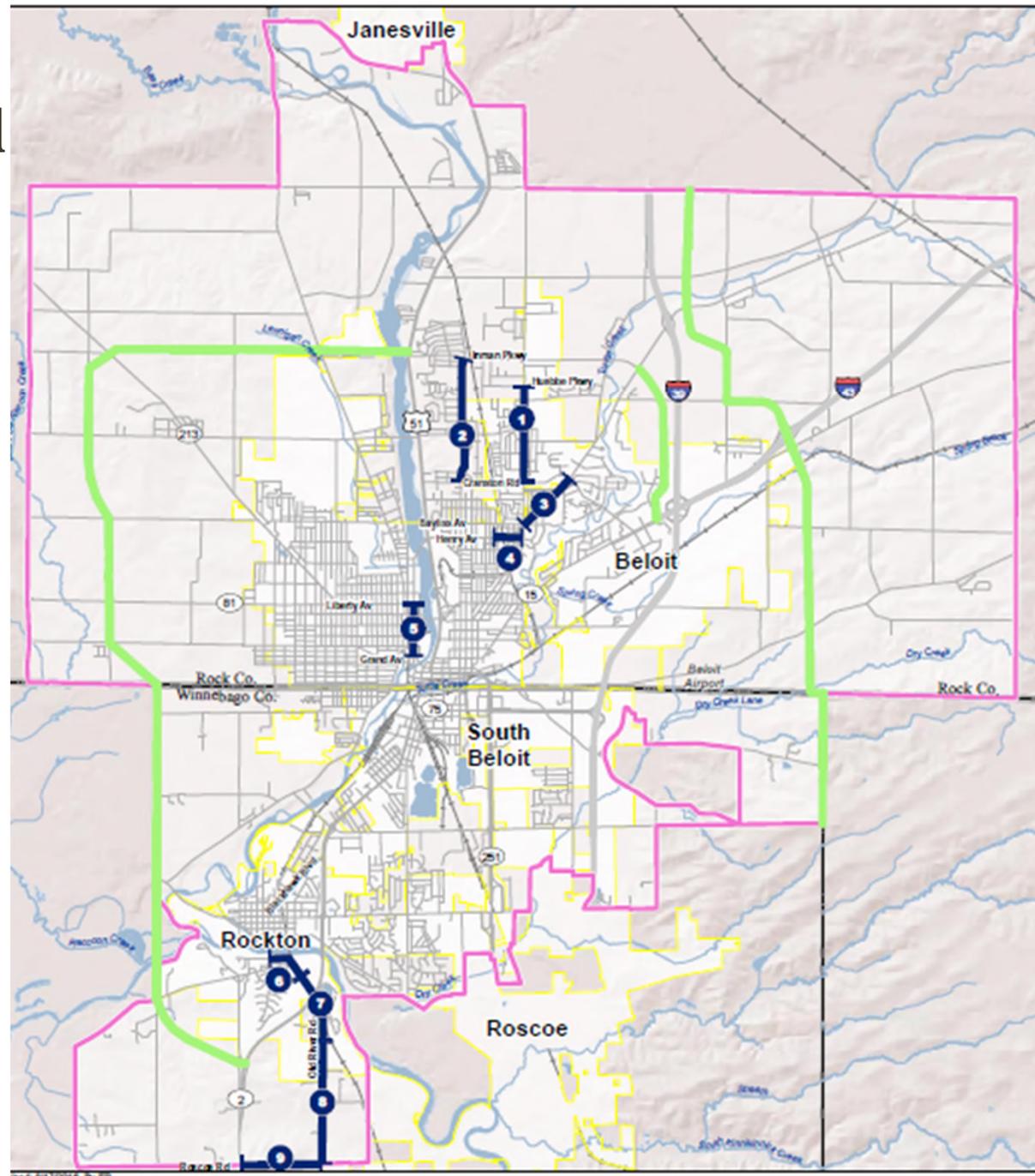


Fiscally Unconstrained Vision

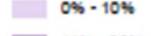
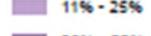
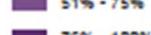
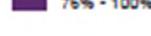
-  Fiscally Constrained Projects
-  Unconstrained Vision Project
-  SLATS MPO Planning Area
-  Major Highways
-  Highways
-  Major Roads
-  Streets
-  City Limits
-  Railroads
-  Waterbody

