



WELCOME

East Lake Avenue Bridge over North Branch Chicago River Public Information Open House

January 15, 2025

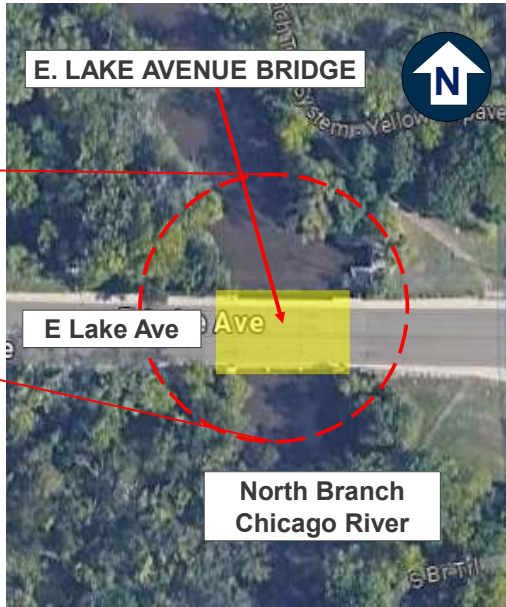
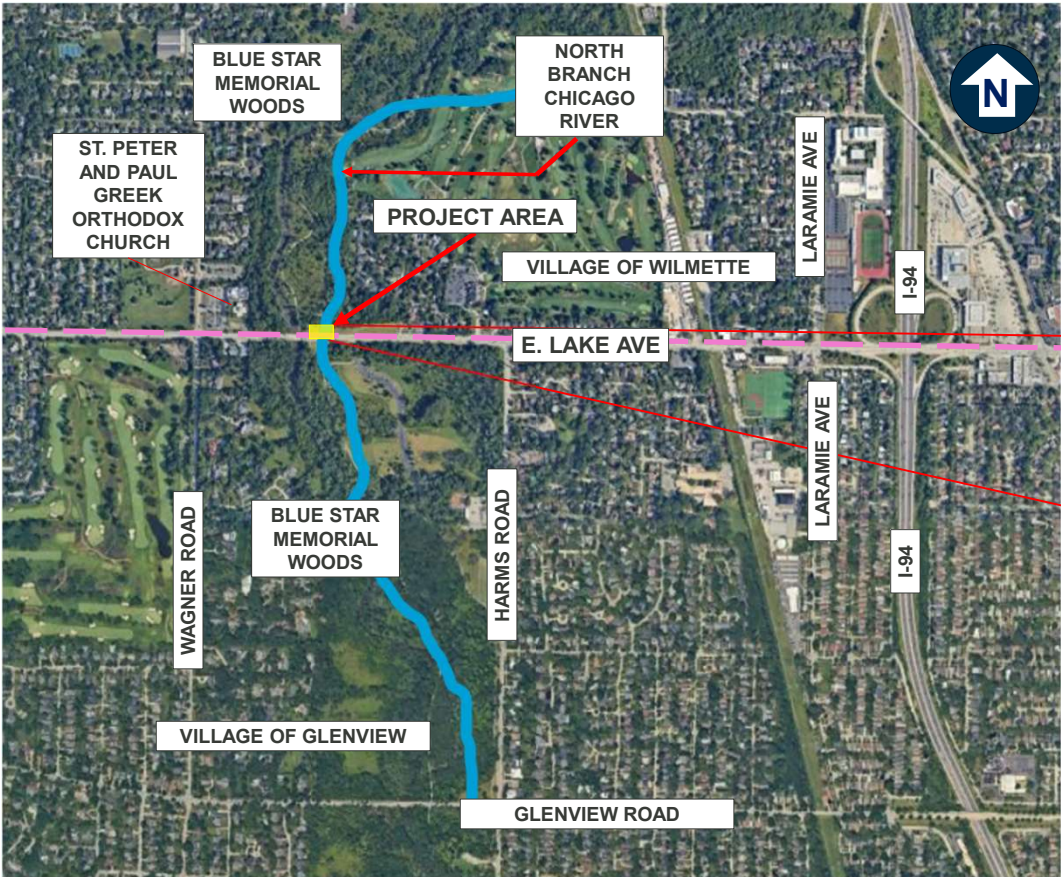
**CONNECTING
COOK COUNTY**
Beyond Transportation

Honorable Toni Preckwinkle, President
Cook County Board of Commissioners

Jennifer “Sis” Killen, P.E., PTOE Superintendent
Department of Transportation & Highways



Project Location



Scale: 1" = 1000' (Approximately)

Existing Conditions

- East Lake Avenue is a minor arterial roadway that runs east-west in the Village of Glenview and the Village of Wilmette.
- The East Lake Avenue Bridge over North Branch Chicago River carries two lanes of traffic in each direction. Both sides of the bridge have existing sidewalk, with only the south side being continuous.
- The bridge is approaching the end of its service life and must be replaced.



