West Michigan Street Redesign Project

March 2024

Overview

The City of Milwaukee is redesigning West Michigan Street from North 8th Street to North Water Street to improve safety, comfort, and accessibility for everyone using the street.

Project Goals

- Improve safety and reduce reckless driving
- Improve walking, biking, and transit stops
- Create an all ages and abilities bikeway
- Enhance the streetscape
- Add landscaping and green infrastructure
- Enhance connections to downtown destinations

Project Timeline

Preliminary Design - Summer 2023

Project team collects data and brainstorms initial design ideas

Public Engagement - Spring 2024

Community members provide input on the initial design ideas and share their experiences on the corridor

Final Design - Summer 2024

Project team will use the feedback from the community to refine and select a final project design

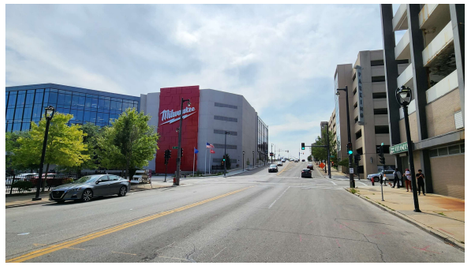
Construction - Fall 2024

Construction is anticipated for fall 2024













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Current Street Characteristics

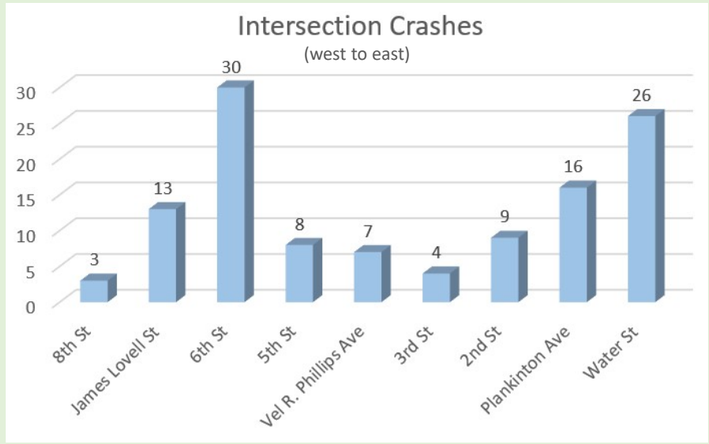
- 4 travel lanes (2 each direction), parking both sides
- Traffic volumes (vehicles per day):
  - 4,500 to 4,800 west of North 6th Street
  - 5,300 to 7,700 east of North 6th Street
- Numerous crashes and excessive speeding
- No bicycle accommodations
- Long pedestrian crossings, no refuge islands
- Limited streetscaping and trees
- MCTS stops – Vel R. Phillips Ave, Plankinton Ave

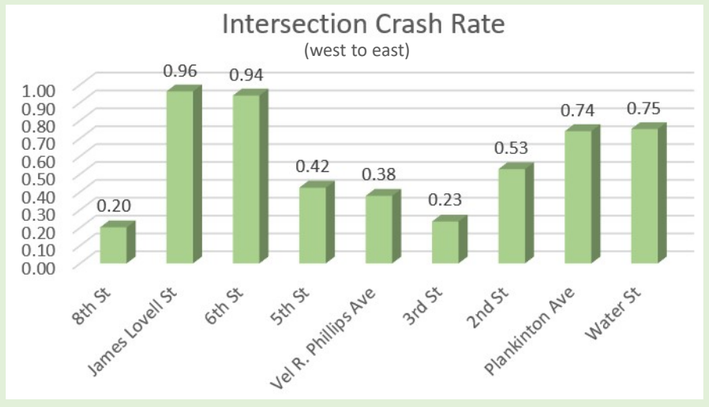
Speed Statistics

- Posted speed 30 mph
- Speed data east of North 6th Street (July 2023)
  - 4% traveling over 30mph
  - 1.5% traveling over 40mph
  - A few motorists traveling over 60mph

Crash Statistics (2018 through 2022)

- 116 crashes in 5 years
- No fatal crashes
- 32 crashes resulting in injuries
- 2 pedestrian crashes
- 39 crashes related to disregarding red light; highest locations:
  - North Plankinton Avenue
  - North 2nd Street
  - North James Lovell Street
- Highest intersection crash rates:
  - North James Lovell Street
  - North 6th Street
  - North Water Street
  - North Plankinton Avenue

