

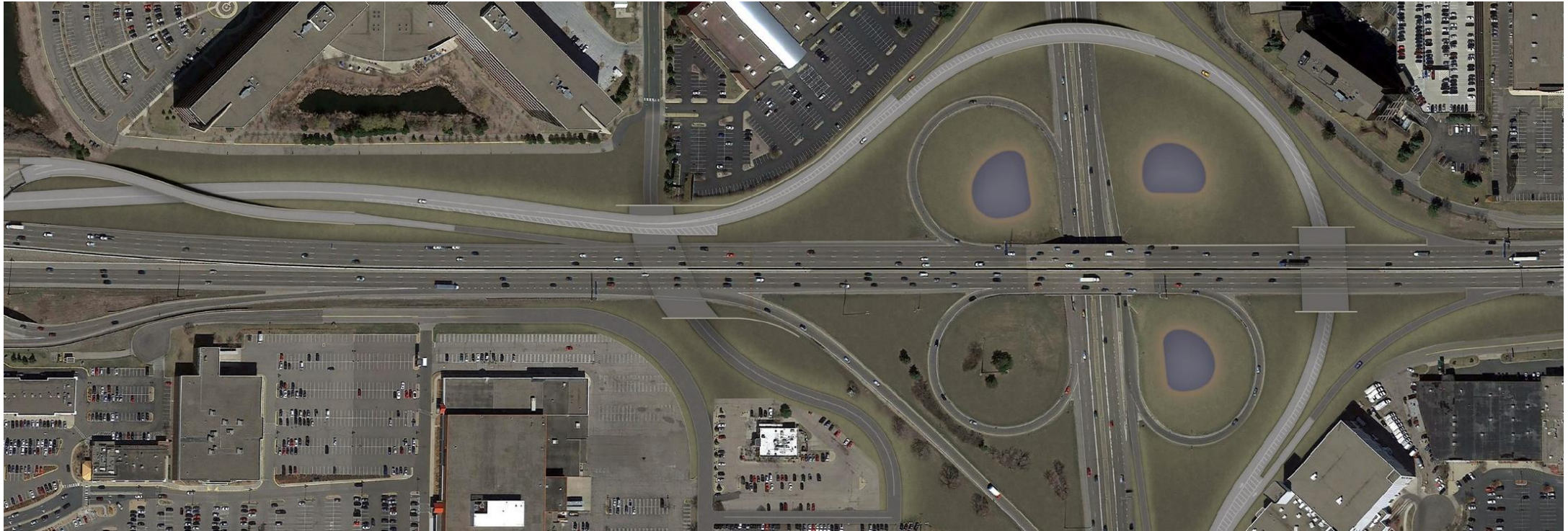
MnDOT/Met Council: Freeway System Interchange Study