General View of Bridge



View of Exposed Rebar, Spalled & Delaminated Concrete, Failed Epoxy Repair and Map Cracking on Northeast Wingwall, Looking East



General View of Bridge (Looking West)

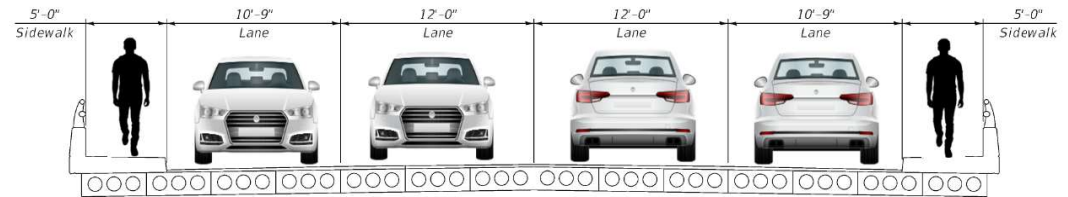


View of Delaminated, Cracked and Spalled Concrete with Exposed Rebar and Rust Staining on Pier 2, Looking West

Typical Section

Existing Bridge:

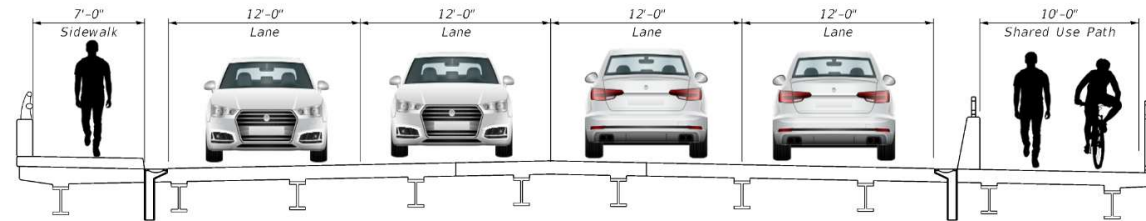
- Carries two lanes of traffic in each direction.
- Existing sidewalk on the south side of the bridge connects with continuous sidewalk adjacent to the bridge. Existing sidewalk on the north side of the bridge currently connects with existing sidewalk west of the bridge. There are no sidewalks currently present east of the bridge.



Existing Bridge Section
(Looking East)

Proposed Bridge:







- Complete replacement of the bridge with a new jointless bridge, improved rideability and reduced long-term maintenance costs.
- Addition of barrier protected shared-use path on the south side provides forward compatibility with any future plans to construct a shared-use path along East Lake Avenue.
- Sidewalk on the north side provides forward compatibility with any future plans to construct continuous sidewalk beyond the bridge along the north side of East Lake Avenue.

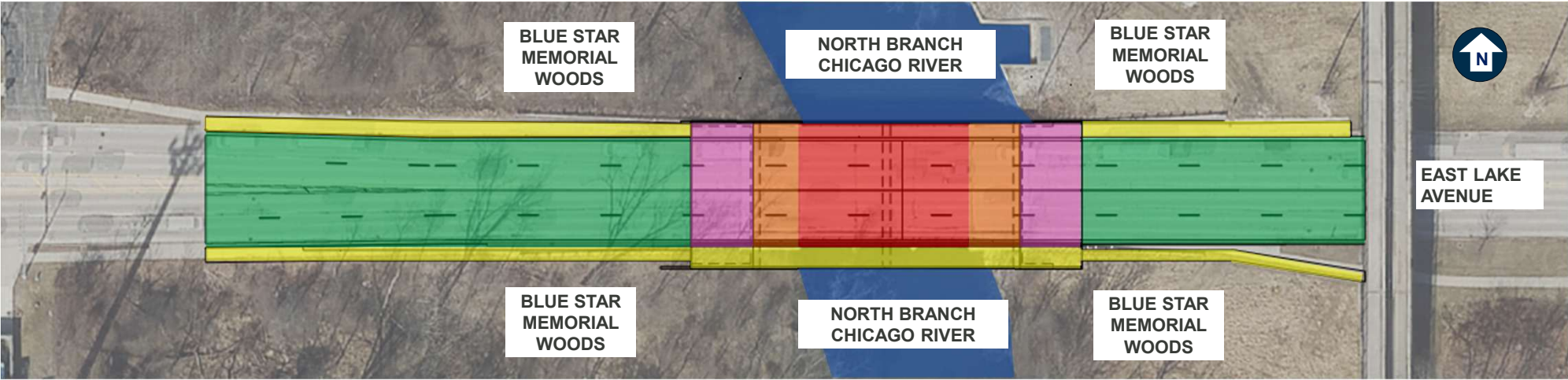


Proposed Bridge Section
(Looking East)