Project

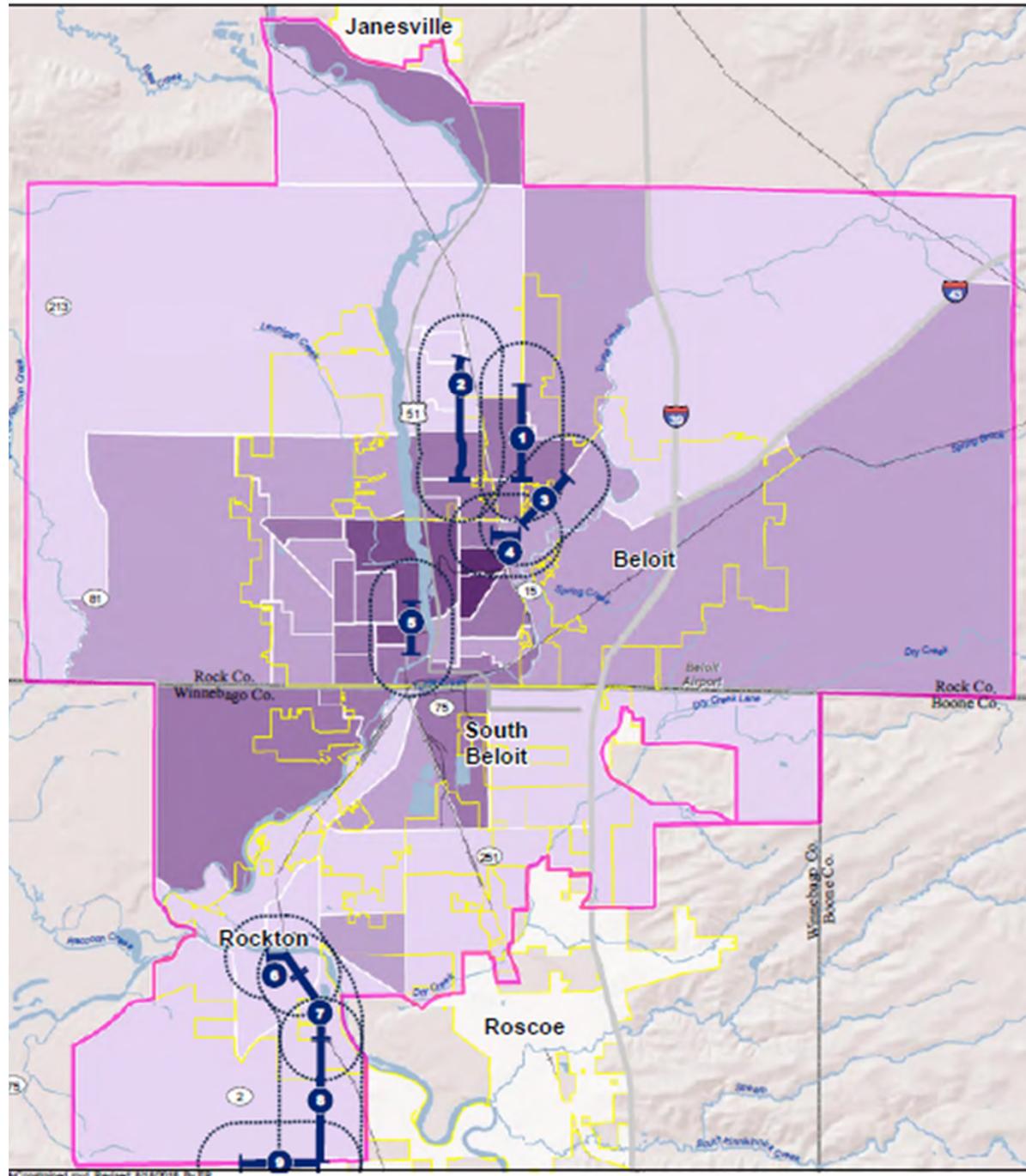
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Environmental Justice Analysis - Minority Population

