



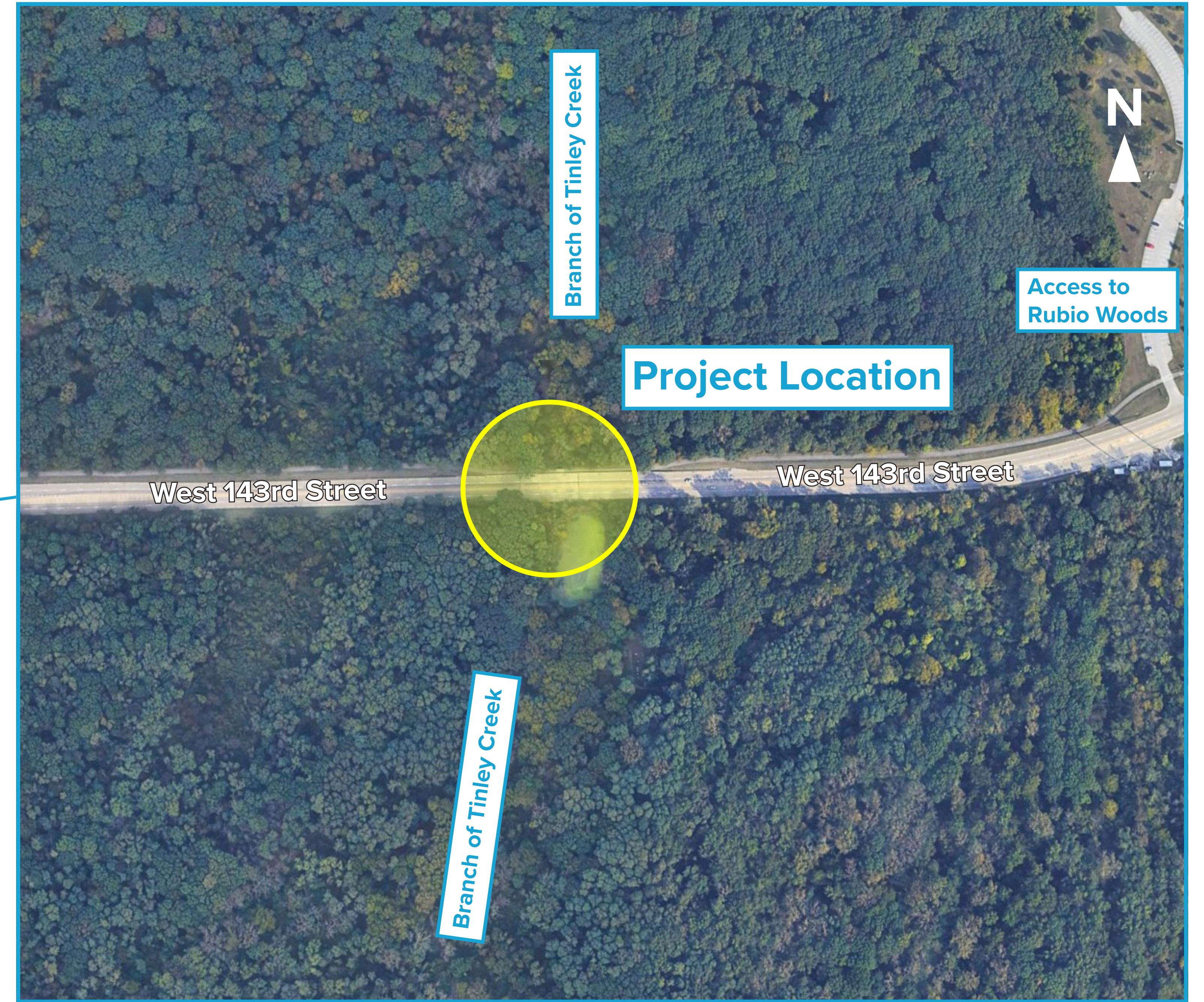
