



## Transportation Committee of the Planning Commission

Monday, November 15, 2021, 4:30 p.m. – 6:00 p.m.

*Remote meeting*

1. Prior Avenue – Jary Lee (Public Works), 30 minutes
2. Eastbound Kellogg Bridge (downtown) – Dag Dejene (Public Works), 40 minutes

NOTE TO COMMITTEE MEMBERS AND MEMBERS OF THE PUBLIC: The chair of the Planning Commission has determined that it is not practical nor prudent for the Planning Commission and its Committees to meet in-person or pursuant to Minnesota Statutes, Section 13D.02. In light of the COVID-19 health pandemic, it is not feasible for any member of Transportation Committee to be present at the regular location, and all members of the Transportation Committee will attend this meeting by telephone or other electronic means. It is also not feasible for members of the public to attend the meeting at its regular location due to the health pandemic and emergency. Accordingly, no meeting will be held in the 13<sup>th</sup> Floor Conference Room in City Hall Annex at 25 W. 4<sup>th</sup> Street in the City of Saint Paul.

Members of the public may monitor this meeting remotely the following ways:

Join on your computer or mobile app (in Microsoft Teams)

[Click here to join the meeting](#)

Or call in (audio only)

612-315-7905, Phone Conference ID: 478 364 111#

Any presentation slides will be posted (as PDFs) to [bit.ly/StPaulTC](https://bit.ly/StPaulTC) prior to the meeting.

*Upcoming Transportation Committee Meetings*

- November 29
- December 13

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*Meetings are open to the public. Additional time may be allocated for comments or further discussion at the discretion of the Chair. Meetings may be cancelled if there is not a quorum expected, or if there are no agenda items. For additional information on the Transportation Committee of the Planning Commission, please visit our website at [bit.ly/StPaulTC](https://bit.ly/StPaulTC) or contact Bill Dermody at [Bill.Dermody@ci.stpaul.mn.us](mailto:Bill.Dermody@ci.stpaul.mn.us) or 651-266-6617.*

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## Transportation Committee Staff Report for Projects

Committee date: 11/15/21

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**Project Name:** 2022 Prior Ave

**Geographic Scope:** From Gilbert Ave to University Ave

**Project Contact:** Jary Lee

**Project Webpage:** <https://www.stpaul.gov/projects/public-works/pw2022prioravenue>

**Project Description:** Pavement and utility improvement on Prior Avenue

**Project Stage & General Timeline:** Spring 2022 to Winter 2022

**Public Hearing Date & Location:** TBD – 1<sup>st</sup> Quarter of 2022

**Cost & Primary Funding Source(s):** MSA

**Transportation Committee Role:**

Inform project scope & approach implementation                       Inform design                       Inform

Make recommendation

**Explanation** Prior Avenue currently consists of two 11' through lanes, 5' bike lanes in both directions, 7' parking lane on NB, 8' parking bays on SB, 7-8' of boulevard on east side and 6' sidewalks. Proposed project will retain all existing facility with an increase in bike lane width to 6' and reduction of boulevard to 6'.

**Attachments include:**

Complete Streets Checklist                       Scoping document                       CIB request  
 Summary of Engineering Recommendations

Staff recommendation	<i>Asking for staff support in increasing existing facility to preferred widths at the cost of reducing sidewalk and boulevard widths.</i>
Action item requested of the Committee	<i>Recommend approval of proposed widening.</i>
Committee recommendation	<i>To be filled in at the meeting</i>
Committee vote	<i>To be filled in at the meeting</i>

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## Transportation Committee Staff Report for Projects

Committee date: November 15, 2021

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**Project Name:** Replacement of Bridge No. 90378 Eastbound Kellogg RiverCentre Bridge Project

**Geographic Scope:** Ward 2, Districts 9 & 17, Kellogg Boulevard (Eastbound) from W. 7<sup>th</sup> Street to Market Street

**Project Contact:** Dag Dejene, P.E. Project Manager, 651-266-5603, [dag.dejene@ci.stpaul.mn.us](mailto:dag.dejene@ci.stpaul.mn.us)

**Project Webpage:** [www.stpaul.gov/eastboundkellogg](http://www.stpaul.gov/eastboundkellogg)

Click on the Preliminary Design tab for an interactive experience.

**Project Description:** Demolition and reconstruction of approximately 1000 ft of Bridge No. 90378 associated approach roadways, Exchange Street Viaduct, retaining walls and RiverCentre loading dock exit road, rehabilitation or replacement of signals at Washington Street and RiverCentre Parking Ramp intersections, soil environmental remediation and cleanup, bluff stabilization.

### **Project Stage & General Timeline:**

October 2021 – 60% design plans completed

January 2022 – 90% design plans

May 2022 – Finals Plans/Specs

**Public Hearing Date & Location:** To occur with project authorization to proceed with bidding and contract. Expected in April 2022.

### **Cost & Primary Funding Source(s):**

Total Estimated Project Cost: \$39M (including construction contract and engineering)

Funding Sources: Federal solicitation grant (\$7M), federal stimulus/earmark funds, State Obligation and/or Bridge Bonds, MSAS, CIB. State and federal sources subject to change.