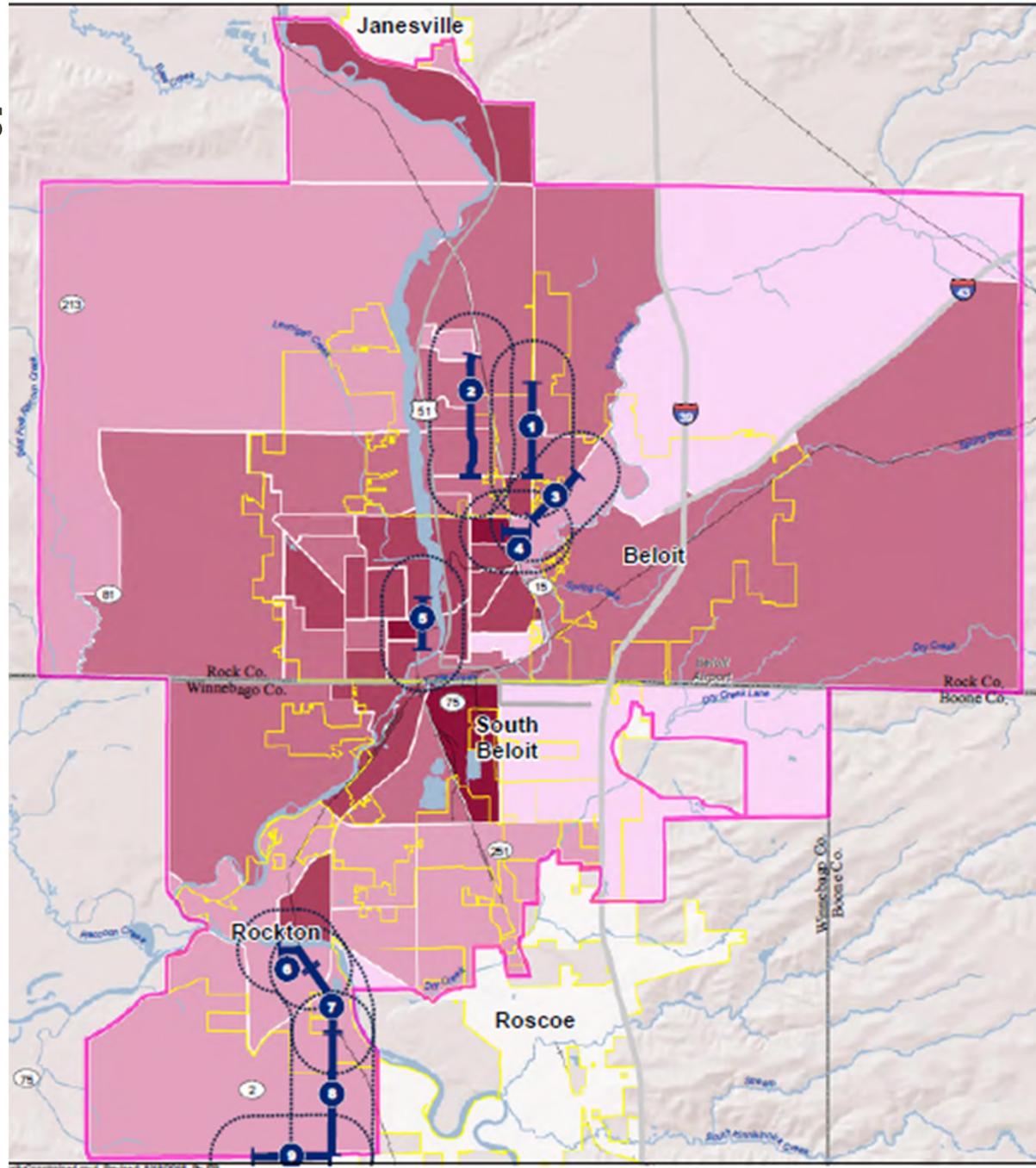
-  Fiscally Constrained Projects
 -  Half-mile Radius of Fiscally Constrained Project
 -  SLATS MPO Planning
 -  City Limits
 -  Railroads
 -  Waterbody
- Percentage of Minority Population**
-  0% - 10%
 -  11% - 25%
 -  26% - 50%
 -  51% - 75%
 -  76% - 100%

