

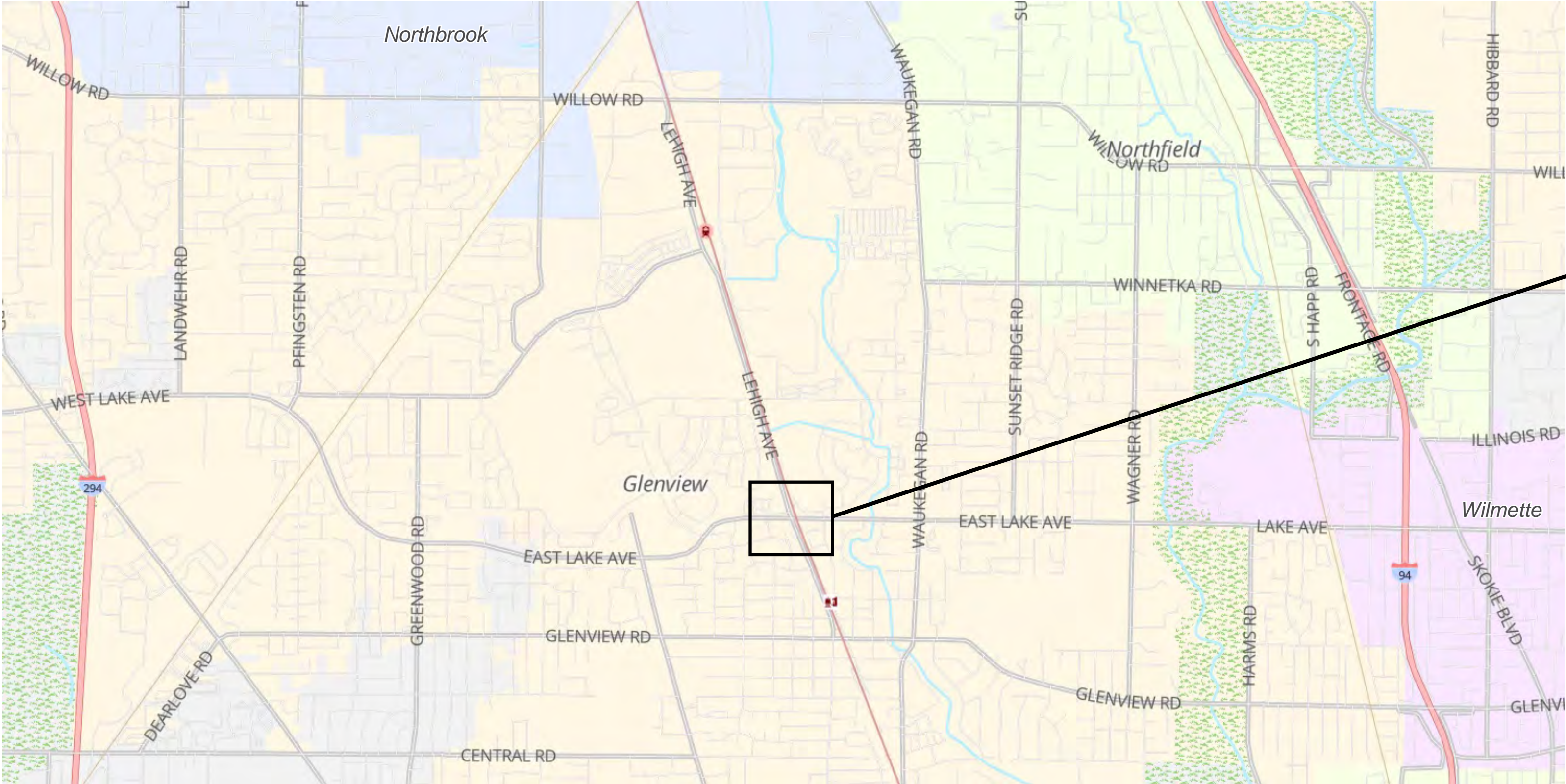


Welcome

Lehigh Avenue Bridge over East Lake Avenue

PUBLIC INFORMATIONAL MEETING
July 20th, 2023

Project Location



Project Purpose and Objectives



Purpose

- The Lehigh Avenue bridge over East Lake Avenue has been in place since 1961 and is an important route which connects traffic to the Glenview Metra Station to the south and residential housing to the north.
- The current condition of the structure warrants a replacement of the structure.

Objectives

- The community will benefit from a new structure with the latest safety standards.
- The proposed improvements focus on raising the rating of the bridge through complete superstructure and substructure removal.
- The improvements also focus on maintaining and improving sidewalks and multi-use paths.