Design schedule is governed by federal grants authorization deadline of June 2022.

The project must address a \$26M funding gap prior to bidding. City has requested special state legislative funds since 2020 and will pursue stimulus/earmark funding in 2021.

### **Transportation Committee Role:**

Inform project scope & approach  
implementation

Inform design

Inform

Make recommendation

## Explanation

### Attachments include:

- Complete Streets Checklist
- Scoping document
- CIB request
- Summary of Engineering Recommendations
- Other attachments (Bridge layout, PPT presentation, 3D Staging Plan, Detour Information)

Staff recommendation	Approval of 60% plan design for advancement
Action item requested of the Committee	Seeking recommendation on 60% plans. Proposed design defines final geometrics and functionality of the bridge system prior to advancing to 90% plan completion.
Committee recommendation	<i>To be filled in at the meeting</i>
Committee vote	<i>To be filled in at the meeting</i>



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CITY OF SAINT PAUL

# Replacement of Eastbound Kellogg RiverCentre Bridge



# Am I on a bridge?

City of Saint Paul



- Downtown bridges blend well with City streetscape



# State of the Bridge

City of Saint Paul

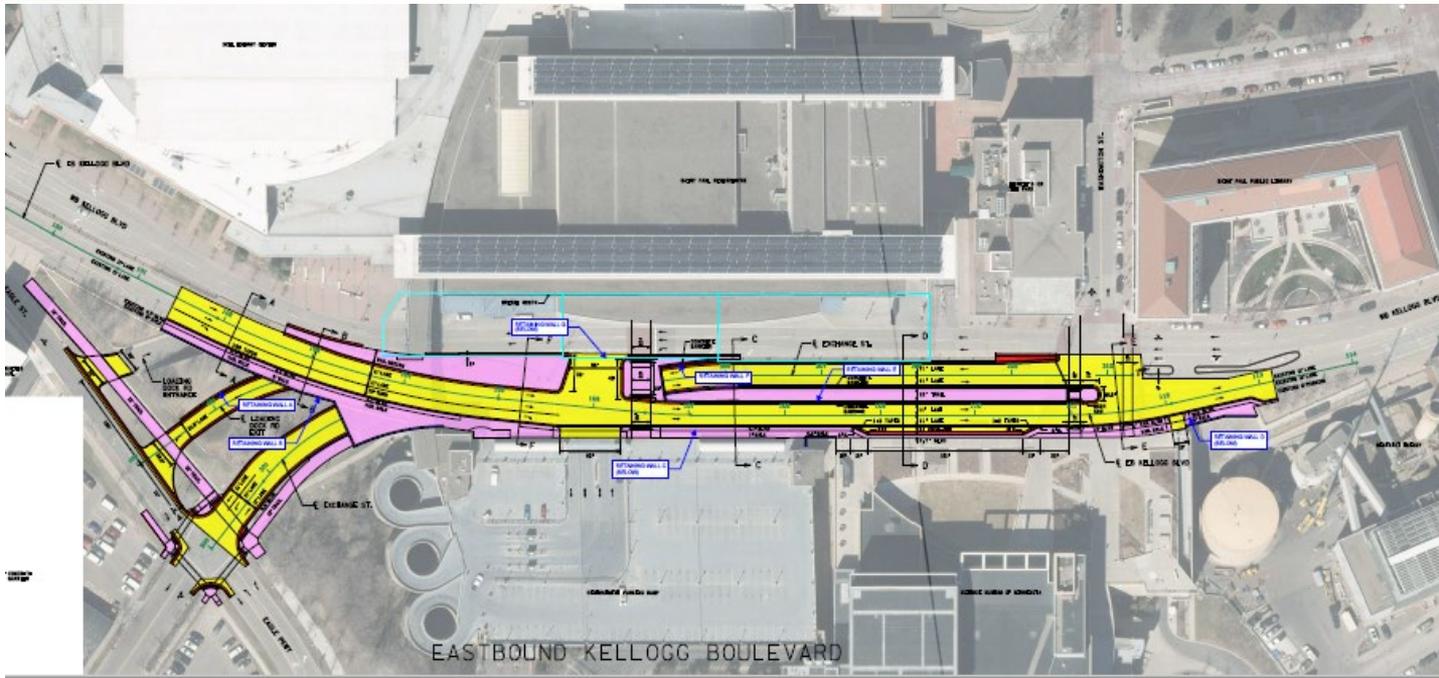


- 1000ft long bridge built in 1936 over the river bluff
- Bridge reached the end of its functional design life
- Concrete degradation is advanced and progressing
- Bridge must be replaced without delay



