

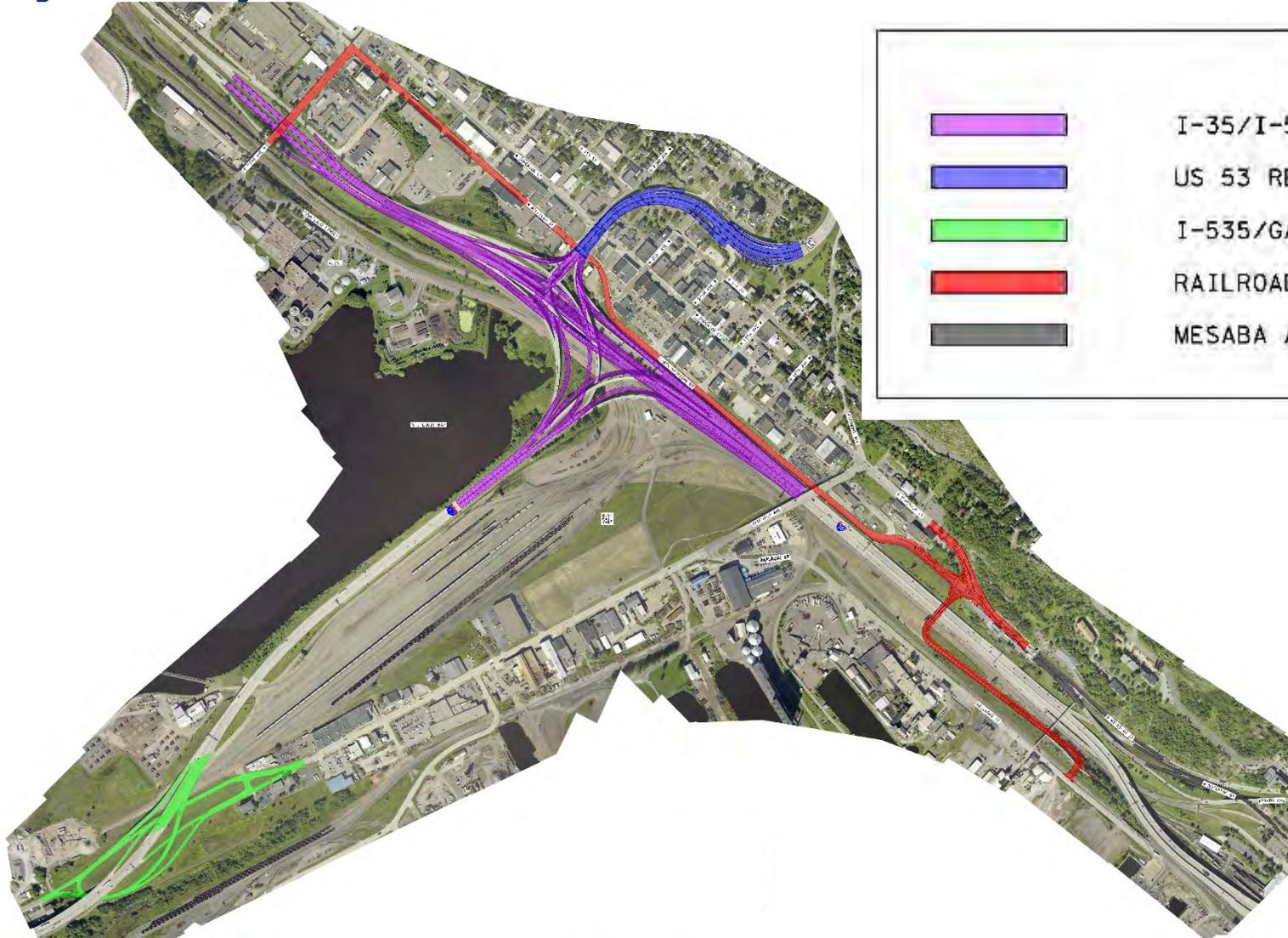


# Twin Ports Interchange Reconstruction Project

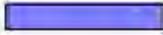
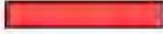
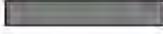
Monthly Update Meeting