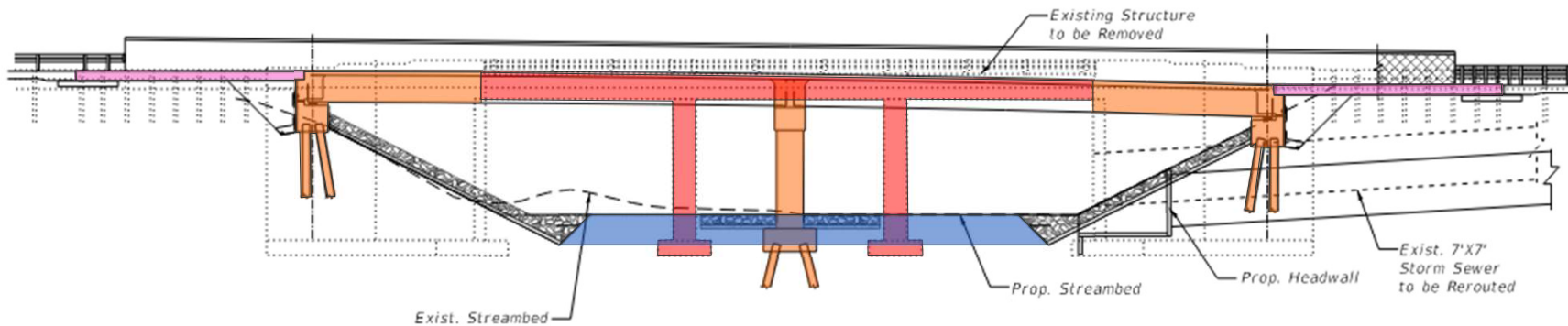
Existing and Proposed Bridge Plan

Legend

 Existing Bridge	 North Branch Chicago River
 Proposed Bridge	 Proposed Sidewalk and Barrier Protected Share-Use Path
 Proposed Approach Pavement Slab	 Reconstructed Roadway



Proposed Bridge







*PROPOSED BRIDGE ELEVATION
(Looking North)*

PROPOSED IMPROVEMENTS

- New jointless bridge improves rideability and reduces long-term maintenance costs.
- Channel under the bridge will more closely match the upstream and downstream cross section.
- Increase in bridge opening reduces the design peak flood elevation upstream of the bridge.
- Reduction in the number of piers in the channel will help to improve localized scour and reduce potential for debris blockage.
- Increase in bridge opening area reduces the velocity of water flow and thus reduces overall erosion in the channel.

Legend

	Existing Bridge
	Proposed Bridge
	Proposed Approach Pavement Slab
	North Branch Chicago River

Conceptual Construction Staging

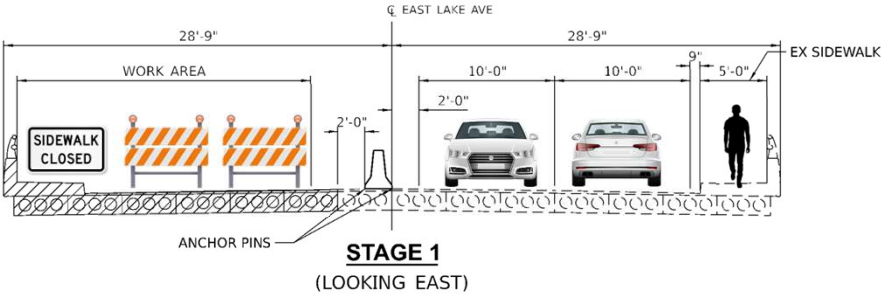


Stage I:

- Shift westbound traffic to the south side of the road. Maintain one lane of traffic in each direction.
- Close the existing sidewalk on the northern portion of the road.
- Construct the northern portion of the East Lake Ave bridge and sidewalk.
- Close Saint Peter and Paul Greek Orthodox Church eastern driveway. Full access to church will still be provided via the western driveway.
- Maintain Glenview Fire Station access (both driveways).
- Maintain access to Blue Star Memorial Woods parking lot.
- Anticipated duration 3 months (Spring 2026).

