



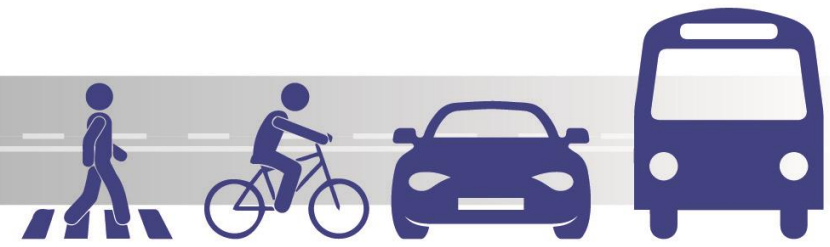
City of Wauwatosa Transportation Affairs Committee Meeting October 15, 2024

Project ID: 2135-05-01/05-02/15-00

City of Wauwatosa, W. North Avenue

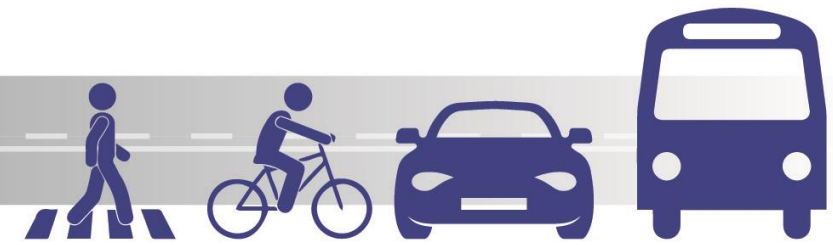
Met to Wee to N 73rd St





Topics

- Public Involvement Meeting #1
- Project Location / Existing Conditions
- Purpose & Need
- Project Scope
- Menomonee River Bridge Replacement
- Menomonee River Parkway Intersection - Alternates
- North Ave – Swan Blvd to 73rd St - Alternates
- Project Schedule
- Questions



Public Involvement Meeting #1

- When: Tuesday, October 22, 2024
 - 5 pm – 7pm
 - Open house format
 - Short Presentation at 5:30 pm
- Where: Wauwatosa Library – Firefly Room
 - 7635 W. North Ave, Wauwatosa, WI 53213
- Project Website: [Wauwatosa.net/NorthAve](https://wauwatosa.net/NorthAve)

https://engage.wauwatosa.net/north-avenue-construction

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North Avenue Reconstruction and Menomonee River Bridge Replacements

Met to Wee Lane to 73rd Street

Home / North Avenue Construction

Improving Safety and Accessibility on North Avenue

The City of Wauwatosa, in partnership with the Wisconsin Department of Transportation (WisDOT), is replacing the North Avenue bridges over the Menomonee River as well as redesigning North Avenue between N. Met to Wee Lane and N. 73rd Street. The reconstruction of the North Ave and Wauwatosa Avenue (WIS 181) intersection will be a part of a separate project.

The goal of this project is to replace aging bridge structures, address deteriorated pavement and roadway infrastructure, and improve safety and mobility for all users, including motorists, bicyclists, and pedestrians. The project team is currently gathering data before moving into the preliminary phases of design. Residents may see survey crews collecting information for design surveys, environmental studies, soil borings, traffic counts, utility locations, and other data.

The team is evaluating safety, operations, and multi-modal transportation needs for the corridor. As part of this process, they are considering different options for redesigning the North Avenue corridor, including improving the Menomonee River Parkway intersection and looking at different bike lane options, such as on-street lanes or separated bicycle facilities.

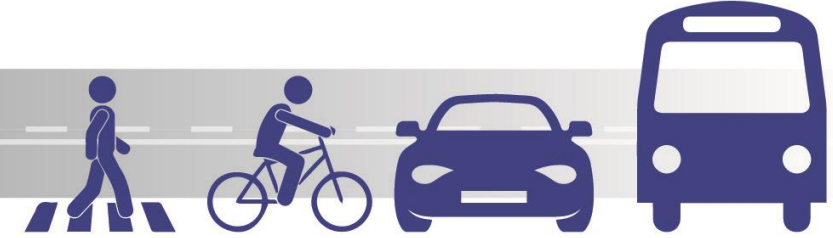
These ideas will be shared with the public for feedback at the first Public Involvement Meeting scheduled for

Contact Us

Have questions or want to learn more about the project?

