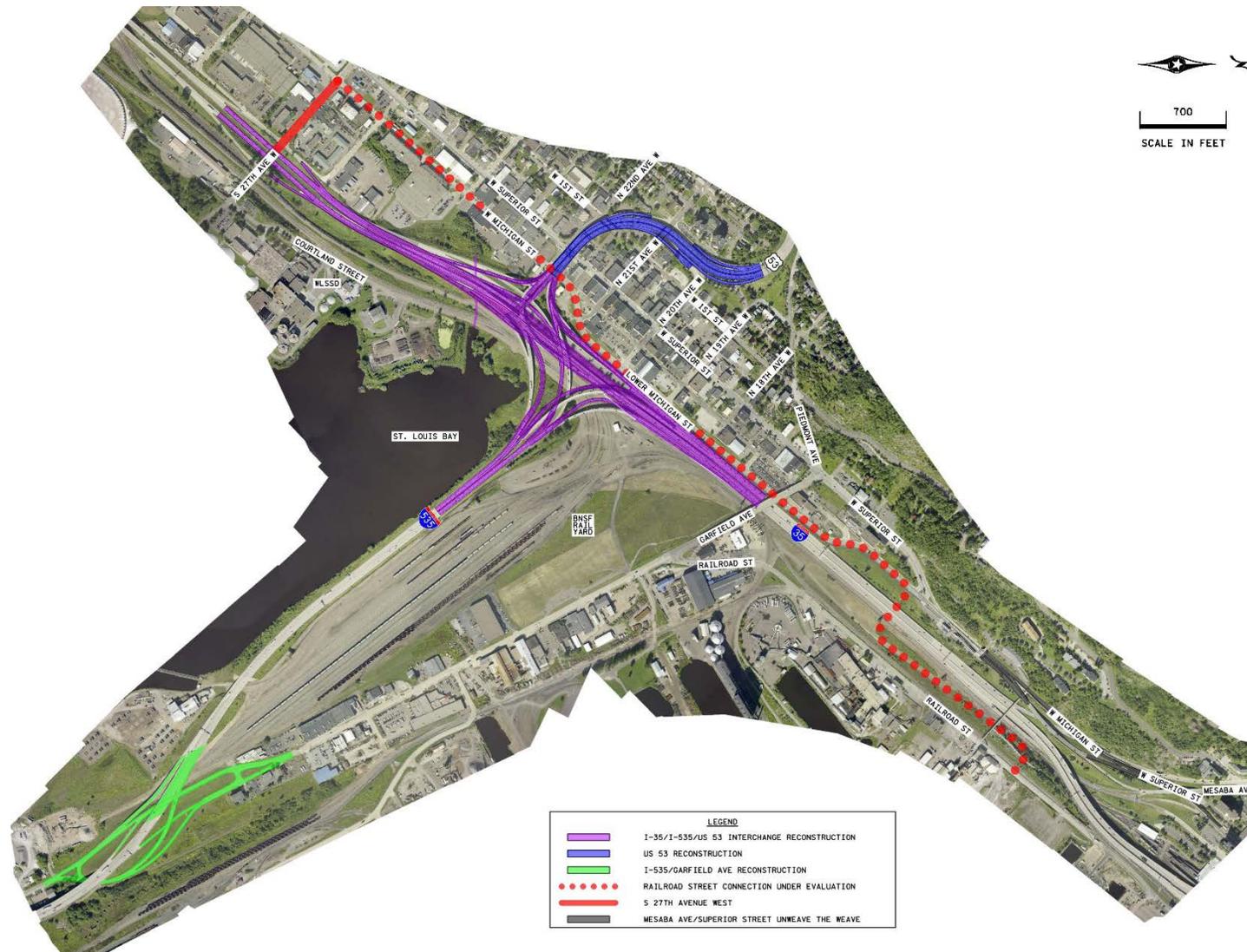


Twin Ports Interchange Reconstruction Project Update

June 25, 2018

Project Components



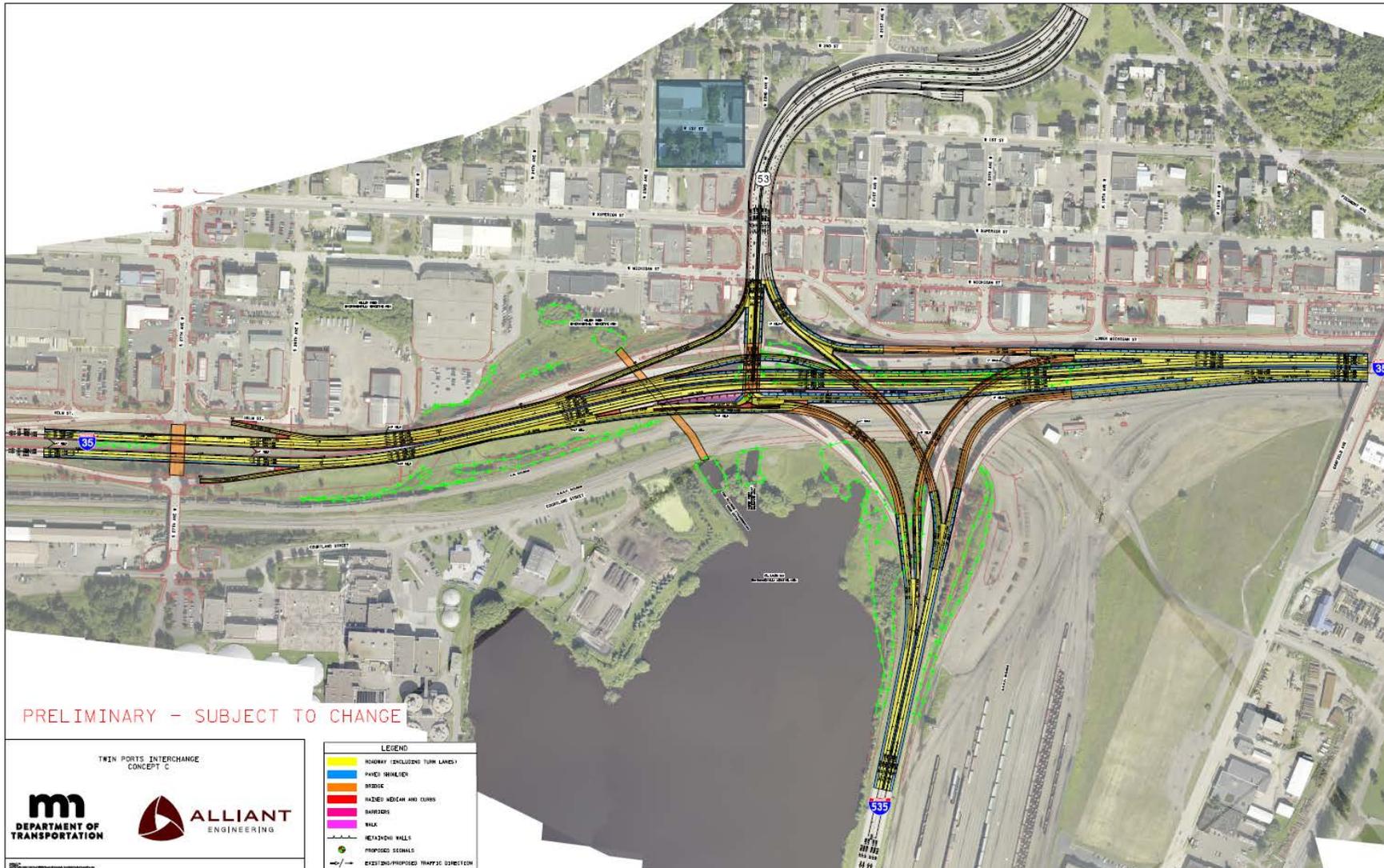
Purpose of Project

- Enhance safety by eliminating blind merges and left exits
 - Moving left exits to the right
 - Relocating merges
- Replace aging infrastructure
 - Reconstructing weight restricted and non-redundant bridges
 - Reduces maintenance and closures
 - Eliminates some bridge structure
- Improve freight mobility
 - Allow oversize/overweight freight on the Interstate