# Bridge at Core of Regional Attractions

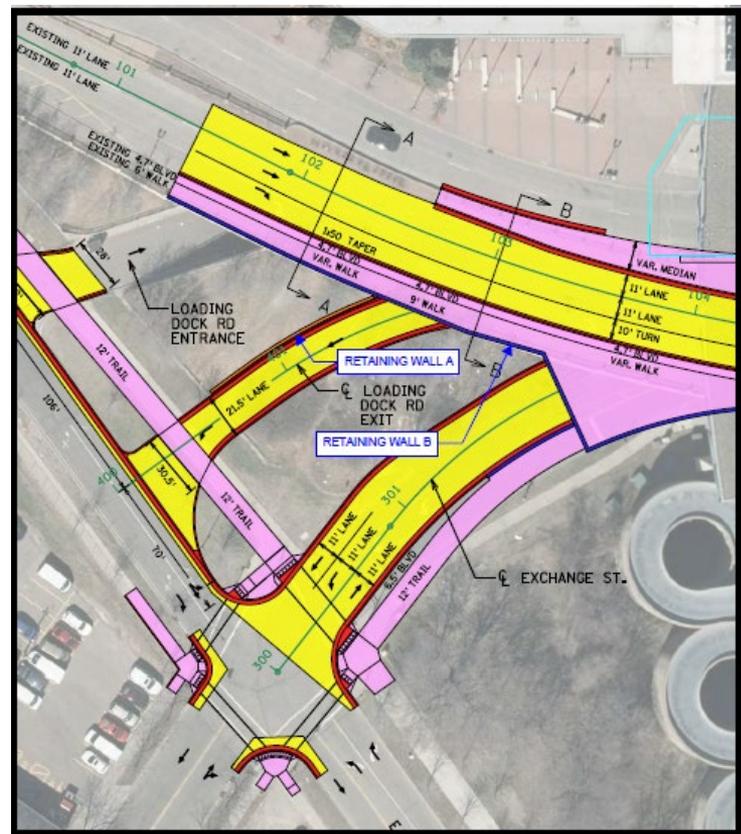
City of Saint Paul



- Xcel/RiverCentre
- RiverCentre Parking Ramp
- Science Museum of Minnesota
- Ordway Latimer Central Library
- George Latimer Central Library
- District Energy Plant
- Riverside Parking Ramp



# Major improvement with regional significance



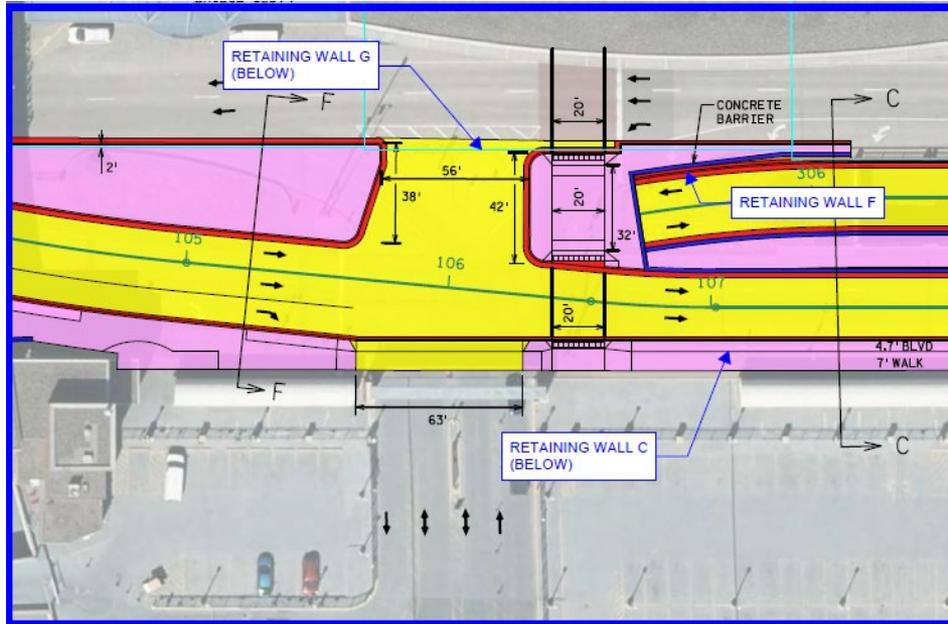
**EXCHANGE ST/EAGLE PKWY INTERSECTION**



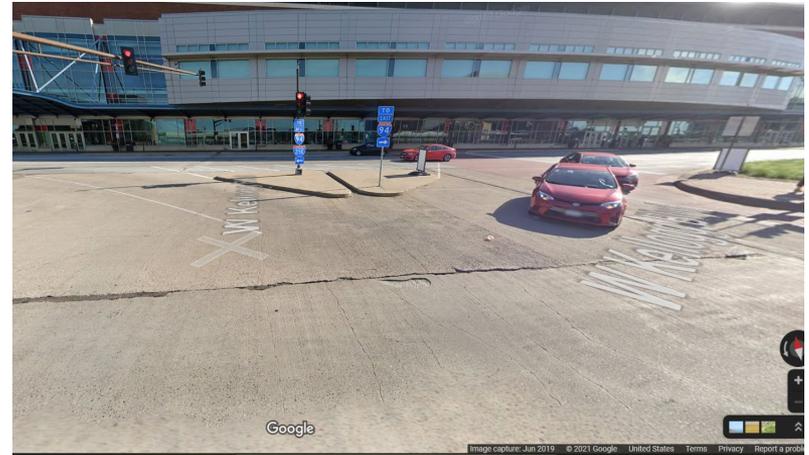
- New **12' shared-use trail** on Exchange Street
- Improved pedestrian safety – new ped/bike facility separated from vehicular traffic by **concrete barriers**
- Shared-used trail will connect **Sam Morgan Regional Trail** (Shepard Rd) to future **Capital City Bikeway** (Kellogg Blvd) and future **Summit Avenue Regional Trail** (Eagle Street)