- Project**
-  1 Prairie Avenue
 -  2 Park Avenue
 -  3 Shopiere Road
 -  4 Henry Avenue
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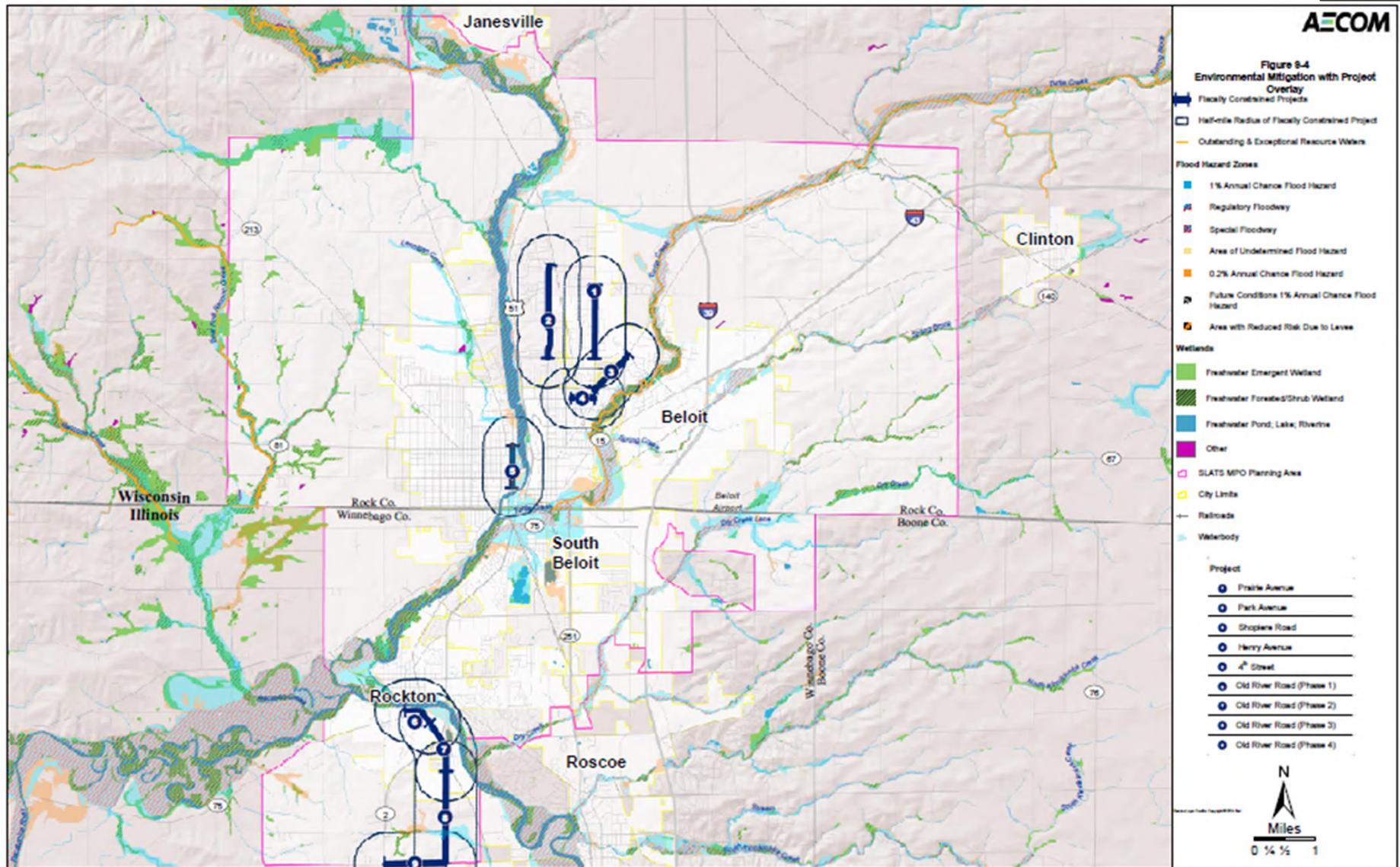


