



Twin Ports Interchange Reconstruction Project

Project Update
April 30, 2018

CHALLENGE:

The infrastructure in this area comprises 3.5% of the bridge infrastructure managed in the entire state. It is in deteriorated condition and hosts some of the highest crash rates in the state, jeopardizing the ability of this economic engine to safely and efficiently conduct business.

BLATNIK BRIDGE TIMELINE:

Environmental Documentation → 2019-2021

Design → 2021-2026

Construction → 2027-2030

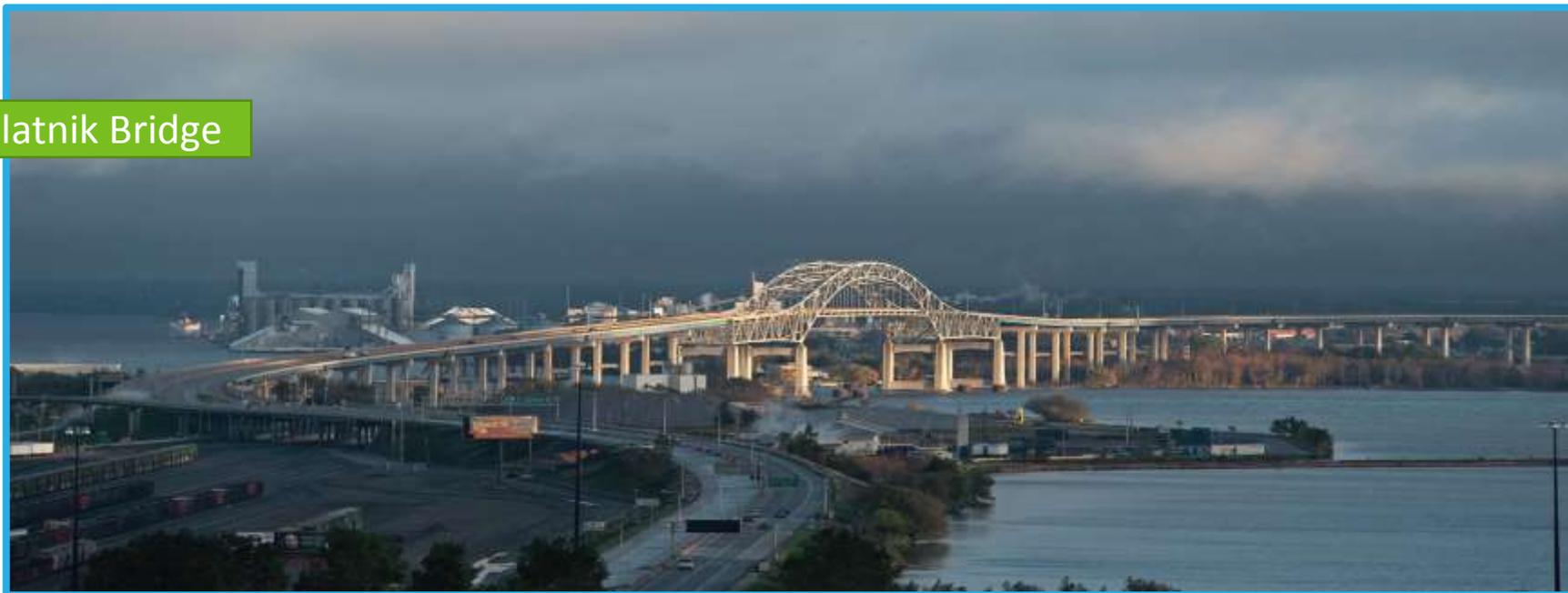
TWIN PORTS INTERCHANGE TIMELINE:

Environmental Documentation → 2017-2018

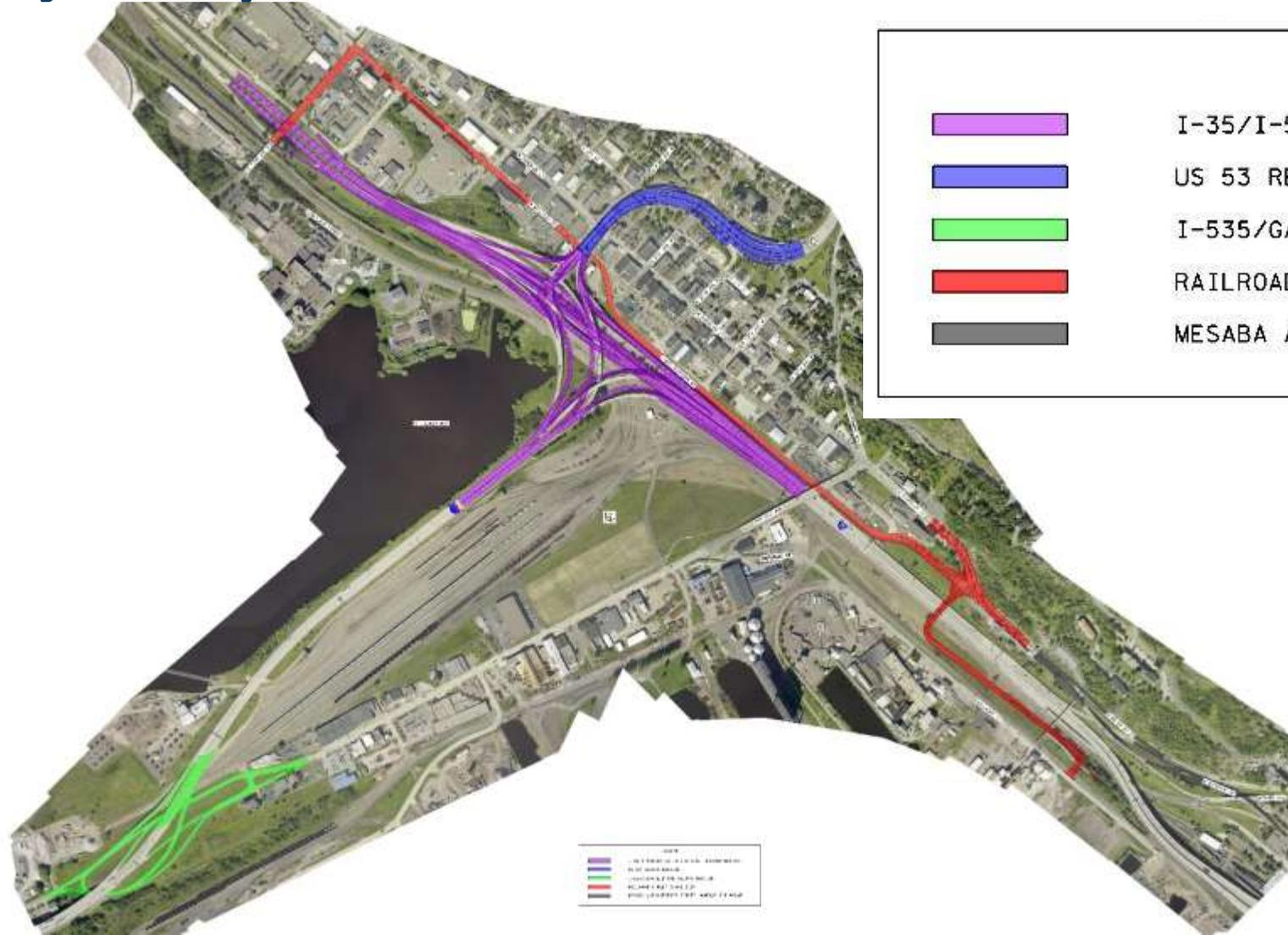
Design → 2018-2020

Construction → 2019-2022

Blatnik Bridge



Project Layout



LEGEND

	I-35/I-535/US 53 INTERCHANGE RECONSTRUCTION
	US 53 RECONSTRUCTION
	I-535/GARFIELD AVE RECONSTRUCTION
	RAILROAD STREET CONNECTION
	MESABA AVE/SUPERIOR STREET UNWEAVE THE WEAVE

North 

Purpose of Project