# Improved intersection design



**KELLOGG/RIVERCENTRE PROPOSED INTERSECTION**



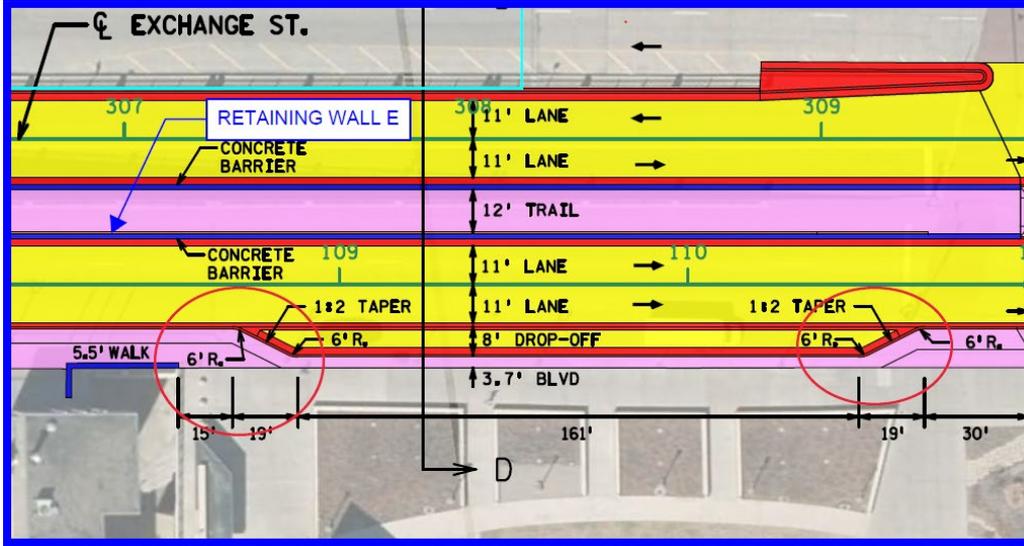
**EXISTING INTERSECTION**

- Proposed detail offers a more **standard intersection** design
- Improved and accessible pedestrian crossing including. Shortened ped crossing distance and ADA compliant ramp design
- Installation of accessible pedestrian signals (**APS**)

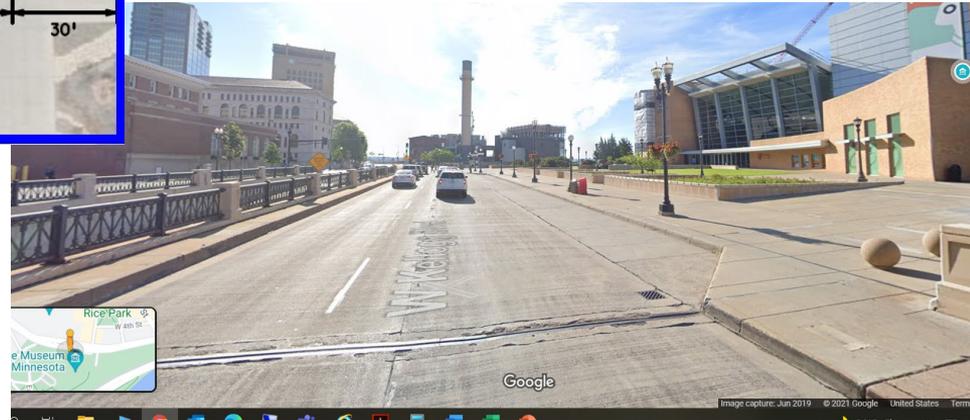


# Improved pedestrian safety

- Design improves pedestrian movement on south side of Kellogg
- Crash-worthy barriers will be constructed, and vehicular lanes will shift north closer to the barriers