LEGEND:

-  WORK AREA
-  EXISTING TRAFFIC DIRECTION
-  PROPOSED TRAFFIC DIRECTION



Conceptual Construction Staging

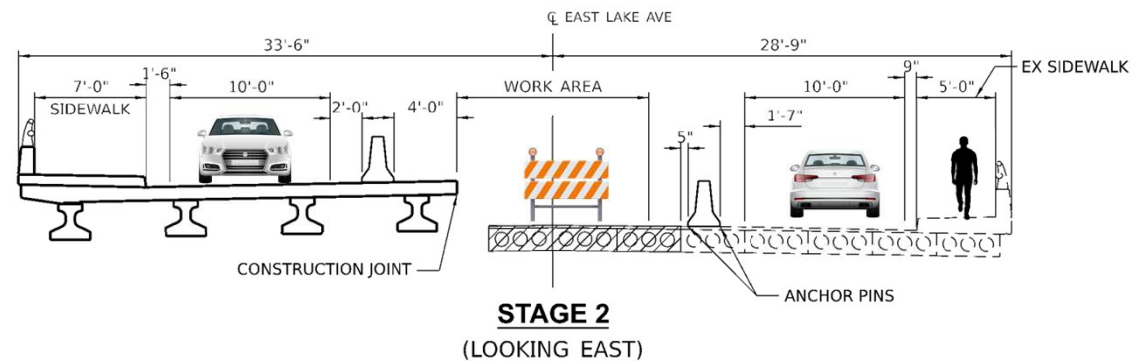


Stage 2:

- Shift westbound traffic to the newly constructed north side of the bridge.
- Maintain one lane of traffic in each direction.
- Construct middle portion of the East Lake Avenue bridge.
- Re-open Saint Peter and Paul Greek Orthodox Church eastern driveway.
- Maintain Glenview Fire Station access (both driveways).
- Maintain access to Blue Star Memorial Woods parking lot.
- Anticipated duration 3 months (Summer 2026).

LEGEND:

-  WORK AREA
-  EXISTING TRAFFIC DIRECTION
-  PROPOSED TRAFFIC DIRECTION



Conceptual Construction Staging

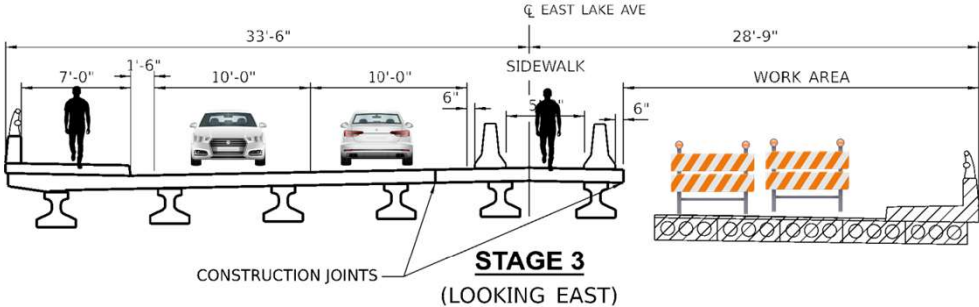


Stage 3:

- Shift eastbound traffic to the newly constructed north side of the bridge.
- Maintain one lane of traffic in each direction.
- Construct the southern portion of the East Lake Ave bridge and multi-use path.
- Saint Peter and Paul Greek Orthodox Church driveways remain open.
- Maintain Glenview Fire Station access (both driveways).
- Maintain access to Blue Star Memorial Woods parking lot.
- Anticipated duration 3 months (Fall 2026).

LEGEND:

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION



Project Schedule



We are here



- Began April 2022
- Engineering Analysis
- Review of Impacts
- Public Information Open House in January 2025
- Completion of Study in Early 2025

- Anticipated to begin Early 2025
- Design Plans
- Utility relocations
- Land Acquisition (if required)
- Anticipated completion of Phase II in Summer 2025

- Anticipated to begin Spring 2026
- Anticipated completion by end of 2026



SUBMIT COMMENTS

Share your comments:

1. Fill out a comment form and drop it in the box marked COMMENTS.

OR

2. Email your comments to Edward Glowinski
(edward.glowinski@cookcountyil.gov)
or mail to:

Cook County Department of Transportation
And Highways

ATTN: Edward Glowinski
69 W. Washington Street, 23rd Floor,
Chicago, IL 60602
by

February 12, 2025



East Lake Avenue Bridge over North Branch Chicago River Comment Form

The Cook County Department of Transportation and Highways (DoTH) would like your feedback on the East Lake Avenue Bridge over North Branch Chicago River project! Please return this comment form to a project team member or email Edward Glowinski at edward.glowinski@cookcountyil.gov to submit comments electronically.

<i>Please Print</i>			
Name: _____			
Affiliation: _____			
Address: _____			
City: _____		State: _____	Zip: _____
Phone No. _____			
E-Mail Address: _____			



For more information on this project please visit:
www.eastlakeavebridge.com

For more information on other Cook County construction projects please visit:
www.cookcountyil.gov/service/highway-construction-projects



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