Detours Ahead: I-494
Construction Impacts and Options

Commuter Services
July 26, 2023
Your questions, our answers

- A recording of this webinar and the slides will be emailed to all attendees within 10 days

- Questions will be answered at the end of each presentation

- To submit questions please:
  - Use the Q&A tool on Zoom to enter your written question
  - Email questions after the webinar to Kate Meredith at kate@494corridor.org

- Please refrain from using the Chat option to submit questions
Commuter Services is the outreach program of the I-494 Corridor Commission

The I-494 Corridor Commission is a joint powers organization established in 1986 to address concerns about increasing traffic congestion along the I-494 corridor. Member cities include Bloomington, Eden Prairie, Edina, Minnetonka, and Richfield.

In fact:

- There are more jobs in this section of the I-494 corridor than anywhere else in the State of Minnesota, including the two downtowns - Minneapolis and St. Paul, combined.

- According to MnDOT, people from 85 of the state’s 87 counties travel this section of I-494 every day.
About our presenters

In her role as Vice President at Commuter Services, Kate Meredith oversees employer outreach, sustainable commute programming and campaigns.

Kate is a graduate of the University of Minnesota, with a bachelor’s degree in marketing and women’s studies.
About our presenters

Tim Clyne is one of the MnDOT Construction Managers overseeing all of the grading and paving on the I-494 Design Build Project.

Tim is a graduate of the University of Minnesota, with bachelor’s and master’s degrees in Civil Engineering. He has been with MnDOT since 2005, working in various offices including the MnROAD Research Project and Metro District Materials.

His I-494: Airport to Highway 169 counterpart, Tera Rehnberg, manages the project’s bridge and wall structure elements.
MnDOT

- I-494 Airport to Highway 169 Full Vision
- Project Timelines from 2023 to 2026
- Traffic Impacts to Expect This Year
- Detour Routes
- Project Improvements and Related Details
- Nearby Projects: I-494 Minnesota River Bridge and I-35W Bloomington

Commuter Services

- Commuter Options
Project Development

Pre-2001

2001

2009

Rescoping Project
Looked at alternatives within the FEIS footprint. Recommended a “turbine interchange” concept

2001 FEIS
I-494 Reconstruction Corridor: I-394 to Minnesota River

Interchange Vision Layout Development
Looked at project phasing and Orange Line improvements

2014

2017

I-494/Hwy 62 Congestion Relief Study
Identified MnPASS lanes

Today

I-494: Airport to Hwy 169 Project
Partner Collaboration and Involvement

**Partners**
- Cities of Richfield, Bloomington, Edina, Eden Prairie
- Hennepin County
- Metro Transit
- Metropolitan Council
- Metropolitan Airports Commission
- Federal Highway Administration (FHWA)

**Stakeholders**
- Corridor Coalitions (I-494 Corridor Commission, I-35W Solutions Alliance)
- Local Businesses
- Residents
- Statewide Travelers
- Regional/Local Travelers
- Metro District Management
- MnDOT Leadership
Project Purpose
Improve safety, mobility, travel time reliability, address asset conditions, and promote transit mobility on I-494 between TH 5 and US 169

“In your opinion, what is most important for MnDOT to address when redesigning Interstate 494 from the Airport to Hwy 169? (Choose up to 3)”

- Mobility (Travel Time): 39%
- Traveler Safety: 32%
- Pavement Conditions: 26%
- Bridge Conditions: 21%
- Storm water Drainage: 16%
- Pedestrian and Bicycle Connectivity (Across I-494): 12%
- Other: 8%
Evaluation Criteria

- Constructability
- Community
- Equity
- Asset Management
- Cost/Budget
- Operations
- Funding
E-ZPass from Hwy 169 to 24th Ave

I-494/I-35W interchange

Access changes at Nicollet, Portland and 12th
Implementation Plan

Project 1
Elements 3, 4, 5 (partial) and 7
- Letting date: April 2023
- Construction duration: 2023 to 2026
- $320M construction let budget $410M
- Remaining priority issues: EA, ROW

Project 2
Element 6
- Letting date: TBD but no earlier than 2024
- Construction duration: TBD
- Cost range: $10M to $20M
- Remaining priority issues: cost estimate, design (to be done by Fall 2023), ROW, RR coordination, funding

Project 3
Elements 8 and 9
- Letting date: TBD
- Construction duration: TBD
- Cost range: $60M to $100M
- Remaining priority issues: project development, cost estimate, funding

Project 4
Elements 1, 2, and 5
- Letting date: TBD
- Construction duration: TBD
- Cost range: $500M to $900M
- Remaining priority issues: project development, cost estimate, funding

E-ZPass westbound (from Hwy 100 to Hwy 169)