Bridge Existing Condition

- Current bridge was constructed in 1961 and rehabilitated in 1986
- Bridge Type: PPC deck beam superstructure on closed abutments
- Bridge is operable with no restrictions; however, the superstructure is rated in critical condition
- Bridge has never undergone a major rehabilitation



PPC beam spall with exposed and broken strands



Southwest Wingwall map cracking and spalling

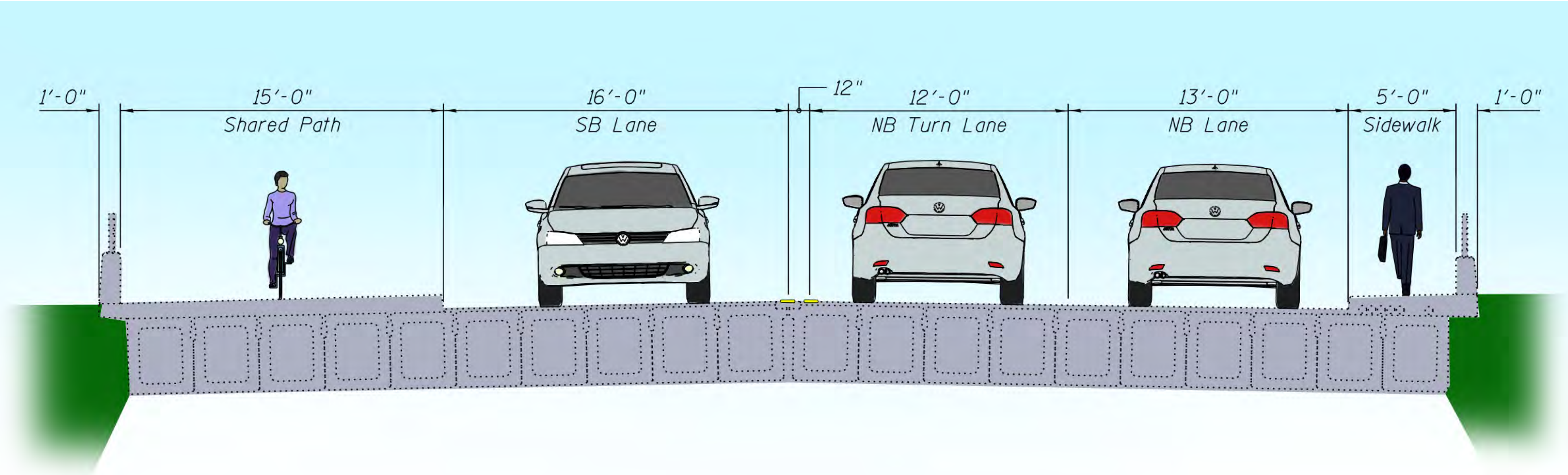


Typical deck condition with spalls with exposed reinforcement

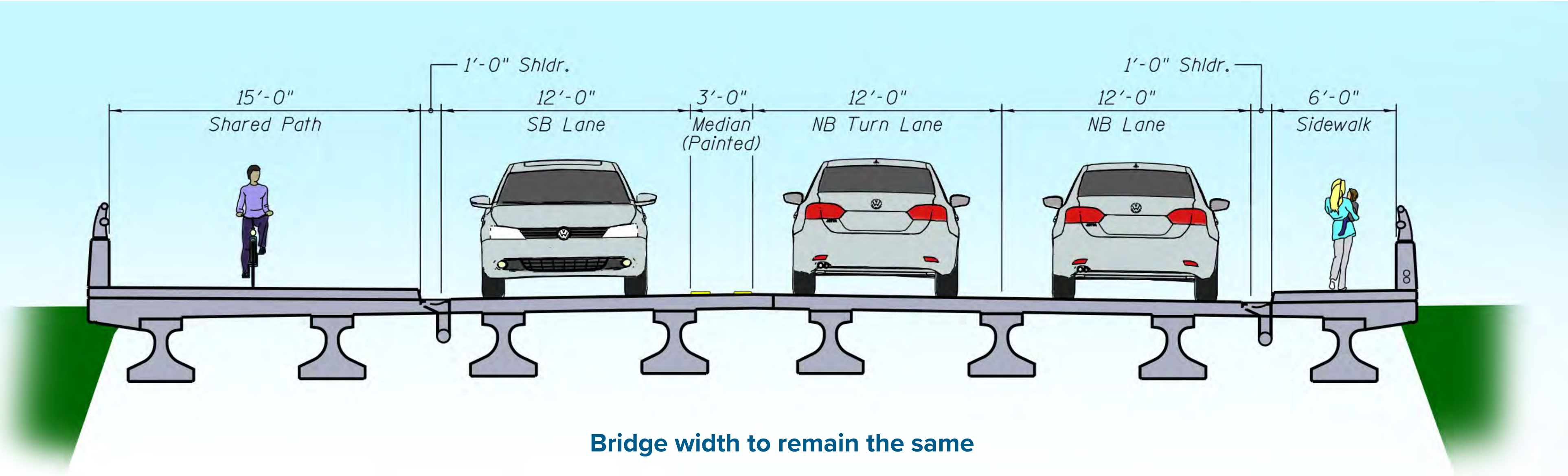