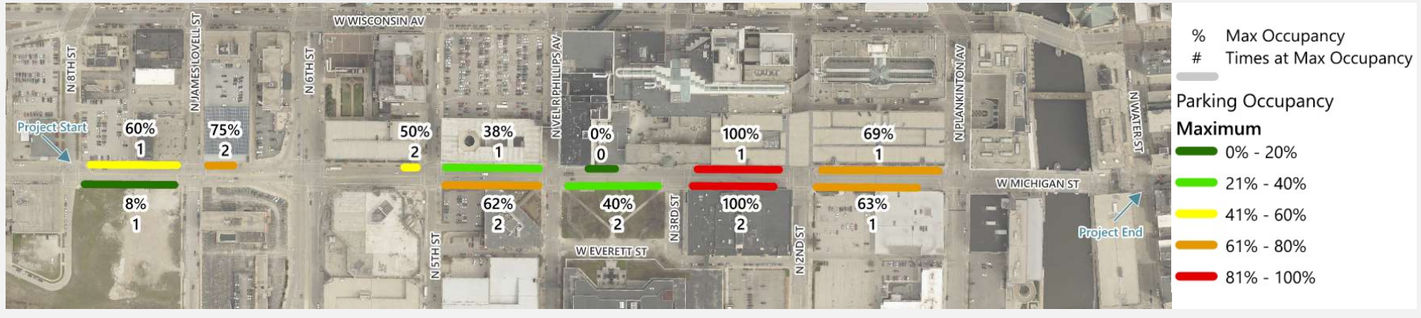




Intersection crash rate is the number of crashes per million entering vehicles

Parking Statistics (July 20, 2023)

- 112 on-street parking spaces (metered)
  - Most areas less than 65% occupied (maximum)
  - North 3rd Street to North 2nd Street 100% occupied
- 5,700 off-street spaces directly on Michigan St
  - Includes 5,000 public parking spaces



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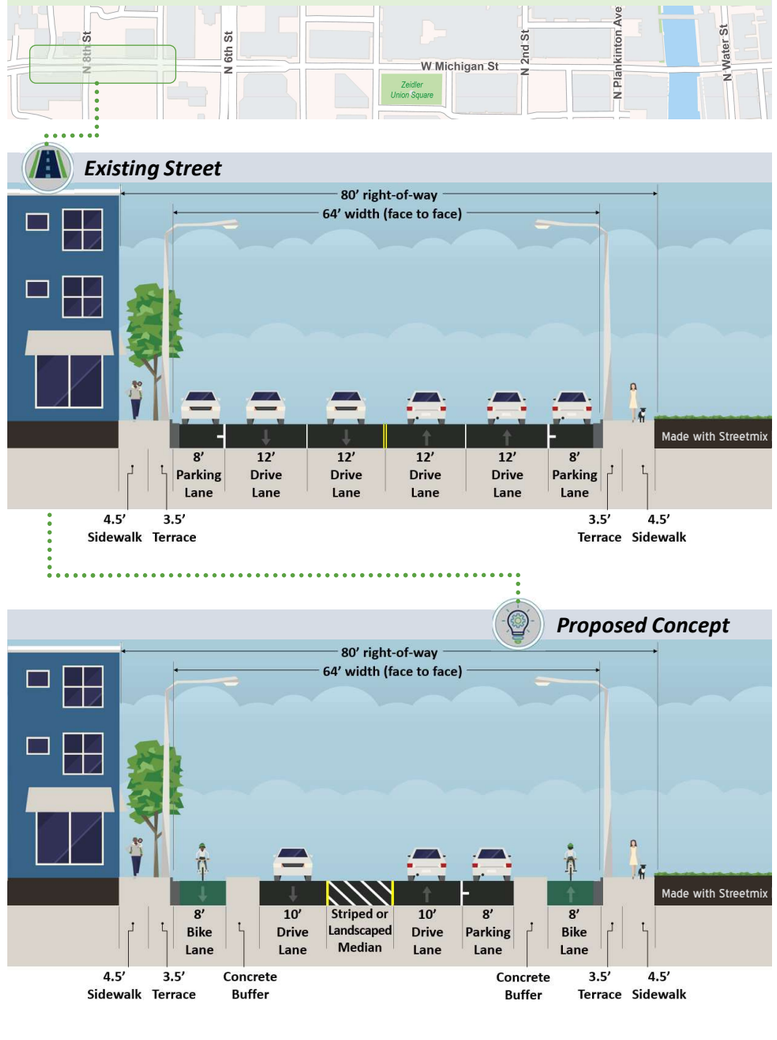
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Proposed Street Improvements