March 26, 2018

# 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 

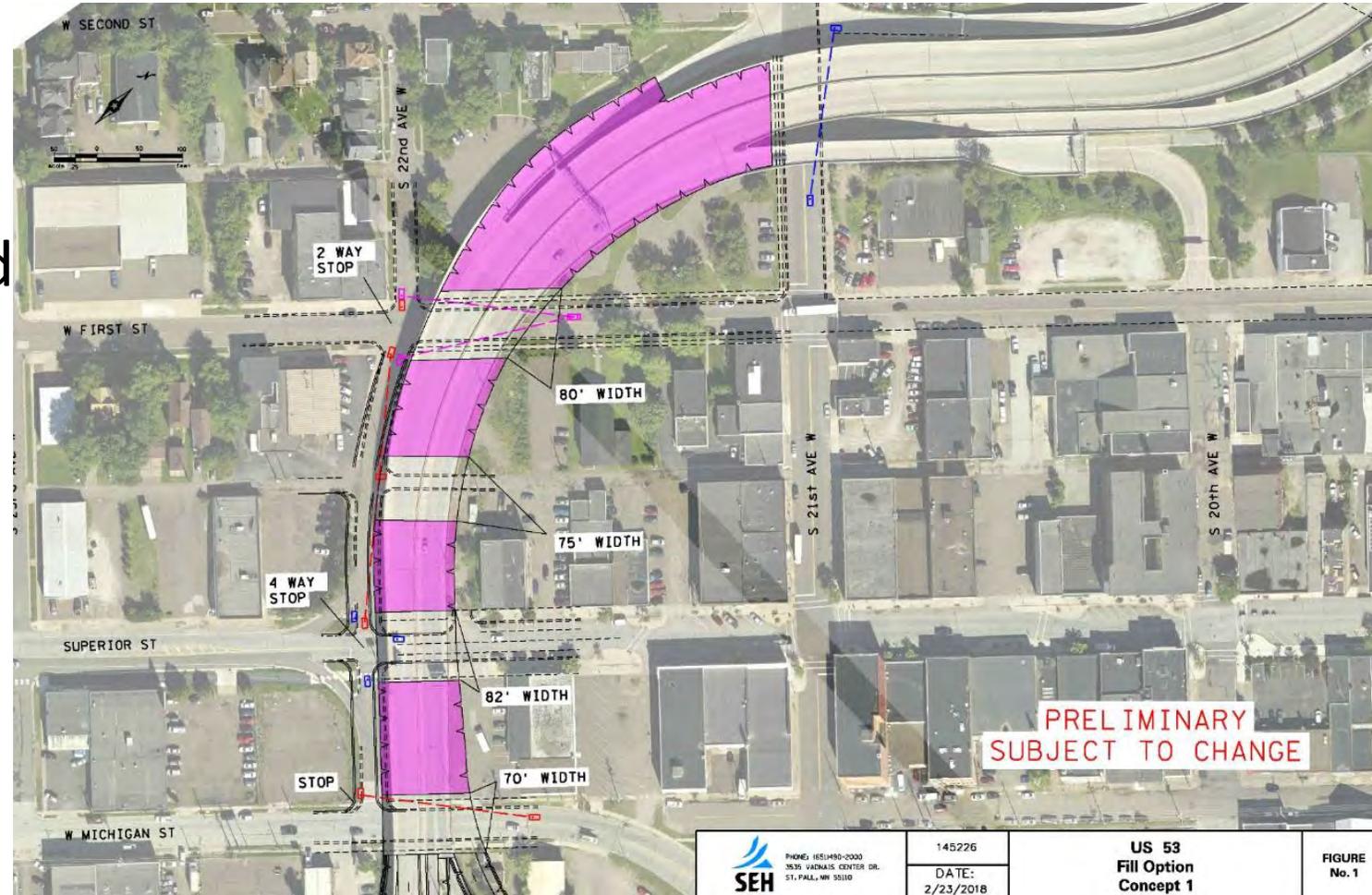
# Concept C – Recommended

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



# US 53 Fill Option

- Need for alley opening?
- No fill between Superior and Michigan Street
- Parking Issues?
- Other areas?