Northwest Wingwall map cracking, delaminations, and spalling

Existing Conditions



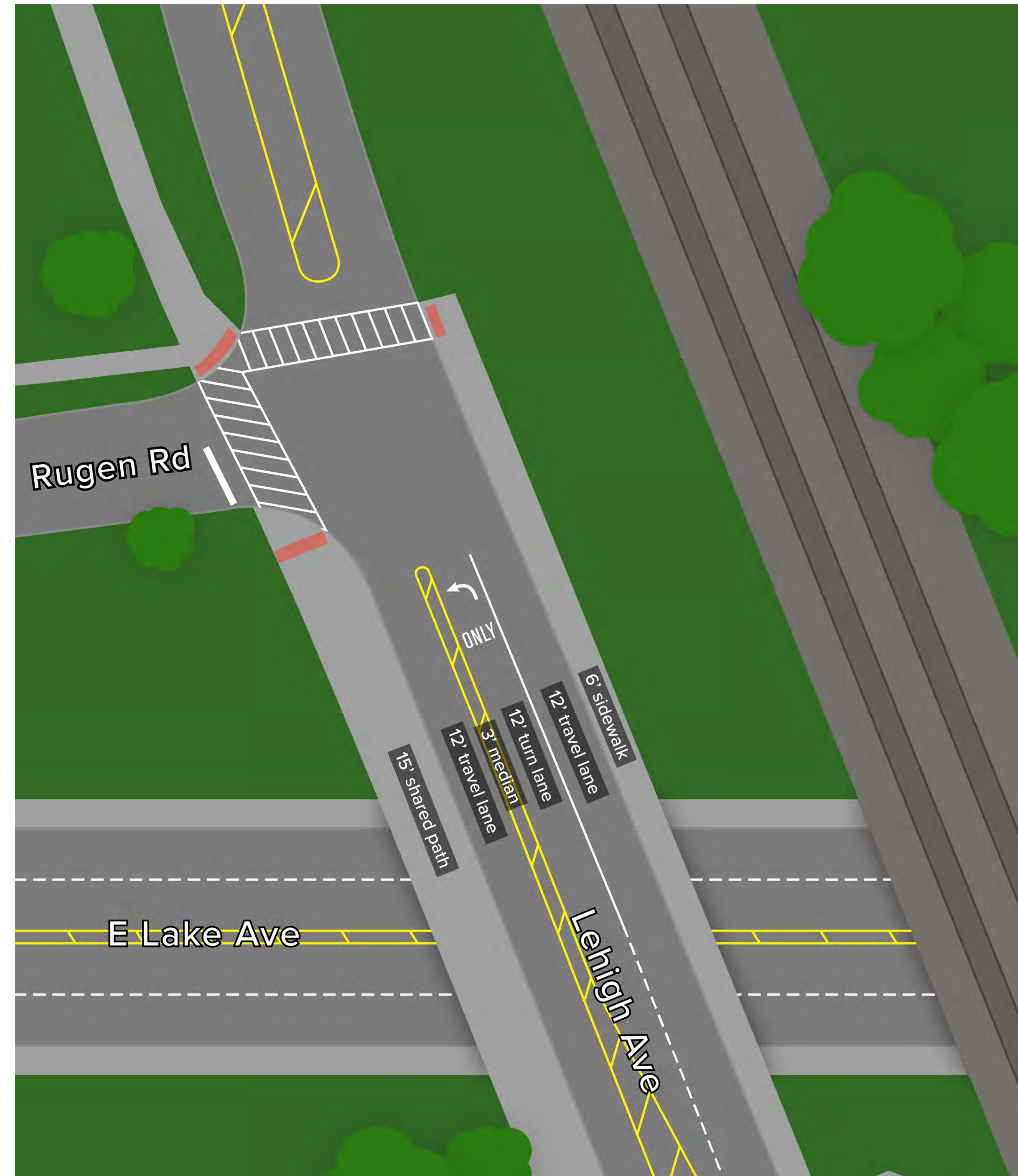
Preferred Alternative



Preferred Alternative

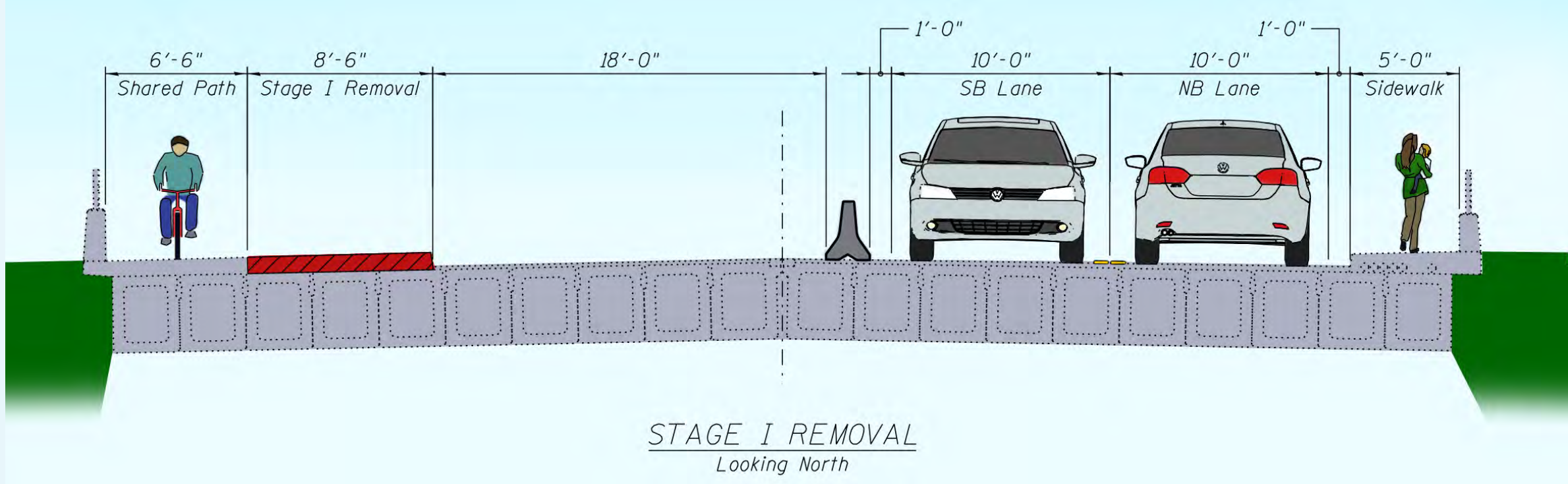
Improvements

- Bridge superstructure replacement
- Bridge substructure replacement