Environmental Justice Analysis - Low Income Population

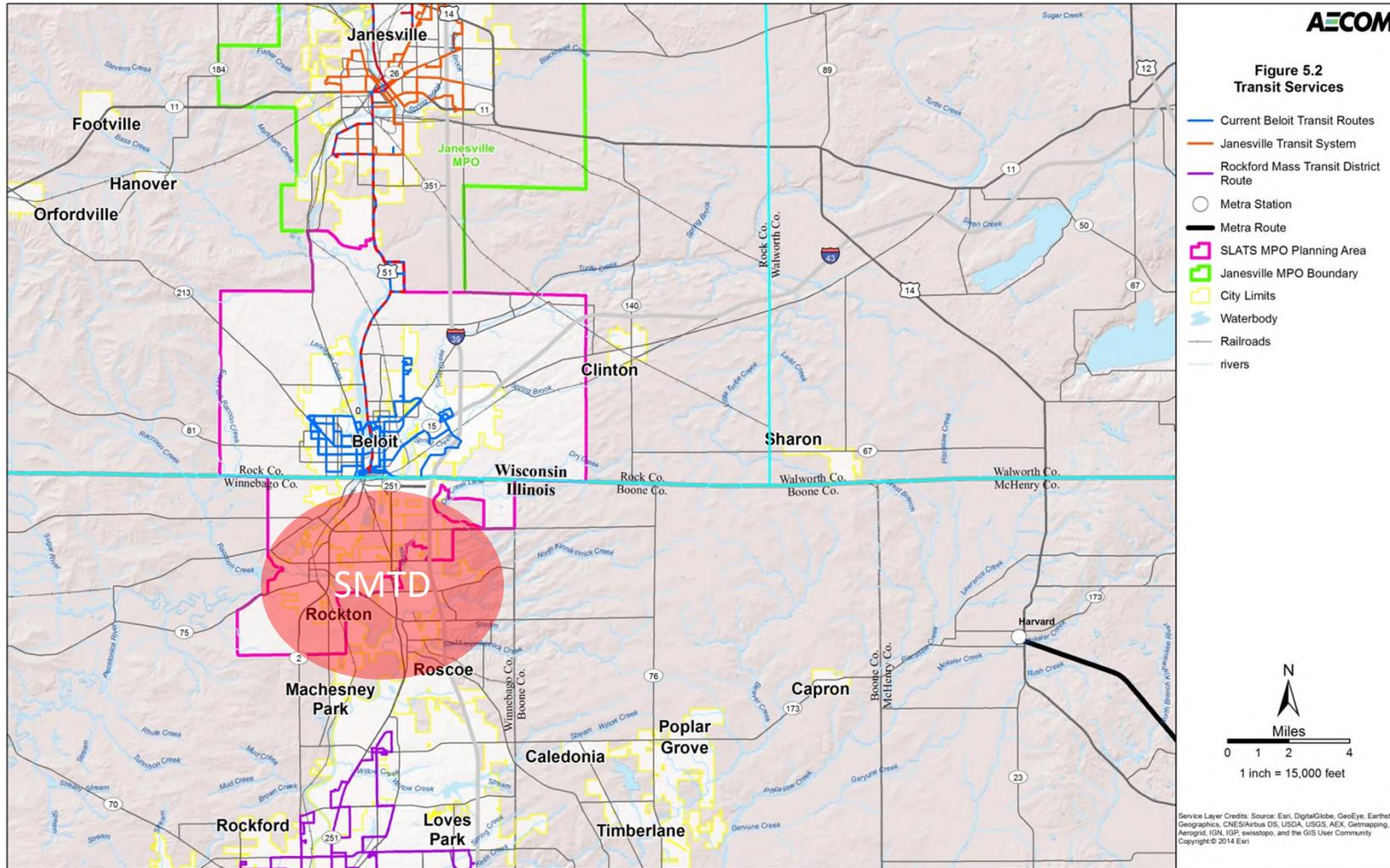
-  Fiscally Constrained Projects
 -  Half-mile Radius of Fiscally Constrained Project
 -  SLATS MPO Planning
 -  City Limits
 -  Railroads
 -  Waterbody
- Percentage of Low Income Population**
-  0% - 10%
 -  11% - 25%
 -  26% - 50%
 -  51% - 75%
 -  76% - 100%
- Project**
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Environmental Mitigation

