

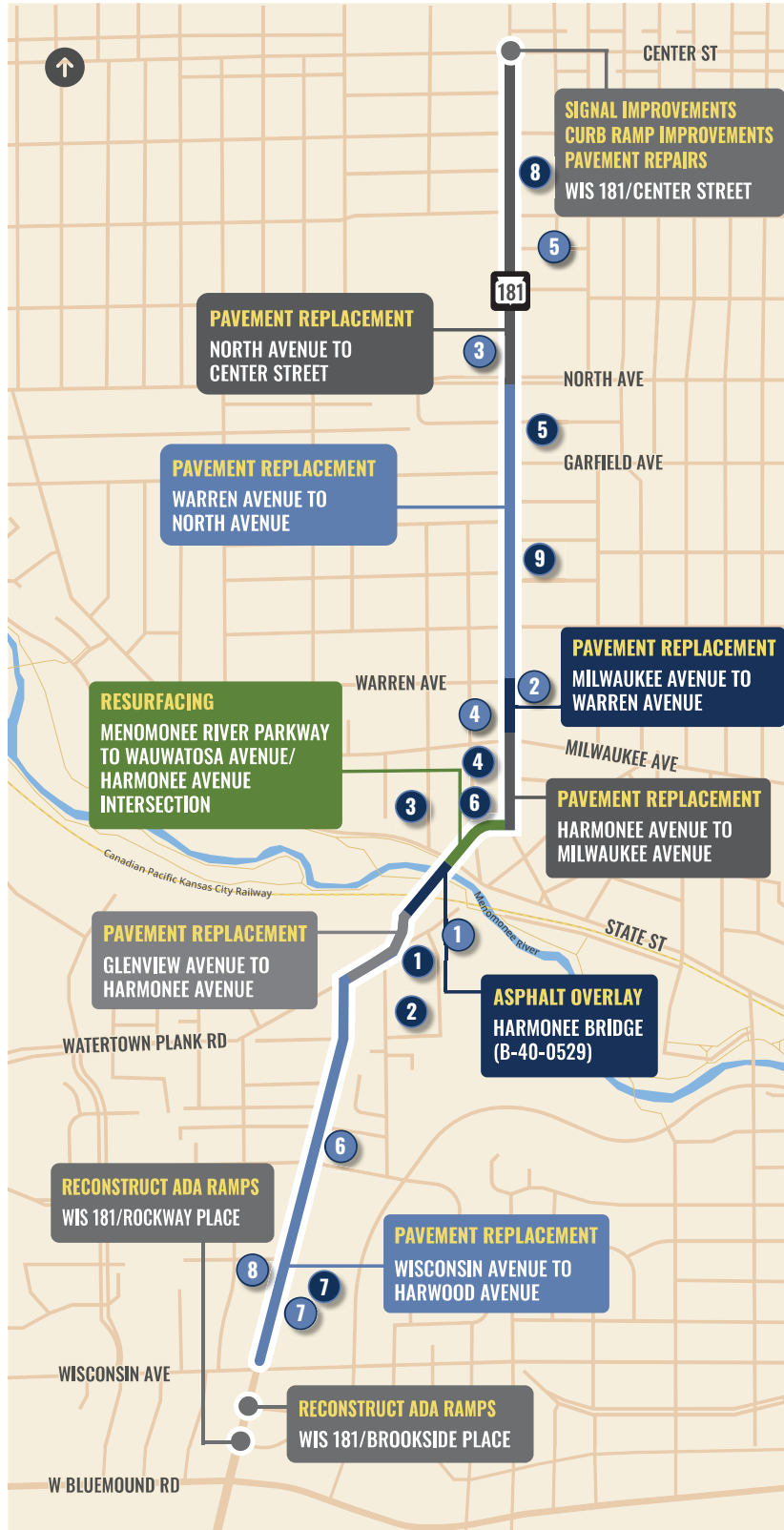


WIS 181 IMPROVEMENTS

Wisconsin Avenue – Center Street



STUDY AREA/CORRIDOR MAP



KEY LANDMARKS:



SCHOOLS:

- 1 St. Johns Evangelical Lutheran School
- 2 Wauwatosa East High School
- 3 Longfellow Middle School
- 4 Lincoln Elementary School
- 5 Kingdom Prep Lutheran High School
- 6 Wilson Elementary School
- 7 St. Jude the Apostle School
- 8 Sisters of Saint Francis School



CHURCHES:

- 1 St. John's Lutheran Church
- 2 Carmelite Ministry of St. Teresa
- 3 First Congregational Church
- 4 St. Matthews Evangelical Lutheran Church
- 5 Sts. Constantine & Helen Greek Orthodox Church
- 6 Wauwatosa Ave United Methodist Church
- 7 St. Jude the Apostle Church
- 8 St. Pius X Catholic Church
- 9 Milwaukee Chin Baptist Church



SAFETY ON WIS 181:

WHY IMPROVEMENTS ARE NEEDED



OUTDATED TRAFFIC SIGNALS

- Several intersection signals are well beyond their 20-year design life.
- Current signals cannot provide modern safety features like flashing yellow arrows for safer left turns.