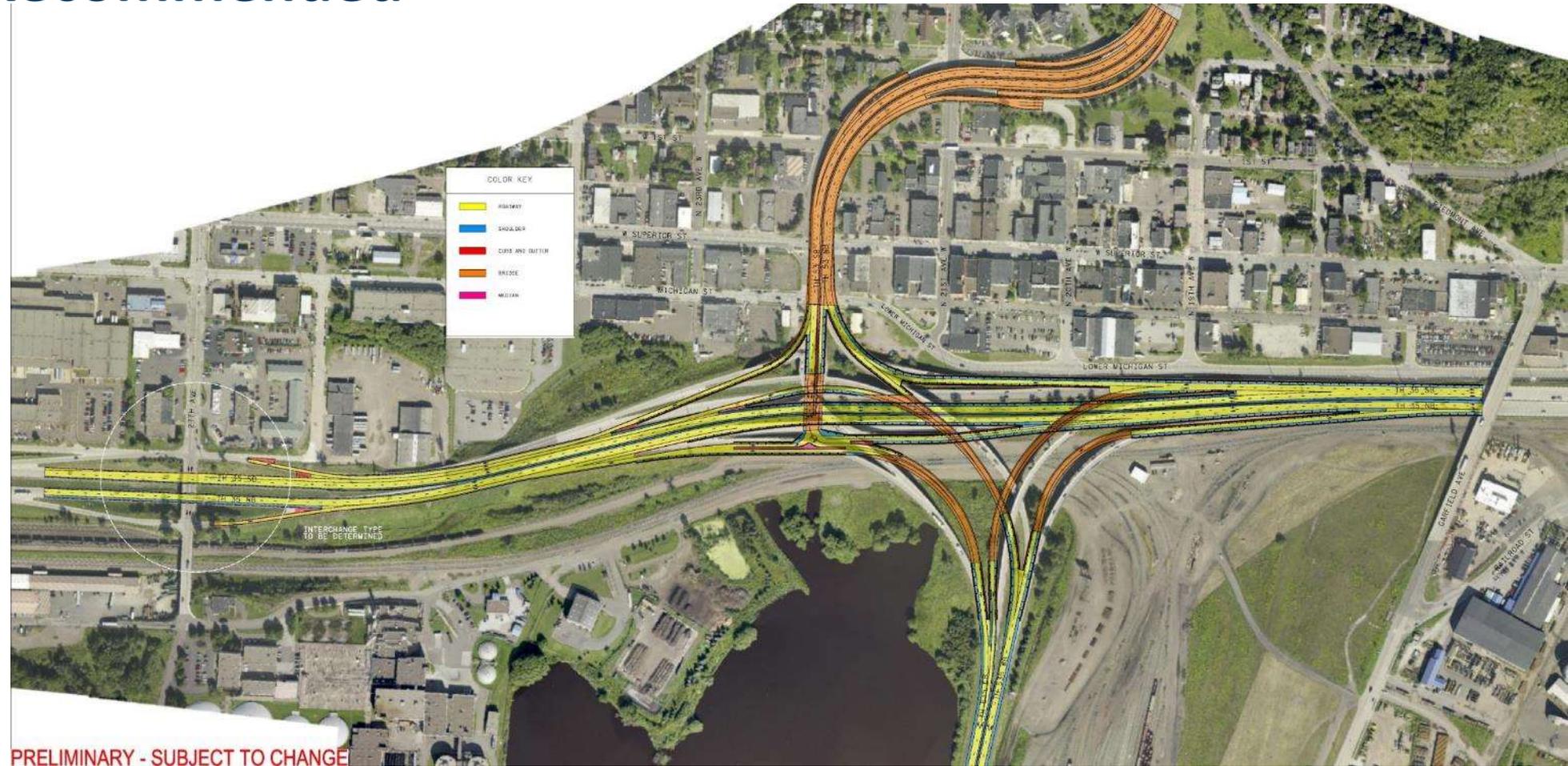
- Enhance safety by eliminating blind merges and left exits
 - Moving left exits to the right
 - Relocating merges
- Replace aging infrastructure
 - Reconstructing weight restricted and non-redundant bridges
 - Reduces maintenance and closures
 - Eliminates some bridge structure
- Improve freight mobility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