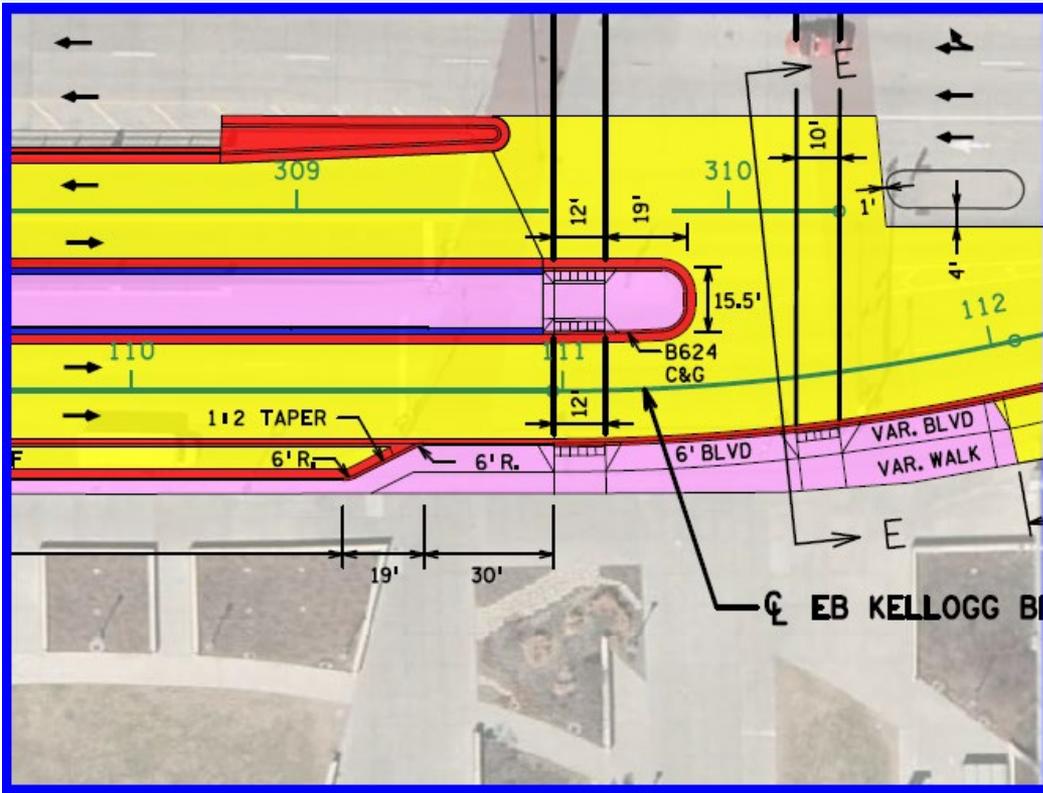
**KELLOGG BOULEVARD SOUTH SIDEWALK**



**EXISTING CONDITION**

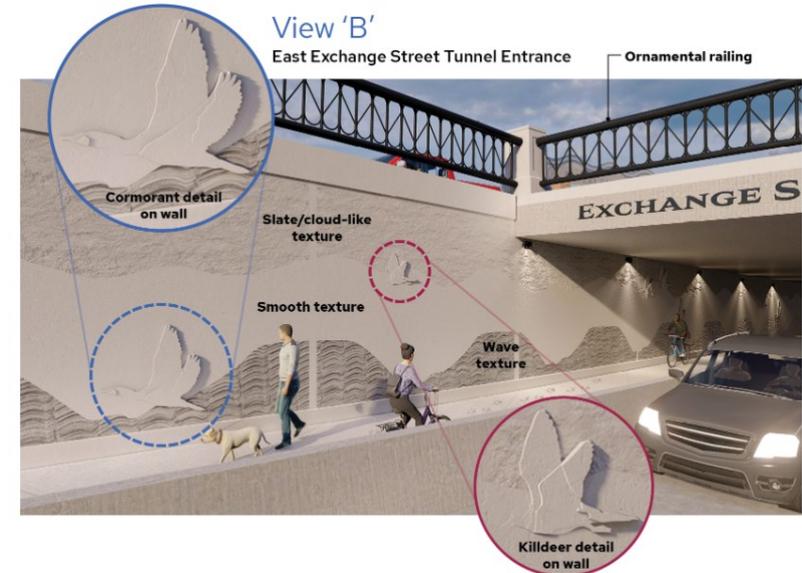


# Improved pedestrian safety



**KELLOGG/WASHINGTON INTERSECTION**

- New refuge area at Washington allows pedestrians and bikers to safely pivot from Exchange Street to Washington
- Redesigned intersection supports safe and accessible pedestrian crossings
- North half of the intersection will be reconstructed with the Capital City Bikeway project anticipated to begin in 2025