- Jeni Schroeder, P.E. - City of Wauwatosa Project Manager
jschroeder@wauwatosa.net
- Andre Ost, P.E. - GRAEF, Consultant Project Manager
andre.ost@graeef-usa.com





Location & Existing Conditions

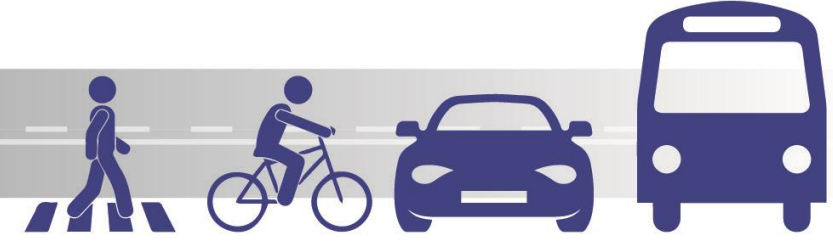
Location:

- N Met To Wee Lane to N 73rd Street
- City of Wauwatosa, Milwaukee County

Existing Conditions:

- 4 lane roadway with parking west of Swan Blvd
- 2 lane roadway with parking east of Swan Blvd
- 12,500 - 13,600 ADT (2023)
- Speed Limits:
 - 35 mph: 95th to Swan Blvd
 - 30 mph: Swan Blvd to 73rd St
- National Highway System (NHS) Route

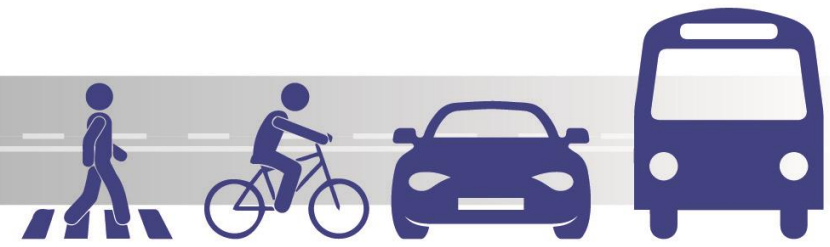




Purpose & Need

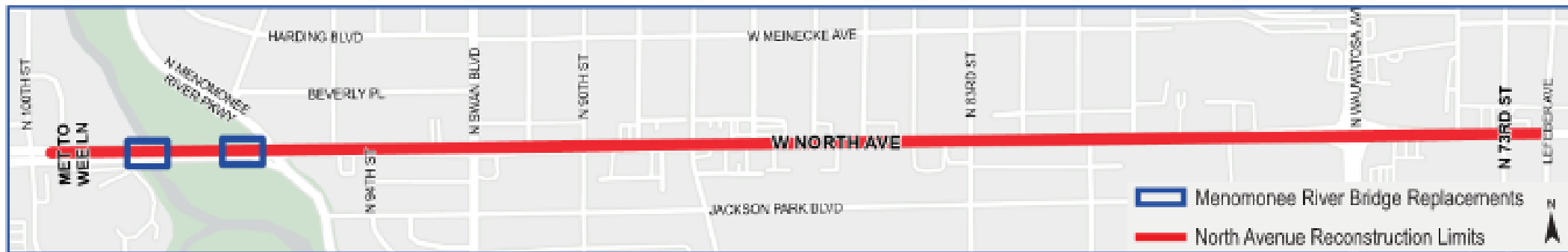
- The purpose of this project is to address the deteriorated pavement condition, structural deficiencies, aged public utilities, known safety and operational issues and substandard bike and pedestrian facilities within this section of W. North Avenue.
- Need:
 - Roadway Deficiencies & Pavement Condition
 - Geometric Deficiencies: Intersections and school drop-off
 - Safety: history of speeding and high crashes
 - Curb Ramps: need to meet current ADA
 - Structural Deficiencies: B-40-998/999 at are the end of their service life
 - Modal Interrelationships: Bicycle, pedestrian and buses for **all ages and abilities**
 - Drainage: existing storm is undersized
 - Utilities: Address aging infrastructure





Project Scope

- Replacement of structures B-40-998 (West) and B-40-999 (East) over the Menomonee River
- Reconstruction segment: pavement section with bicycle lanes either within the roadway footprint, via a multi-use trail, or as separated facilities
- Intersection of Wauwatosa Ave (WIS 181) to be reconstructed under separate WisDOT connecting highway project
- Utility replacement including storm sewer, water, sanitary, traffic signals and street lighting
- Utility work by others may take place prior to construction (Communications, Gas, Telecom, etc.)
- Construction Planned for 2027 & 2028
 - Subject to WisDOT funding