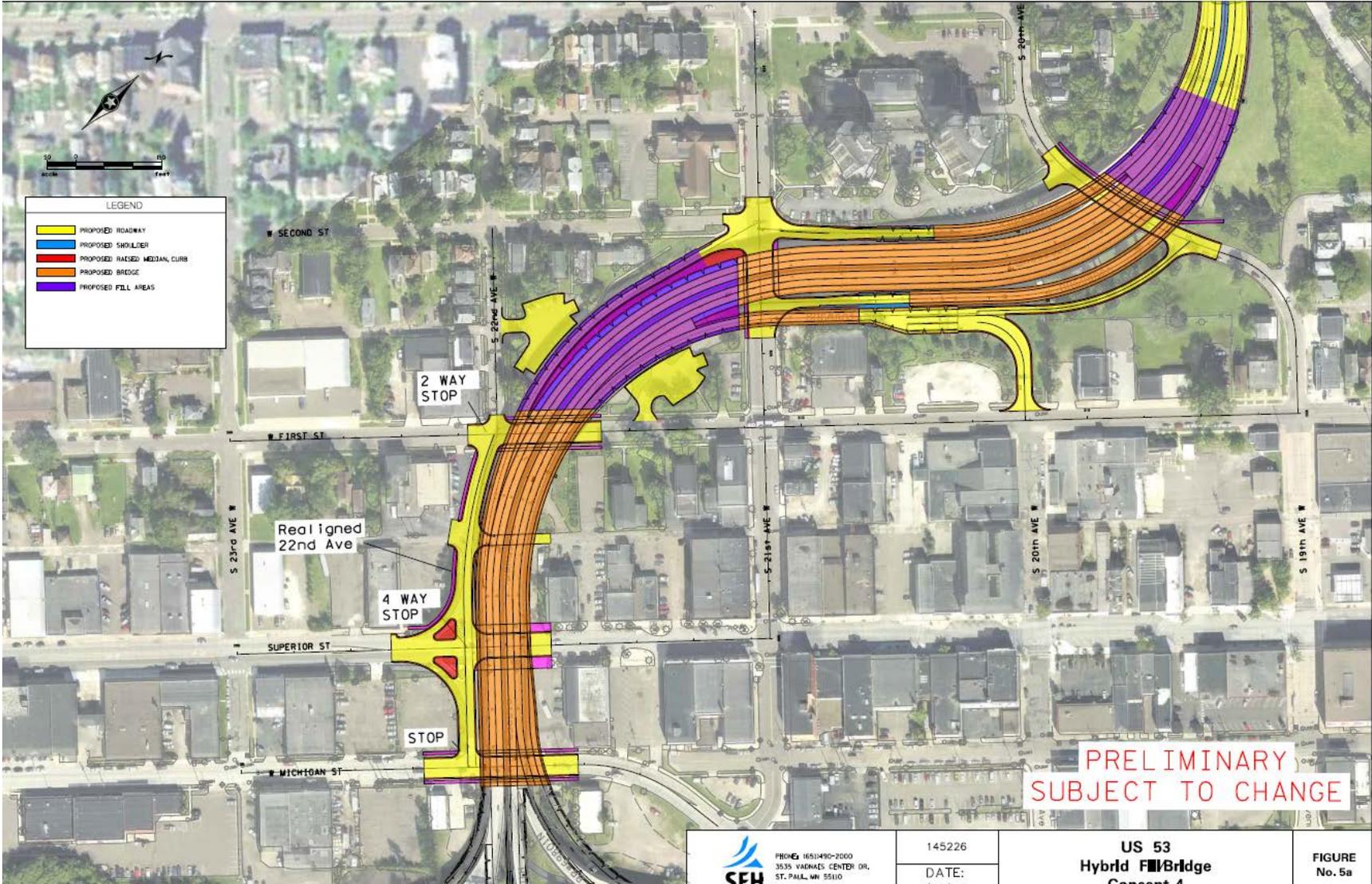
Other Potential Benefits

- Improved access to Downtown/Waterfront
- Better bicycle and pedestrian connections
- Safer and more comfortable spaces under the highway
- Opportunity for aesthetic improvements

Jct I-35/I-535/T.H. 53 – Concept C