# US 53 Bridge Visualization



**Preliminary – Subject to Change**

# US 53 Bridge Visualization



**Preliminary – Subject to Change**

# US 53 Bridge Visualization



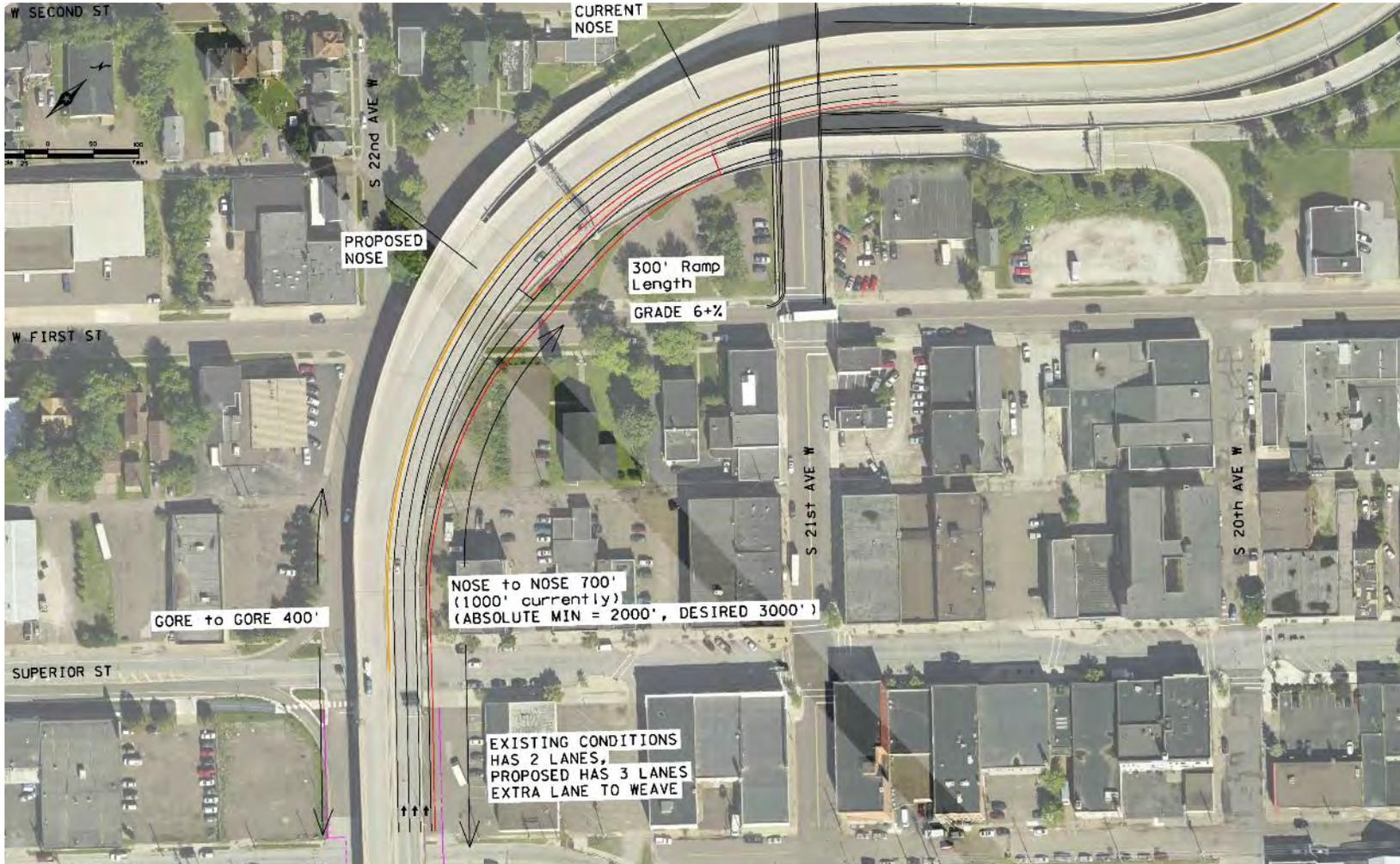