Transportation Advisory Board

March 20, 2019

Example: I-494/I-35W in Bloomington/Richfield

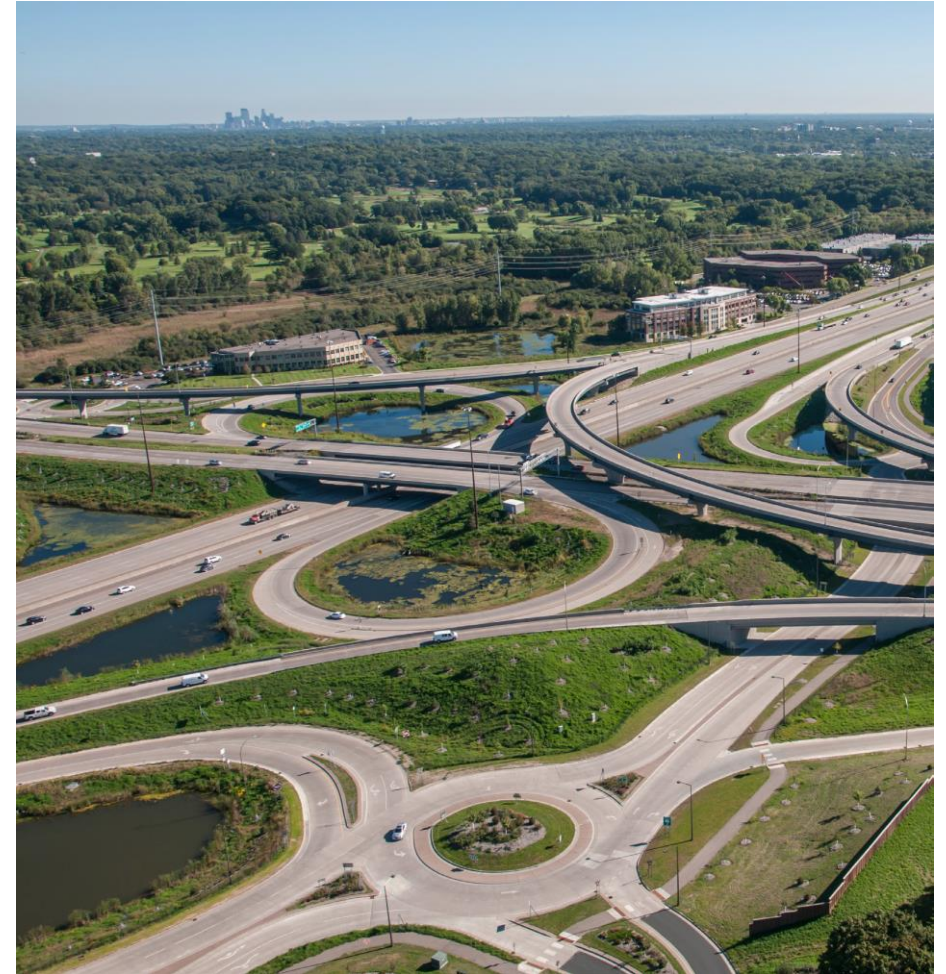
- North to west directional ramp
- Corridors of Commerce awarded \$70 million to begin in 2021
- Includes directional ramp and bridge braids



Background

- System studies context
- System interchanges connect two freeways
- Congestion and crash concentrations
- Recent major investments
- Numerous identified needs
- Locations have been evaluated independently