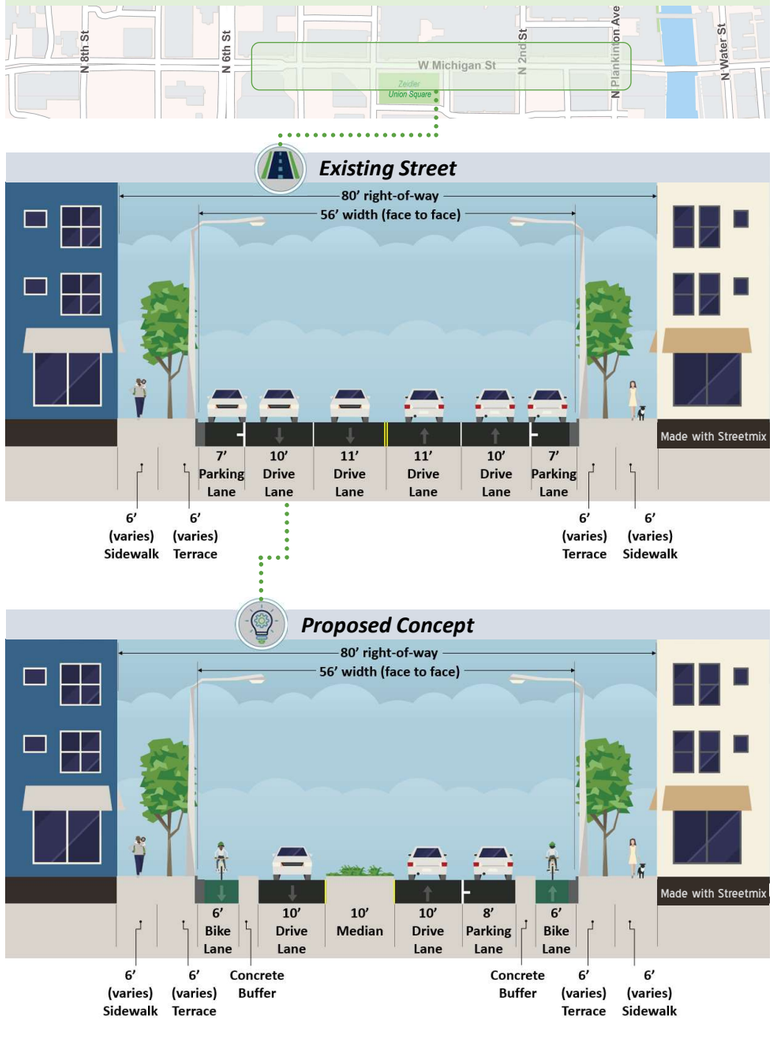
- Repurpose travel lanes for protected bike lanes
- Shorter pedestrian crossings and pedestrian refuge islands
- Raised medians; some driveways will become right-in/right-out only
- Landscaping and street trees
- MCTS bus stop improvements
- Left turn lanes at select locations
- On-street parking on one side of the street (typically on south side but some on north side)
- Green infrastructure bioswales to capture stormwater at select locations

The proposed designs may change based on budget and the location of utilities.

