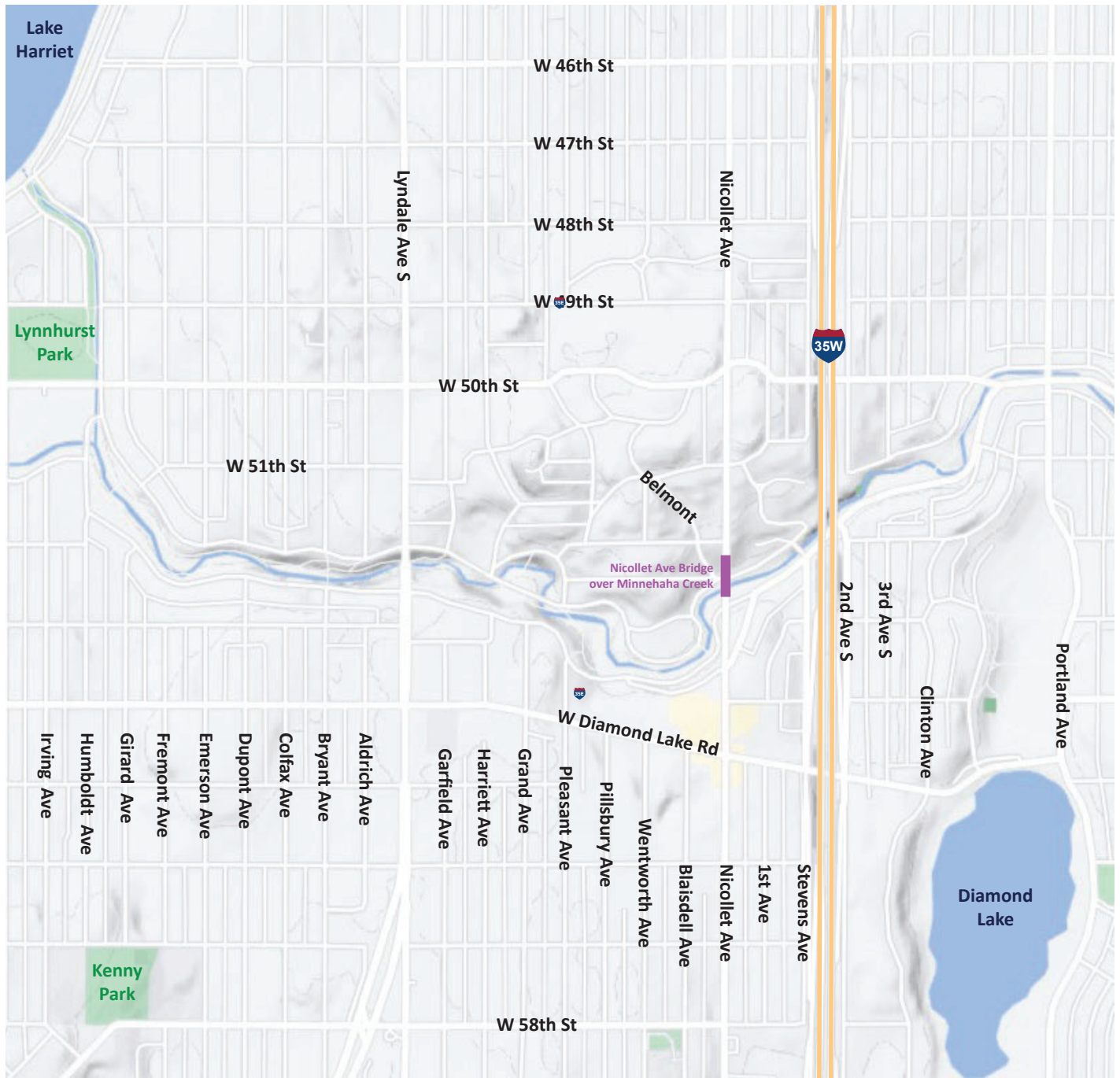


# Nicollet Ave Bridge over Minnehaha Creek - Historic Bridge Rehabilitation Project -

## Welcome!

### Where do you live, work, and visit?

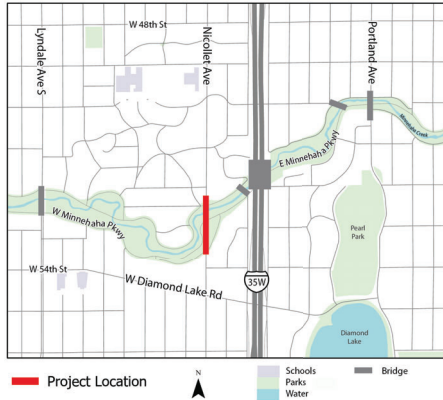
Place a ( ) dot on the map where you live. This helps project staff and you see who we've reached with today's open house.