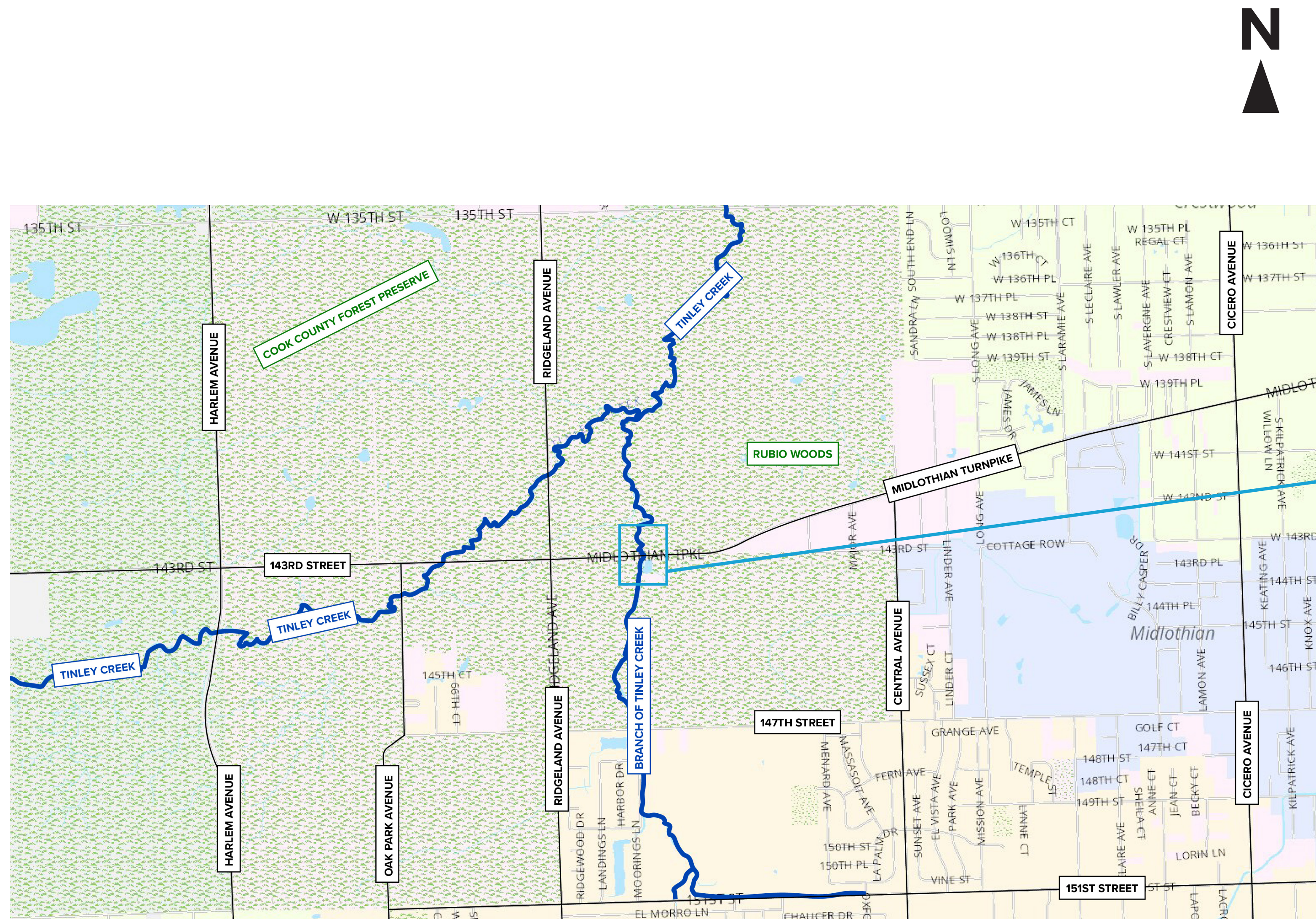
Welcome