- Increase east sidewalk width to 6'-0"
- Increase median width to 3'-0"
- Improving alignment for northbound traffic
- Update structure to current design standards



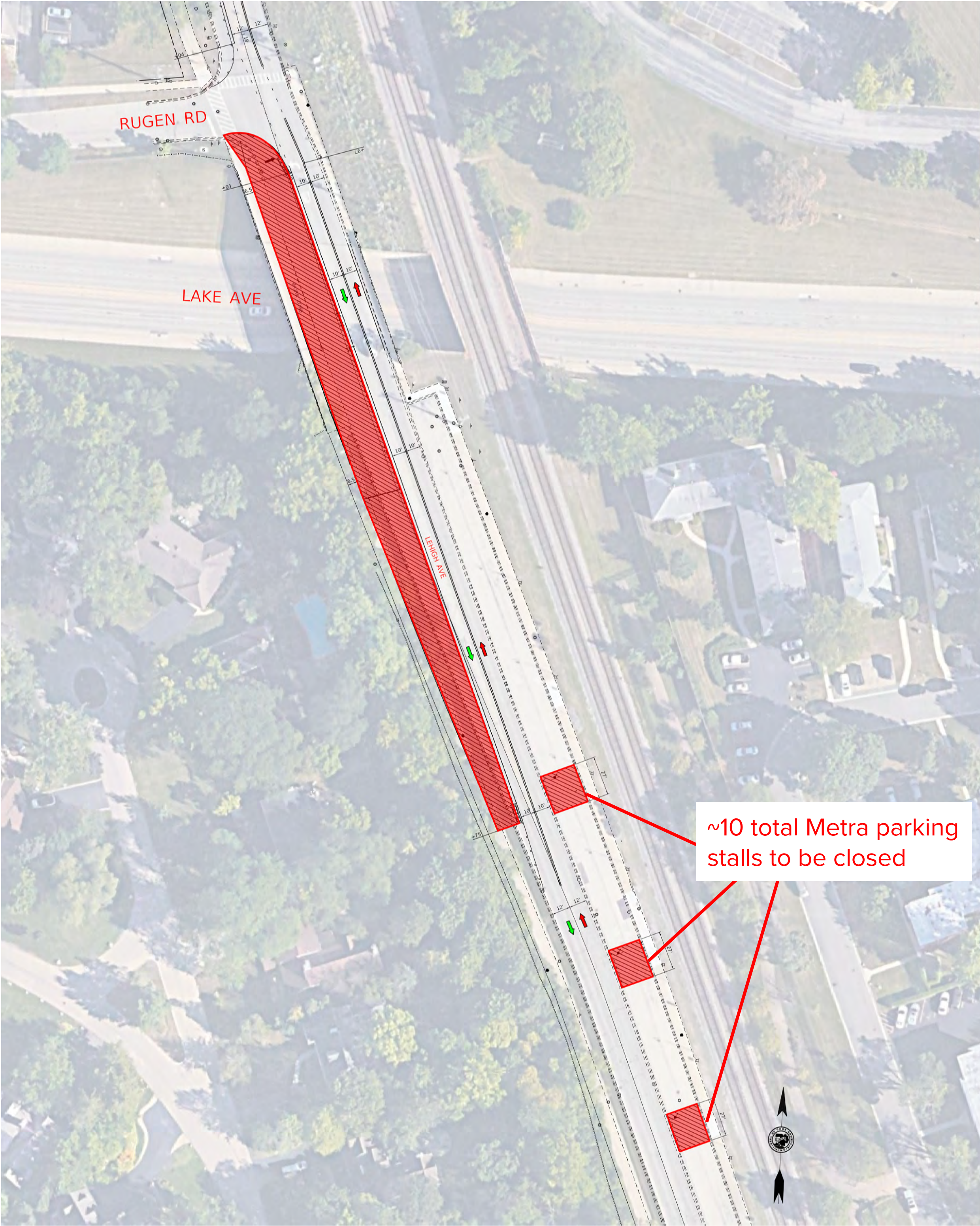
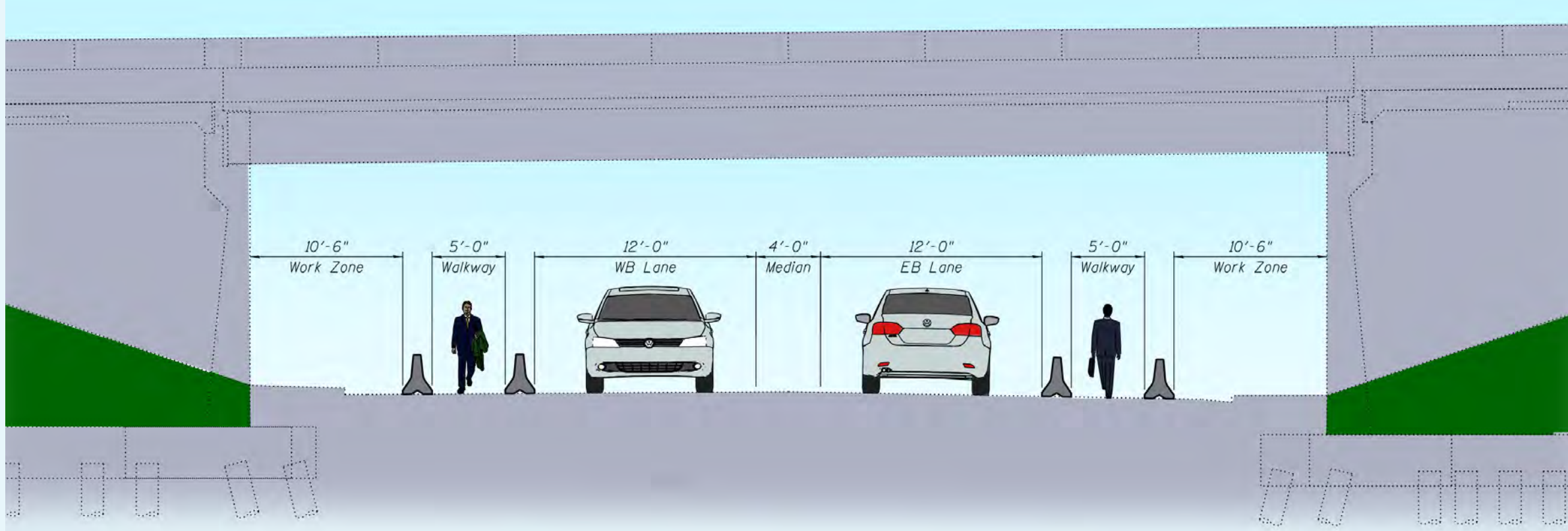
Stage I: Removal (Anticipated Duration: 1 Month)