# Nicollet Ave Bridge over Minnehaha Creek

## - Historic Bridge Rehabilitation Project -

### Project Location Map

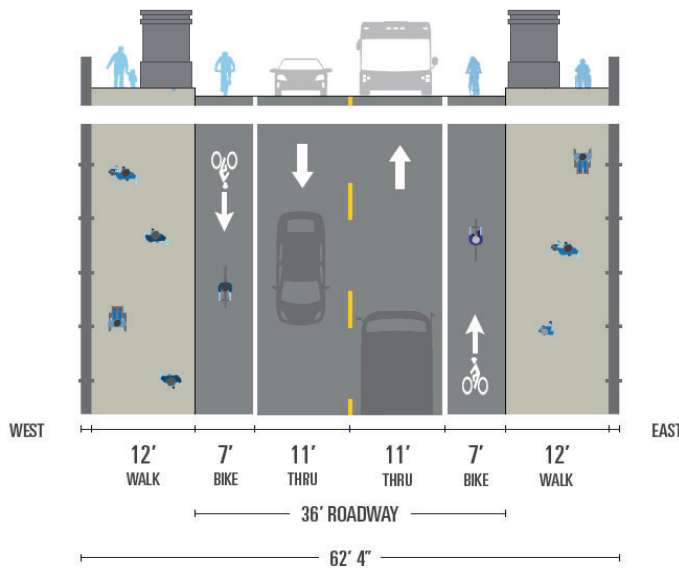


### Project Information & Schedule

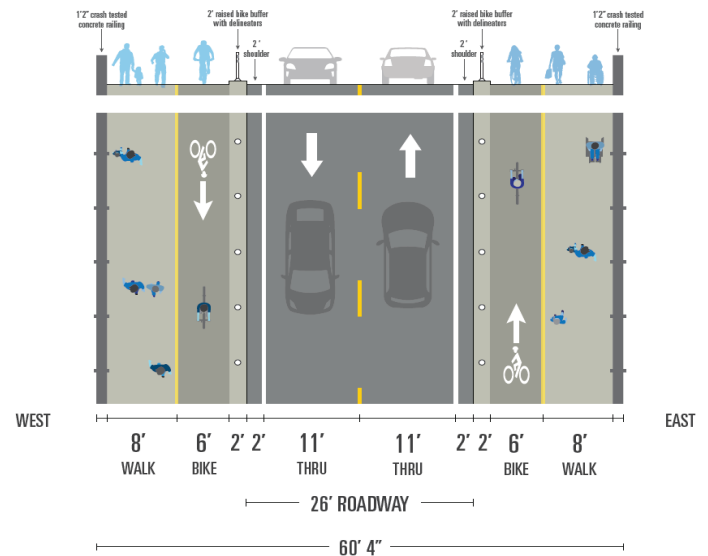


- Project includes rehabilitation of the bridge, 30 feet of roadway on the south approach, and 50 feet of roadway on the north
- Bridge is eligible for listing in the National Register of Historic Places
- Construction will begin in 2026
- Construction will take approximately 2 years