Menomonee River Bridges



Existing B40-998

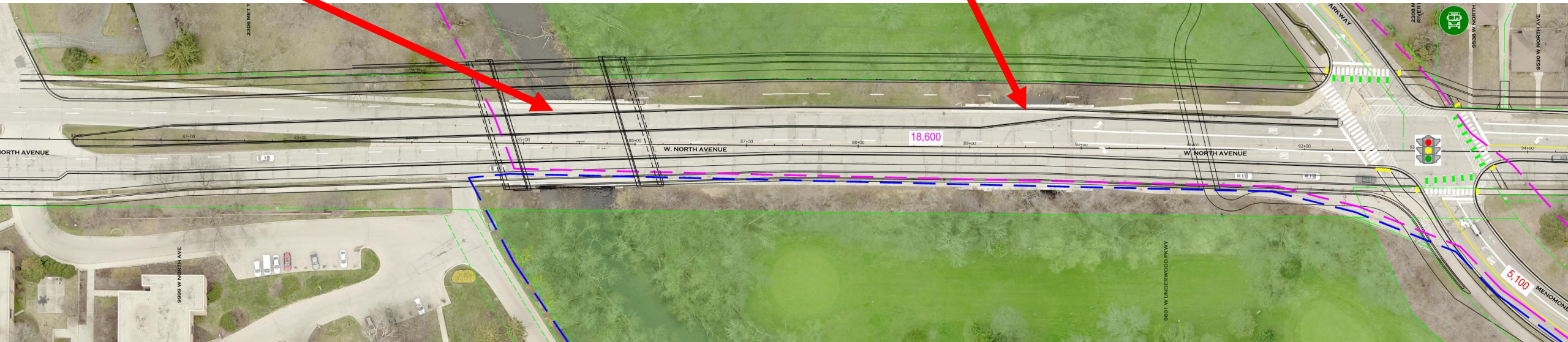
West bridge need to raise North Avenue profile +/-8ft to accommodate 100-year river flood event



Existing B40-999

East bridge need to raise North Avenue profile +/-2ft to accommodate 100-year river flood event

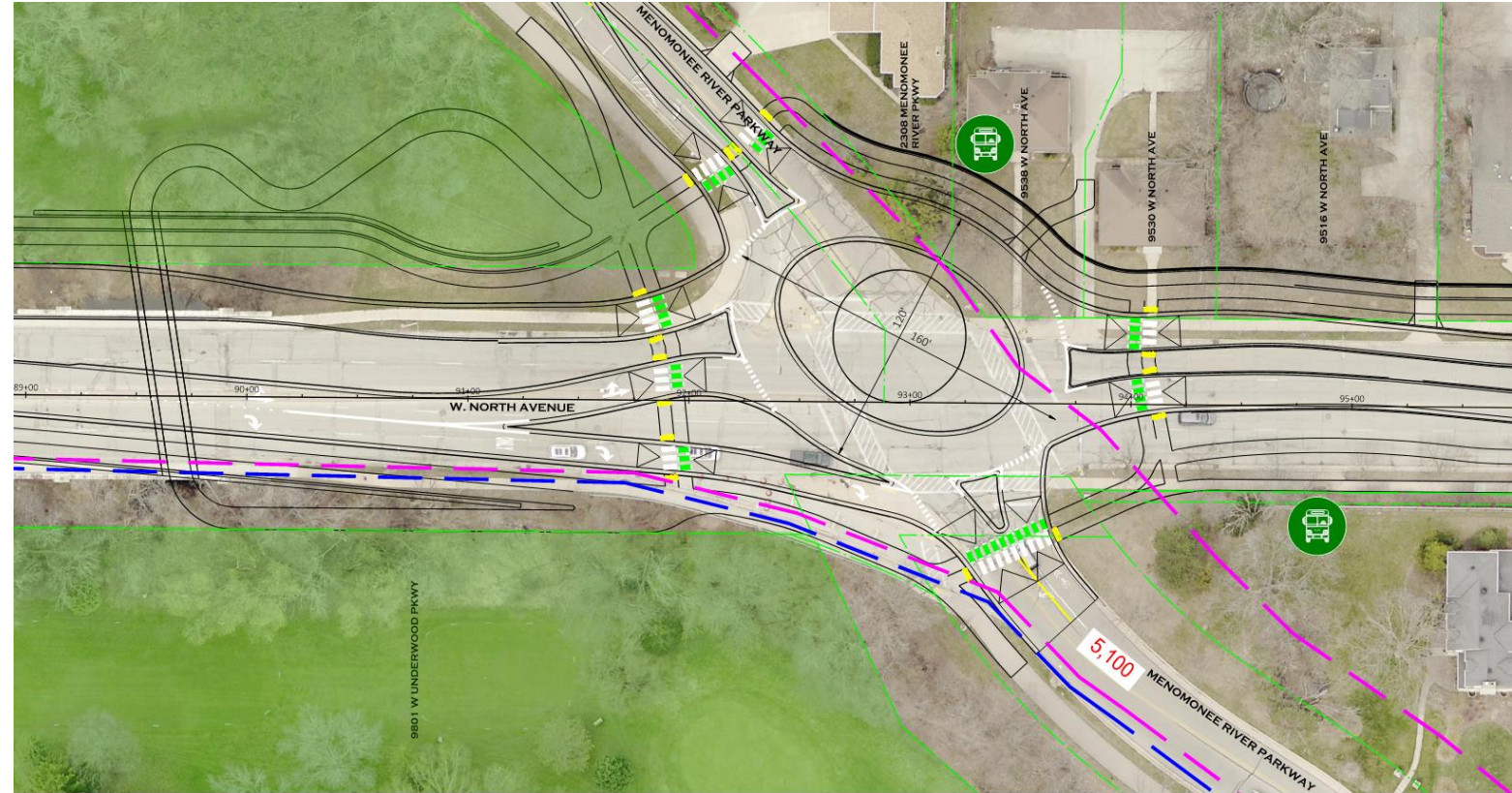
Overflow structure designed to provide flooding relief for >2year flood event and provide opportunity for Oak Leaf Trail crossing under North Ave