I-494/US 169 build in
2012 @ \$125 million
Eden Prairie/Edina/Bloomington



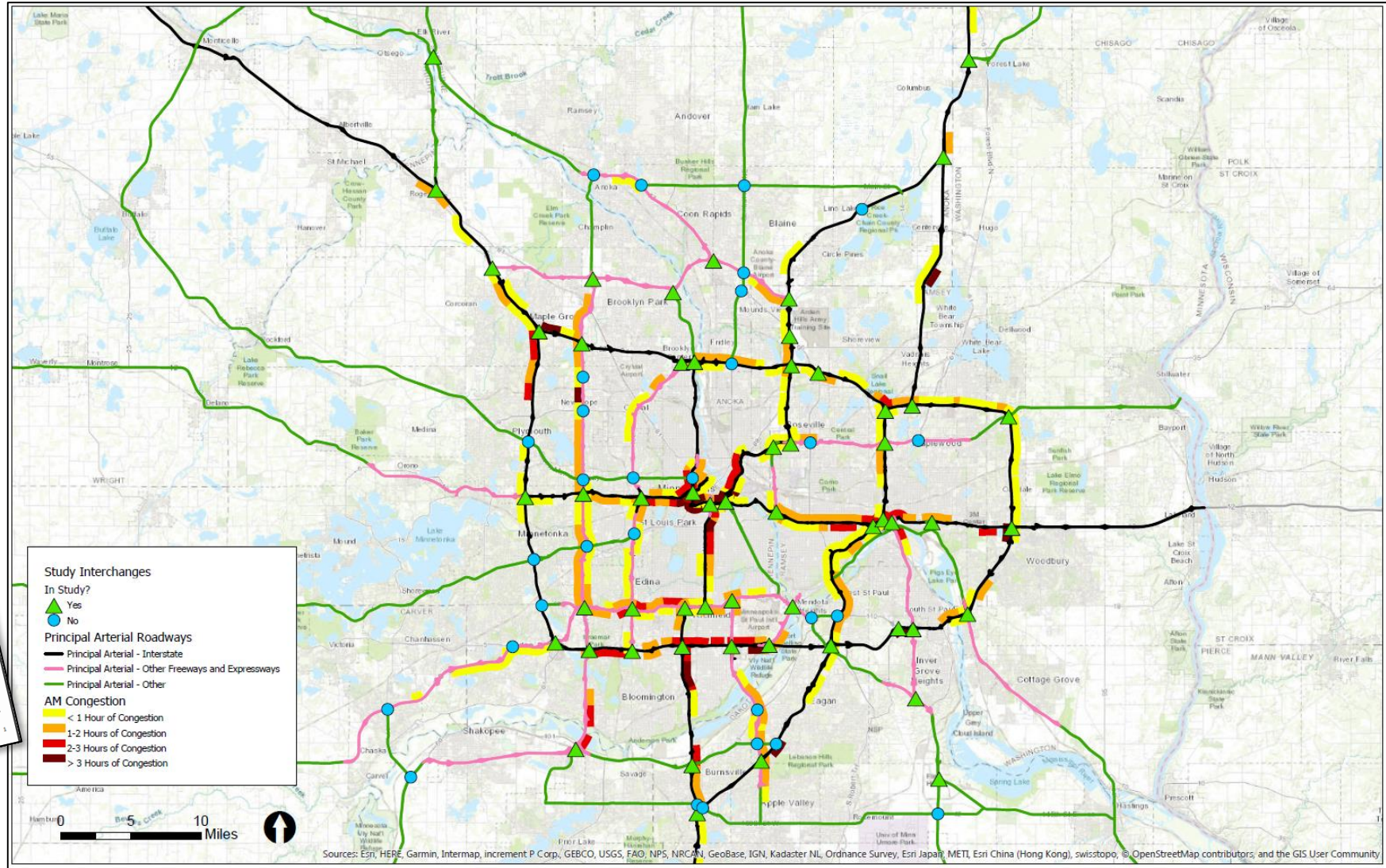
56 Study Interchanges

Freeway System Interchange Study
List of Study Interchanges

DRAFT

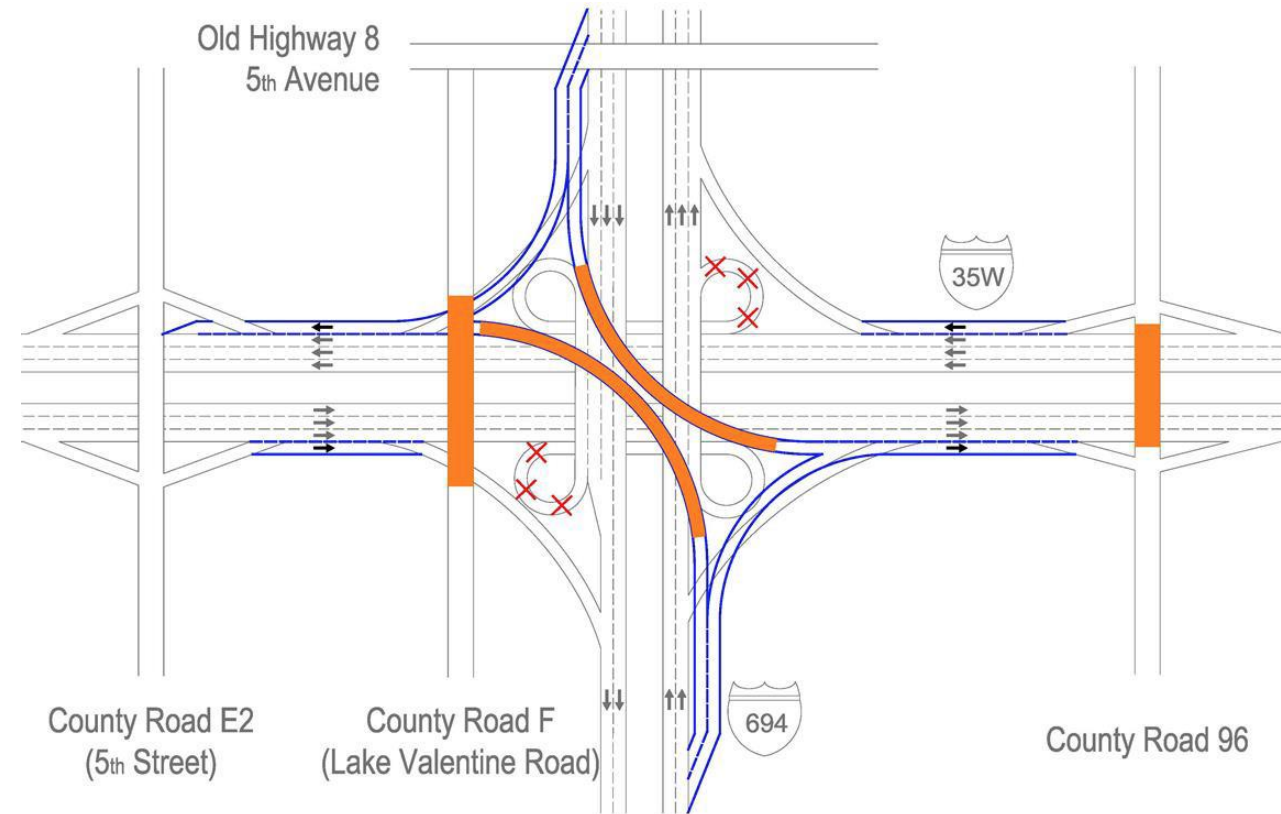
Interchange	Location	State	Both Freeways	Freeway Interchange Design	Potential Freeway Corridor	County	Area	Number of Movements
1	144 & Hwy 104	in	x			Washington	West	12
2	144 & Hwy 104	in	x			Washington	West	12
3	144 & Hwy 104	in	x			Washington	West	12
4	144 & Hwy 104	in	x			Washington	West	12
5	144 & Hwy 104	in	x			Washington	West	12
6	144 & Hwy 104	in	x			Washington	West	12
7	144 & Hwy 104	in	x			Washington	West	12
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50	144 & Hwy 104	in	x			Washington	West	12
51	144 & Hwy 104	in	x			Washington	West	12
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54	144 & Hwy 104	in	x			Washington	West	12