**Preliminary – Subject to Change**

# US 53 Bridge Visualization



**Preliminary – Subject to Change**

# US 53 Ramp to 21<sup>st</sup> Ave



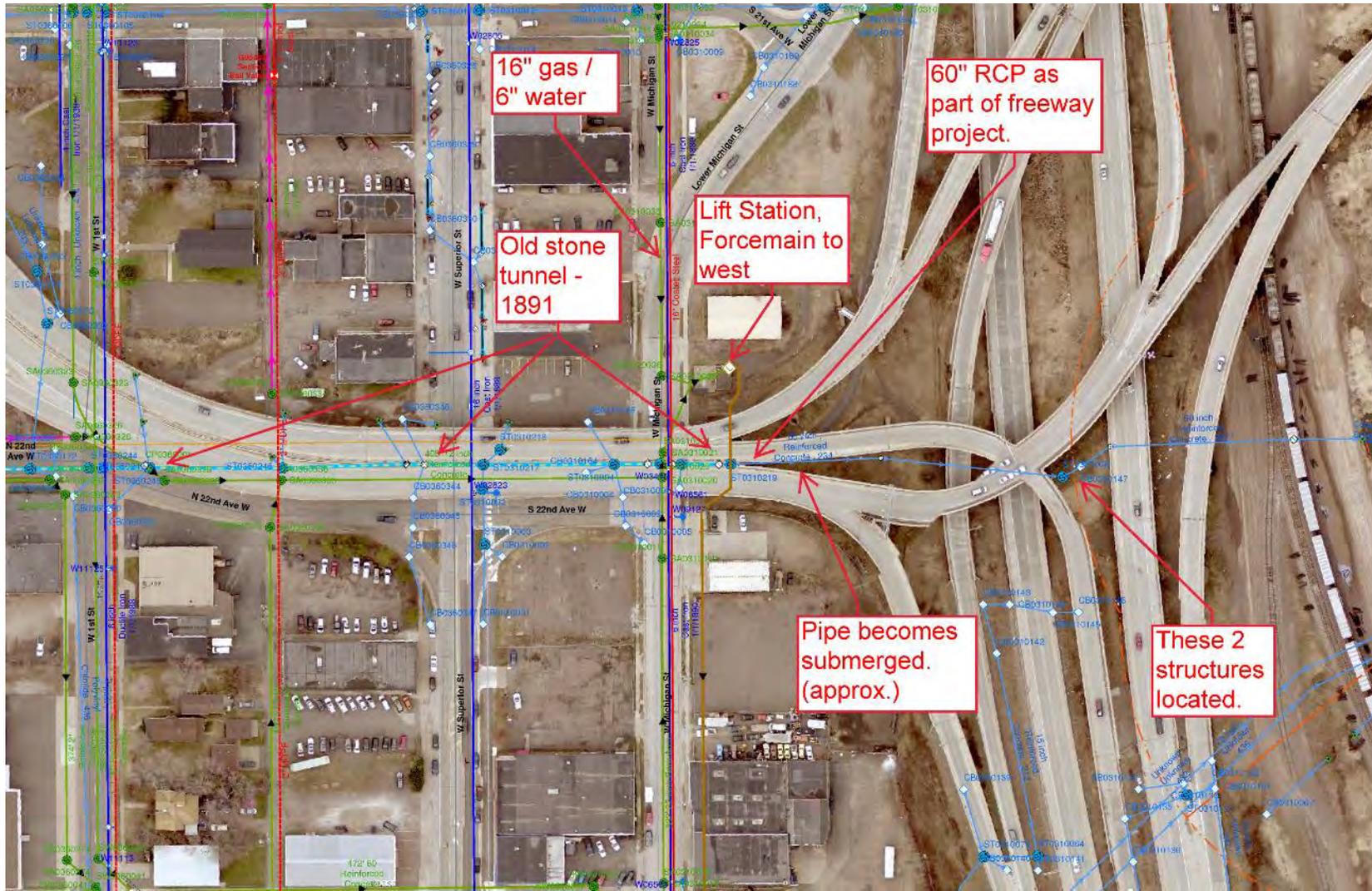

 PHONE: 651-990-2000  
 3535 VADENAIS CENTER DR.  
 ST. PAUL, MN 55110