Menomonee River Parkway Intersection

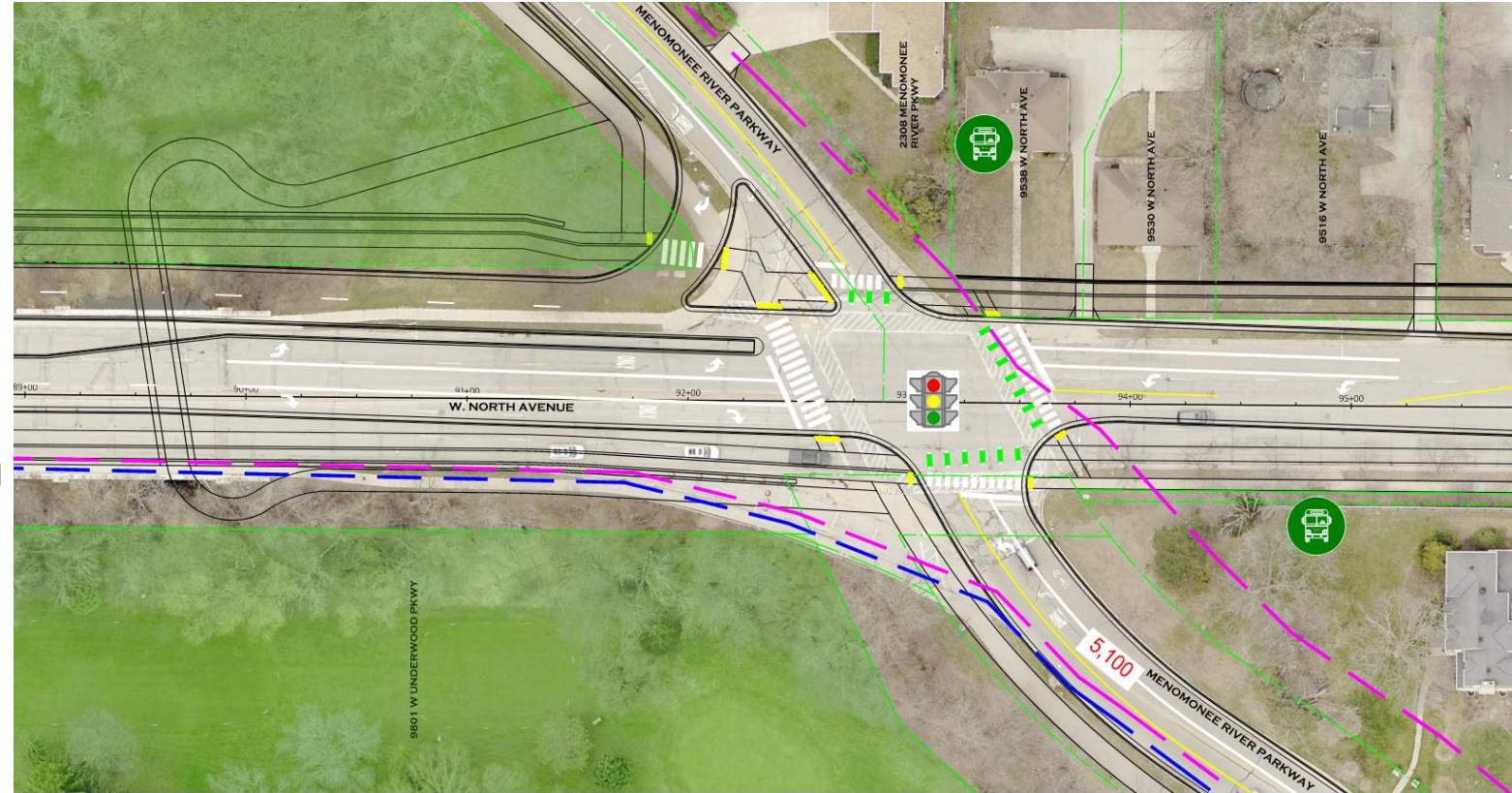
- All alternates
 - Recommend lane drop (4 to 2 lanes) at Menomonee River Parkway intersection
 - Improve safety of crossings for people biking and walking
- **Alt 1 – Single lane roundabout**
- Alt 2 – Signalized intersection with SB island
- Alt 3 – Signalized intersection without islands