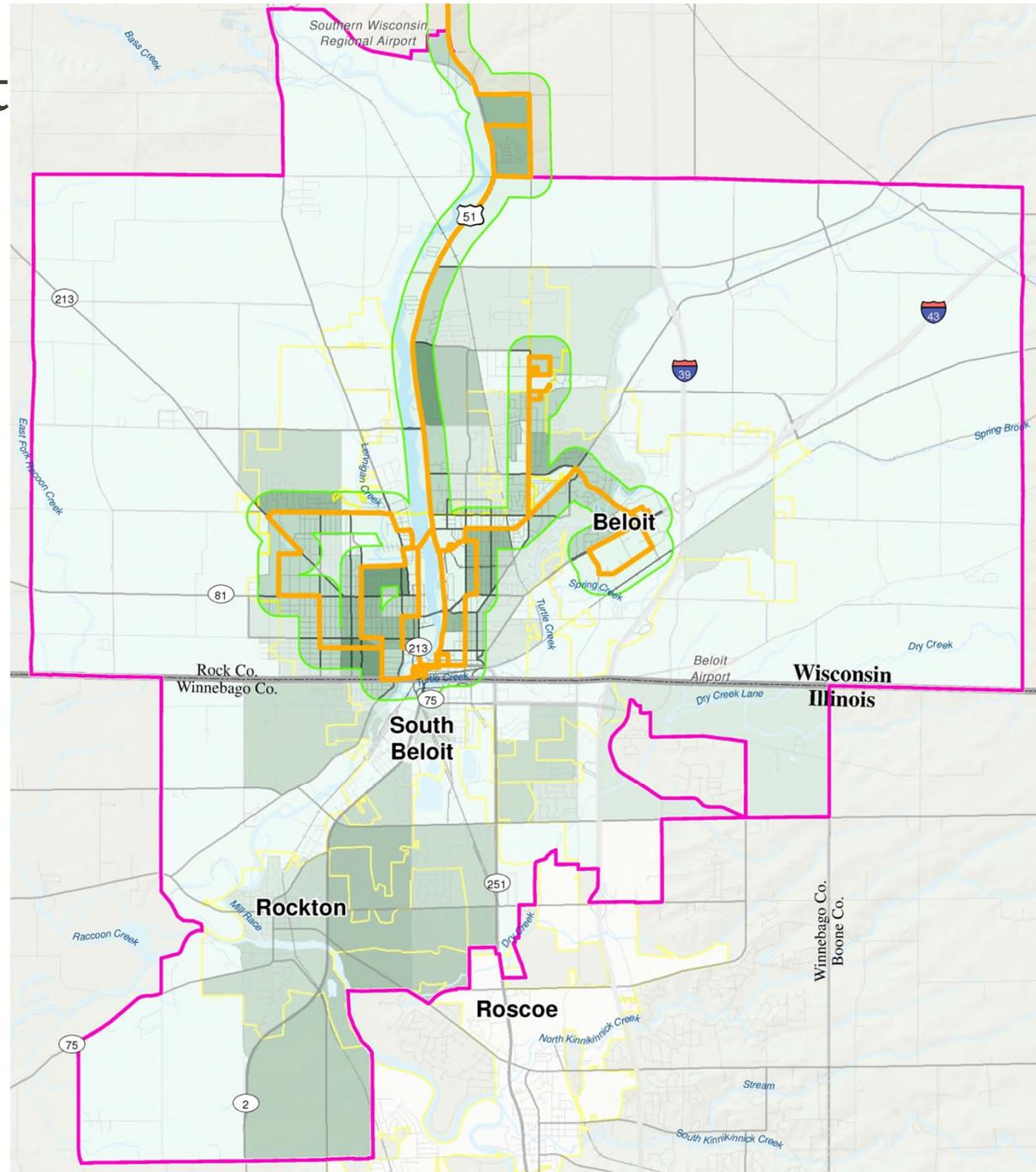
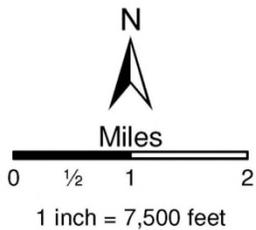