Hwy 53 Partial Fill Option

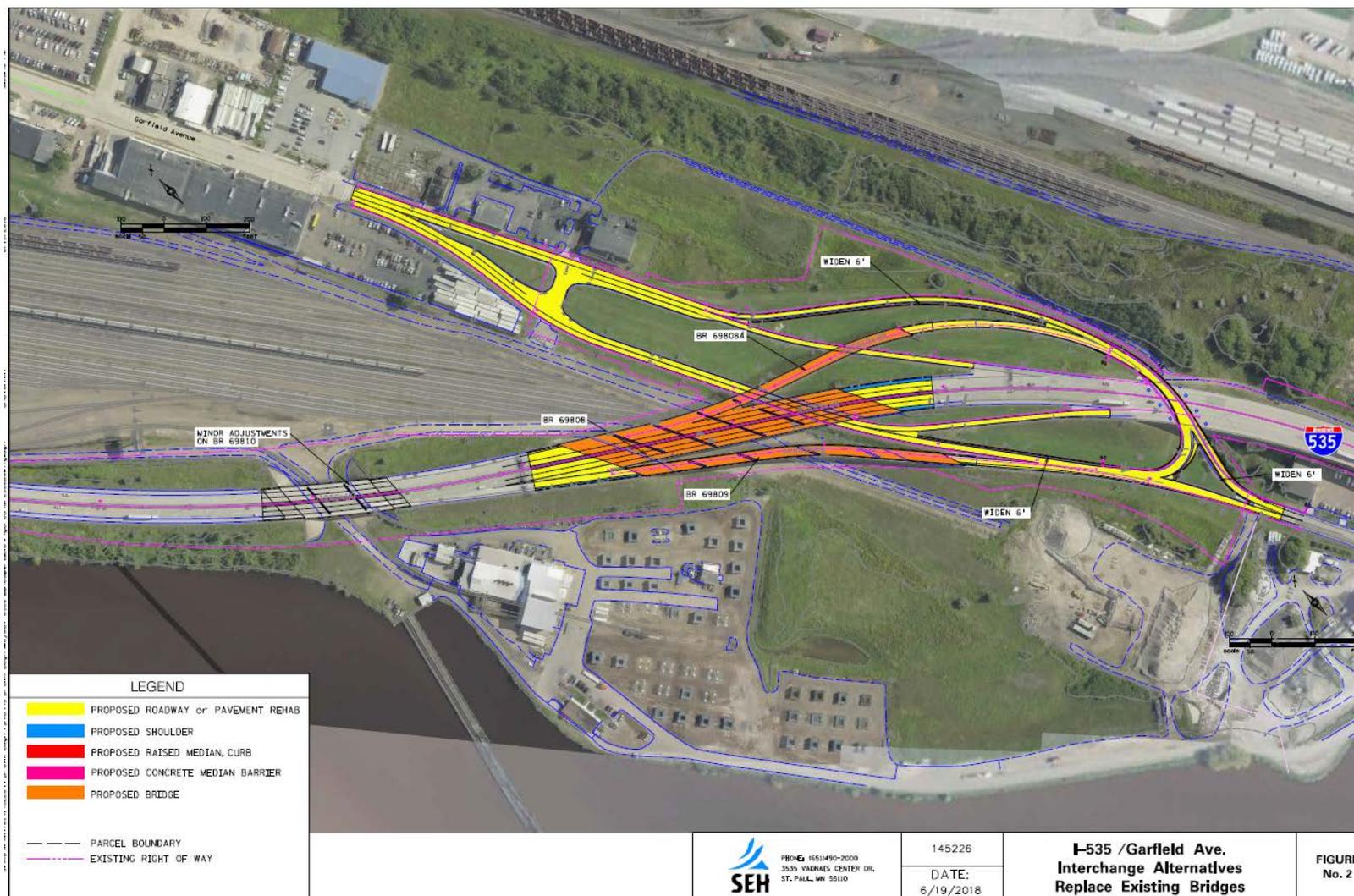


Hwy 53 Concerns/Issues

- Fill between First and 21st Avenue West
 - Process for public input
- Parking
- Enhanced lighting
- Need for roadway between 21st Avenue West and 19th Avenue West adjacent to ramp.
- 21st Ave W exit ramp issues