Other Potential Benefits

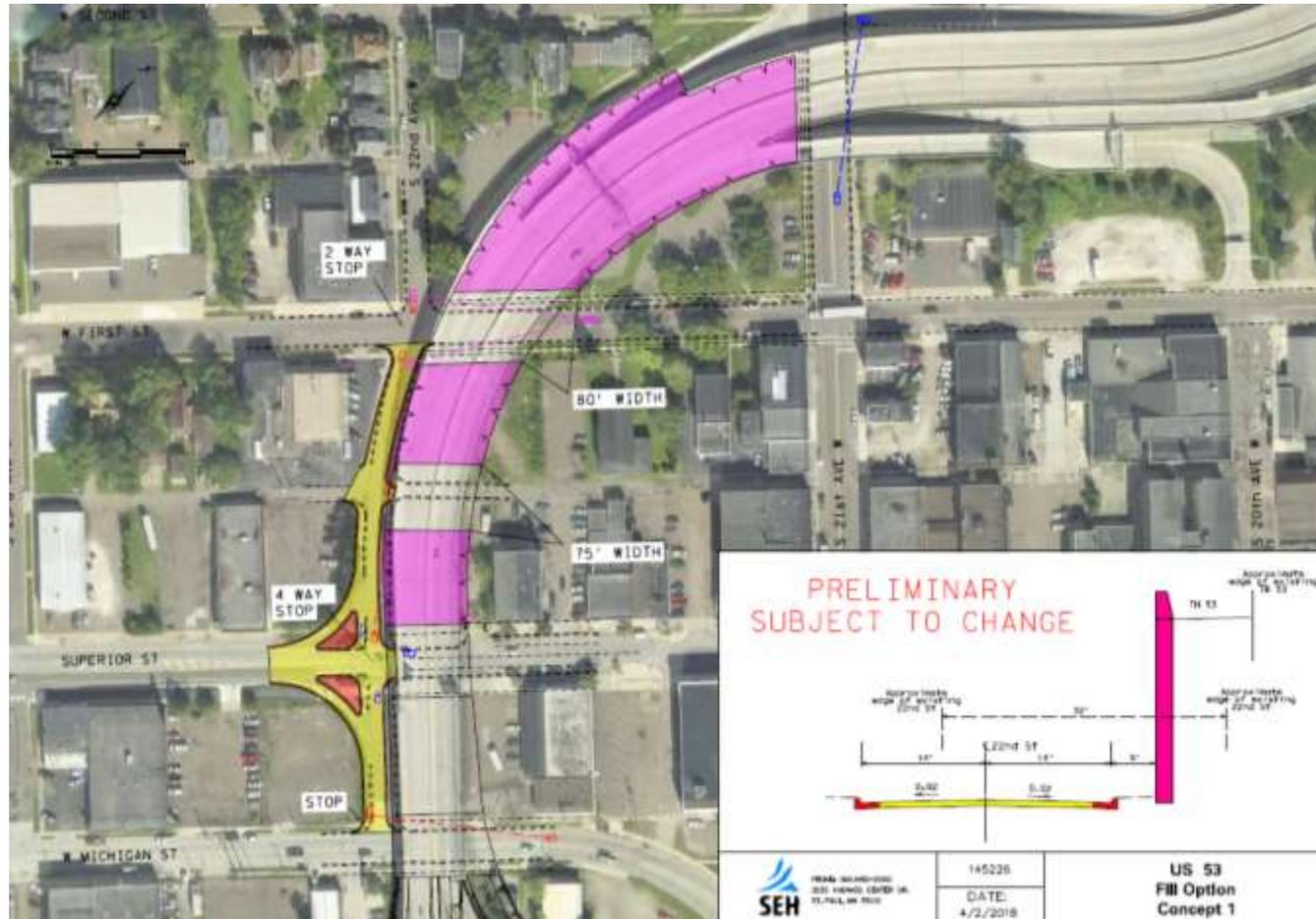
- Improved access to Downtown/Waterfront
- Better bicycle and pedestrian connections
- Safer and more comfortable spaces under the highway
- Opportunity for aesthetic improvements