Transit Service – Regional Context

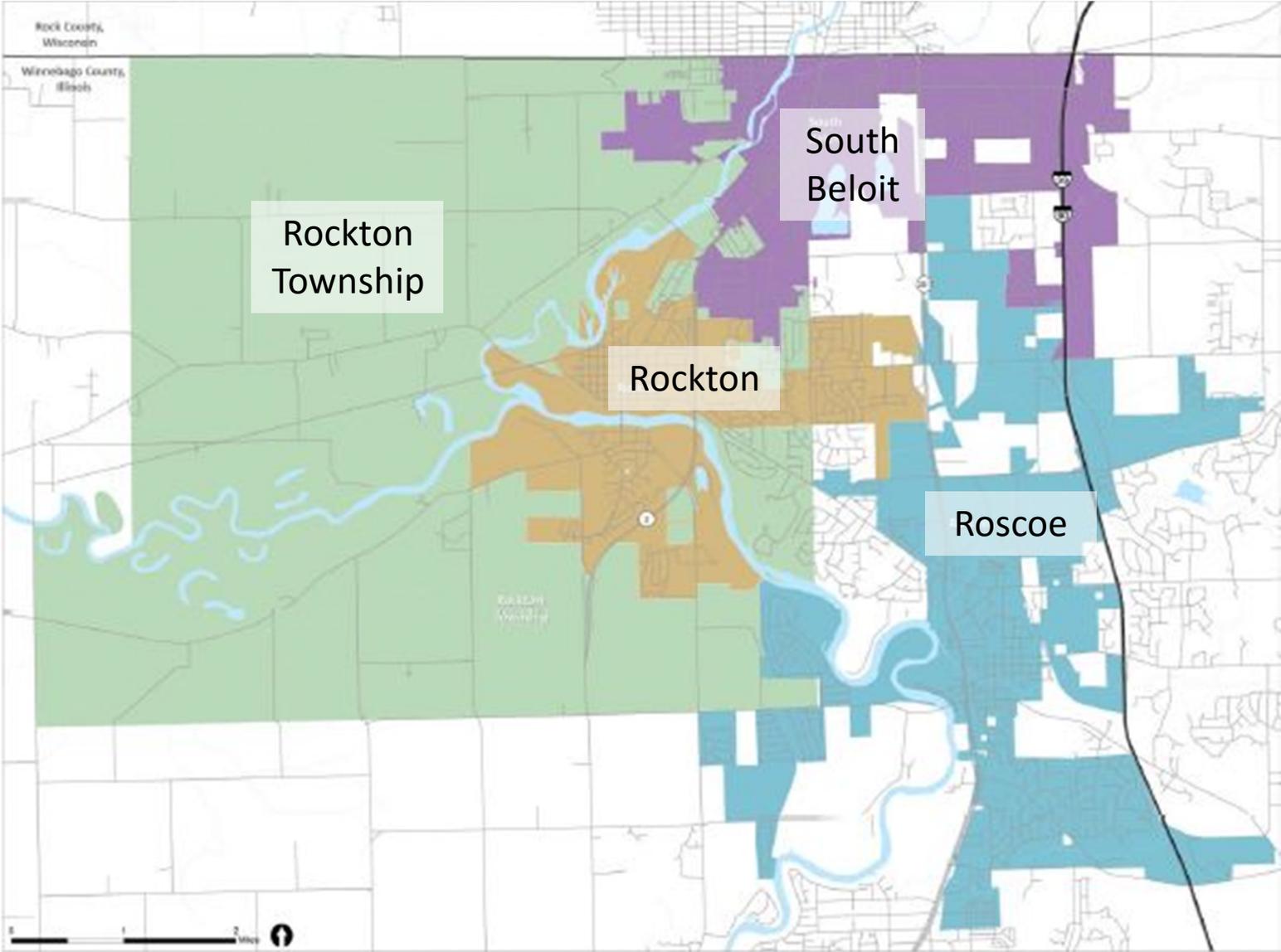


Beloit Transit Service Coverage (BTS)