I-535/Garfield Avenue



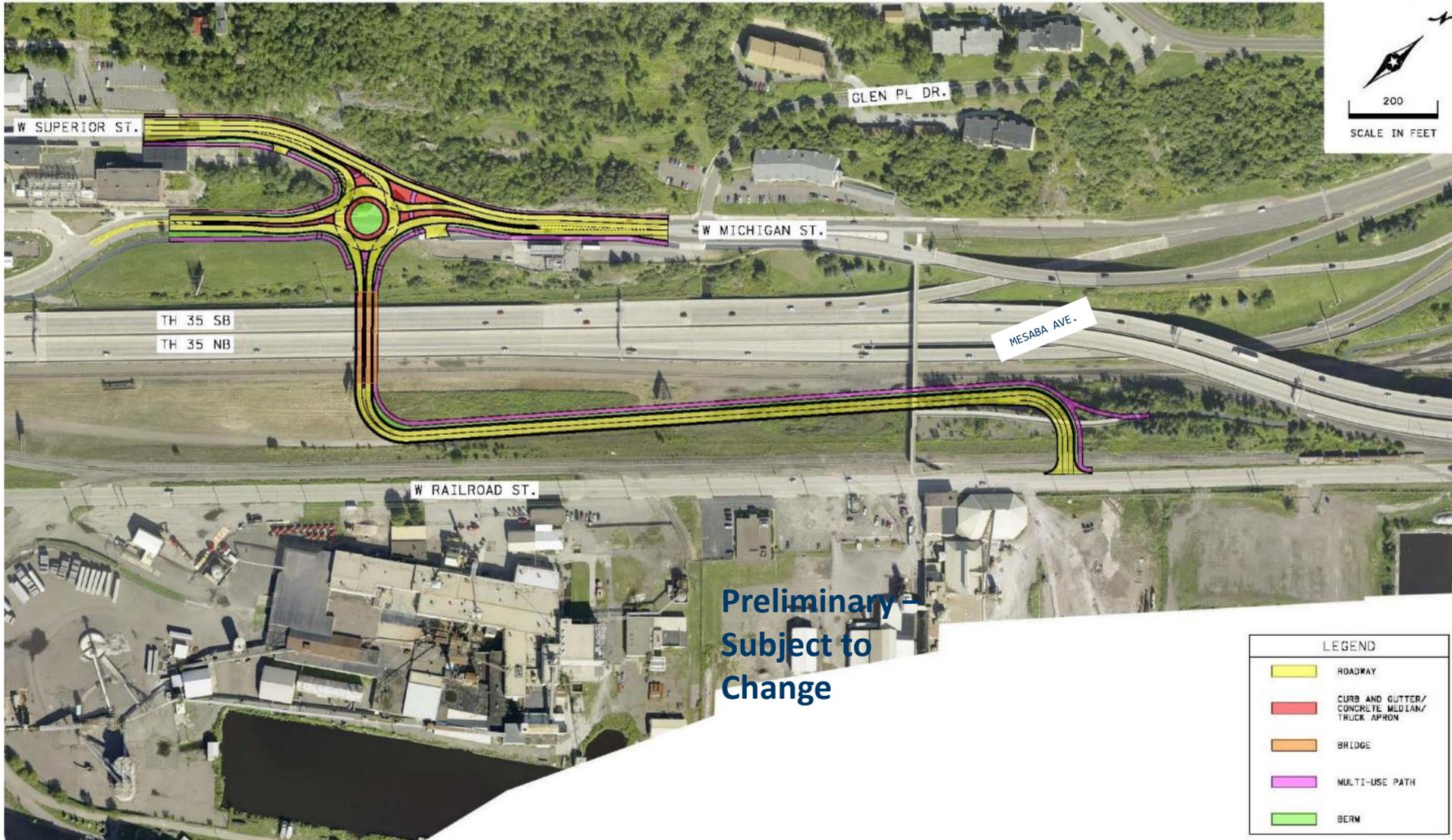
I-535 & Garfield Issues

- Reconstruction on existing
 - Difficult to maintain existing due to narrowness
 - Improve site distances – limited visibility in areas including onto I-535 NB
 - Investigating Drainage
- Option 2
 - Increased the length of the grade onto the Blatnik
 - Movements not free flowing