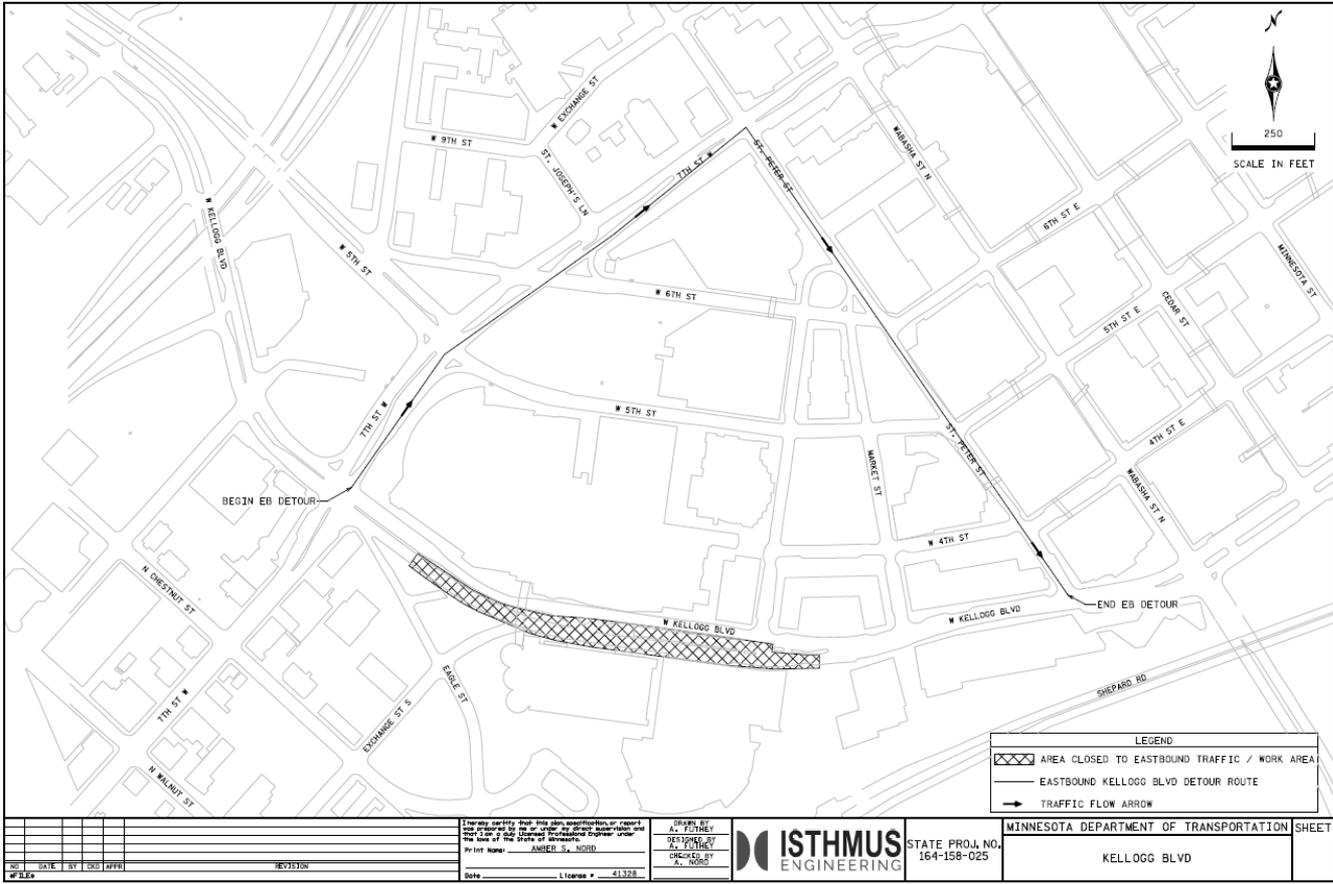




# Traffic Control – Detour Plan

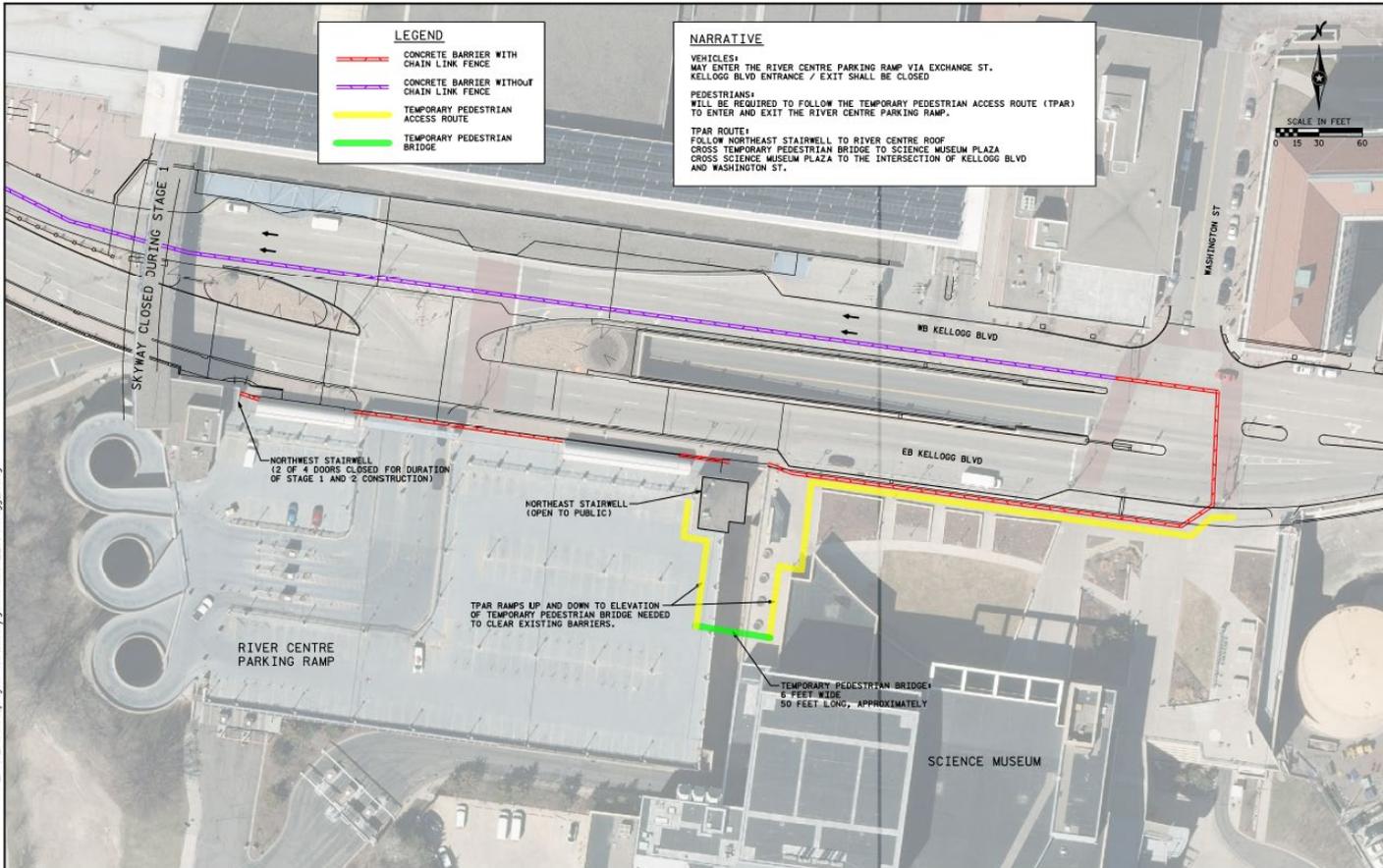
## PROPOSED DETOUR

- W 7th Street → St Peter
- EB Kellogg and Exchange Street will be closed to traffic
- Eagle Street will remain in service
- WB Kellogg will remain open as a one-way road