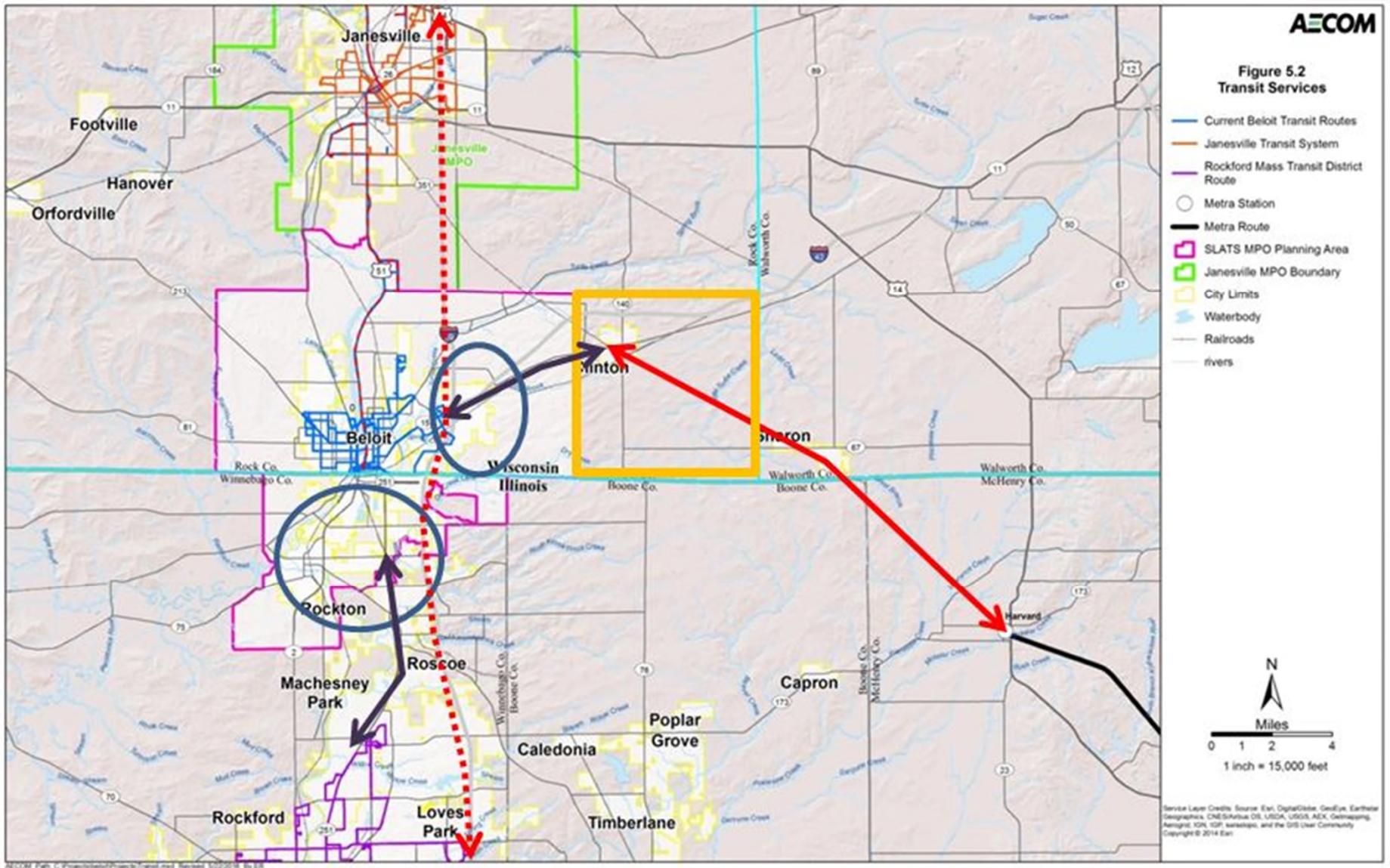
-  Proposed Transit Route
-  Area Within 1/4 Miles of Transit
- Total Population (2010)**
-  Less than 500
-  500 - 1,000
-  1,000 - 1,500
-  1,500 - 2,000
-  More than 2,000
-  SLATS MPO Planning
-  City Limits



SMTD Service Coverage



Potential Improvements



Thank you!