55	144 & Hwy 104	in	x			Washington	West	12
56	144 & Hwy 104	in	x			Washington	West	12

9/24/2018



Purpose

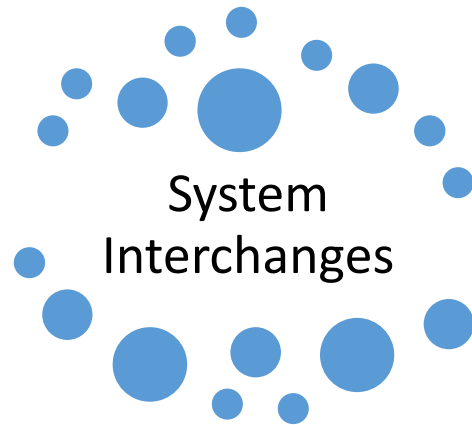
- Reduce delay and crashes
- Consider needs of freight and transit
- Systematically discover and prioritize opportunities across region
- Right-size investments



Stakeholder Engagement

Study Leadership	Agency Outreach
<p>Technical Advisory Committee</p> <ul style="list-style-type: none">• Seven-county Metro Area counties• Wright and Sherburne counties• Local governments• Federal Highway Administration• MnDOT• Metropolitan Council	<ul style="list-style-type: none">• Minnesota Freight Advisory Committee• Transportation Advisory Board<ul style="list-style-type: none">- Technical Advisory Committees• Congestion Management Process• State’s Capital Improvements Committee• Met Council Transportation Committee