Menomonee River Parkway Intersection

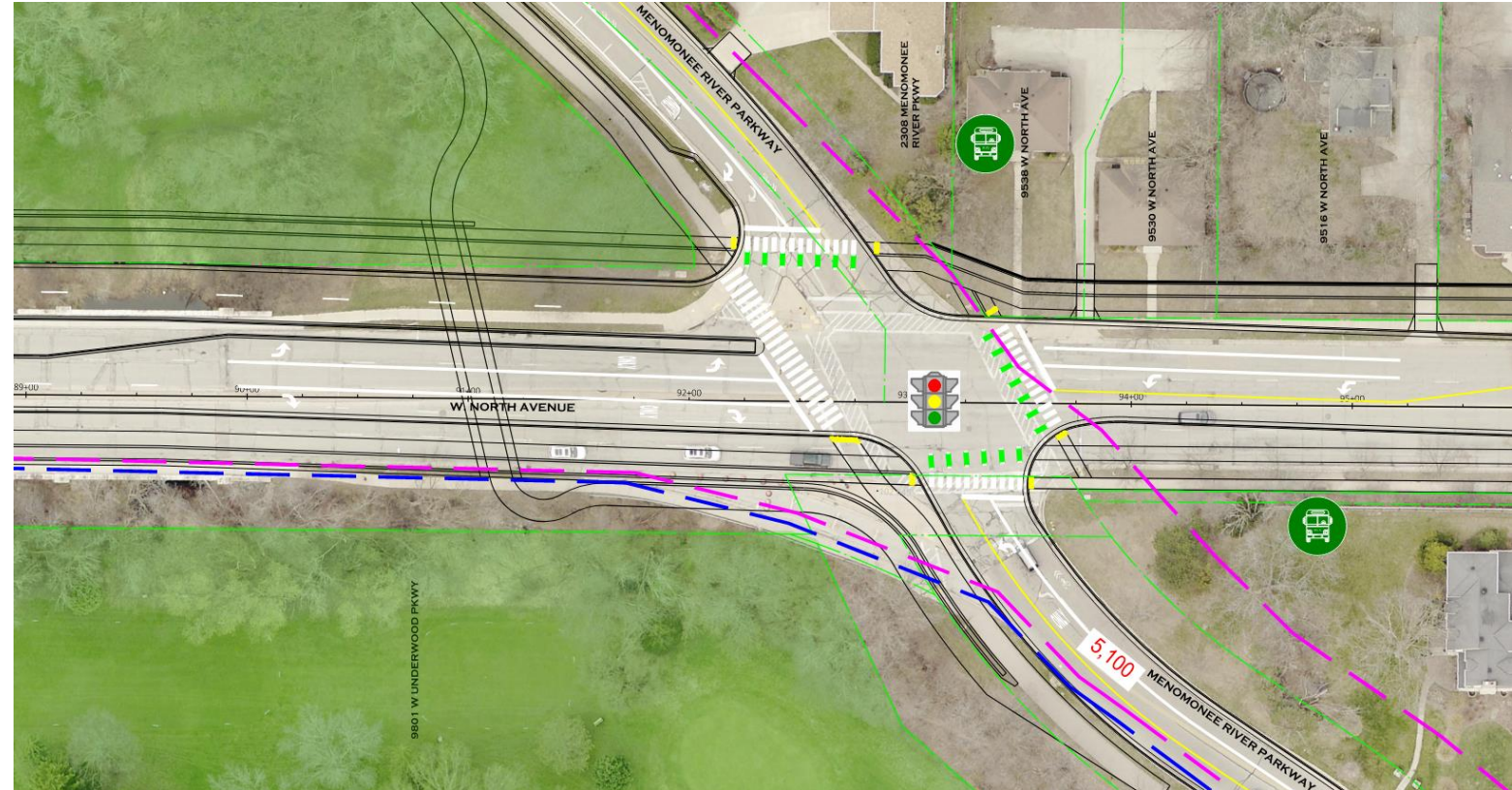
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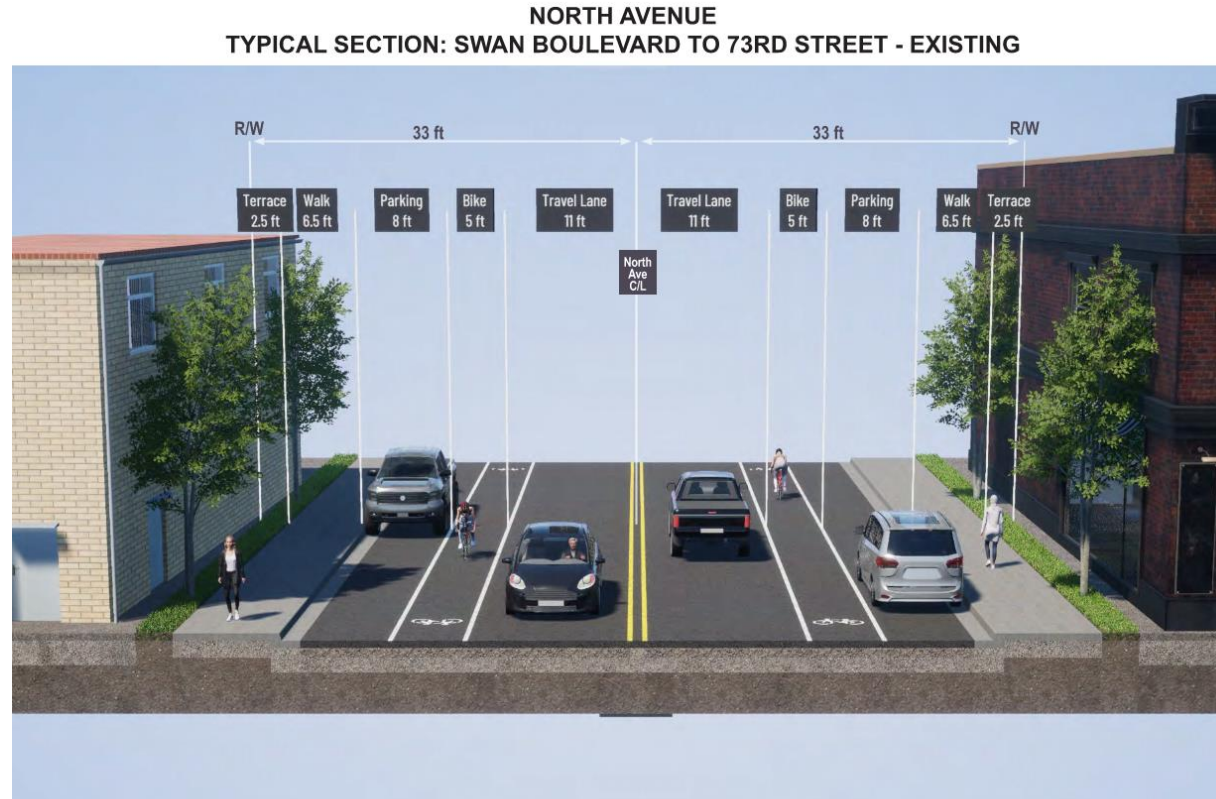