### Existing Bridge Cross Section



### Proposed Bridge Cross Section



### Examples of Similar Protected Bike Lane with Raised Curb and Delineators



#### Project Contact

**Meseret Wolana**, City of Minneapolis  
 Meseret.Wolana@minneapolismn.gov or (612) 673 - 3527

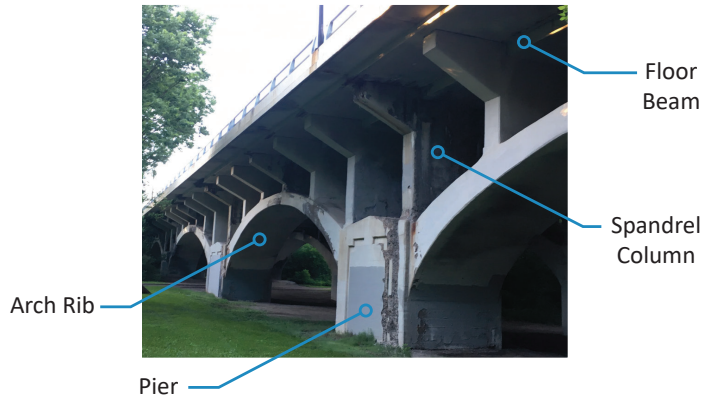




# Nicollet Ave Bridge over Minnehaha Creek

## - Historic Bridge Rehabilitation Project -

### Bridge Components & Condition



- Leaking deck joints allowed salt-laden water to migrate below and deteriorate the below deck concrete elements
- Significant arch rib cracking and concrete deterioration
- Concrete spalling at the piers from water drainage
- Underside of the deck, spandrel columns, cantilevers and floor beams have significant spalls and cracks at deck joints



Major Crack and Concrete Deterioration on Arch Rib



Cracks and Concrete Spalling on Arch Rib



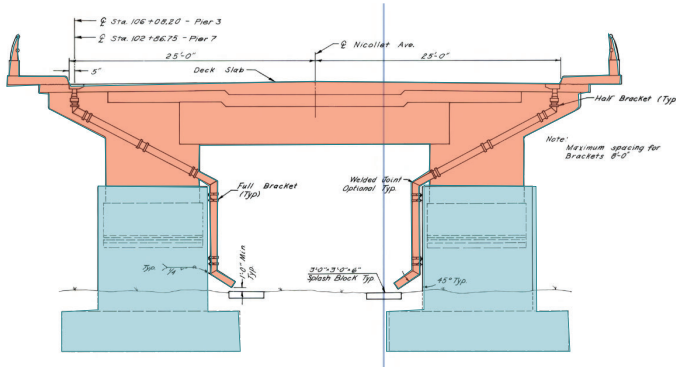
Additional photos of spalling concrete, exposed rebar, and existing bridge conditions.



# Nicollet Ave Bridge over Minnehaha Creek

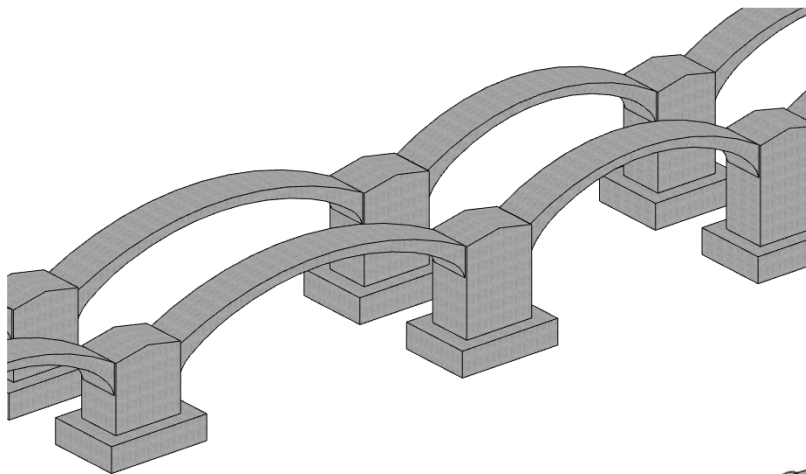
## - Historic Bridge Rehabilitation Project -