E-ZPass eastbound (from Hwy 100 to I-35W)

E-ZPass westbound (from Hwy 100 to Hwy 100)

E-ZPass eastbound (from Hwy 169 to Hwy 100)

I-35W/I-494 interchange ramp and E-ZPass westbound (from I-35W to Hwy 100)

82nd St interchange and grade raise on I-35W

Railroad bridge

Nicollet Ave, Portland Ave, 12th Ave, and pedestrian bridge

E-ZPass eastbound (from I-35W to Hwy 77)**

**Added capacity begins at 24th Ave with E-ZPass designation just west of TM 77

(E-ZPass is formerly known as MnPASS)
SP 2785-424: I494 Airport to Hwy 169
Design-Build Project Scope

- E-ZPass on I-494 in both directions between East Bush Lake Road and I-35W
- Reconstruct I-494/I-35W interchange to turbine design
- Reconfigure access at Nicollet, Portland, and 12th Avenues
- Construct pedestrian bridge at Chicago Ave
### January 18, 2023 Price Proposal Opening

<table>
<thead>
<tr>
<th></th>
<th>Technical Proposal Score</th>
<th>Proposal Price</th>
<th>Adjusted Score (Price / Technical Score)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Team A</td>
<td>92.05</td>
<td>$414,535,000.00</td>
<td>4,503,368</td>
</tr>
<tr>
<td>C.S. McCrossan</td>
<td>88.85</td>
<td>$377,412,915.00</td>
<td>4,247,754</td>
</tr>
<tr>
<td>Team C</td>
<td>82.17</td>
<td>$456,745,000.00</td>
<td>5,558,537</td>
</tr>
</tbody>
</table>
• March 3, 2023: Contract awarded
• March 21, 2023: Contract fully executed
• April 24, 2023: Notice to Proceed 1 (temporary work)
• July 17, 2023: Notice to Proceed 2 (permanent work)
• Substantial Completion September 2026
Construction Schedule Overview

• 2023
  • Temporary crossovers and widening, EB I-494 near TH 100, north ramps at I-35W

• 2024
  • WB I-494 near TH 100, EB I-494 from TH 100 to I-35W, Chicago Ave Pedestrian Bridge

• 2025
  • WB I-494 from TH 100 to I-35W, finish I-35W interchange, Portland Ave Interchange

• 2026
  • E-ZPass System, Nicollet Ave & 12th Ave Bridges
Current Construction Impacts

• Temporary traffic mitigation on TH 62: Restriping auxiliary lane on westbound TH 62 from Valley View Rd to TH 100

• Intelligent Workzone – Installation of travel information signing

• Installation of mainline I-494 crossovers and widening between East Bush Lake Rd and I-35W

• Short term traffic impacts on MnDOT and local roads to facilitate design work (soil borings, sewer video inspection, etc.)
Upcoming Construction Impacts

• Utility relocations
• Permanent work near TH 100 and I-35W began in mid July
• Potential Winter 2023-2024 Work: Retaining Walls, I-494 / I-35W turbine flyover bridge substructures, Chicago Ave Pedestrian Bridge substructures
2023 Local Impacts

- **Girard Ave**
- **Retaining Walls Close Clover Dr**
Temporary Construction

Work began June 5th!
Temporary Crossover Paving
Road / Ramp Closures and Detours
SB 35W to WB 494 – Regional

GENERAL NOTES:
1. SEE STAGE 1A - PHASE 1 MIT PLANS FOR ADDITIONAL TMC EQUIPMENT AND SIGN COVERING NEEDS.
2. GDOT SIGNAGE SHALL BE PLACED 7 DAYS IN ADVANCE OF CLOSURE DATE.
3. ALL SIGN SPACING AND LOCATIONS SHOWN ARE APPROXIMATE. TCS OR HIS DESIGNER SHALL CONFIRM LOCATIONS IN FIELD BASED ON INPLACE SIGNAGE AND ROADWAY SPEED LIMITS.

SPECIFIC NOTES:
1. FOR I-494 WB LOCAL DETOUR, SEE DETOUR SA
2. SIGNS SHALL BE PLACED WITHIN THE LEFT SHOULDER OF WB I-62
3. “FOLLOW DETOUR" PANELS SHALL BE PLACED ONCE THE DETOUR ROUTE IS ACTIVE

LEGEND
- CLOSED FOR CONSTRUCTION
- DETOUR ROUTE
Lyndale to WB 494 and WB 494 to NB 35W
IN ADDITION TO TEMPORARY TRAFFIC CONTROL SHOWN, CONTRACTOR SHALL UTILIZE TEMPORARY TRAFFIC CONTROL FIELD MANUAL TO SUPPLEMENT NB 35W DIRECTIONAL ROAD CLOSER AT EB 61 AND 65.