Concept C – Recommended

- Signal relocated to an expected location
- Maintains all traffic movements
- Minimizes bridge structure



US 53 Fill Option



US 53 Bridge Visualization



Preliminary – Subject to Change

US 53 Bridge Visualization



Preliminary – Subject to Change

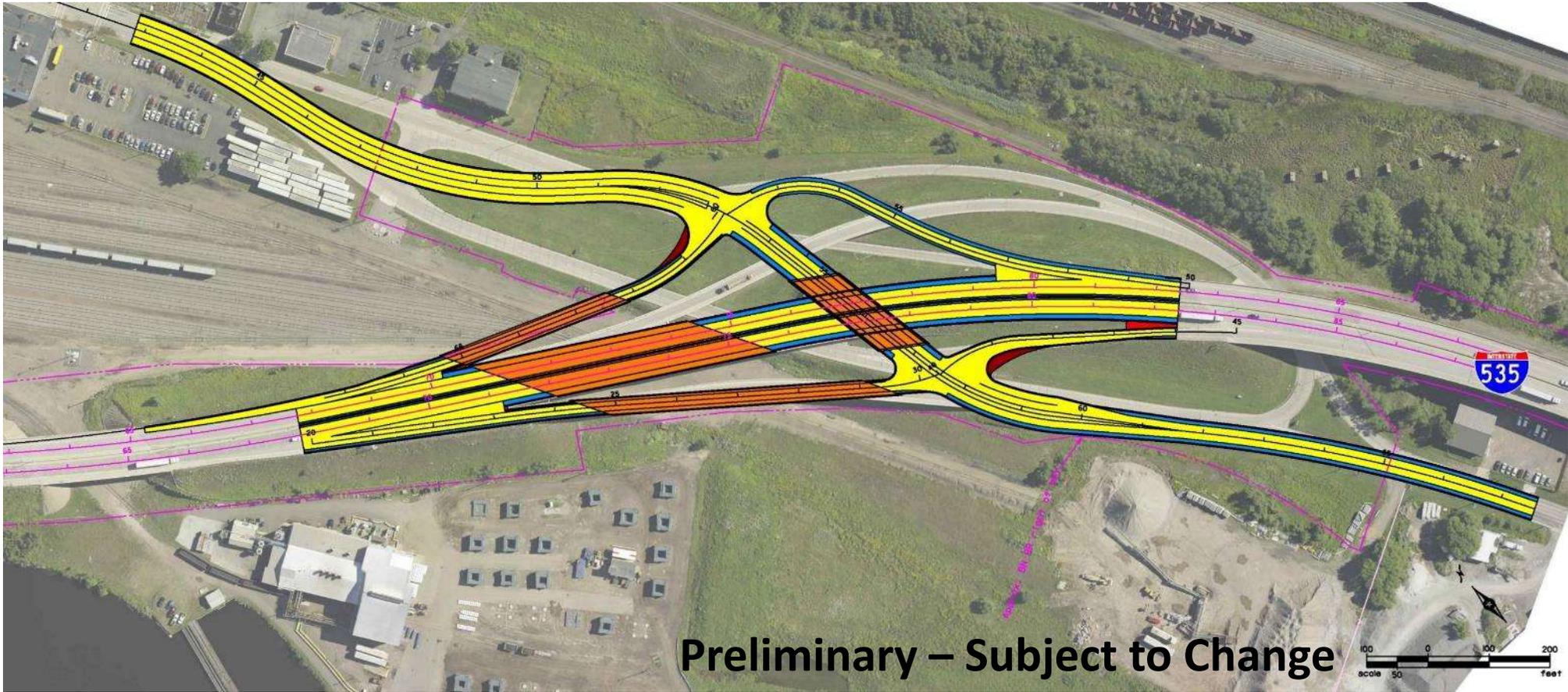
Project Map – I-535/Garfield Interchange

Goals

- Reduced footprint
- Remove sharp curves
- Standardize interchange
- Possible rehab of existing bridge