North Ave – Swan Blvd to 73rd St

Existing

- 66' Right-of-way
- On-street bike lanes
- Narrow sidewalks
- Trees behind sidewalk
- Parking on both sides



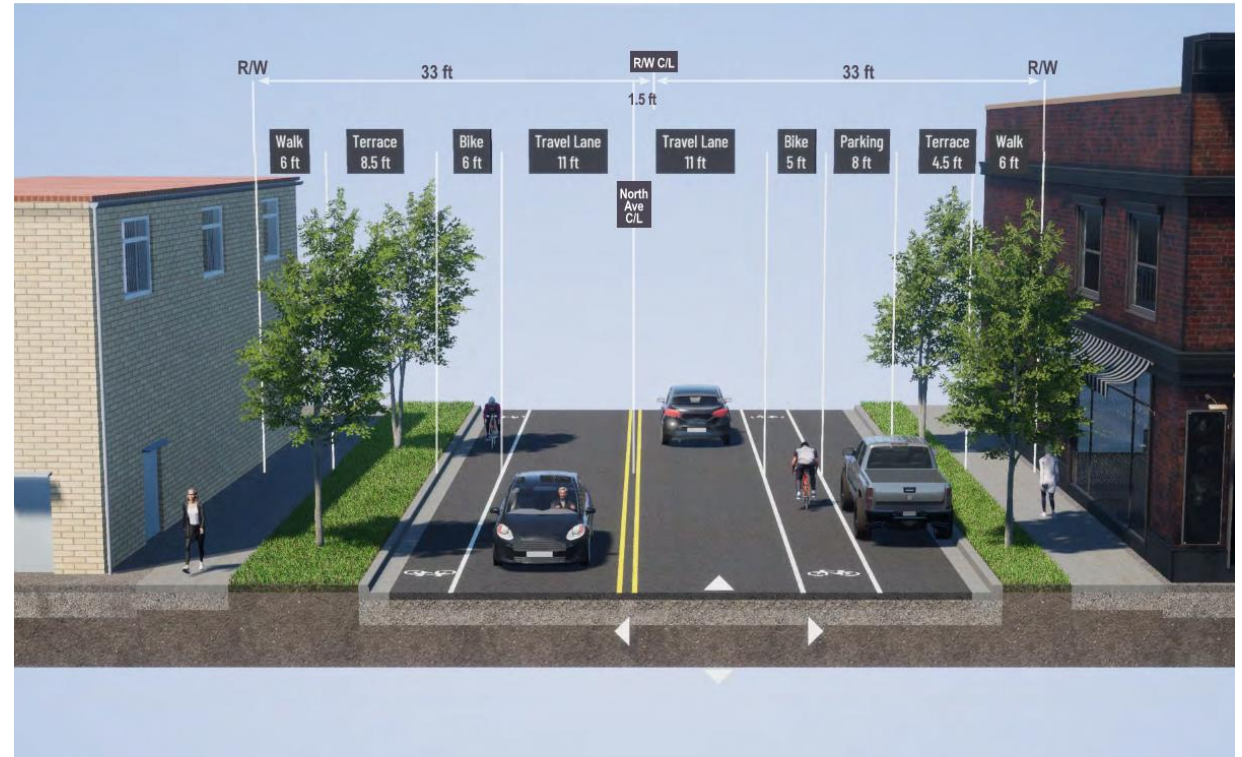


North Ave – Swan Blvd to 73rd St

- Alt 1 – On street Bike Lanes with parking on one side
- Alt 2 – Separated Bike Lanes with parking on one side
- Alt 3 – Two-way cycle track with parking on one side