143rd Street Bridge over Branch of Tinley Creek

PUBLIC INFORMATIONAL MEETING

August 1st, 2023

Project Location



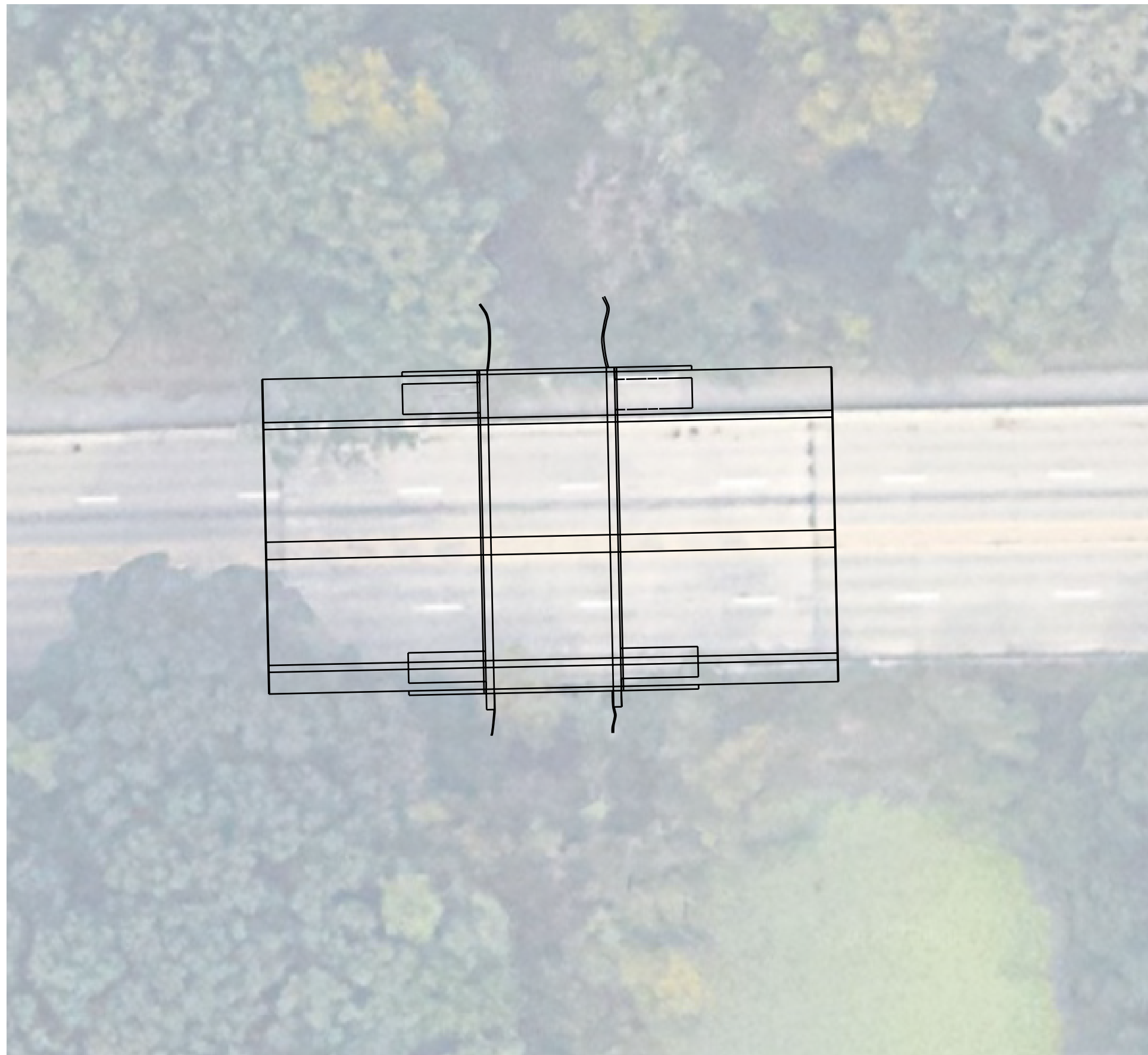


Purpose

- The replacement of the 143rd Street Bridge over Branch of Tinley Creek is needed in order to ensure that the bridge continues to provide a safe travel option for users of both the roadway and sidewalks, while preserving all travel lanes, the sidewalk, and the shared-use path.
- Portions of the the bridge have been in place since 1931 and the bridge is reaching the end of its service life, needing replacement.

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 and replacement.
- The improvements also focus on maintaining and improving safety for the multi-use path.