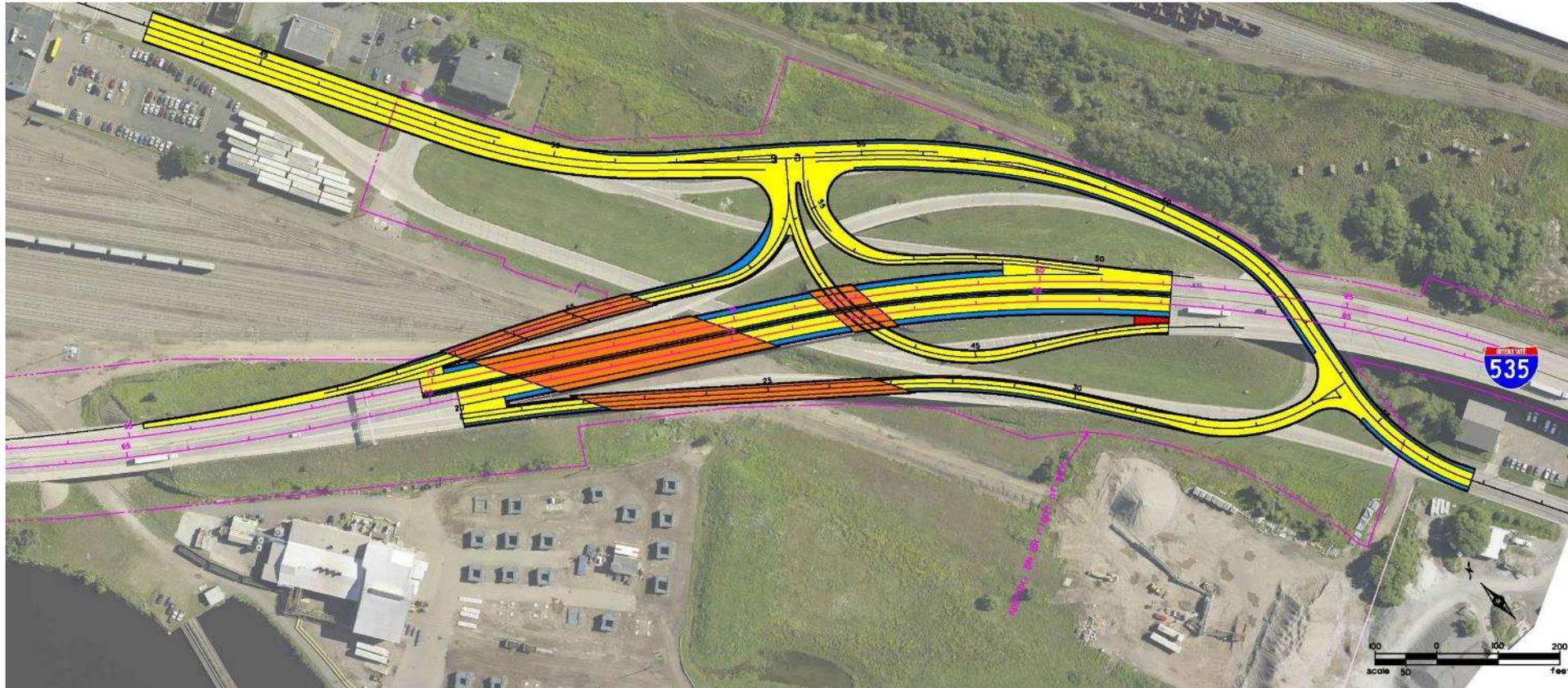


Garfield / I-535 Interchange Concept 1



Preliminary – Subject to Change

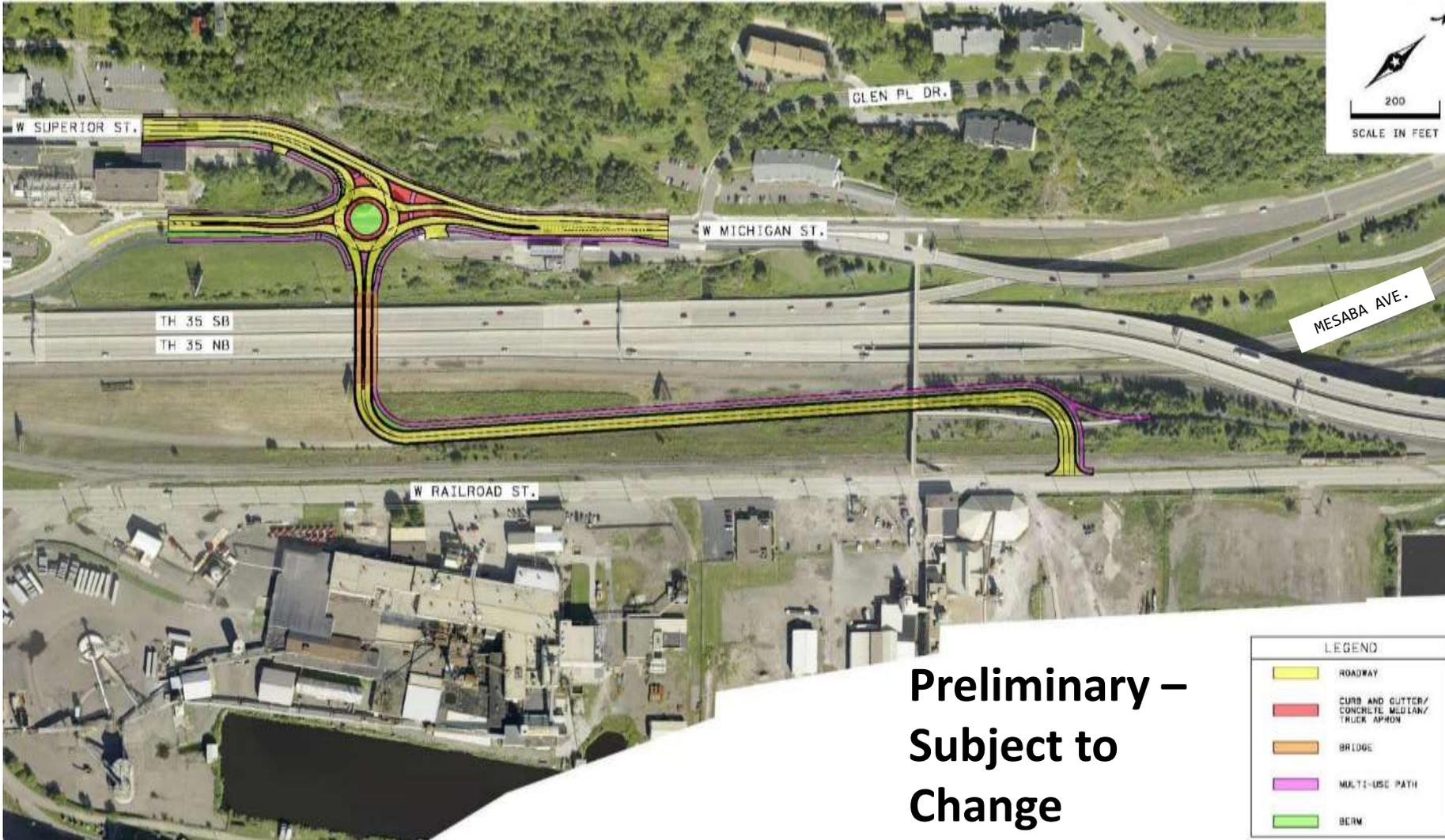
Garfield / I-535 Interchange Concept 2



Railroad Street Connection Option 1



Railroad Street Connection at Michigan Street



Preliminary –
Subject to
Change

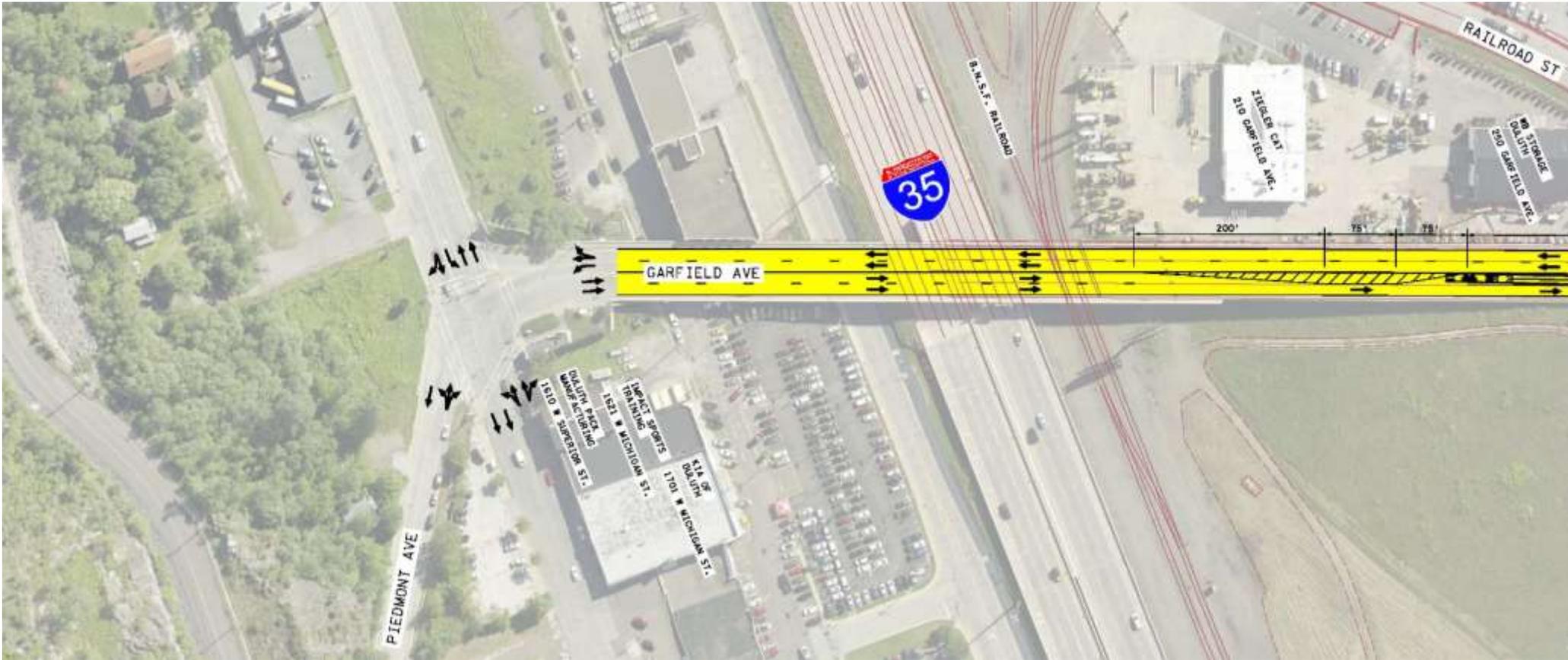