Study Process



Determine locations to be studied

50-60
locations



Evaluate current issues

Identify highest problem magnitudes

~20
locations



Develop a range of solutions

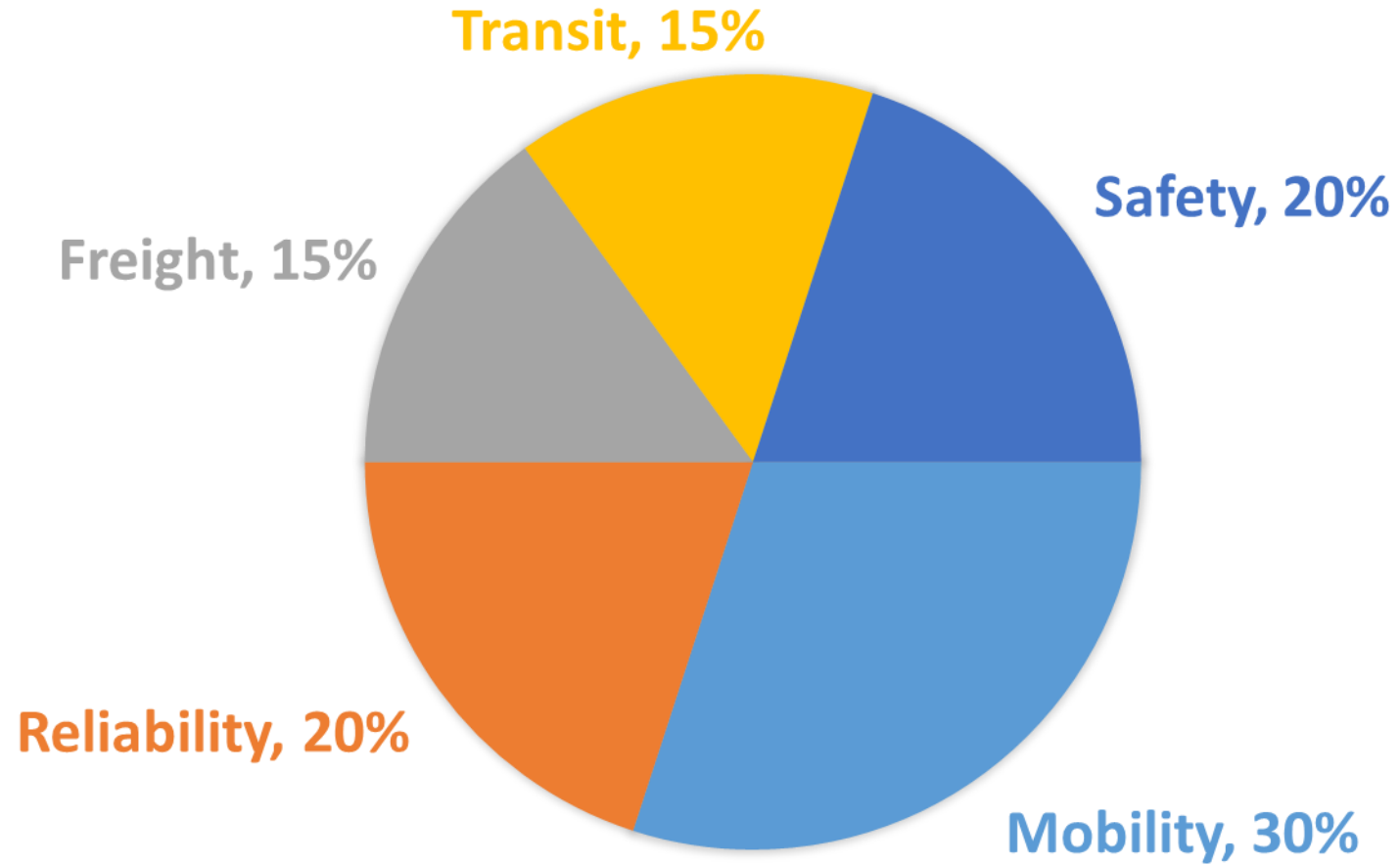
Estimate return on investment



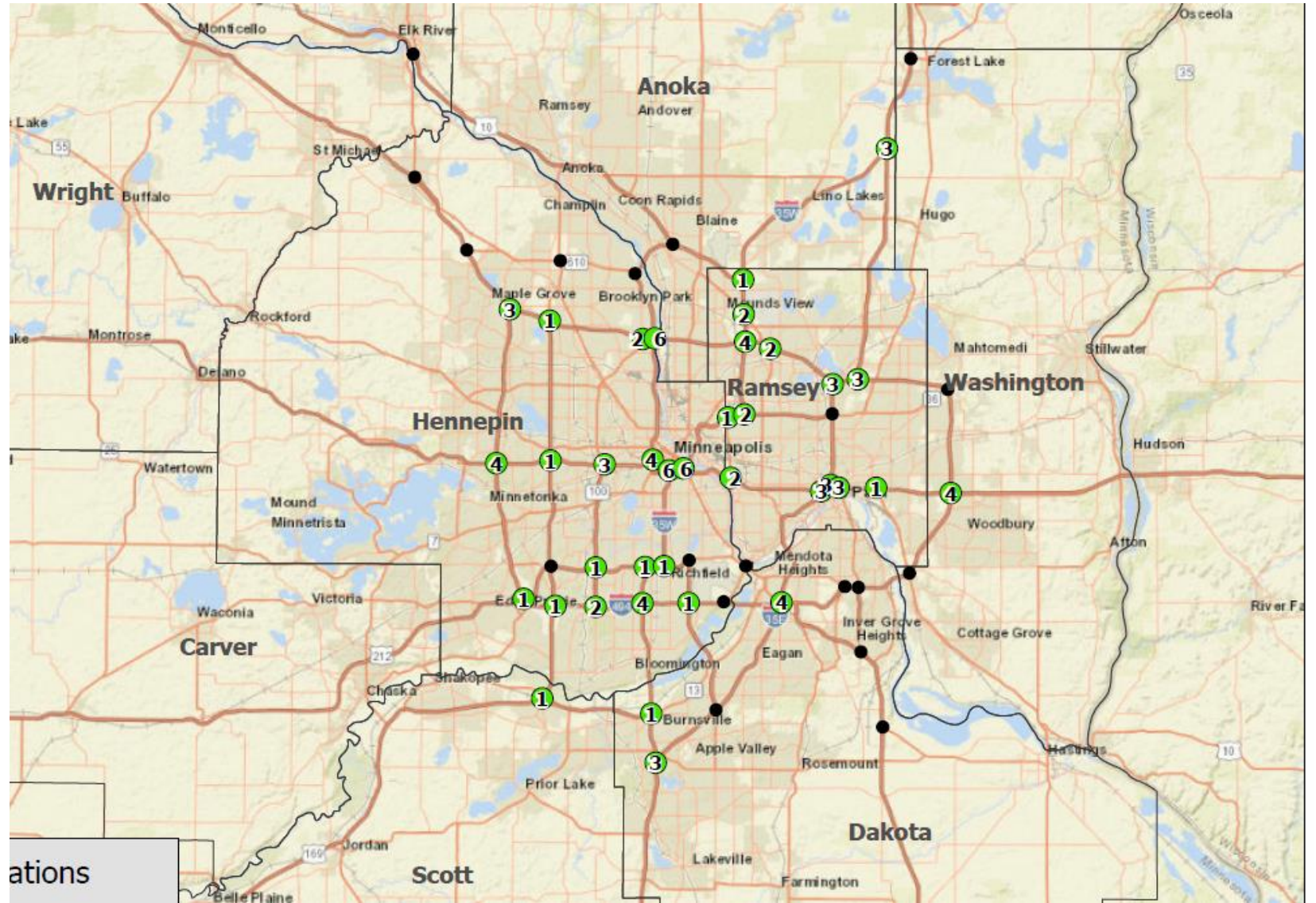
Document recommendations for future investments

