W North Ave

RECONSTRUCTION & MENOMONEE RIVER BRIDGE REPLACEMENTS
OVERVIEW

What's on this exhibit?

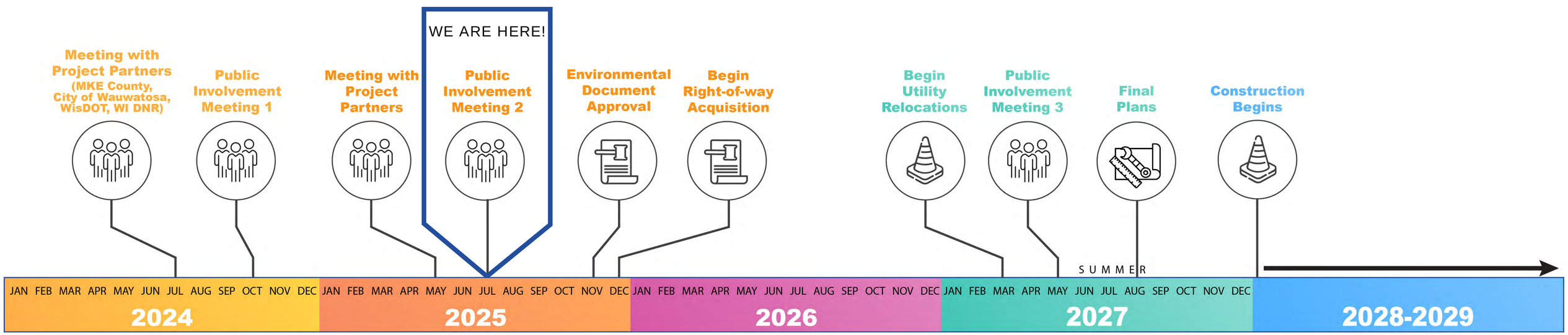
This exhibits explains the project purpose, shows a timeline of the 5-year design and construction schedule, and shows a map of the entire project area.

PURPOSE & NEED

The purpose of this project is to preserve the function of North Avenue as a Principal Arterial while balancing and supporting local and regional mobility of all types in, and through, "MidTown" Wauwatosa.

The age of the roadway has led to deteriorating pavement, increased speeding, and a rise in crashes. Additionally, the existing structures B-40-998 and B-40-999 (the Menomonee River Bridges) are showing signs of their 90-year age and have become structurally deficient. This project will address these issues by replacing the aging bridges (shown on the map below in blue), replacing the deteriorated pavement and upgrading the overall infrastructure (project limits shown on the map in red). The new roadway will be redesigned to improve safety and mobility for everyone – whether you are driving, biking, walking or taking the bus.