2019 Local Street Improvements



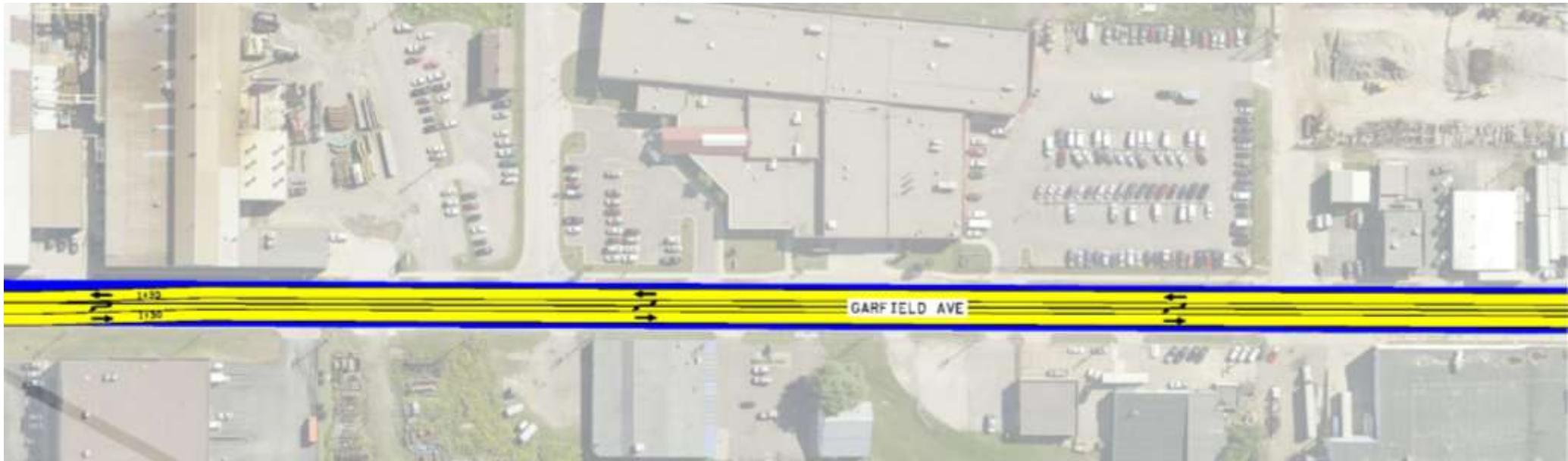
Proposed 2019 Improvements
Twin Ports Interchange Reconstruction Project
April 4, 2018

- Pavement Improvement
 - 27th Avenue West
 - Garfield Avenue
 - Railroad Street
- Railroad and Garfield Intersection
- Mesaba Avenue ramp – added lane
- Coffee Creek Relocation