### Proposed Bridge Repairs & Reconstruction (Removals in Red)



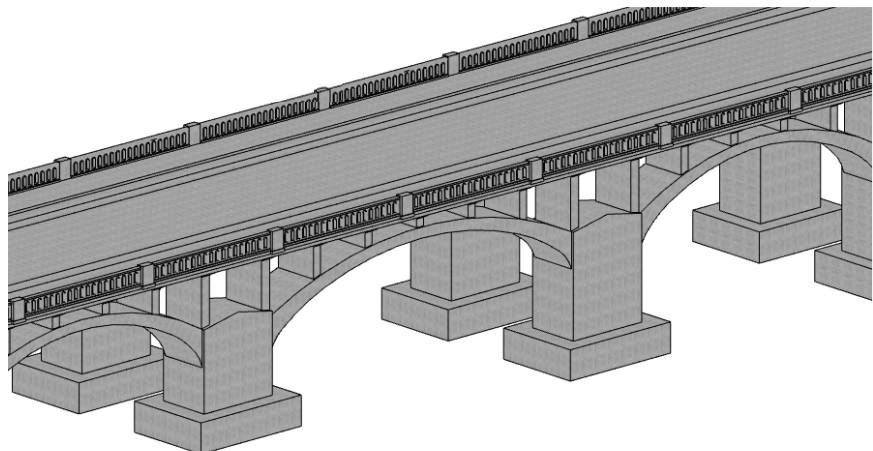
- Remove and replace bridge deck
- Remove and replace all bridge floor beams & spandrel columns
- Reconstruct bridge deck with fewer joints
- Repair concrete surfaces on the arch ribs and piers
- Remove and reconstruct railings and ornamental light poles

### Rehabilitated Bridge Elements and New Bridge Deck Components



The new design will:

- Provide a new deck with protected bike and walking trails
- Have fewer expansion joints and better protect elements below the roadway
- Strengthens the bridge floor beams
- Have a cathodic protection system to extend the life of the arch ribs



#### Project Contact

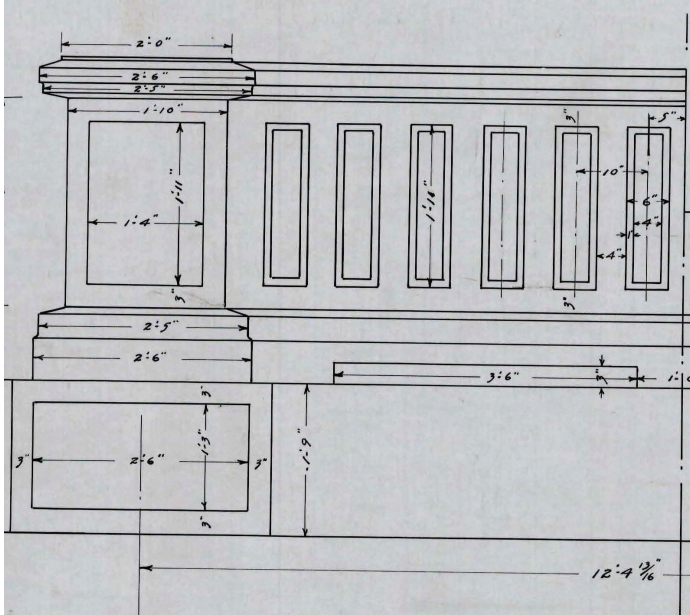
**Meseret Wolana**, City of Minneapolis  
Meseret.Wolana@minneapolismn.gov or (612) 673 - 3527





# Nicollet Ave Bridge over Minnehaha Creek - Historic Bridge Rehabilitation Project -

## Original Railing



Detailed drawing of the original decorative concrete railing design.

## Current Railing



The original railings were replaced in the 1970's.

## Proposed Railing



The proposed railing design (similar shown above on 10th Ave bridge) reflects the original design and is used on similar bridge rehabilitation projects in Minneapolis.

## Proposed Lighting



Lighting will be upgraded to energy efficient LEDs and maintain the existing "lantern" style.

### Project Contact

**Meseret Wolana**, City of Minneapolis  
Meseret.Wolana@minneapolismn.gov or (612) 673 - 3527



# Nicollet Ave Bridge over Minnehaha Creek - Historic Bridge Rehabilitation Project -

## Monument Feedback

## What are your ideas?

The existing neighborhood monuments will be removed during construction of the new multi-modal bridge. What are your ideas about monument features to consider in the new design?