Bridge Existing Condition

- Bridge originally constructed in 1931
- Later reconstructed in 1987, and rehabilitated in 1997 and 2008
- Bridge type: Precast Prestressed Concrete Deck beam superstructure on closed abutments
- Bridge carries two lanes of traffic in each direction with a shared-use path on the north side



Typical Precast Prestressed Concrete beam delamination



Typical vertical crack in parapets

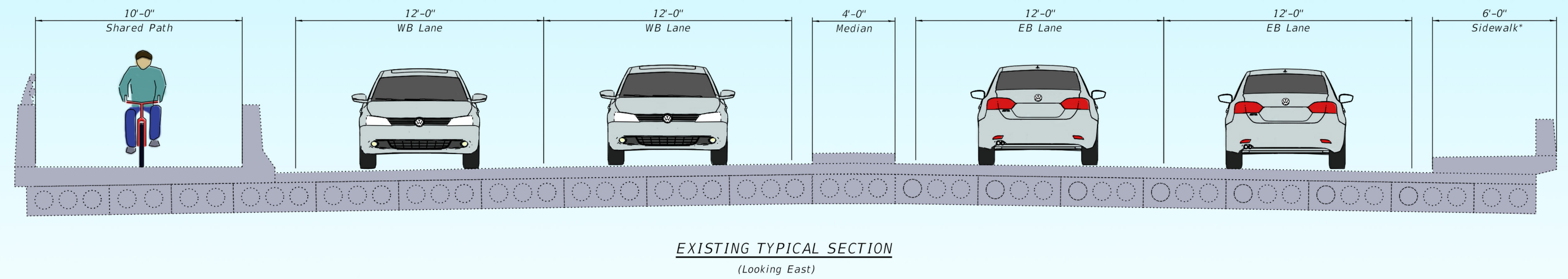


Abutment backwall spalling near Precast Prestressed Concrete

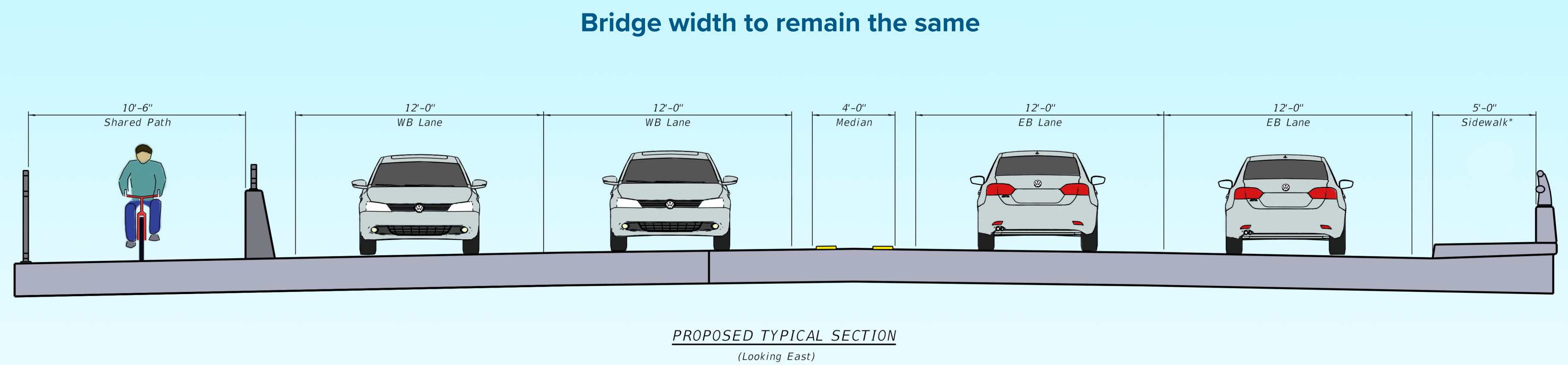