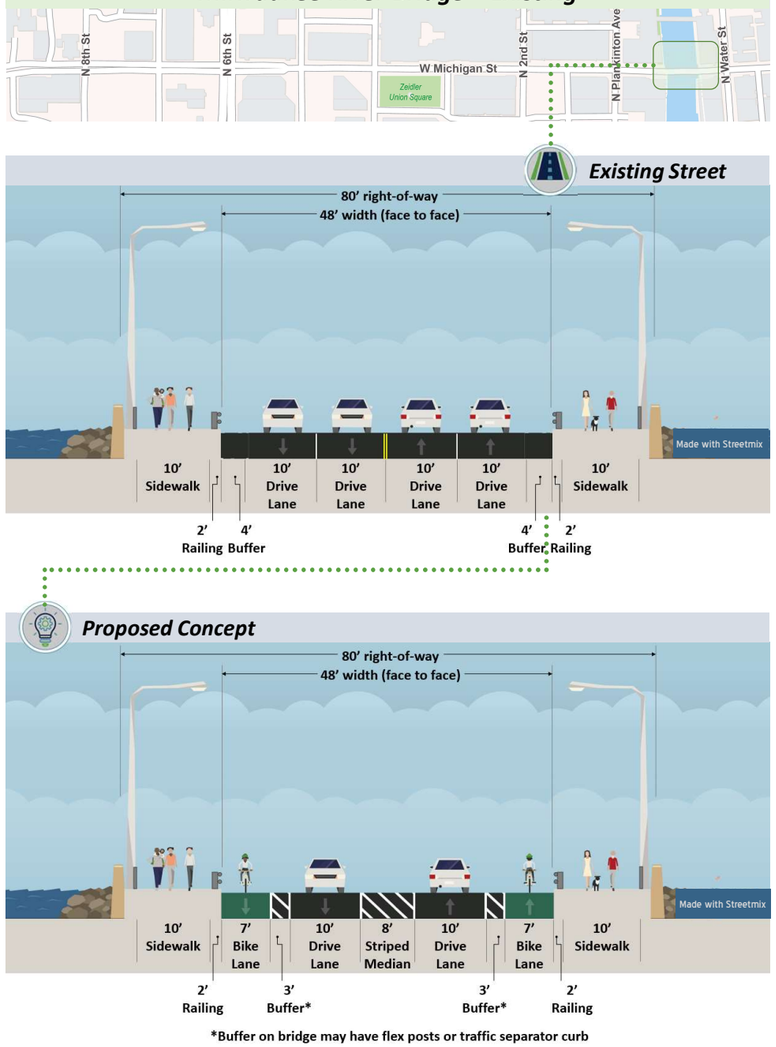
North 8th Street to North 6th Street



North 5th Street to North Plankinton Avenue



Milwaukee River Bridge – Existing



*Buffer on bridge may have flex posts or traffic separator curb

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Sample Concept Images

The images below are similar to the proposed Michigan Street redesign concepts.

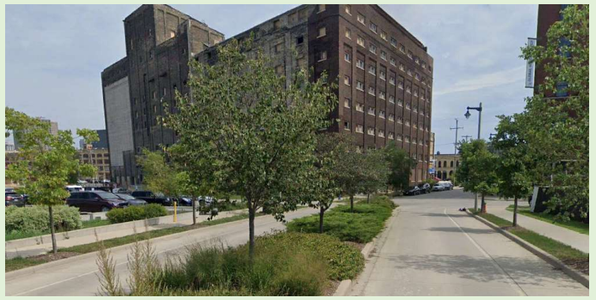
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Protected Bike Lanes





Landscaped Median



Bus Boarding Islands





Shared Cycle Track Transit Stop





Enhanced Landscaping/Bioswales

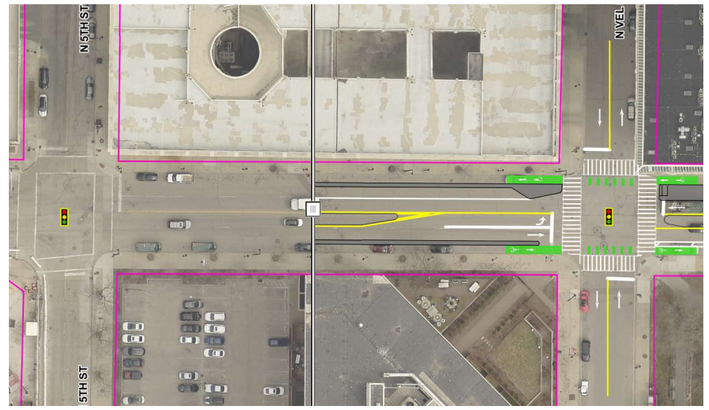


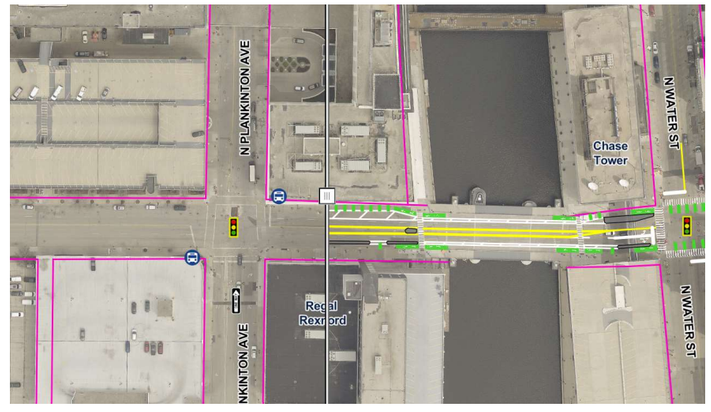


Interactive Map

Visit the project website to view an interactive “swipe” map showing how the proposed design concepts compare with the existing street.

You can drag the swipe bar, zoom in/out, and pan around to explore the proposed street redesign.





Sample map existing/proposed views