- All traffic moved to east half of structure with one northbound and one southbound lane
- West sidewalk width reduced to 6'-6"
- East half of structure to be demolished
- Access to Rugen Road will be maintained
- Approximately 10 Metra spots to be closed



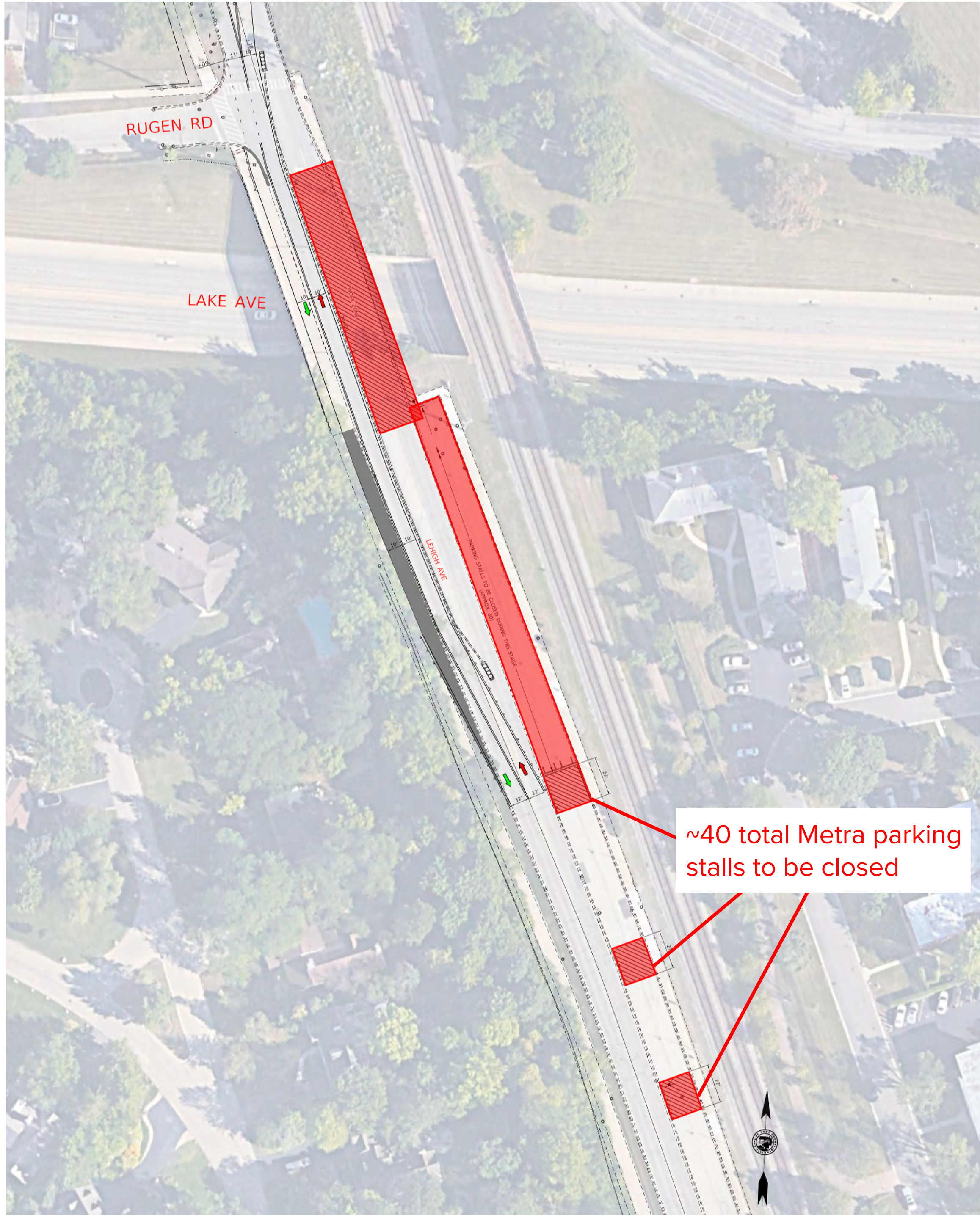
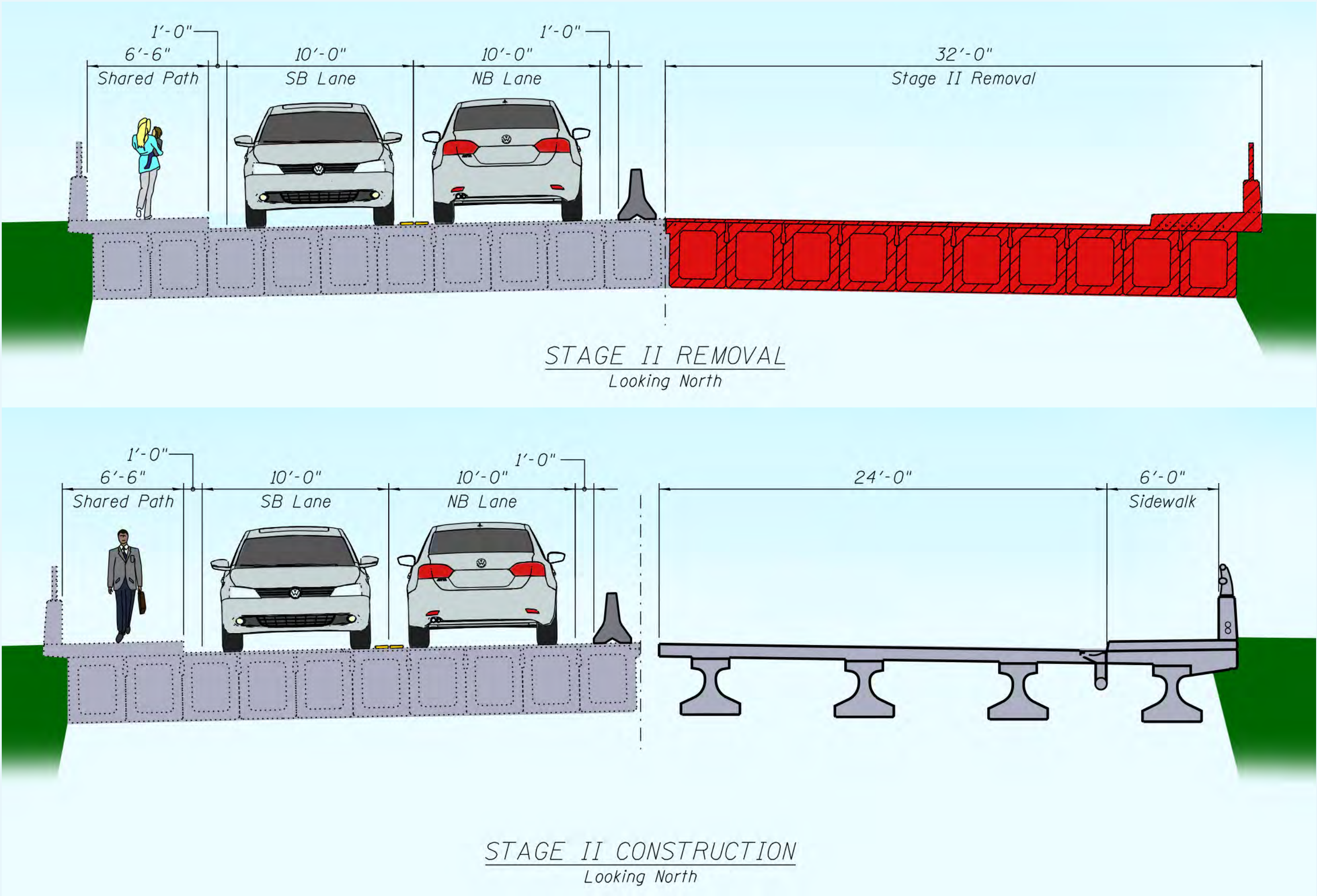
East Lake Avenue Construction