Delamination and rust staining on underside of Precast Prestressed Concrete beam

Existing Conditions



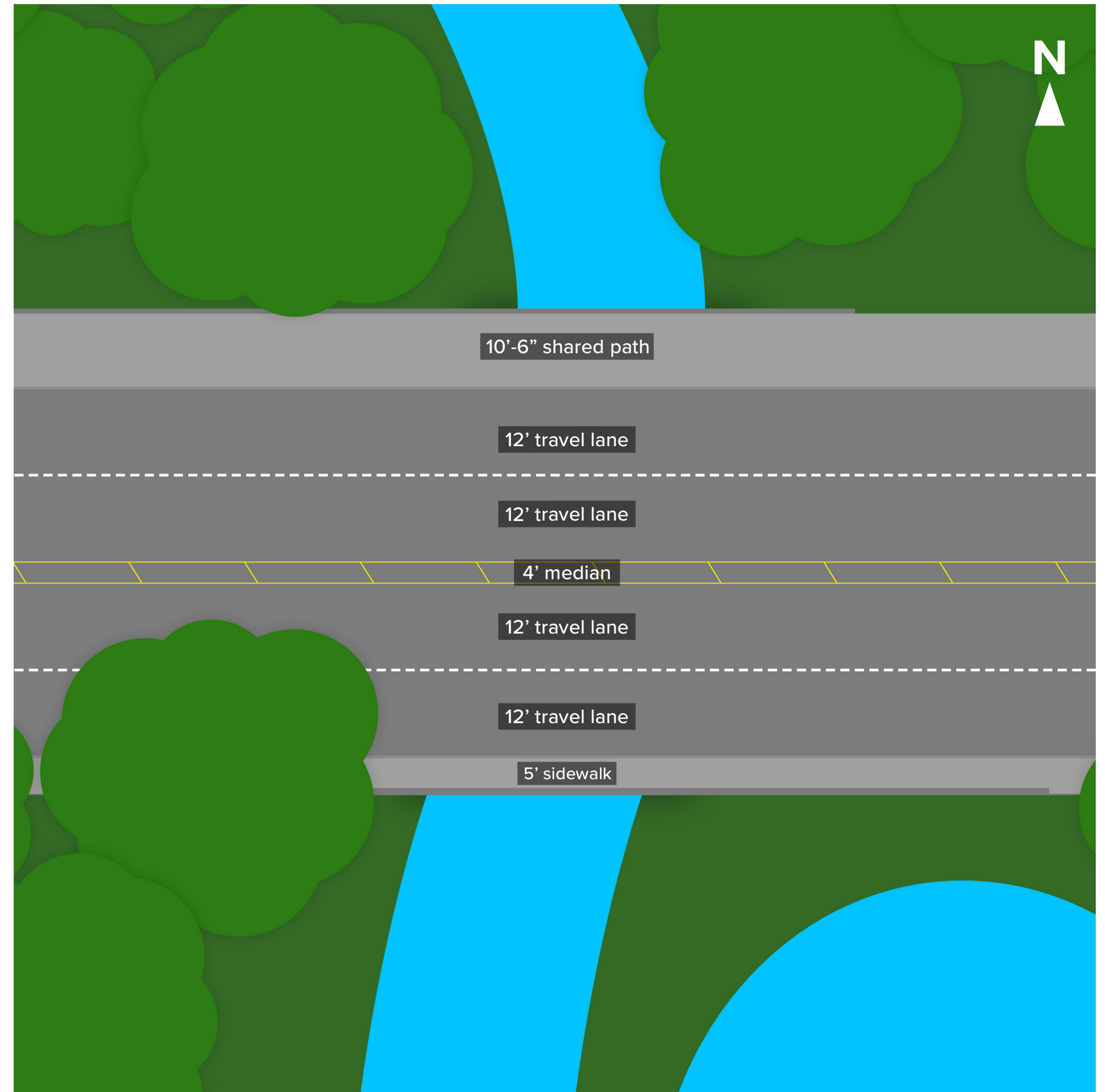
Preferred Alternative



*On south side, sidewalk is available within bridge limits only.

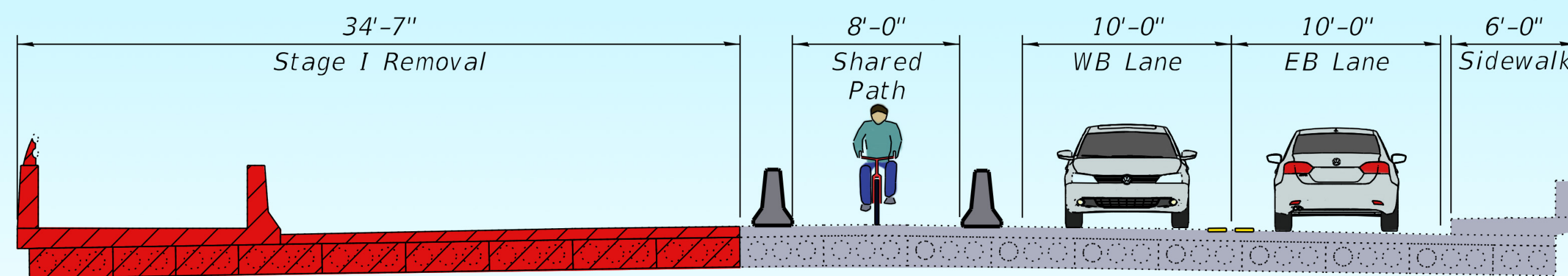
Improvements

- Bridge superstructure replacement
- Bridge substructure replacement
- Maintain existing roadway and shared-use path widths
- Replacement of barrier between roadway and shared-use path
- Update structure to current design standards with structure replacement
- Actively engage with the Forest Preserve to minimize impacts to surrounding area