CURRENT PROJECT TIMELINE



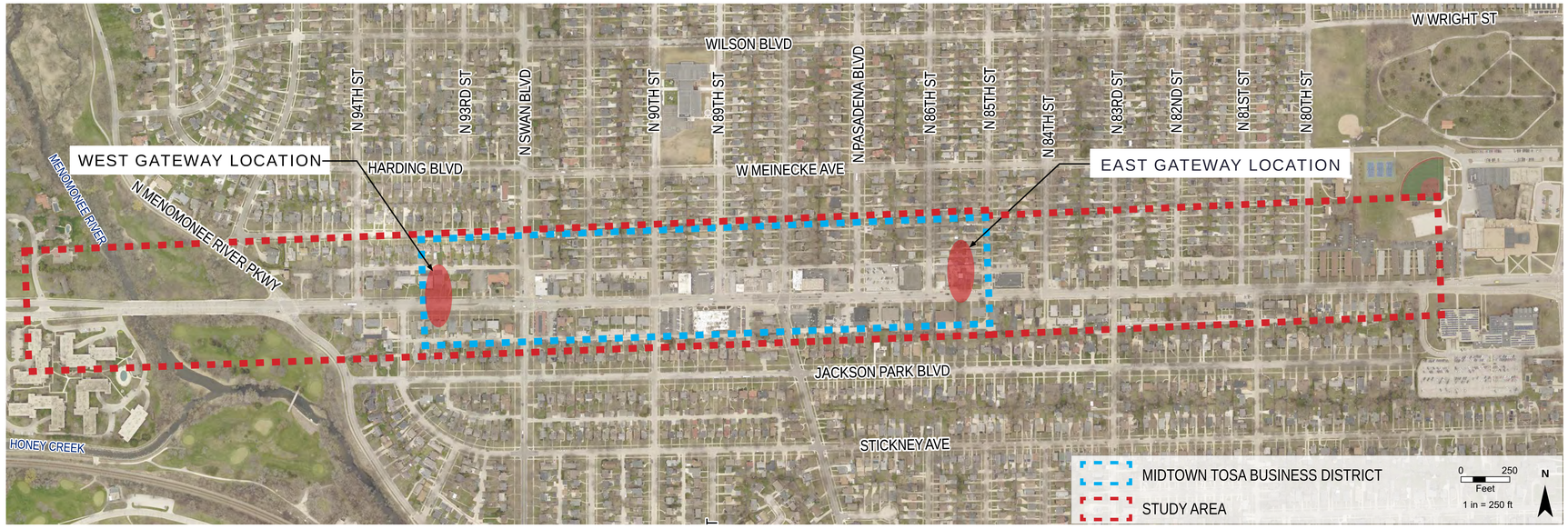
*CONSTRUCTION IS SUBJECT TO WISDOT CONSTRUCTION SCHEDULE

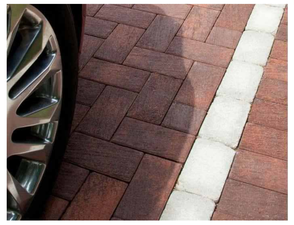
PROJECT LIMITS

JULY 17, 2025

W North Ave

RECONSTRUCTION & MENOMONEE RIVER BRIDGE REPLACEMENTS
MIDTOWN DISTRICT & STREETSCAPE IMPROVEMENTS





GREEN INFRASTRUCTURE: PERMEABLE PAVERS AT ON-STREET PARKING

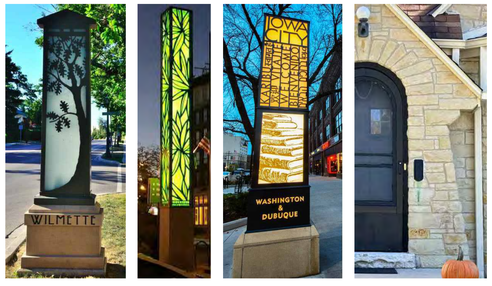
What's on this exhibit?

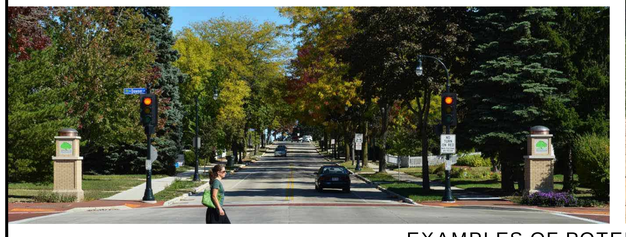
This exhibit shows example options from other communities for amenities and aesthetic improvements which combine to create a unique streetscape character.

Building off the principles of the Wauwatosa MidTown North Avenue Plan, the streetscape elements will celebrate the surrounding neighborhood character and feature the following enhancements: Thematic gateway monuments located at the East and West edges of Midtown's commercial core area, street trees planted in underground soil cells, decorative pavement within the pedestrian zones and key roadway areas, raised curb planters and new landscaping within roadway bump-outs, new site furnishings and decorative light poles with cut-off fixtures and flag pole holders. Future design efforts will focus on a city-wide wayfinding and signage program, neighborhood identifiers and other potential thematic branding elements like custom pole-mounted banners. Grant money will be pursued to cover the cost for green infrastructure and stormwater management improvements like the permeable pavement system indicated at left.