Note all alternates eliminate parking on one side to provide greater pedestrian sidewalk space that meets ADA needs

NORTH AVENUE
TYPICAL SECTION: SWAN BOULEVARD TO 73RD STREET - ALTERNATIVE 1



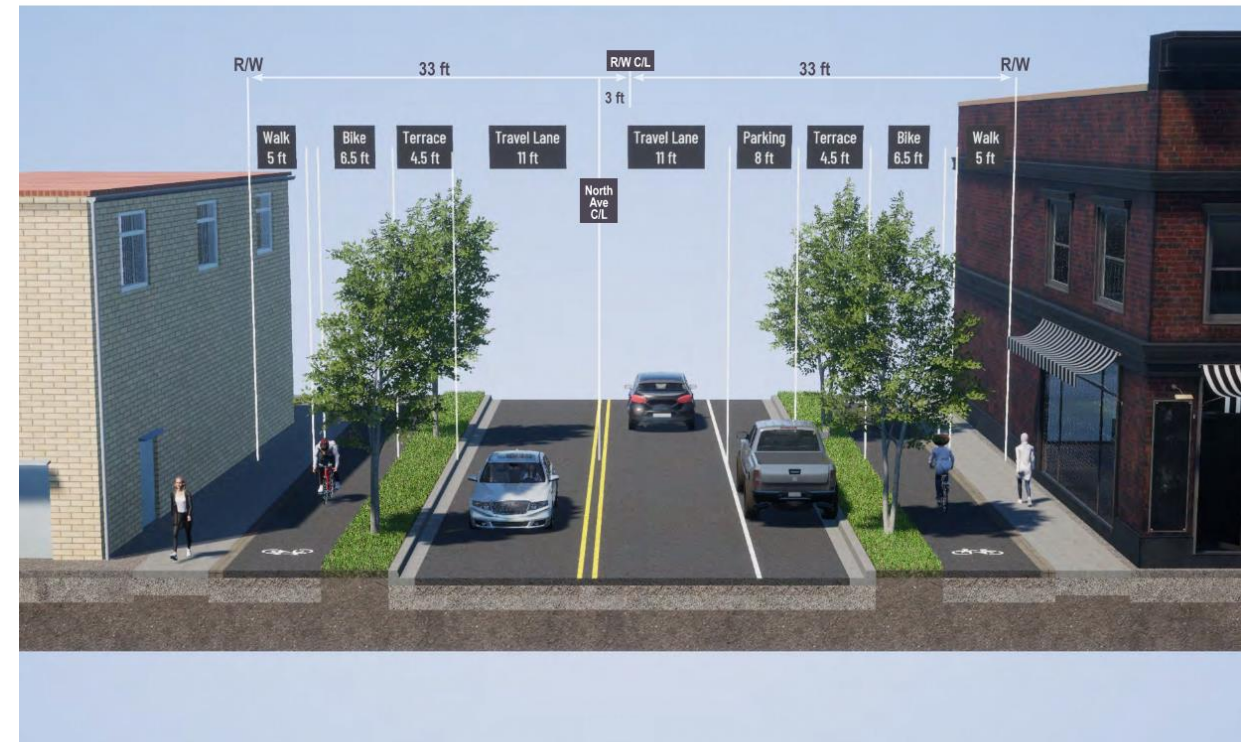


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NORTH AVENUE
TYPICAL SECTION: SWAN BOULEVARD TO 73RD STREET - ALTERNATIVE 2