Railroad Street Connection Option 1



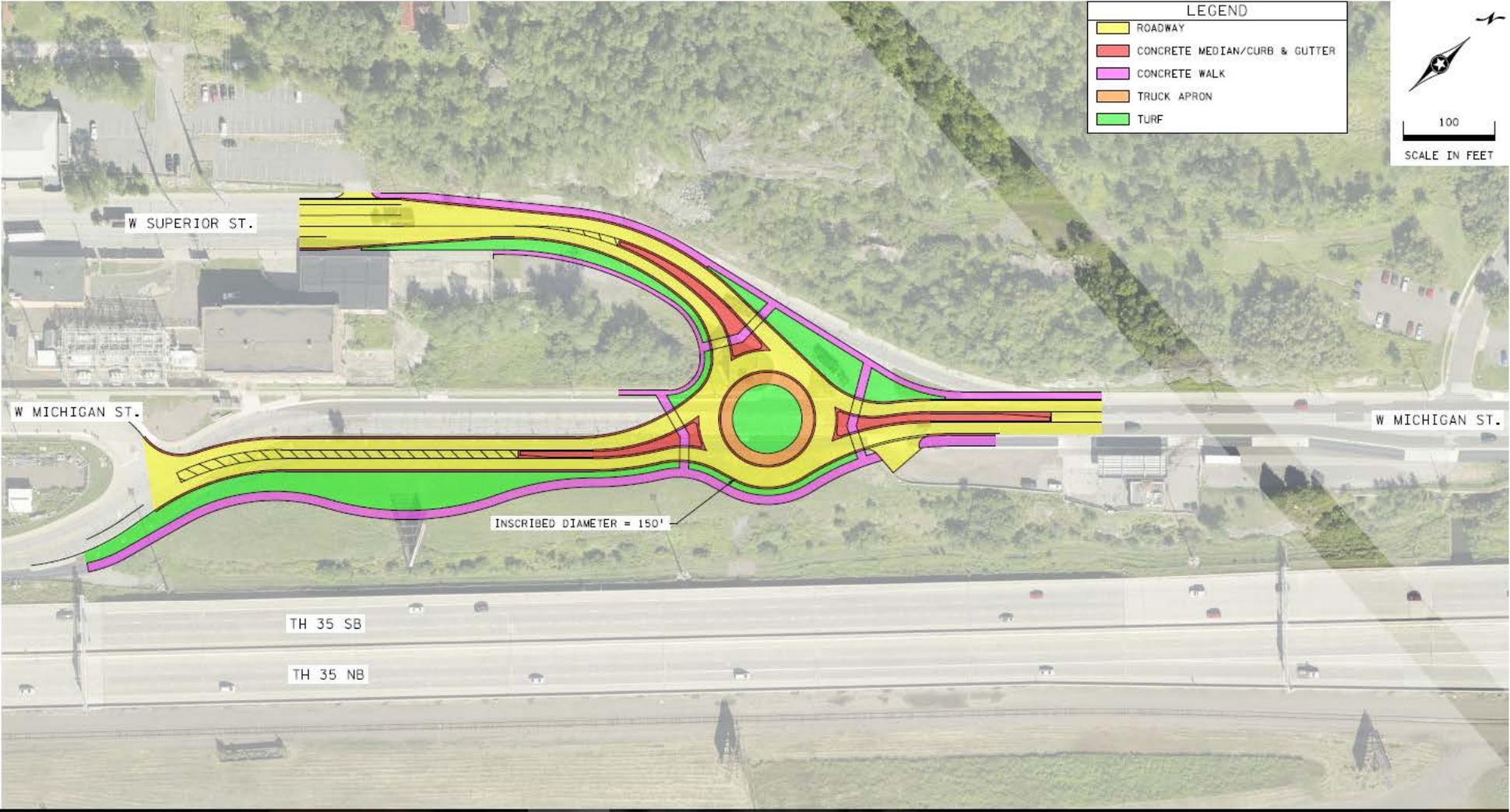
Railroad Street Connector at Michigan Street: Under study – May or may not build



Railroad Street Connector Issues

- Need to show B/C based on traffic mitigation for project
- MnDOT cannot use highway funds for economic development
- Currently under study to determine benefit/cost
- Meeting with City in July
- Cost is \$10 million