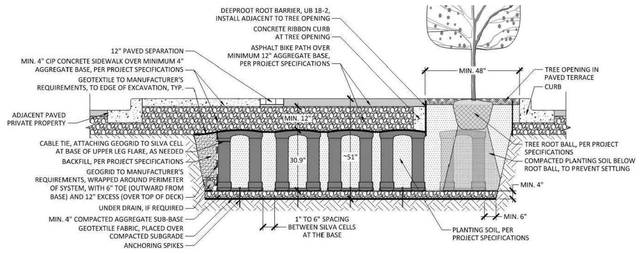
MIDTOWN AESTHETIC THEME AND CUSTOM IDENTITY ELEMENTS SHALL CELEBRATE THE VINTAGE CHARACTER OF THE SURROUNDING NEIGHBORHOOD

STREETSCAPE AMENITIES AND CHARACTER





EXAMPLES OF POTENTIAL TREATMENTS FOR THE NORTH AVENUE MIDTOWN DISTRICT



SOIL CELL STRUCTURES PROVIDE STREET TREE ROOTING VOLUME & STRUCTURAL SUPPORT FOR ADJACENT PAVING

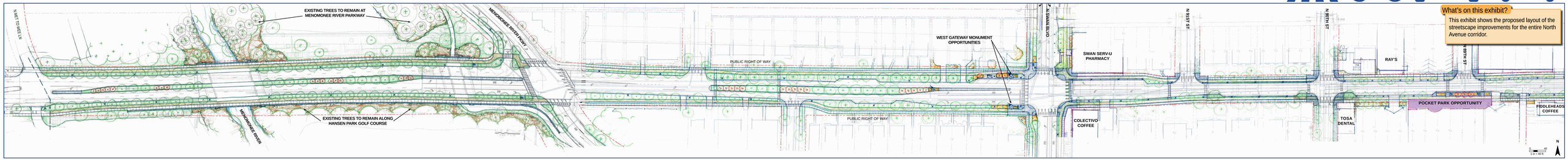
JULY 17, 2025

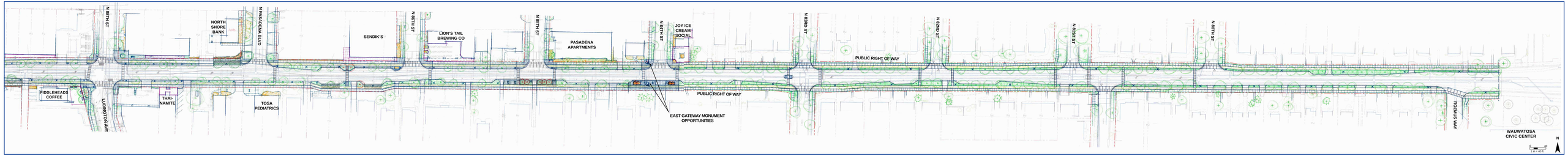
W North Ave

NORTH AVENUE RECONSTRUCTION
CONCEPTUAL STREETSCAPE MASTER PLAN

What's on this exhibit?

This exhibit shows the proposed layout of the streetscape improvements for the entire North Avenue corridor.