Garfield Avenue Traffic Mitigation



Garfield Avenue Traffic Mitigation

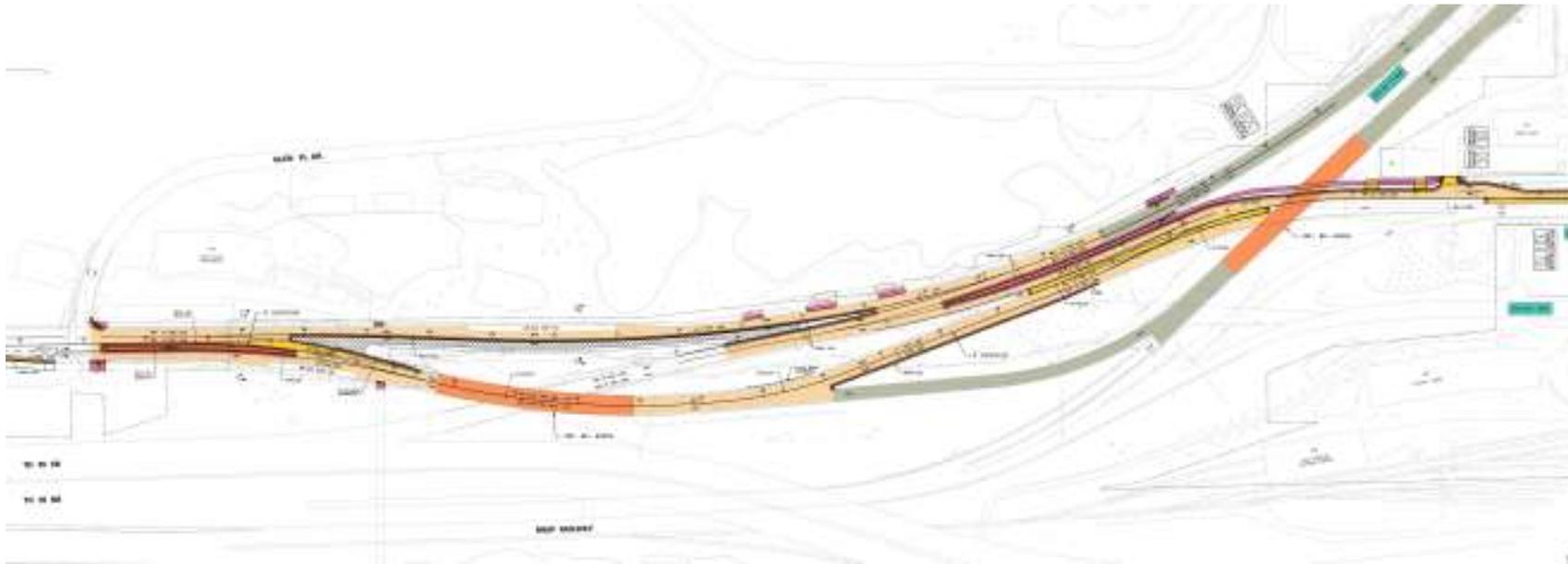


Mesaba Avenue Ramp Additional Lane



Mesaba Avenue Improvements

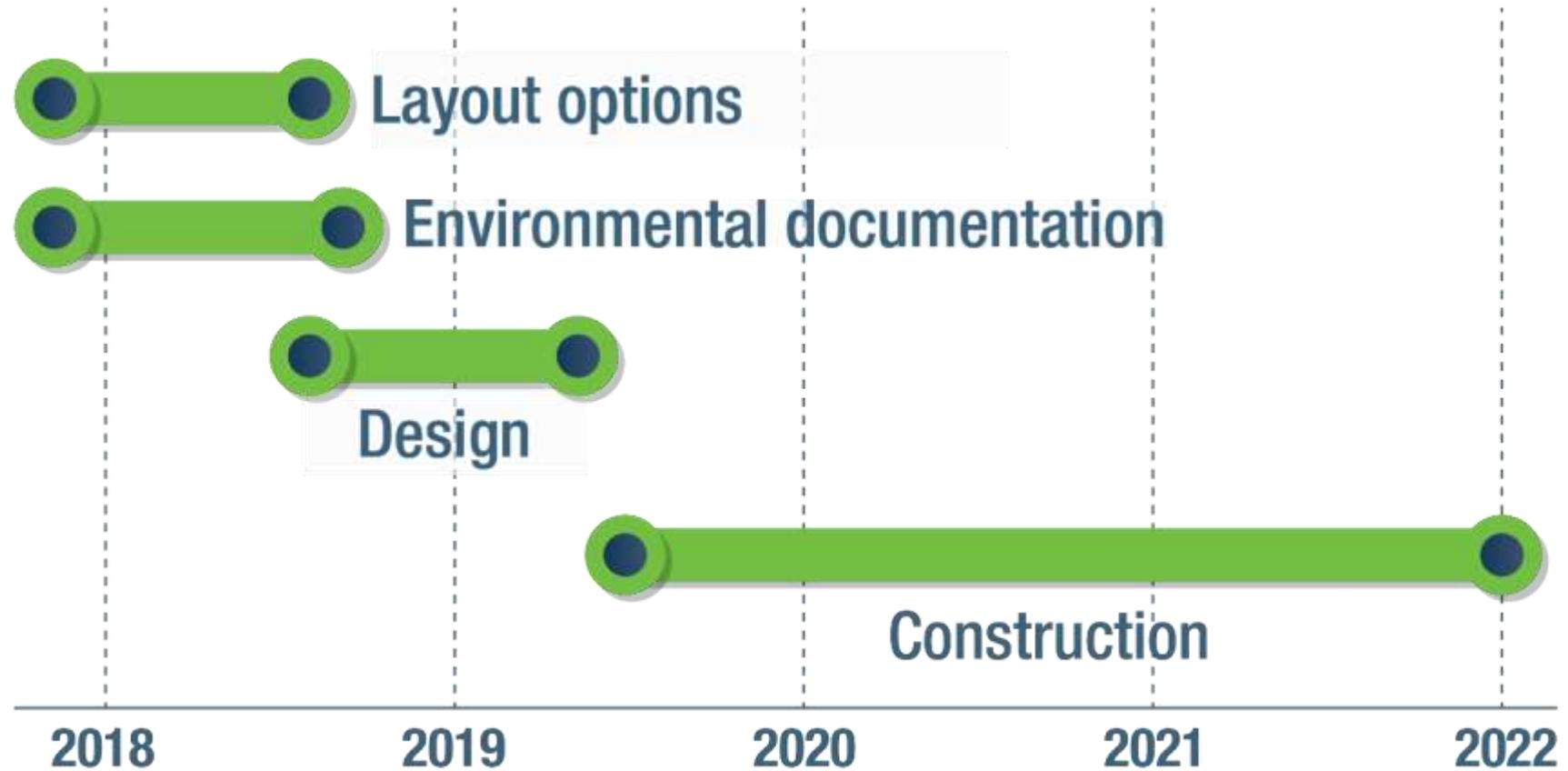
- Planned for construction in 2018



Updated Costs

Component	Cost (in millions0	Comment
Concept C	\$126	
Miller and Coffee Creeks	\$11.5	Relocation and Bridge
27 th Avenue West Rehab	\$1.9	
Hwy 53	\$63.0	Fill and bridge
Garfield Replacement	\$27.2	
Railroad Street Connector	\$10.1	
Engineering	\$38.3	
Railroad Flagging	\$1.4	
TOTAL	\$279.4	

Tentative Project Schedule



Next Public Meeting

- Monday, June 25
 - 11:30-12:30
 - 6:00 – 7:00 pm

Same meeting at both times

Location TBD