Roundabout Option



Mitigation – Railroad Street Option 2



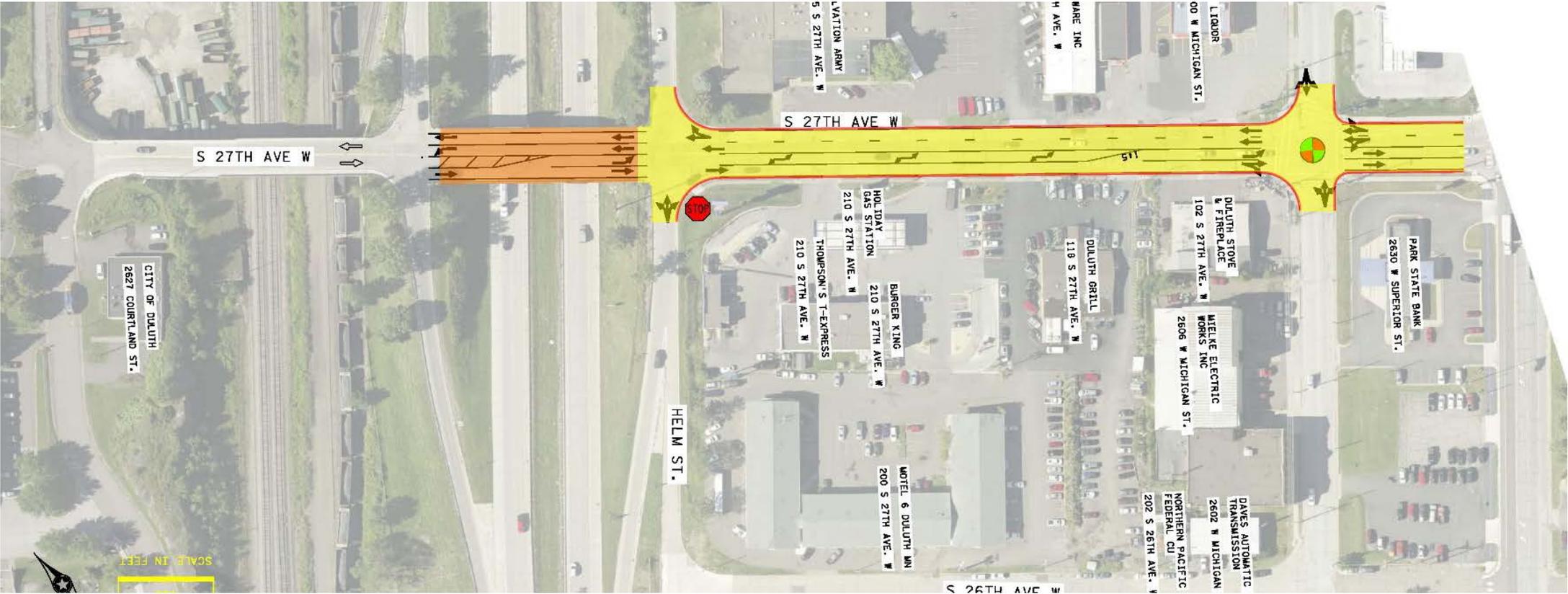
2019 Local Street Improvements



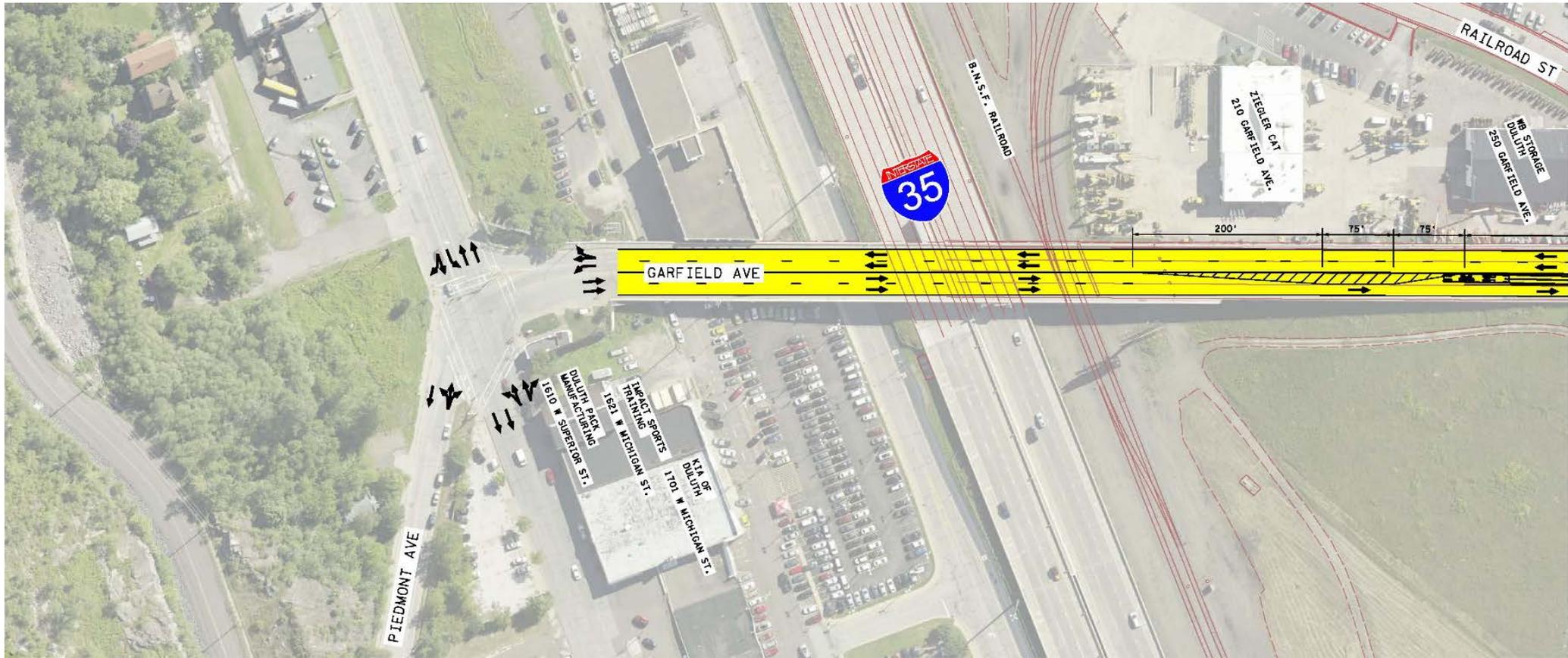
Proposed 2019 Improvements
Twin Ports Interchange Reconstruction Project
June 13, 2018

- Separate project – not part of the CMGC contract
- April 2019 letting
- Pavement Improvement
 - 27th Avenue West
 - Garfield Avenue
 - Railroad Street
- Railroad and Garfield Intersection
- Mesaba Avenue ramp – added lane
- Coffee Creek Relocation
- Michigan/Superior Street RAB or other intersection improvement