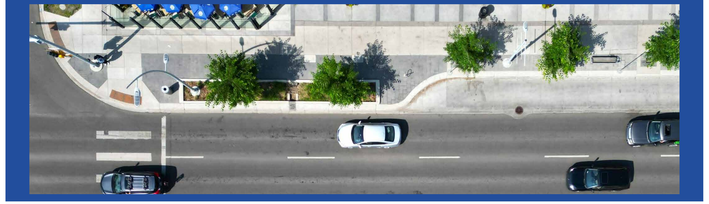


LEGEND

- RIGHT OF WAY
- EXISTING SHADE TREE TO REMAIN
- PROPOSED SHADE TREE
- PROPOSED ORNAMENTAL TREE
- MANICURED TURF
- HARDSCAPED TERRACE
- ACCENT PLANTINGS: SHRUBS, PERENNIALS, AND ORNAMENTAL GRASSES
- PROPOSED ROADWAY LIGHTING

EXAMPLE: BIKE & PEDESTRIAN SEPARATION AT INTERSECTION

EXAMPLE: STREETSCAPE CHARACTER AT ROADWAY BUMP-OUT



EXAMPLE: GATEWAY CHARACTER AT WAUWATOSA VILLAGE

GRāEF

JULY 17, 2025

W North Ave

MENOMONEE RIVER BRIDGE REPLACEMENTS RENDERINGS

What's on this exhibit?

This exhibit shows renderings of the preferred alternative at the Menomonee River Bridge and Parkway area.

1
(LOOKING NORTHWEST)

2
(LOOKING SOUTH)

3
(LOOKING SOUTH)

**The City of Wauwatosa and Milwaukee County Parks are continuing to coordinate design details and approvals for the proposed changes at the Menomonee River Parkway. The designs shown are preliminary and are subject to change through further coordination.*

4
(LOOKING EAST)

5
(LOOKING NORTHWEST)

6
(LOOKING WEST)

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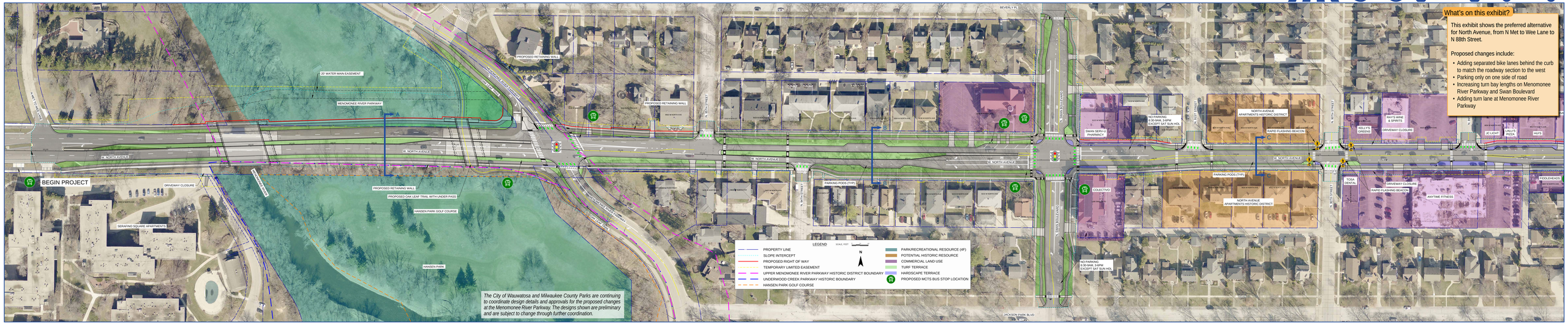
W North Ave

NORTH AVENUE RECONSTRUCTION & MENOMONEE RIVER BRIDGE REPLACEMENTS

PREFERRED ALTERNATIVE: N MET TO WEE LANE - N 88TH STREET



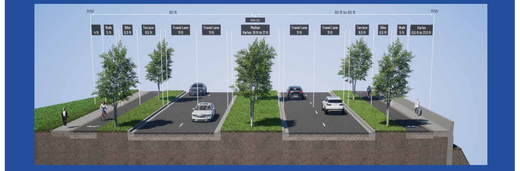
What's on this exhibit?

This exhibit shows the preferred alternative for North Avenue, from N Met to Wee Lane to N 88th Street.