145226  
 DATE:  
 02/21/18

**US 53**  
**RAMP to 21st AVE**  
**Concept 1**

**FIGURE**  
**No. 2**

# Coffee Creek (Trout Stream) and Tunnel



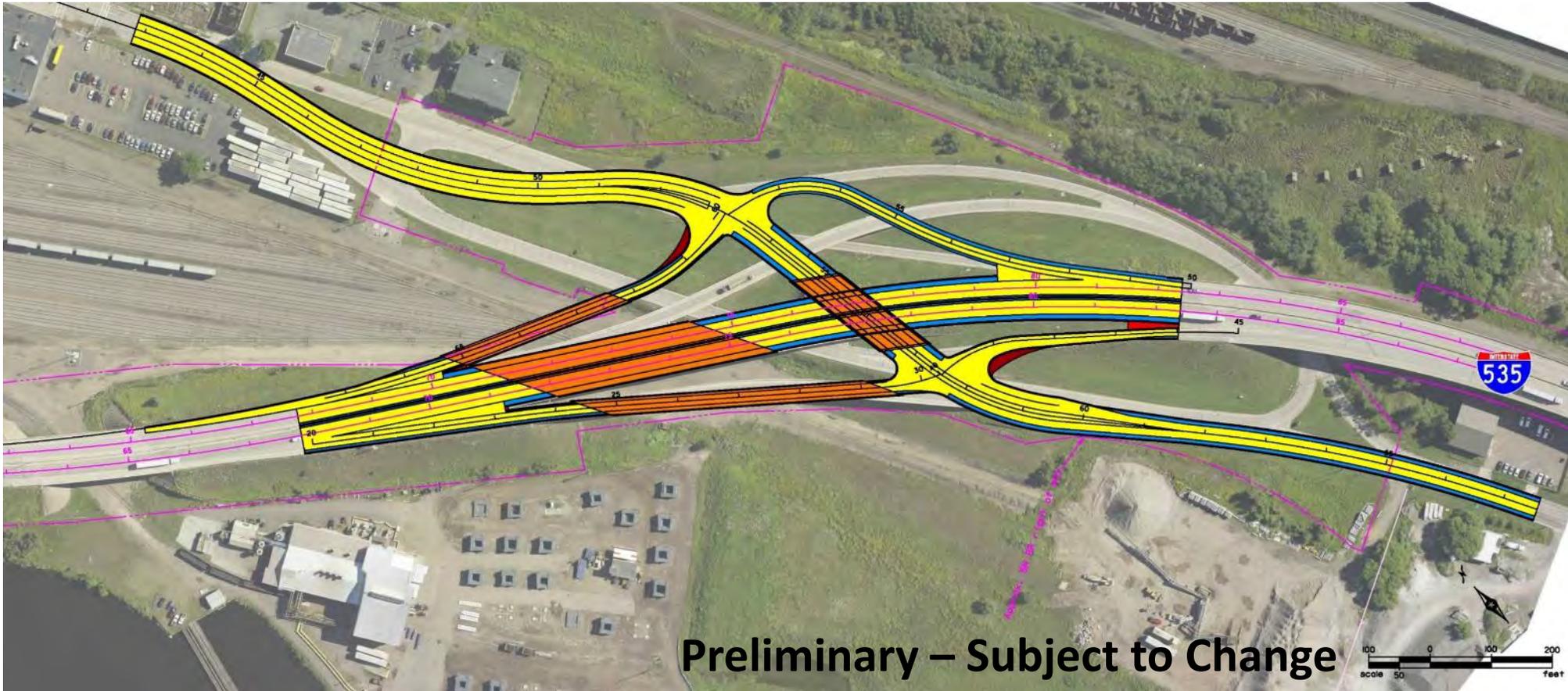
# Project Map – I-535/Garfield Interchange