10-12
locations

Performance Measure Weighting

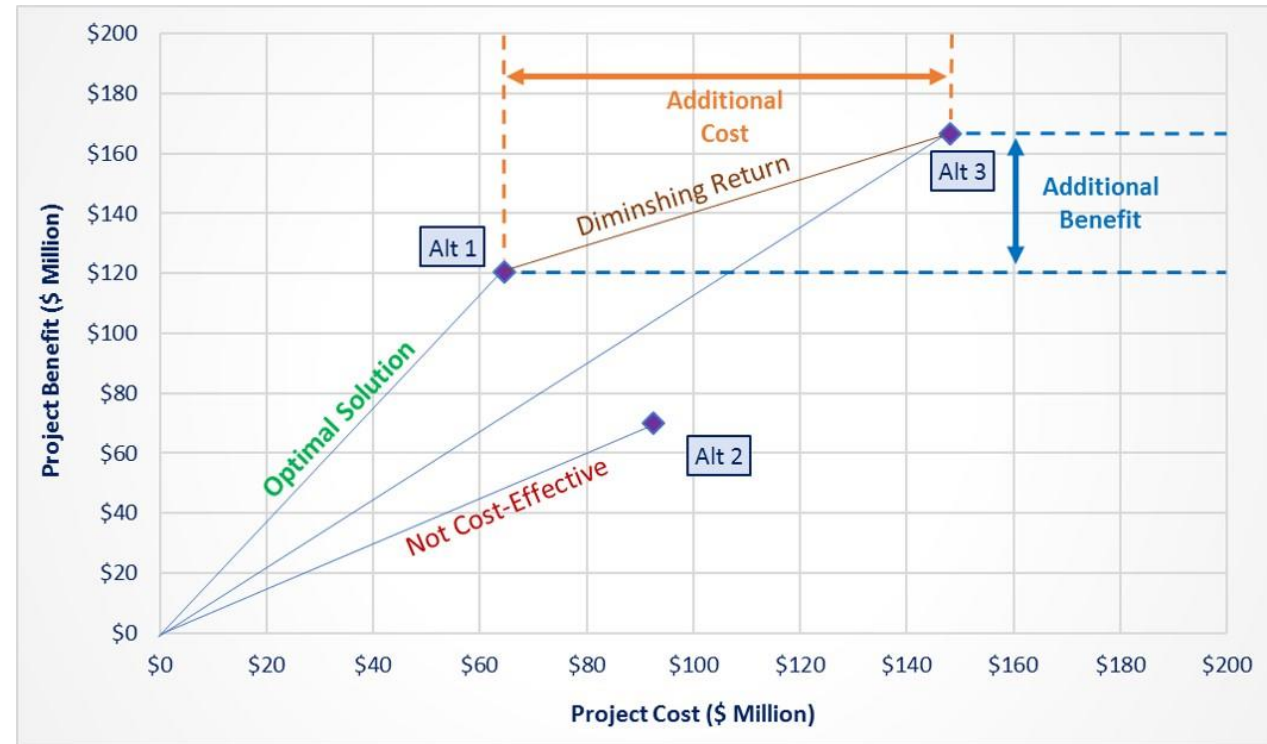


Focus Locations



Next Steps

- 1) Analyze interchange problems
- 2) Develop design solutions
- 3) Suggest implementation priority
- 4) Documentation of results
→ Next TPP Update



Thank you!

Contacts:

Michael Corbett

michael.j.corbett@state.mn.us

Tony Fischer

tony.fischer@metc.state.mn.us