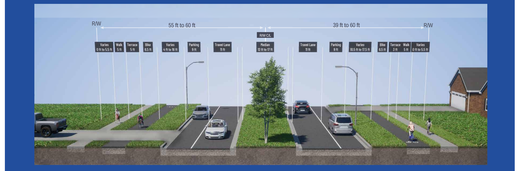
Proposed changes include:

- Adding separated bike lanes behind the curb to match the roadway section to the west
- Parking only on one side of road
- Increasing turn bay lengths on Menomonee River Parkway and Swan Boulevard
- Adding turn lane at Menomonee River Parkway

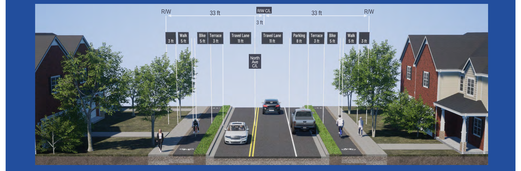
SECTION A-A



SECTION B-B



SECTION C-C



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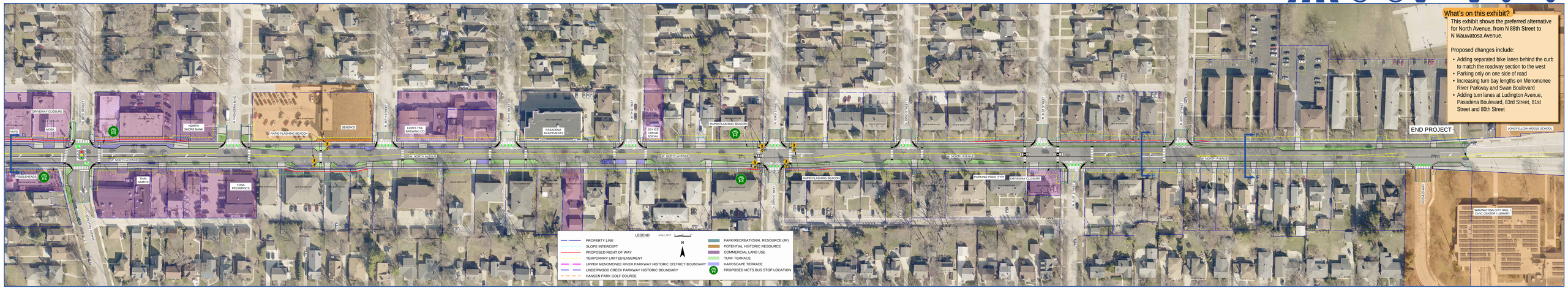
W North Ave

NORTH AVENUE RECONSTRUCTION & MENOMONEE RIVER BRIDGE REPLACEMENTS

PREFERRED ALTERNATIVE: N 88TH STREET - N WAUWATOSA AVENUE



What's on this exhibit?

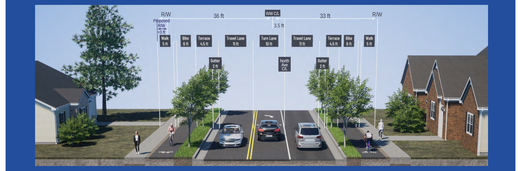
This exhibit shows the preferred alternative for North Avenue, from N 88th Street to N Wauwatosa Avenue.

Proposed changes include:

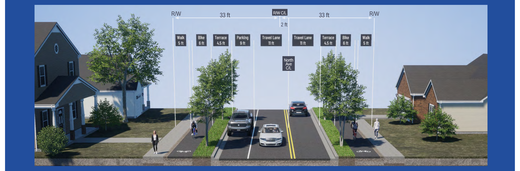
- Adding separated bike lanes behind the curb to match the roadway section to the west
- Parking only on one side of road
- Increasing turn bay lengths on Menomonee River Parkway and Swan Boulevard
- Adding turn lanes at Ludington Avenue, Pasadena Boulevard, 83rd Street, 81st Street and 80th Street

SECTION D-D

SECTION E-E



SECTION F-F



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