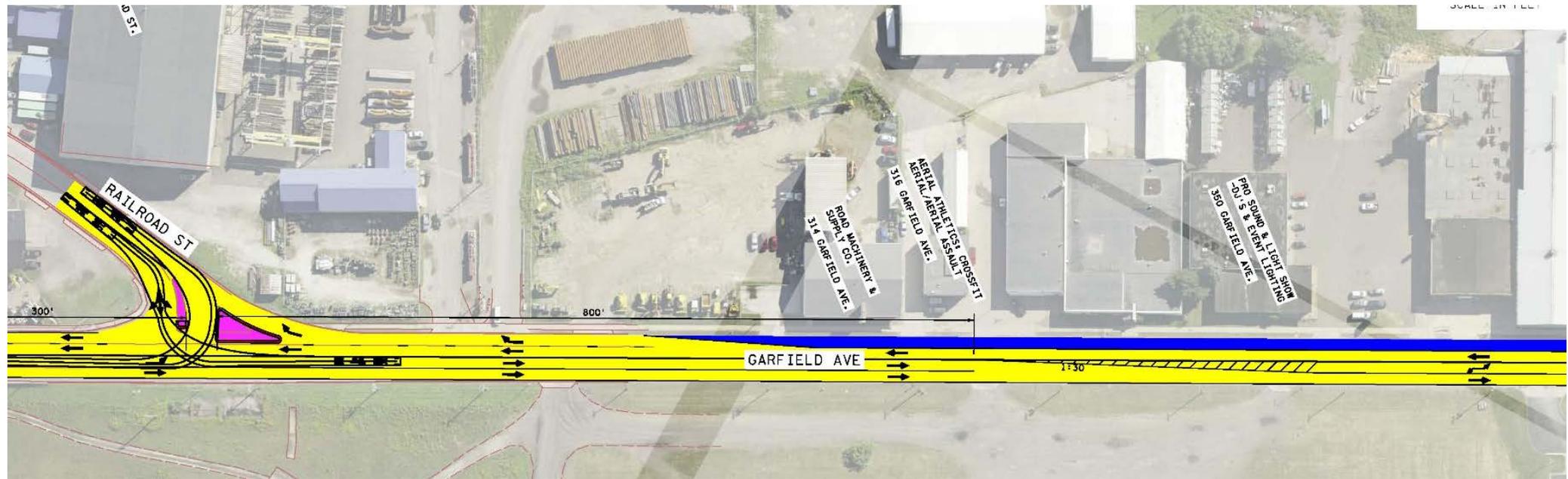
27th Avenue Traffic Mitigation



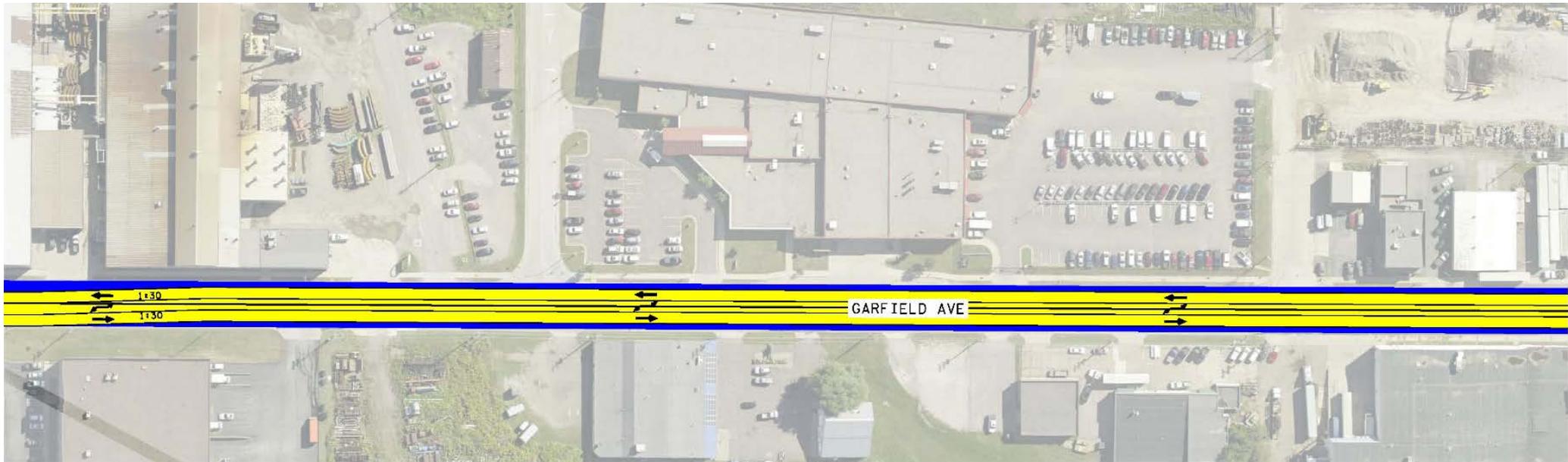
Garfield Avenue Traffic Mitigation



Garfield Avenue Traffic Mitigation – Railroad Street



Garfield Avenue Traffic Mitigation



Coffee Creek Realignment



Project Team

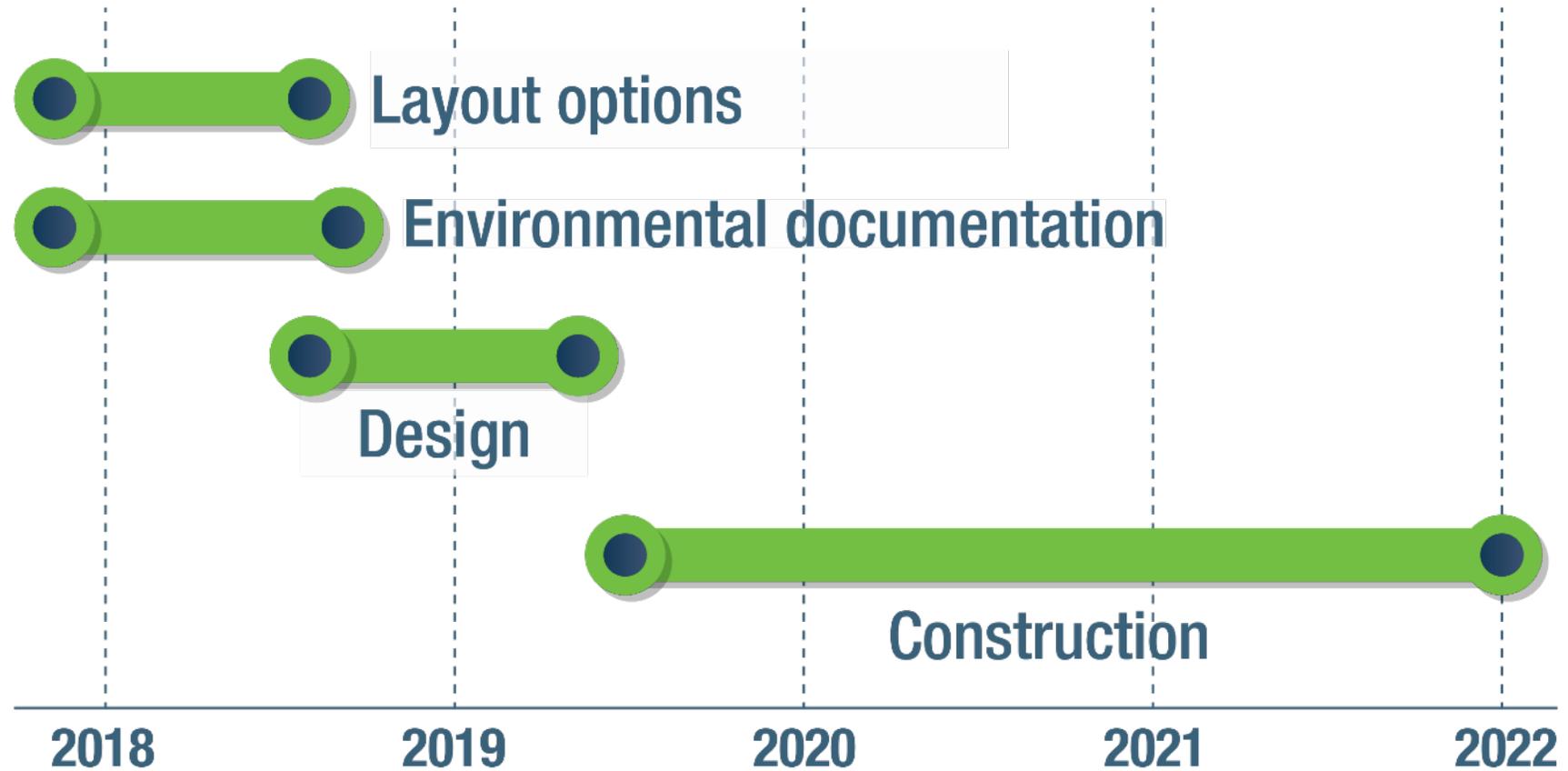
- Construction Manager General Contractor (CMGC)
 - Used on the Hwy 53 Bridge
 - Proposals due July 13
- Preliminary Bridge Designer – Selection in Process
 - Visual Quality Process
 - Images and Renderings/Visualizations/3D Models/Animation
 - Open Houses/Committees
 - Visual Quality Manual for entire project
- Road Designer – advertised in July
- MnDOT TPI Team
- Goal – entire team ready in late September



Current Activities

- Studies for the EAW (Goal is to have it complete in October)
 - Noise
 - Wetlands
 - Cultural Resources (historical architecture, archaeology)
- Right of Way/ Property Surveys
- Drilling – soils and contamination
- Sewer video
- Visits with businesses about construction access (August)

Tentative Project Schedule



Updated Construction Costs

ComponentUpdated Project Cost	Low	High
Concept C	\$108 million	\$126 million
T.H. 53	\$63 million	\$74 million
Miller and Coffee Creek Replacement	\$7.2 million	\$8.3 million
Garfield/I-535 Interchange Replacement	\$27 million	\$32 million
27 th Avenue West Rehab	\$1.6 million	\$1.9 million
Railroad Street Connection (if built)	\$9 million	\$10 million
Total	\$216 million	\$252 million

Next Public Meeting

- Monday, July 30
 - 11:30-12:30
 - 6:00 – 7:00 pm

Same meeting at both times

Clyde Iron

2920 West Superior Street

- [TPI Project Website](#) or Google Twin Ports Interchange
- Contact :Roberta Dwyer, Project Manager, 218-725-2781 or roberta.dwyer@state.mn.us

TH194 Unweave Superior Street

