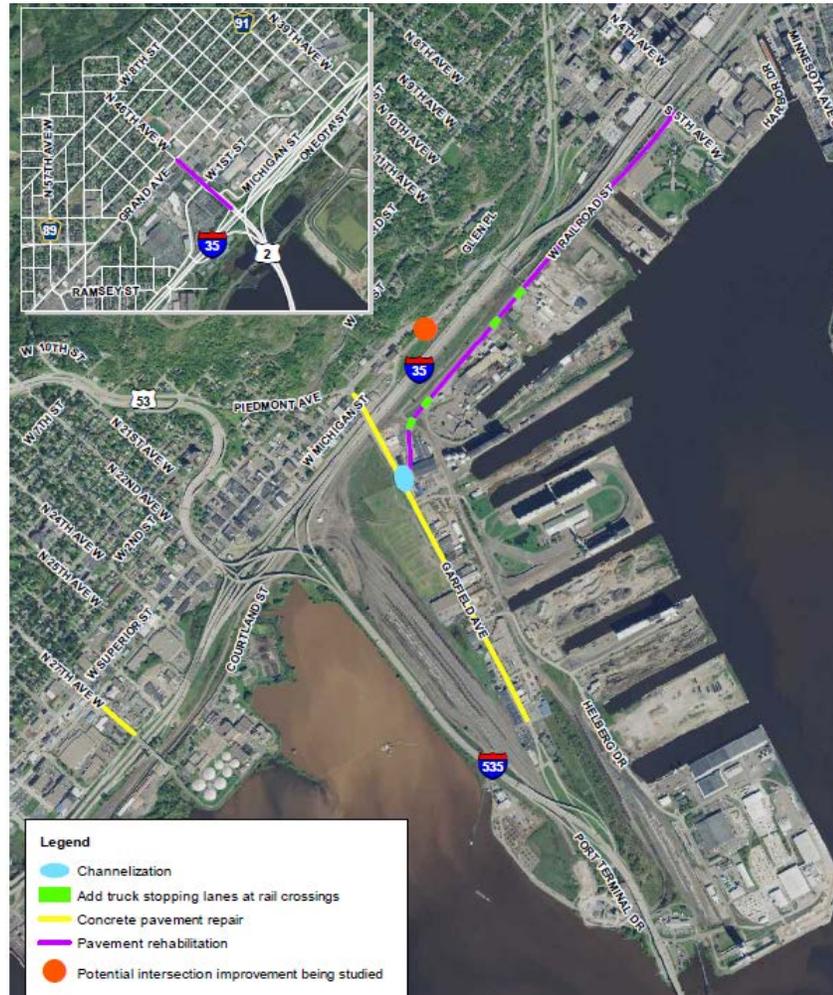




Twin Ports Interchange Reconstruction Project Monthly Update

January 28, 2019

2019 Local Roads Project



- Pavement Rehabilitation
 - 46th Avenue W
 - 27th Avenue W & restriping
 - Garfield Avenue & restriping
 - Railroad Street
- New Rail Crossings by BNSF
 - New Rail crossings at 4 locations
 - One crossing removal

2019 Timing & Traffic Restrictions

- Railroad Crossings on RR Street

- BNSF work in May
- Closure of x-ings 2 at a time for 2-3 days
- Removal of crossing at Pier B

- MnDOT work early June- mid-August

- Garfield Avenue

- Single lane in each direction
- Will accommodate OSOW
- Railroad/Garfield Intersection – July closure
- No turns to /from Railroad to Garfield

- Traffic Restrictions

- Railroad Street paving

- 5 days (Mon-Fri)
- June to Mid-August except Grandma's Marathon or 4th of July weeks