- Traffic on East Lake Avenue will be reduced to one eastbound and one westbound lane.
- 5'-0" wide walkway protected by temporary concrete barriers will be in place in both directions.
- Access to the Pearson entrance and Tall Tree Road will be maintained



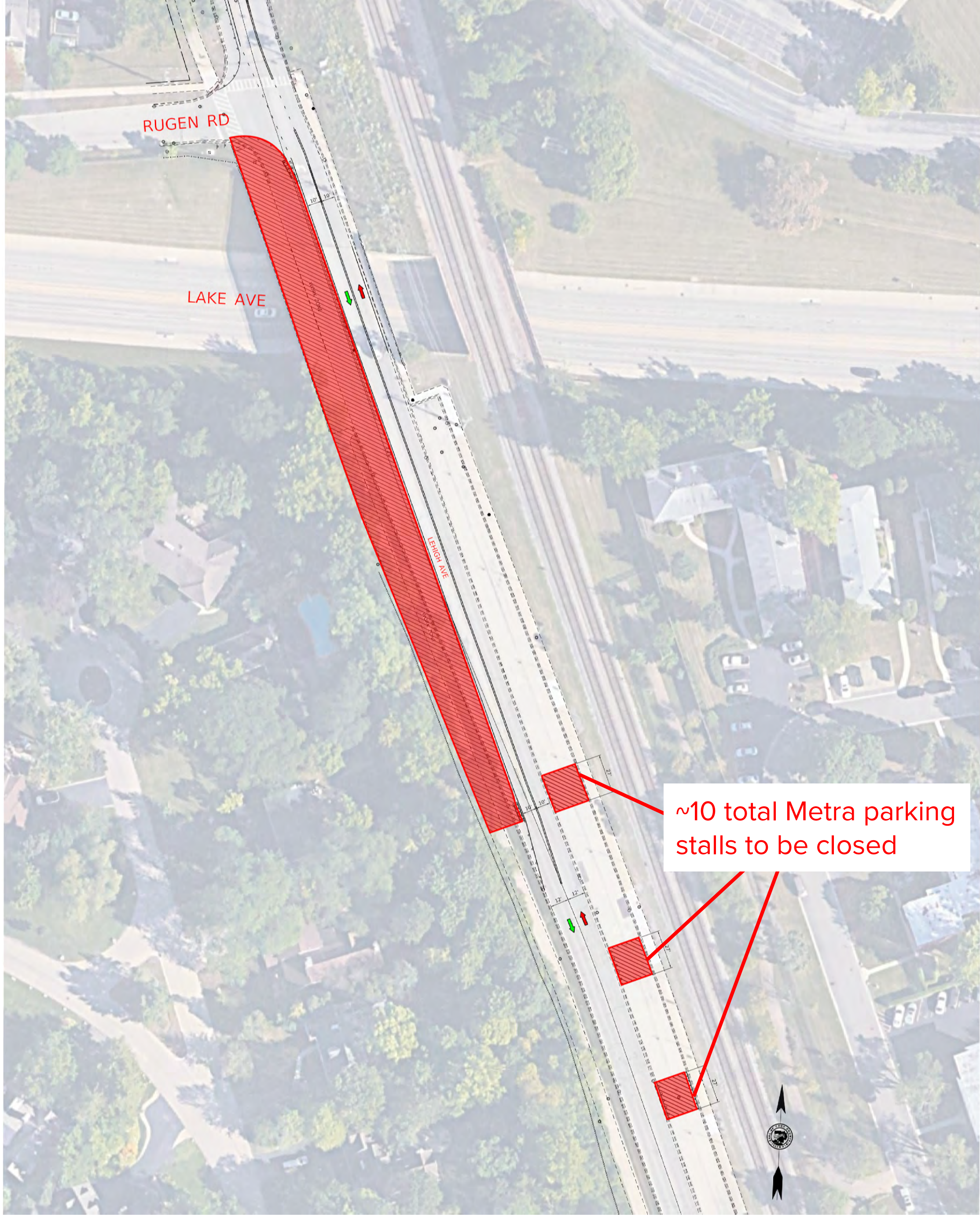
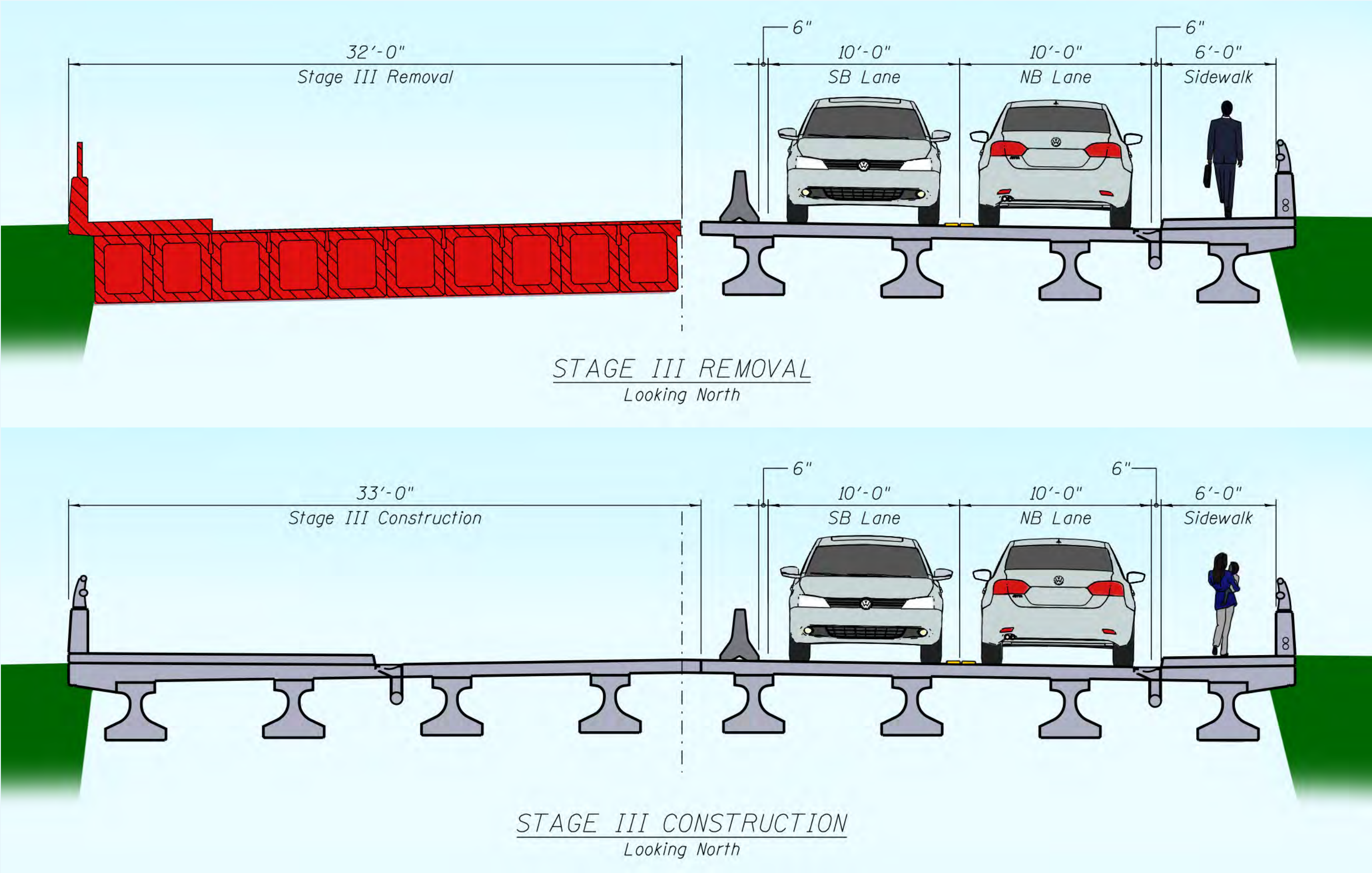
Stage II: Removal & Construction (Anticipated Duration: 4-5 Months)