## Goals

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

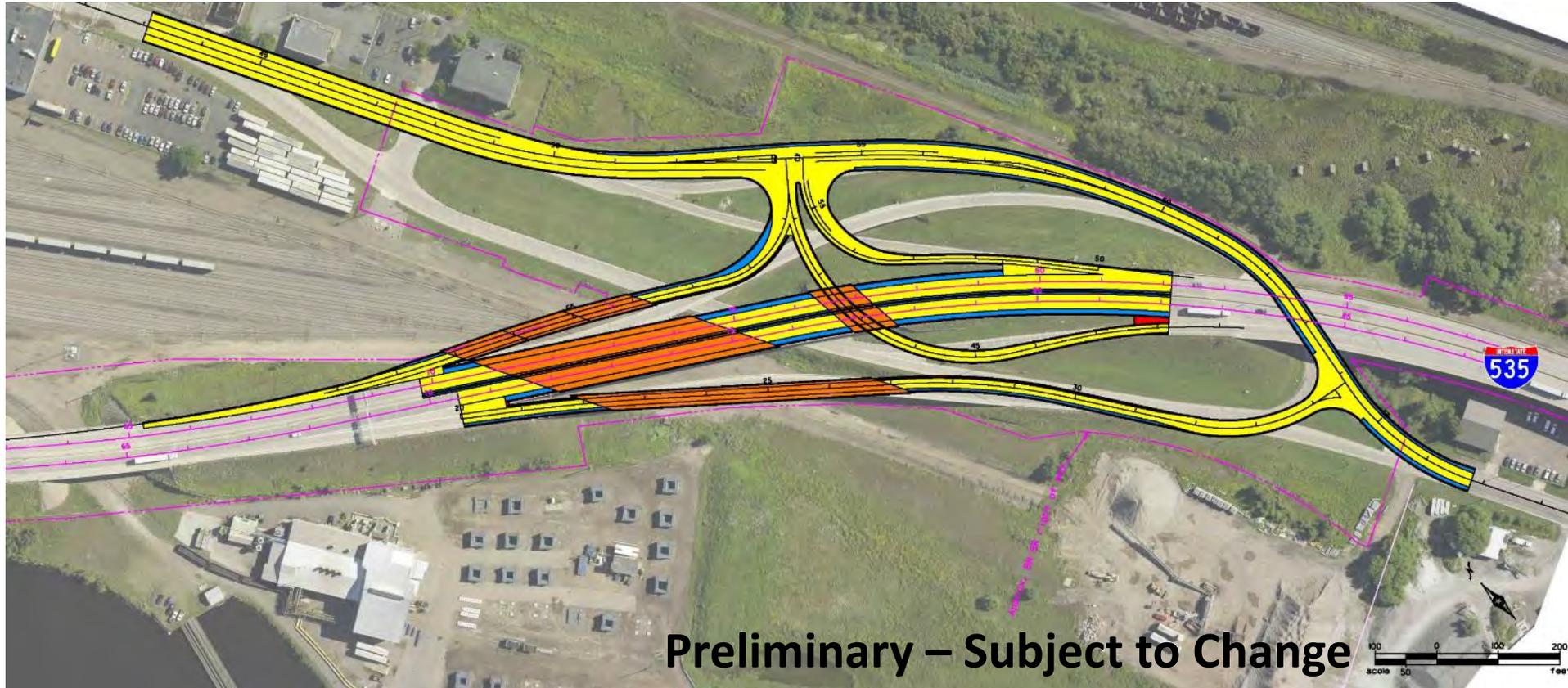


# Garfield / I-535 Interchange Concept 1



Preliminary – Subject to Change

# Garfield / I-535 Interchange Concept 2

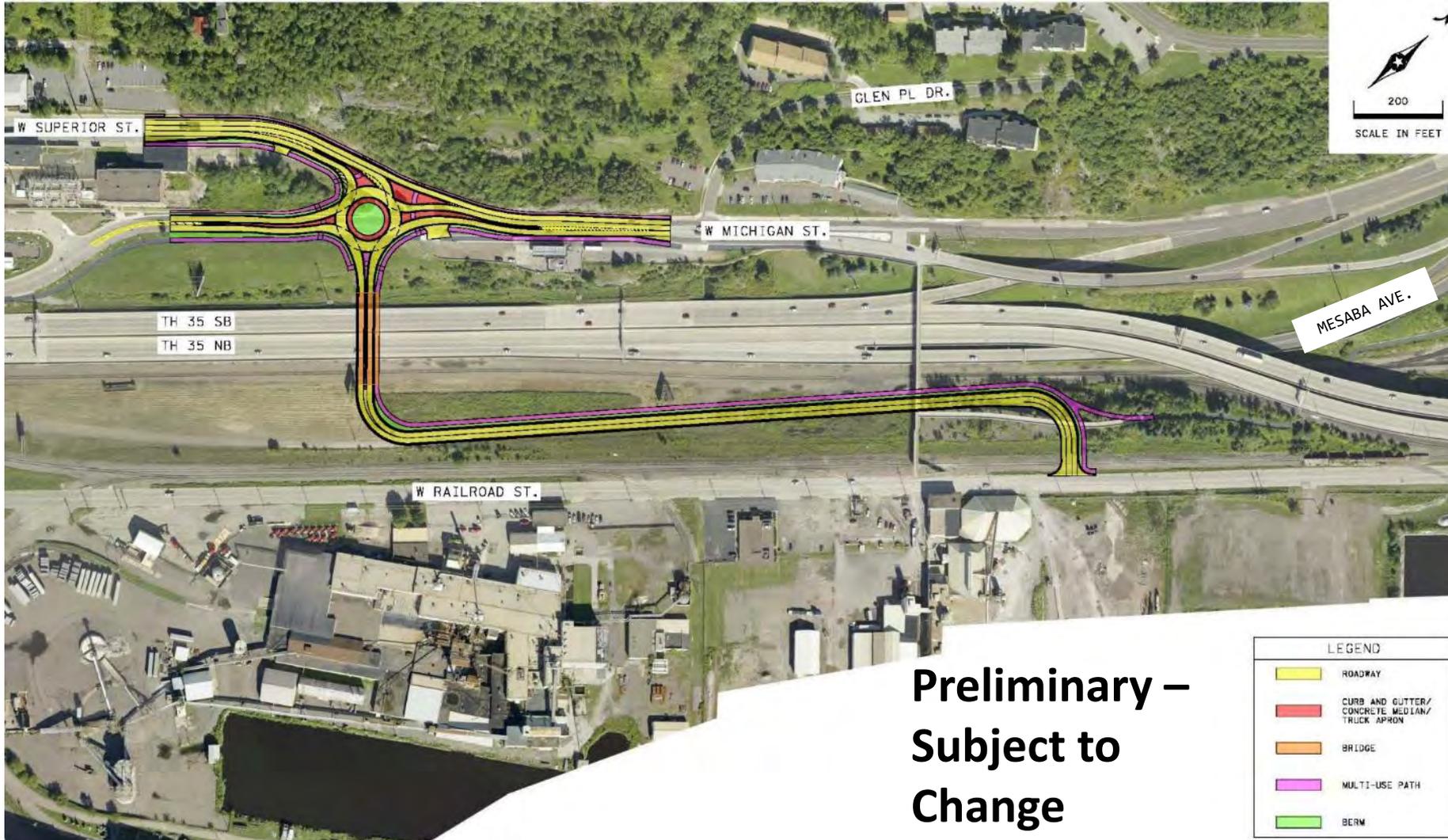


Preliminary – Subject to Change

# Railroad Street Connection Option 1



# Railroad Street Connection at Michigan Street-Option 1



Preliminary –  
Subject to  
Change

# Rendering of Bend Tec Bridge for Lakeshore Drive in Chicago



# Railroad Street Option 2



# Railroad Street Option 3



# Mesaba Avenue Improvements

- Planned for construction in 2018