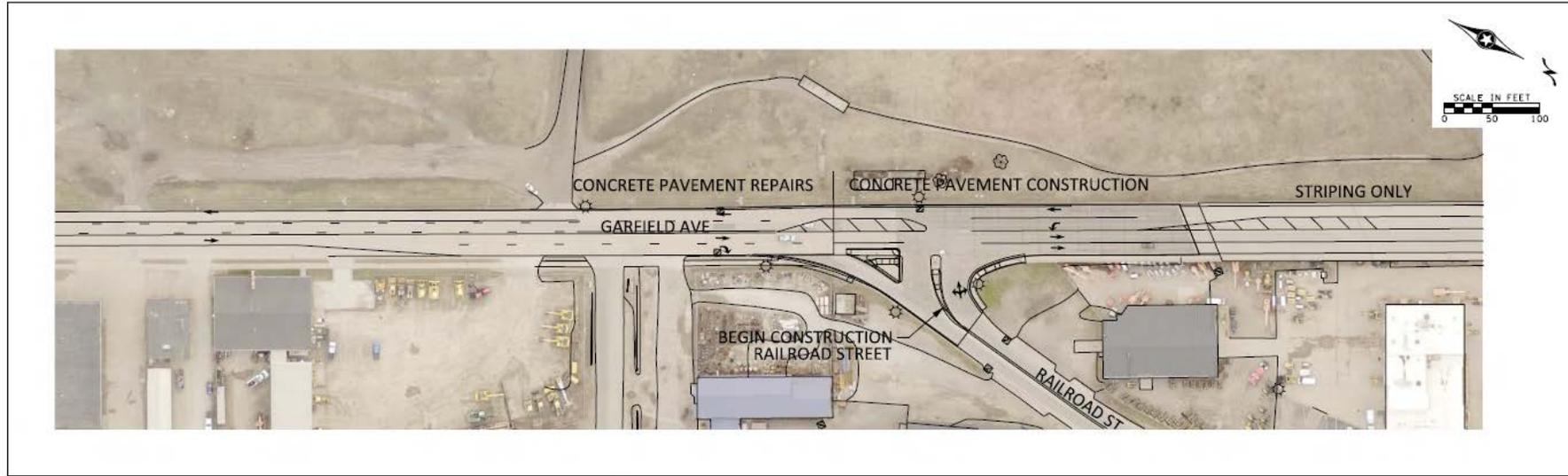
- 27th and 46th Avenues W paving

- 5 days (Mon-Fri)
- Night work

Garfield Ave & Nelson St.



Garfield Avenue



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South 27th Avenue West



2020 Work Locations

Other
- Temporary Fiber and Freeway Cameras
- Mesaba Ave Ramp Improvements

Michigan St & Superior St Intersection



W 1st St & Piedmont Ave

Storm Sewer and Gas Line Relocation

Lift Station Reconstruction (by City of Duluth)

Bridge 69905 Footings and Girders

Track Relocation

Miller/Coffee Creek Replacement

Bridge 69902

I-35 Profile Correction

27th Ave W Bridge Replacement & Crossovers on I-35



2020 Work Package

- Replace the 27th Avenue W Bridge
 - Ramps will remain open
 - No cross traffic
 - Use 40th Avenue West
- Replace the Miller/Coffee Creek Culvert
 - Single lane in each direction on I-35
 - 22nd Avenue West closed for a month
- Profile correction “remove hump” between 27th Avenue W and creek
- Overlay and filling of a dip on old Piedmont for OSOW
- Replace storm sewer and gas line along Lower Michigan Street from Garfield to 19th Avenue W
- Purchase steel girders and construct footings in railyard for bridges
 - NB I-35 to SB I-535
 - NB I-535 to NB I-35

2020 Work Package

- Miscellaneous

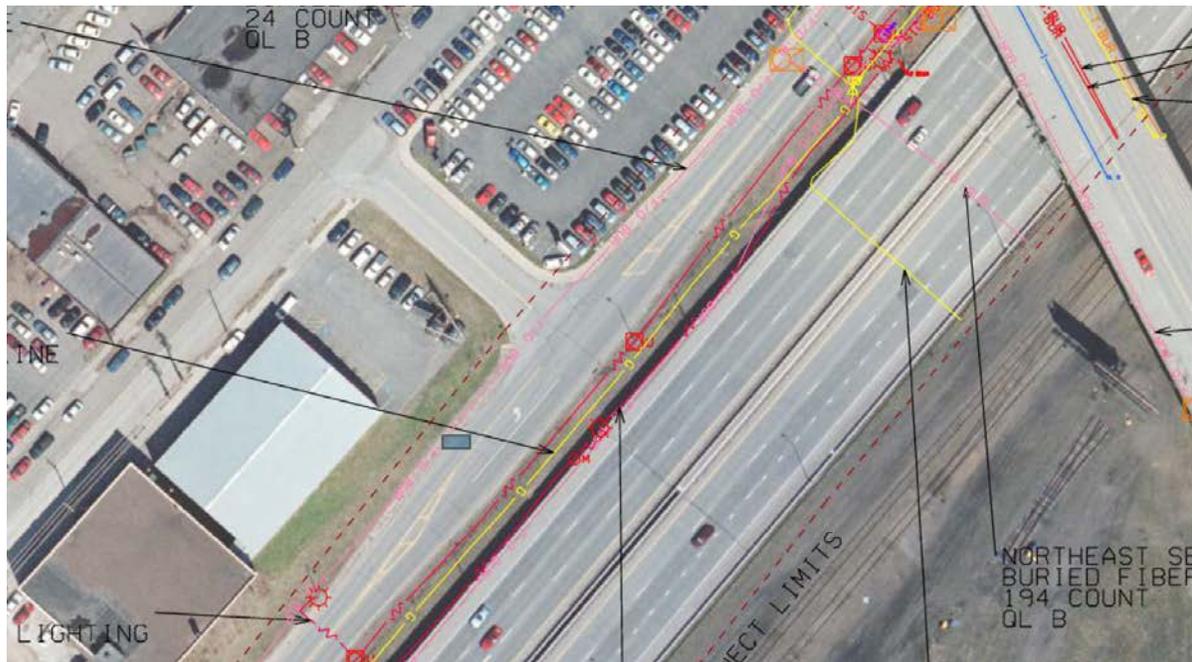
- Construction crossovers on I-35
- Relocate rail in yard
- Mesaba Avenue back up?
- Temporary cameras and fiber
- Upgrade City signals