### Project Contact

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Meseret.Wolana@minneapolismn.gov or (612) 673 - 3527



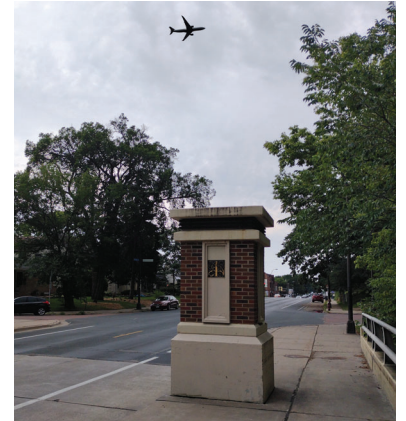


# Nicollet Ave Bridge over Minnehaha Creek - Historic Bridge Rehabilitation Project -

## General Comments

## What are your thoughts, ideas and questions?

Add a sticky note here with your comment(s), share thoughts with project staff or submit a comment card. Please also let us know if you have concerns about how the project might affect the surrounding historic neighborhood & Minnehaha Parkway.



### Project Contact

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# Nicollet Ave Bridge over Minnehaha Creek

## - Historic Bridge Rehabilitation Project -

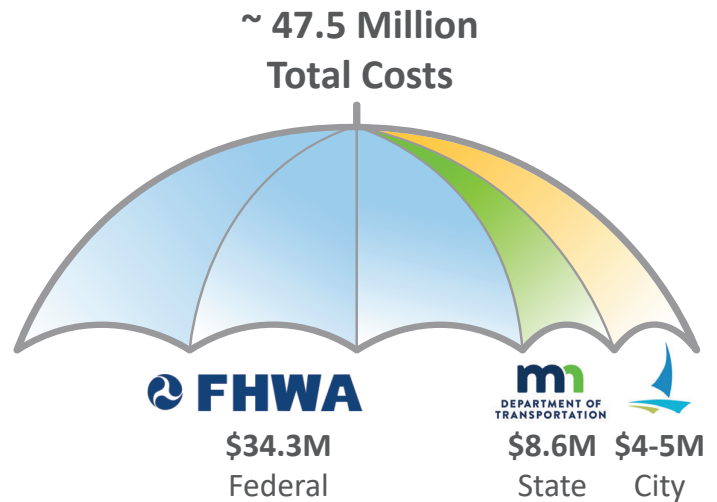
### Funding

The estimated rehabilitation cost is \$42.9 million and is funded through a combination of Federal, State, and City sources.

The majority, \$34.3 million, comes from the Bridge Investment Program (BIP) under the Infrastructure Investment and Jobs Act (IIJA) which contributes up to 80% of costs for the project. The remaining 20%, or \$8.6 million, will be covered by matching funds from MnDOT. The City will cover additional soft costs, including staff and engineering expenses estimated at about 4-5 million.

More information on the BIP and IIJA can be found at:

[www.dot.state.mn.us/iija-match/index.html](http://www.dot.state.mn.us/iija-match/index.html)



### Project Schedule

Task	2024	2025				2026				2027			
	4th Q	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q
Bridge Investment Program Grant Award	<div></div>												
Rehab Final Design and Construction Plans		<div></div>	<div></div>	<div></div>	<div></div>								
Public Engagement			<div></div>	<div></div>	<div></div>								
Environmental Documentation	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>								
Procurement Review & Assembly					<div></div>								
Advertise for Bids, Bidding & Bid Opening					<div></div>								
Project Construction							<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Construction Complete													<div></div>

### Construction Communications

- Anticipate 3 more Open Houses before construction:
  1. June 2025 - Open House update
  2. September 2025 - Open House update
  3. February 2026 - Pre-construction Open House
- Periodic updates at Neighborhood Association meetings
- Weekly updates & construction meetings in 2026
- Request a project update for your next group meeting