# Mesaba Avenue Ramp Additional Lane



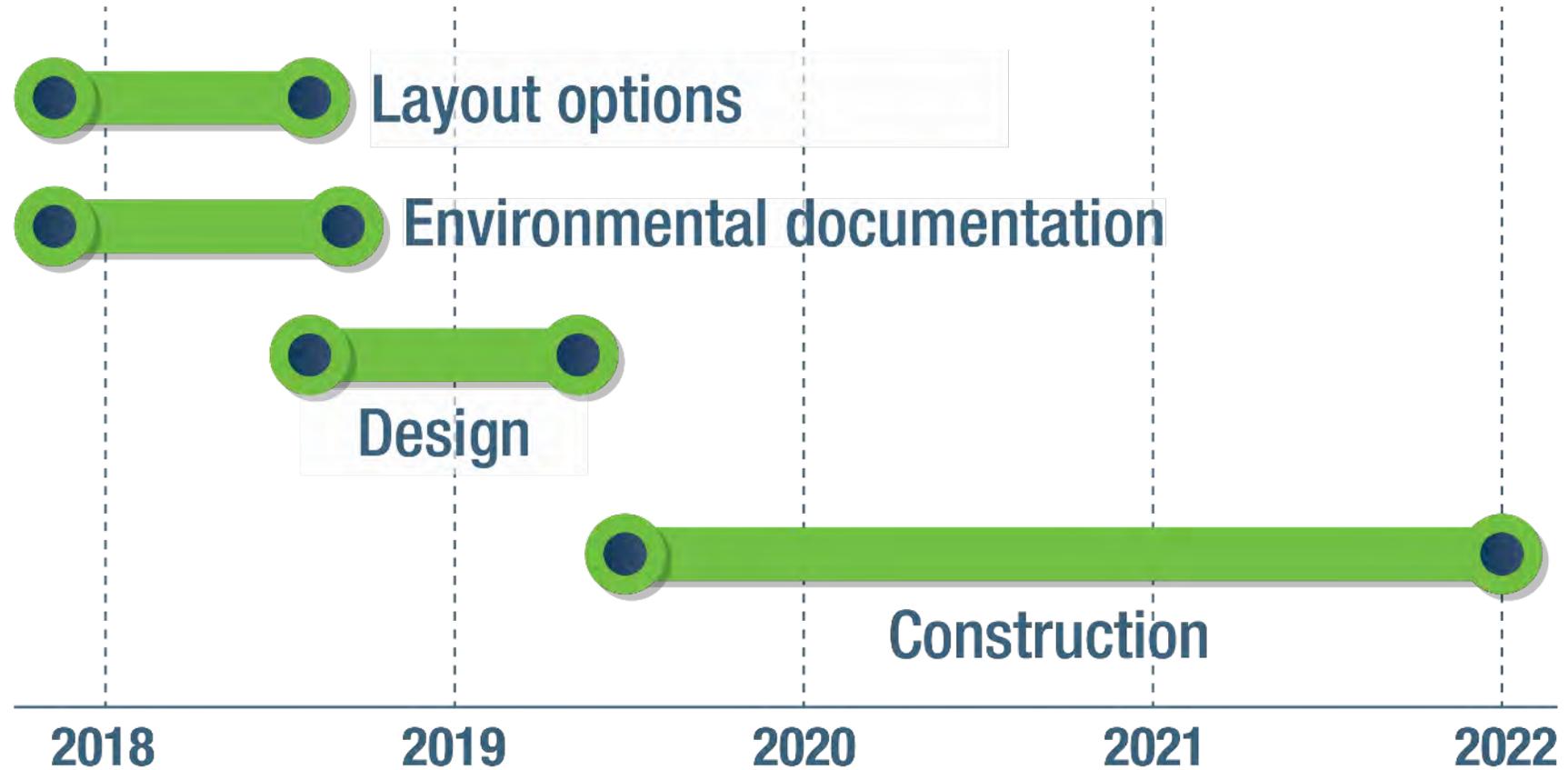
# One-Way Pair Option for Temporary Traffic Mitigation



# Temporary Mitigation Options

- One way pairs
  - Lower Michigan Street EB
  - Superior Street or First Street WB
- Railroad Street and Garfield Avenue turn lanes
- Paving of Railroad Street
- Truck stopping lanes at rail crossings on Railroad Street
- Signalizing 27<sup>th</sup> Avenue West ramps
- Turn lane on 27<sup>th</sup> Avenue West
- Mesaba Avenue ramp – additional lane
- Others

# Tentative Project Schedule



# High Level Estimate Range

Project Component	Low (millions)	High (millions)
TPI Interchange	\$140	\$165
US 53 Bridges	\$60	\$75
Garfield/I-535 Interchange	\$30	\$40
27 <sup>th</sup> Avenue W Bridge	\$3	\$5
Railroad Street Connection	\$7	\$15
<b>TOTAL</b>	<b>\$240</b>	<b>\$300</b>

## Next Meeting

- Monday, April 30
  - 11:30-12:30
  - 6:00 – 7:00 pm
- How can we disseminate information better?
- What other information can we provide?



Questions/Comments

Thank You!