# Temporary Pedestrian Access Route – Stage 1 & 2



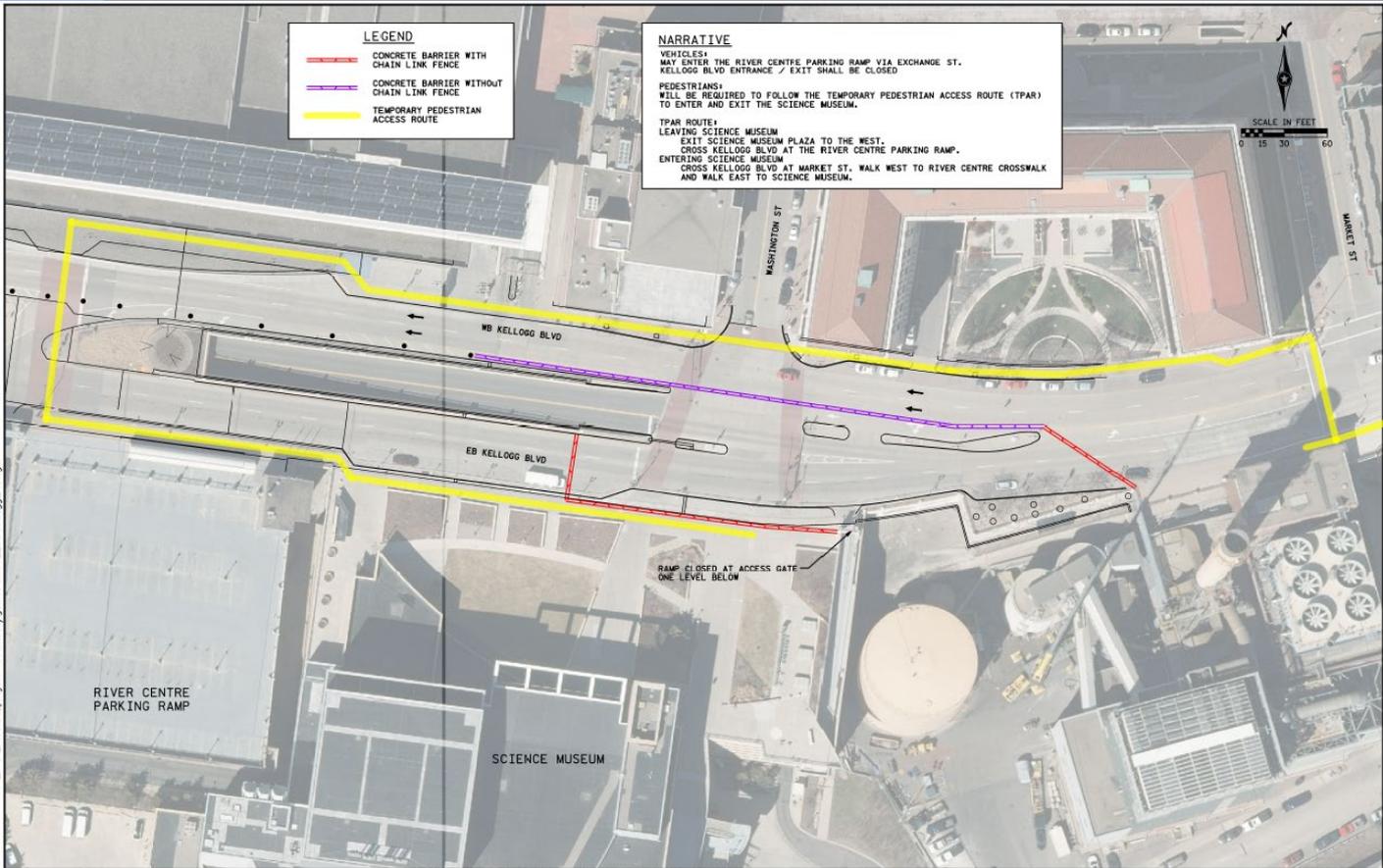
NO.	DATE	BY	DESCRIPTION OF REVISIONS

DES:	I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY CLOSE SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA		
DRW:			
CHK:	SIGNATURE: _____	LIC. NO. _____	DATE: _____