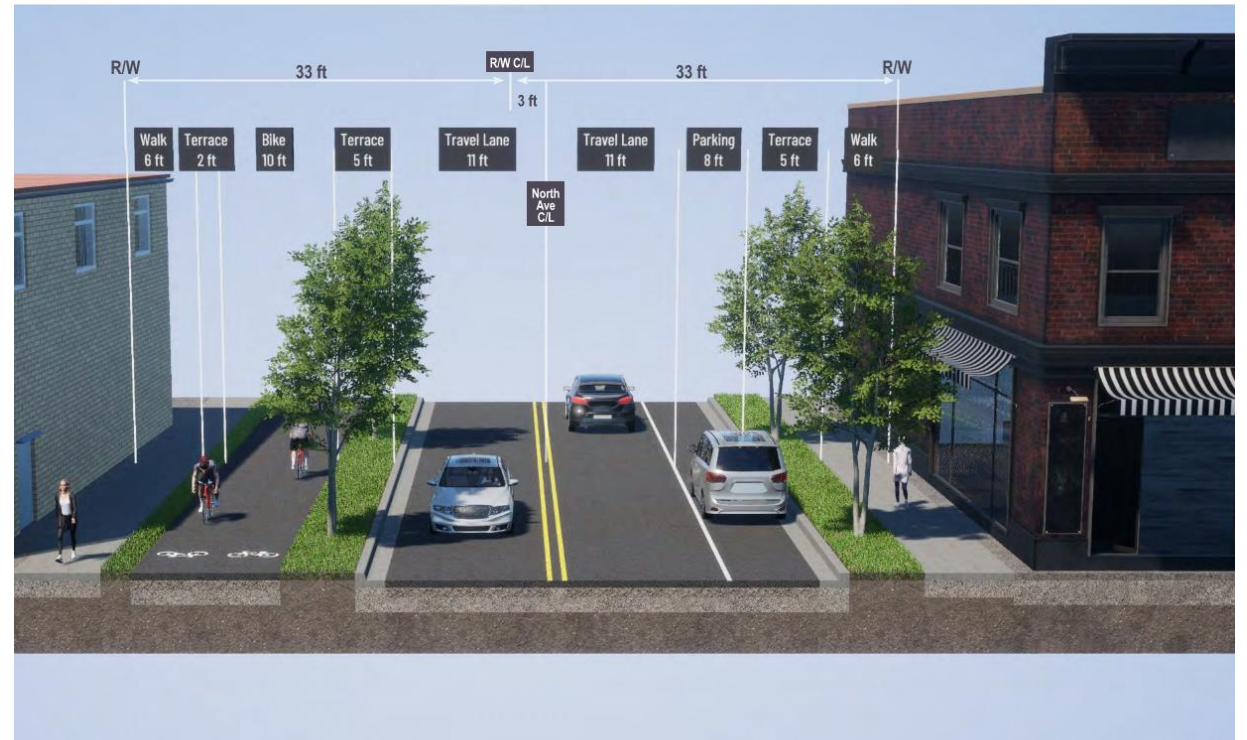


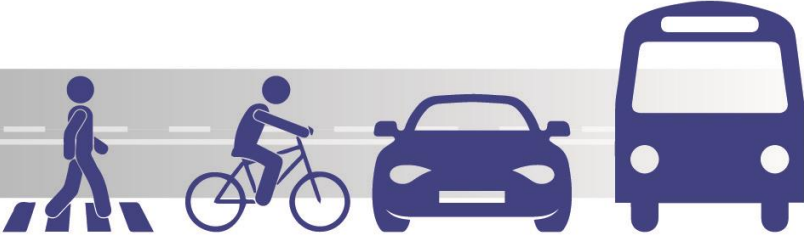
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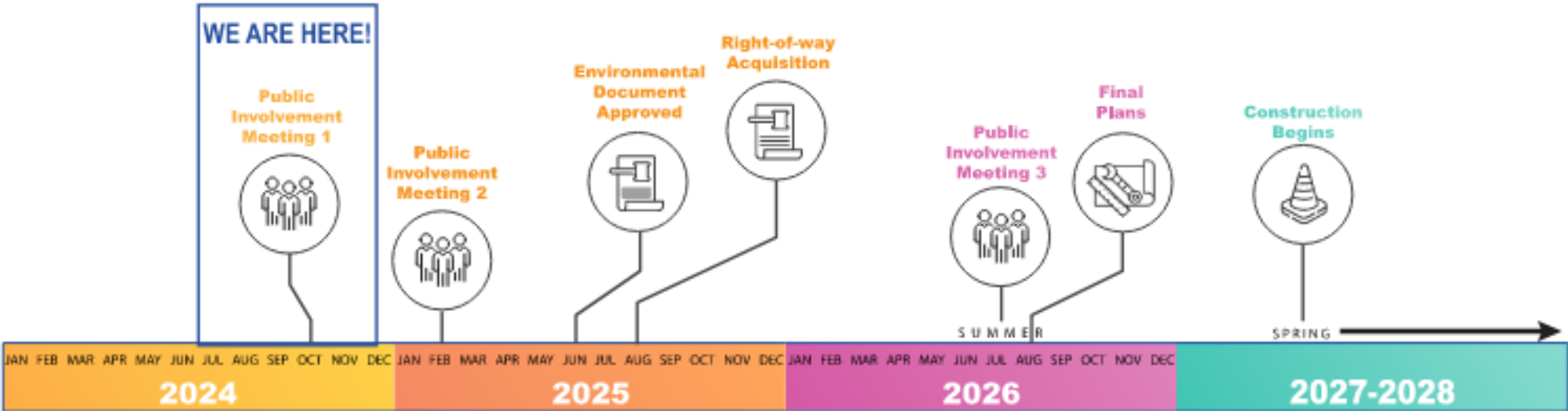
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NORTH AVENUE
TYPICAL SECTION: SWAN BOULEVARD TO 73RD STREET - ALTERNATIVE 3





Project Schedule



*Construction schedule is subject to WisDOT funding