- Traffic moved to west side of structure with one northbound and one southbound lane
- East half of structure to be demolished and new structure constructed
- Access to Rugen Road will be maintained
- Approximately 40 Metra spots to be closed



Stage III: Removal & Construction (Anticipated Duration: 4-5 Months)

- Traffic moved to east half of structure with one northbound and one southbound lane
- West half of structure to be demolished and new structure constructed
- Access to Rugen Road will be maintained
- Approximately 10 Metra spots to be closed





Preliminary Engineering

- Began January 2023
- Engineering Analysis
- Review of Impacts
- Public Information Meeting July 20th, 2023
- Preliminary engineering completion anticipated August 2023

Design

- Anticipated to begin Summer 2023
- Design Plans
- Secure Easements
- Utility relocations
- Design completion anticipated Fall 2024

Construction

- Anticipated to begin Spring 2025

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 **contact@lehighavebridgeimprovement.com**

by August 20th, 2023

Thank you.

 **Lehigh Avenue Bridge over East Lake Avenue Comment Form**

The Cook County Department of Transportation and Highways (DoTH) would like your feedback on the Lehigh Avenue Bridge over East Lake Avenue project! Please return this comment form to a project team member or visit www.lehighavebridgeimprovement.com to submit comments electronically.

Please Print		
Name:		
Affiliation:		
Address:		
City:	State:	Zip:
Phone No.:		
E-Mail Address:		

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

For more information on this project please visit lehighavebridgeimprovement.com

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