#### Project Contact

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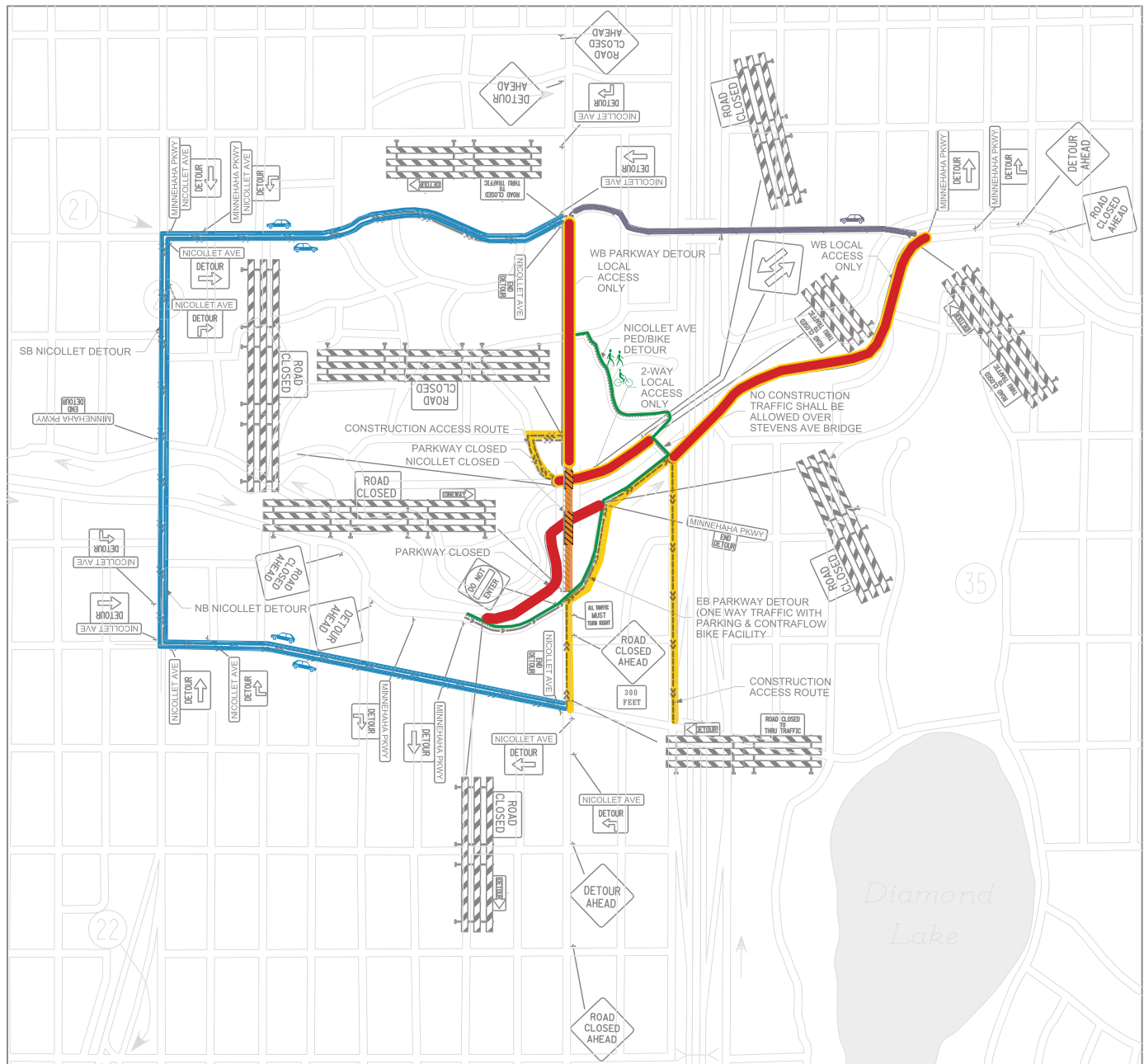


# Nicollet Ave Bridge over Minnehaha Creek

## - Historic Bridge Rehabilitation Project -

### Detours

- Wayfinding signs will be posted to mark detour routes for vehicles, Metro Transit buses, pedestrians and bicyclists
- Parkway to remain open for major events (Twin Cities Marathon)
- Parkway trails open during construction – protective scaffolding will be in place



### Project Contact

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 Meseret.Wolana@minneapolismn.gov or (612) 673 - 3527



# Nicollet Ave Bridge over Minnehaha Creek - Historic Bridge Rehabilitation Project -

## Tree Protections, Trimming & Removal

- Some trees have been identified as part of special tree protection areas during construction
- Some trees will be trimmed or removed to allow for bridge rehabilitation
- New trees will be replanted as part of the project