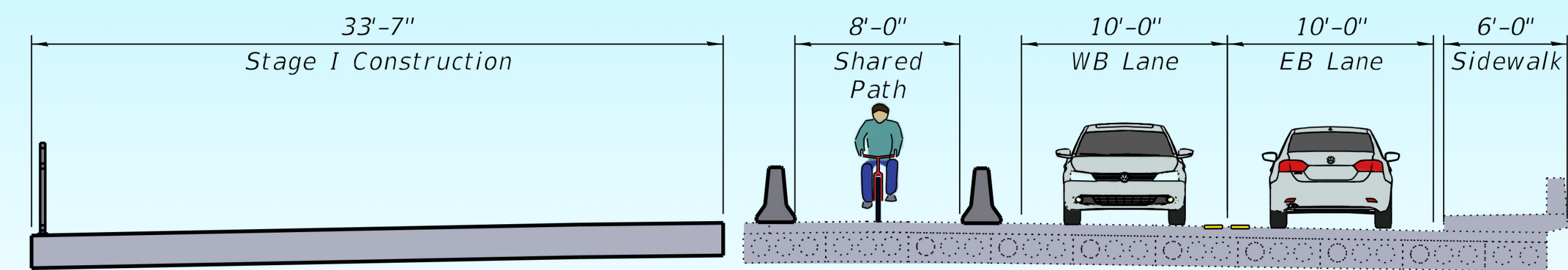


Stage I: Removal & Construction (Anticipated Duration: 4 Months)

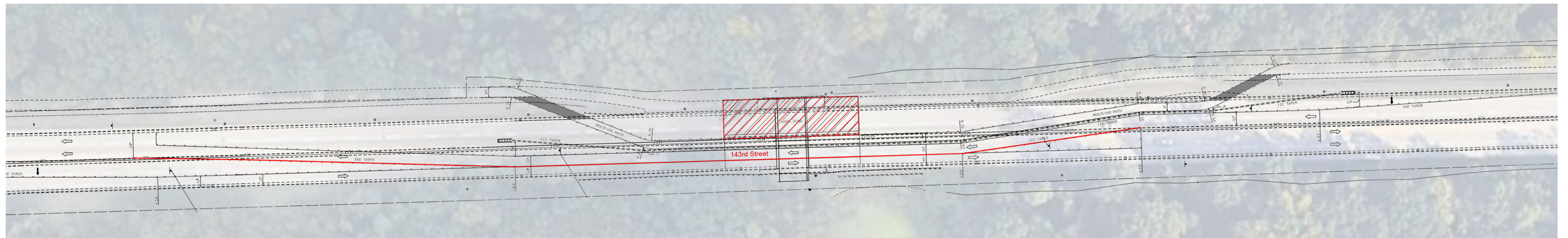
- All traffic moved to south side of structure with one eastbound and one westbound lane
- North multi-use path width reduced to 8'-0"
- North half of structure demolished and replaced



STAGE I REMOVAL
(Looking East)