LAYOUT OF SLALOM SHALL BE SUPPLEMENTED WITH ADDITIONAL LANE CLOSURE EQUIPMENT, NATO LANE BUFFER HANDBAGS TO CREATE A TEMPORARY TRAFFIC LANE CLOSER.

CONTRACTOR TO SET A TRIPLE LEFT LANE CLOSER + LANE 94FT TO SET ALL NB 35W TRAFFIC SENT ON THE PROPOSED RETURN ROUTE, EB 61 TR 64.

IN ADDITION TO TEMPORARY TRAFFIC CONTROL SHOWN, CONTRACTOR SHALL UTILIZE TEMPORARY TRAFFIC CONTROL FIELD MANUAL TO SUPPLEMENT EB 61 TR 64 TO NB 35W CLOSER CLOSER AT EB 61.

GENERAL NOTES:
1. QB-13 SIGNS SHALL BE PLACED 7 DAYS IN ADVANCE OF CLOSER E-W.
2. SIGN SPACING AND LOCATION SHOWN ARE APPROXIMATE.

LEGEND
CLOSED FOR CONSTRUCTION
DETOUR ROUTE
EB 494 to NB 100 and SB 100 to EB 494
EB 494 to SB 100

General Notes:
1. See Stage 1A - Phase 2B MOT Plans for additional TTC equipment and sign covering needs.
2. 920x XL signage shall be placed 7 days in advance of closure date.
3. All 920x spacing and locations shown are approximate. TSC or HSE designs shall confirm locations in field based on inplace signage and roadway speed limits.

Legend:
- Orange: Closed for construction
- Red: Detour route
East Bush Lake Rd to EB 494
Local Transportation Management Plan

1. Use ClearGuide to monitor system and identify issues
2. Further investigate mobility and safety issues
3. Identify and implement mitigation strategy
Local Traffic Mitigation Strategies

- Temporary signals
- Turn lane additions
- Signal system modifications
- Restriping / access management
- ADA improvements (rapid flashing beacons or curb bumpouts)
- Temporary speed signs
- Sets of speed cushions
- Road closure setups

Up to 20 temporary improvements
Project Improvements
Widened and Reconstructed Pavement & Bridges

New pavement & bridge infrastructure
New frontage road system
Noise walls & retaining walls
Penn Ave Braid Bridges

Improve safety & mobility
Cannot access 35W to / from Penn
82\textsuperscript{nd} St Braid Bridge

Improves safety & mobility

Cannot access 494 from 82\textsuperscript{nd} St
Bicycle and Pedestrian Facilities

Portland Ave

Nicollet Ave
Visual Quality
Minimize flooding in low points
• Kimley-Horn to manage communications for the 3 MnDOT projects near the airport
  • I-494: Airport to Hwy 169 Design-Build Project
  • I-494: MN River Bridge
  • I-35W Pavement Preservation
• Similar coordination to TH 5 Airport project
Public Information

• Public Information Hotline
  • info@i494Construction.com
  • 651-583-6435
• Visit the project websites
  mndot.gov/metro/projects/i494edina-richfield/index.html (construction)
    Sign up for project email updates (bottom right of page)
  mndot.gov/metro/projects/i494-airport-hwy169/ (study)
  511mn.org (traveler information)
Project Improvements

Repair MN River bridge deck and substructure

Repair three other bridges

Repair concrete pavement on I-494

Reconstruct regional trail
Construction Schedule

• 3 years: 2023-2025

• 2023
  • Main work on inside median; some lane closures and shifts

• 2024
  • Traffic reduced to 2 lanes each direction on EB bridge while WB bridge is repaired
  • Temporary ramp for Hwy 5 to maintain MSP access
  • Short closure of 24th Ave ramps, detours to MOA
  • Surface repairs on pavement and bridges west of river

• 2025: Same thing, other direction
  • River bridge trail closed all summer
• Public Information Hotline
  • info@i494Construction.com
  • 651-583-6435

• Visit the project website

www.dot.state.mn.us/metro/projects/i494mnriverbridge/index.html
I-35W Resurfacing – Project Improvements

Resurfacing 106th to 82nd

Auxiliary lane between 106th and 98th (both directions)

Improve ramps, sidewalks and signals at 106th, 98th, 94th, and 90th intersections

Drainage improvements
Construction Impacts and Schedule

- Two more weekend closures of SB 35W
- Alternating exit / entrance ramp closures
- Drainage, overhead signs, lighting, etc.
- Complete by September 1, 2023
Project Contacts