	STAGE 1 & 2	TEMPORARY PEDESTRIAN ACCESS ROUTE
	STATE PROJ. NO. 7001-133 (TH 13)	SHEET NO. OF SHEETS



# Temporary Pedestrian Access Route – Stage 3



**LEGEND**

- CONCRETE BARRIER WITH CHAIN LINK FENCE
- CONCRETE BARRIER WITHOUT CHAIN LINK FENCE
- TEMPORARY PEDESTRIAN ACCESS ROUTE

**NARRATIVE**

**VEHICLES:**  
MAY ENTER THE RIVER CENTRE PARKING RAMP VIA EXCHANGE ST. KELLOGG BLVD ENTRANCE / EXIT SHALL BE CLOSED

**PEDESTRIANS:**  
WILL BE REQUIRED TO FOLLOW THE TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) TO ENTER AND EXIT THE SCIENCE MUSEUM.

**TPAR ROUTE:**  
LEAVING SCIENCE MUSEUM  
EXIT SCIENCE MUSEUM PLAZA TO THE WEST.  
CROSS KELLOGG BLVD AT THE RIVER CENTRE PARKING RAMP.  
ENTERING SCIENCE MUSEUM  
CROSS KELLOGG BLVD AT MARKET ST, WALK WEST TO RIVER CENTRE CROSSWALK AND WALK EAST TO SCIENCE MUSEUM.

SCALE IN FEET

0 15 30 60

NO.	DATE	BY	DESCRIPTION OF REVISIONS

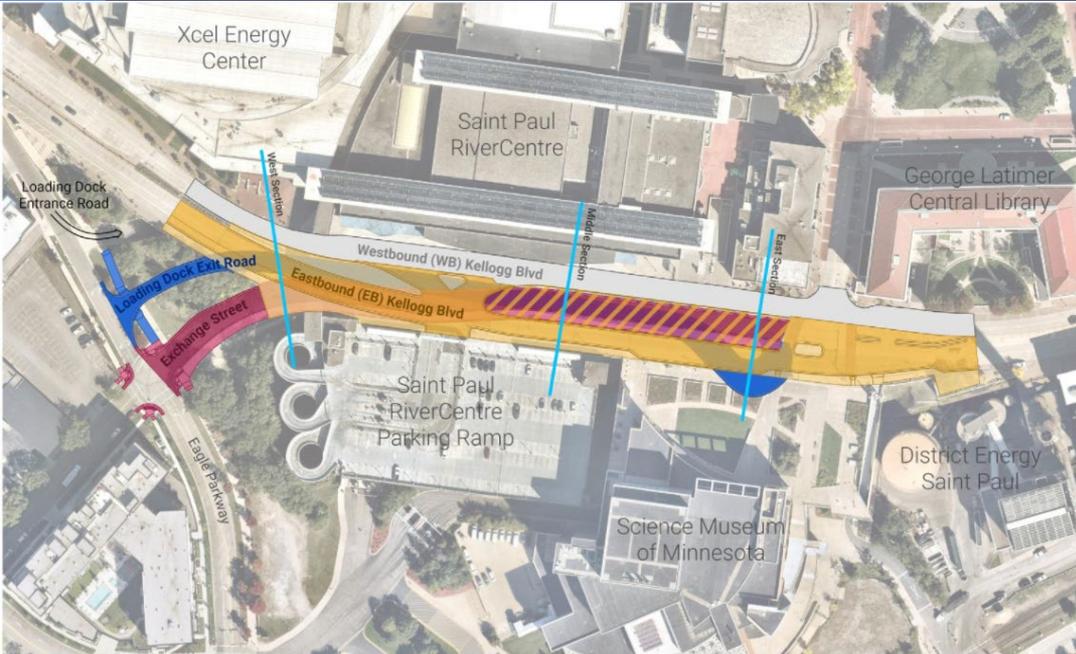
DESIGNER	I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA		
DATE			
CHKD			
SIGNATURE		LIC. NO.	DATE



STAGE 3	TEMPORARY PEDESTRIAN ACCESS ROUTE
STATE PROJ. NO. 7001-133 (TH 13)	SHEET NO. OF SHEETS



# Project Schedule and Cost



## PROJECT SCHEDULE

- Design reached 60% completion as of October 2021
- Final plans and specs to be delivered by May 2022
- Project Bid anticipated Summer of 2022
- Construction Start – Fall 2022 (earliest) \*
- Construction duration – 2 years and 6 mos.

## PROJECT COST

- Total Estimated Project Cost ~ **\$39M**
- \* Federal solicitation grant (\$7M) is set to firmly expire in **June 2022** if full funding for the project is not secured
- City committed local funds to complete design and will pursue state and federal funding sources to overcome budget shortfall of **\$26M**



- Thank you
- For questions or additional information contact:
  - **Dag Dejene, P.E., Project Manager**  
City of St Paul Public Works – Bridge Division  
Tel: 651-266-5603, [dag.dejene@ci.stpaul.mn.us](mailto:dag.dejene@ci.stpaul.mn.us).