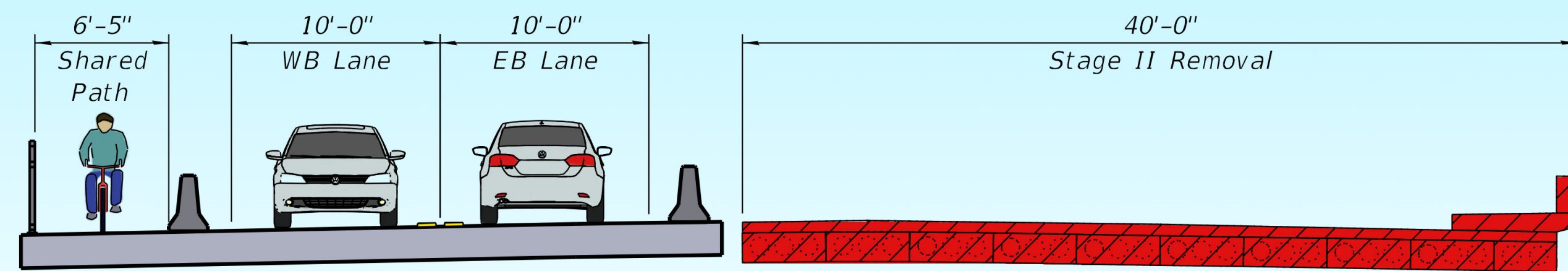


STAGE I CONSTRUCTION
(Looking East)

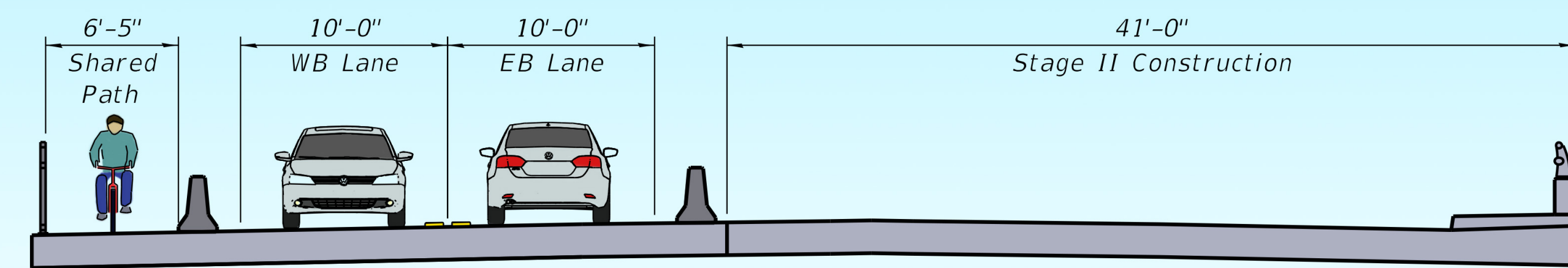


Stage II: Removal & Construction (Anticipated Duration: 4 Months)

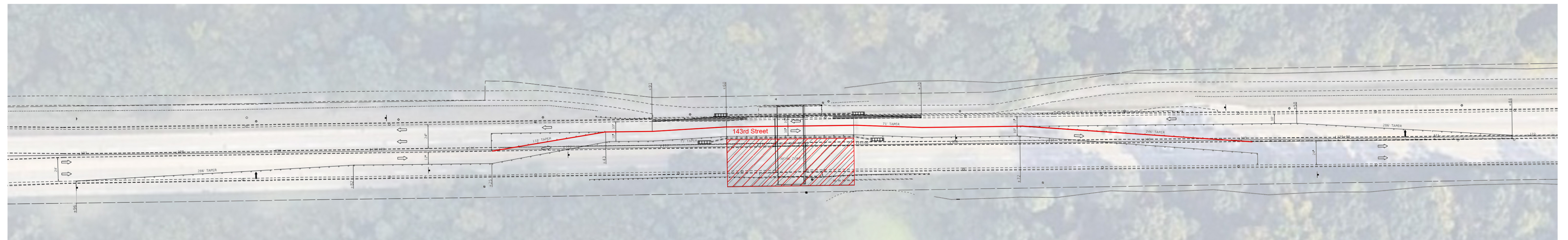
- Traffic moved to north side of structure with one eastbound and one westbound lane
- North multi-use path width reduced to 6'-5"
- South half of structure demolished and replaced



STAGE II REMOVAL
(Looking East)