- City Lift Station Relocation

- Separate work by City
- Will close Lower Michigan for season
- Concurrent with storm sewer work
- Replace utilities at lift station

Utility Relocations

- Sanitary Lift Station at 21st Ave W
- 16" gas line along Michigan Street adjacent to new wall footings
- Gas line from 1969



2020 Traffic Restrictions

- Closures

- I-35 One lane in each direction from Ore Docks Bridges to Garfield Ave
- Ramps (at times)
 - T.H. 53 to SB I-35
 - I-35 to T.H. 53 NB
 - I-35 to SB I-535
 - I-535 to SB I-35
- 27th Avenue West Bridge cross traffic
- Lower Michigan Street from 22nd Avenue W to Garfield

- Open

- I-535
- 27th Avenue West Ramps
- Everything for the winter

- Separate Project

- City of Duluth – Lake Avenue Bridge for Superior St. construction



**Twin Ports
Interchange
Reconstruction
Project**

*Visual
Quality
Advisory
Committee
(VQAC)*



VISUAL QUALITY ADVISORY COMMITTEE VISION

Vision Statement

*The **Twin Ports Interchange Project** will help create a safe and welcoming environment and explore opportunities to celebrate the rich and diverse history, culture, and distinct natural features of the Lincoln Park Neighborhood.*

To achieve this vision, the project will use local materials, implement designs evoking the community character and artisan history, utilize natural colors, and provide opportunities for local public art. Walls, bridges, and railings will reinforce the vernacular of Lincoln Park but while still self-identifying as a unique neighborhood in the City of Duluth.



Twin Ports Interchange Reference Map

AESTHETIC PREFERENCES BRIDGE ABUTMENT AT MICHIGAN STREET



**Twin Ports
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VQAC PREFERRED OPTION



VQAC OPTIONS

All proposed concepts for bridge and wall visual quality are subject to change through the Visual Quality process.



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AESTHETIC PREFERENCES TH 53 BRIDGE PIERS AND CAPS



VQAC PREFERRED OPTION



VQAC OPTIONS

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AESTHETIC PREFERENCES 27TH AVE W GATEWAY BRIDGE



VQAC PREFERRED OPTION

VIEW SOUTHBOUND ON I-35



VQAC OPTIONS

All proposed concepts for bridge and wall visual quality are subject to change through the Visual Quality process.

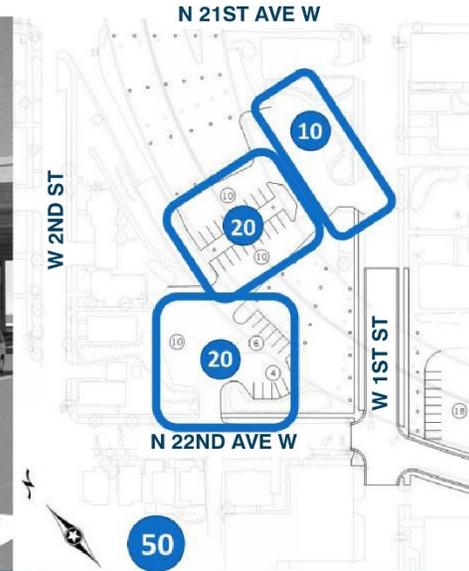


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(VQAC)*



AESTHETIC PREFERENCES BRIDGE VS WALL - N 21ST AVE W AND W 1ST ST



VQAC SELECTED OPTION



VQAC OPTIONS

All proposed concepts for bridge and wall visual quality are subject to change through the Visual Quality process.

- Current Cost is \$342 million
 - Includes contingencies for Risk Items
 - Contaminated Soil and Groundwater
 - Poor soils
 - Rail work
- Revenue
 - \$300 million including the \$20 million BUILD Grant
- Will defer the Garfield Interchange until contingencies reduced
 - Intent is do design and complete.

Upcoming Meetings

- Duluth Boat Sport and Travel Show
 - DECC February 13-16
- Visual Quality Advisory Committee – February 13
- Public Update Meeting – February 25
 - Monday, February 25, 2019
 - Clyde Iron
 - 11:30 -12:30 and 6:00 – 7:00 pm
 - Presentations 11:45 and 6:15
- Next Stakeholder Advisory Group Meeting - February 28 at City Hall

Office Hours

- Ecolibrium 3 Office, 2014 West Superior Street
 - January 29 - 1 p.m. to 3 p.m.
 - February 7 - 4:45 p.m. to 7 p.m.
 - February 12 - 1 p.m. to 3 p.m.
 - February 24 - 4:45 p.m. to 7 p.m.
 - February 26 - 1 p.m. to 3 p.m.
 - March 4 - 4:45 p.m. to 7 p.m.
- No appointment needed, just stop by with questions or comments.

Questions/Comments?

Roberta Dwyer, Project Manager

Roberta.dwyer@state.mn.us 218-348-7457