• Public Information Hotline
  • Info@I35WBloomington.com
  • 651-728-4638

• Visit the project website

www.dot.state.mn.us/metro/projects/i35w-bloomington/index.html
Questions

Tim Clyne
MnDOT I-494 DB Construction Manager
651-775-1176

timothy.clyne@state.mn.us
Commuter Services:
Solutions to ease your commute (and save your sanity)
Strategies and Commute Resources for Employers

- Host a Commuter Fair, e-Fair, Lunch and Learn or seminar
- Promote Try It campaigns through Commuter Services
- Promotion of commute options in a company newsletter, intranet posts, blogs or direct email
- Commute resources for new hires
- Sign up for our quarterly employer newsletter
- Sign up for our monthly commuter newsletter
- Poster outlining Commuter Services’ resources
- Display of commute resource materials with bus schedules
Bicycle commuting resources and strategies for employers

Employers can:

- Hold an on-site bicycle safety check
- Offer a Lunch and Learn or webinar on how to bike to work
- Provide showers and lockers
- Provide indoor or covered bike parking
- Offer bike repair materials: tire pump, patch kits, tools
- Purchase bicycles employees can use over lunch for errands or exercise

Commuter Services can help you:

- Provide free bicycle commute resources and area trail updates
- Receive free outdoor bicycle rack from Commuter Services
- Provide demonstrations on how to place a bicycle on transit
Bicycle commuting resources and strategies for commuters

- Sign up for Bike Trail Updates (email)
- Watch on-demand bike to work commuting webinars
- Ask for a demonstration on how to put your bike on transit
- Request free resources:
  - Bicycle Commuting Guide with tips for riding in traffic
  - Hennepin County Bike Map
  - Clothing recommendations
  - Winter Bike Commuting Guide
  - And more!
Transit updates and resources for employers

- Offer Metropass discounted transit pass with unlimited rides
- Personalized transit information for your worksite: schedules, maps, collateral materials for your worksite
Transit resources for commuters

- Customized bus/train route itinerary with schedules plus two free ride passes
- Transit Assistance Program (TAP) information
- METRO System Brochure
- Transit system map
- Text for Safety
- Reloadable passes
Carpool assistance for employers

- Assist employers and commuters with formation of carpools and vanpools
- Create maps for employees to see how many people live near them for ride matching
- Conduct meetings to gather employees by home location to help form carpools and vanpools
- Provide carpool and vanpool preferred parking signs; we manage program for you
Carpooling for commuters

- Tips on how to set up a successful carpool
- Free carpool matching program
- Many employers offer preferential parking
- Other advantages:
  - Use HOV lane for free during peak hours with two or more riders
  - Save money on gas
Metro Vanpool: Employer advantages

- Commuter Services available to assist employers in setting up a company program
- Metropolitan Council provides 50 percent subsidy on each vanpool
- Employers can choose to subsize
- Tax benefits
Metro Vanpool for commuters

- Ideal for longer commutes
- Need just four people to start vanpool
- 50 percent of each vanpool is subsidized by the Met Council
- Lease agreement between primary driver and Commute with Enterprise
- Lease includes maintenance, repairs, $1 million liability insurance, 24-hour roadside assistance
- Flexible: 30-day notice to leave or terminate
- Tax benefits available
Free resources for employers, managers and teleworkers

Online, anytime: tctelework.com
Free telework/hybrid work resources

- Sample telework and hybrid policies
- Teleworker agreement
- Implementation guidance
- Consulting on best practices
- Training for managers on how to manage remote workers
- Ask the Expert
- On-demand webinars
- Mental health resources
- Ergonomic and home office recommendations
- FOMO resources for managers and teleworkers
- Quarterly newsletter
- And many more telework/hybrid resources
More resources for commuters and employers

Guaranteed Ride Home
- Provides “peace of mind” for commuters who take sustainable trips three or more days per week
- Paid for by the Metropolitan Council, free to the commuter
- Registered participants get up to $100 annually in rides (Uber, Lyft, transit, etc.)

Stay in the know with our newsletters

Commuter newsletter: Monthly email, features regular updates on all road construction projects along with transit, bike commuting and telework news
  - Sign up at: 494corridor.org

Employer newsletter: Quarterly email with information about sustainable commute programs, road construction updates, transit improvements and more
  - Sign up by emailing Kate Meredith: kate@494corridor.org

Twin Cities Telework newsletter: Quarterly email featuring telework and hybrid trends, best practices, tips to start and maintain your work from home programs, and more
  - Sign up at the Twin Cities Telework website: tctelework.com
Questions?
For more information:

Melissa Madison  
Executive Director  
Email: melissa@494corridor.org  
Phone: 952-405-9425

Kate Meredith  
Vice President  
Email: kate@494corridor.org  
Phone: 612-750-4494

Thank you for joining us