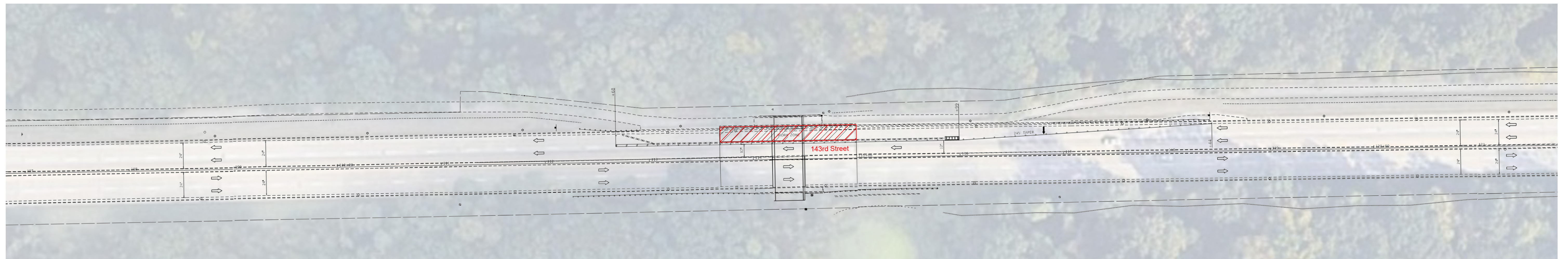
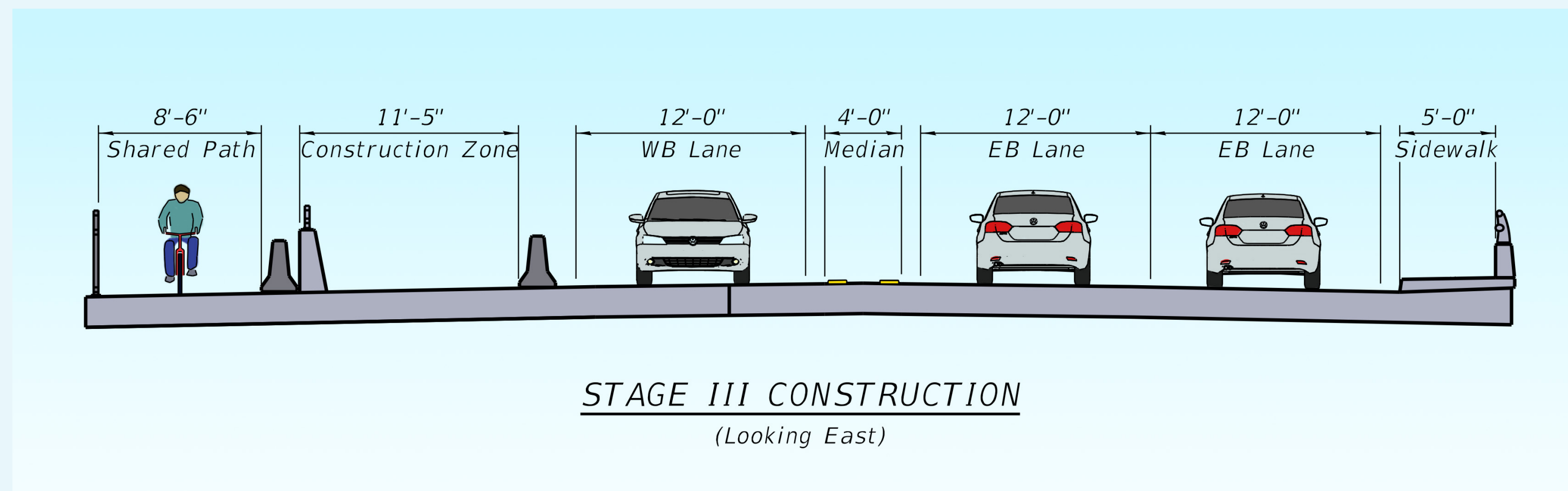


STAGE II CONSTRUCTION
(Looking East)



Stage III: Construction (Anticipated Duration: 1-2 Months)

- Outside westbound lane will be closed
- North multi-use path increased to 8'-6"
- Concrete barrier between shared path and roadway constructed





Preliminary Engineering

- Began April 2022
- Engineering Analysis
- Review of Impacts
- Public Information Meeting August 1st, 2023
- Preliminary engineering completion anticipated August 2023

Design

- Anticipated to Begin Fall 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@143rdbridgeimprovement.com** by August 31st, 2023

Thank you.

143rd Street Bridge Over Branch of Tinley Creek Comment Form

The Cook County Department of Transportation and Highways (DoTH) would like your feedback on the 143rd Street Bridge Over Branch of Tinley Creek project! Please return this comment form to a project team member or visit <https://143rdbridgeimprovement.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:
143rdbridgeimprovement.com

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