CRASH PATTERNS & QUEUING

- The five signalized intersections along WIS 181 experience a combination of congestion and safety concerns.
- Long back ups during peak periods, lead to frequent rear-end and angle crashes
- Turning conflicts and limited storage space increase the potential for spillback into adjacent intersections.



PEDESTRIAN SAFETY CONCERNS

- Substandard curb ramps and bus stops throughout the corridor don't meet ADA standards.
- High pedestrian volumes, particularly around nearby schools and the Village Center are a safety concern.



BICYCLE SAFETY GAPS

- **Wisconsin Avenue - Milwaukee Avenue:** No existing bike facilities. Cyclists share lanes with traffic, creating safety conflicts.
- **Bridge over the river and railroad:** Existing sidewalk only 5 feet wide.
- **North Avenue - Center Street:** Current on-street bike lanes are narrow.



TRANSIT & SAFETY CONFLICTS

- Buses currently stop in travel lanes, which creates conflicts with cars and bikes.



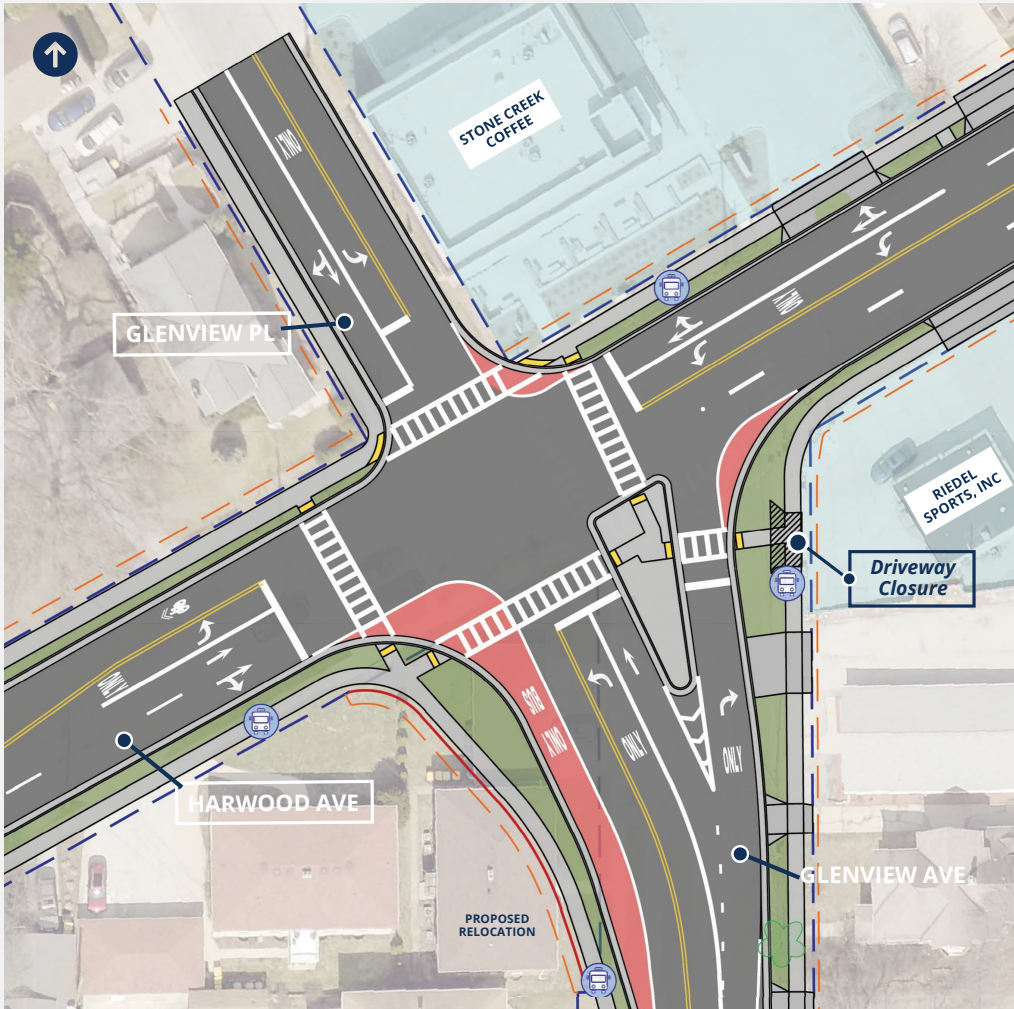
PAVEMENT CONDITION

- Not cost effective to maintain.
- Rough pavement with potholes creates unsafe driving conditions and may cause vehicle damage.
- Year built: 1981, pavement has not been rehabilitated since 1989



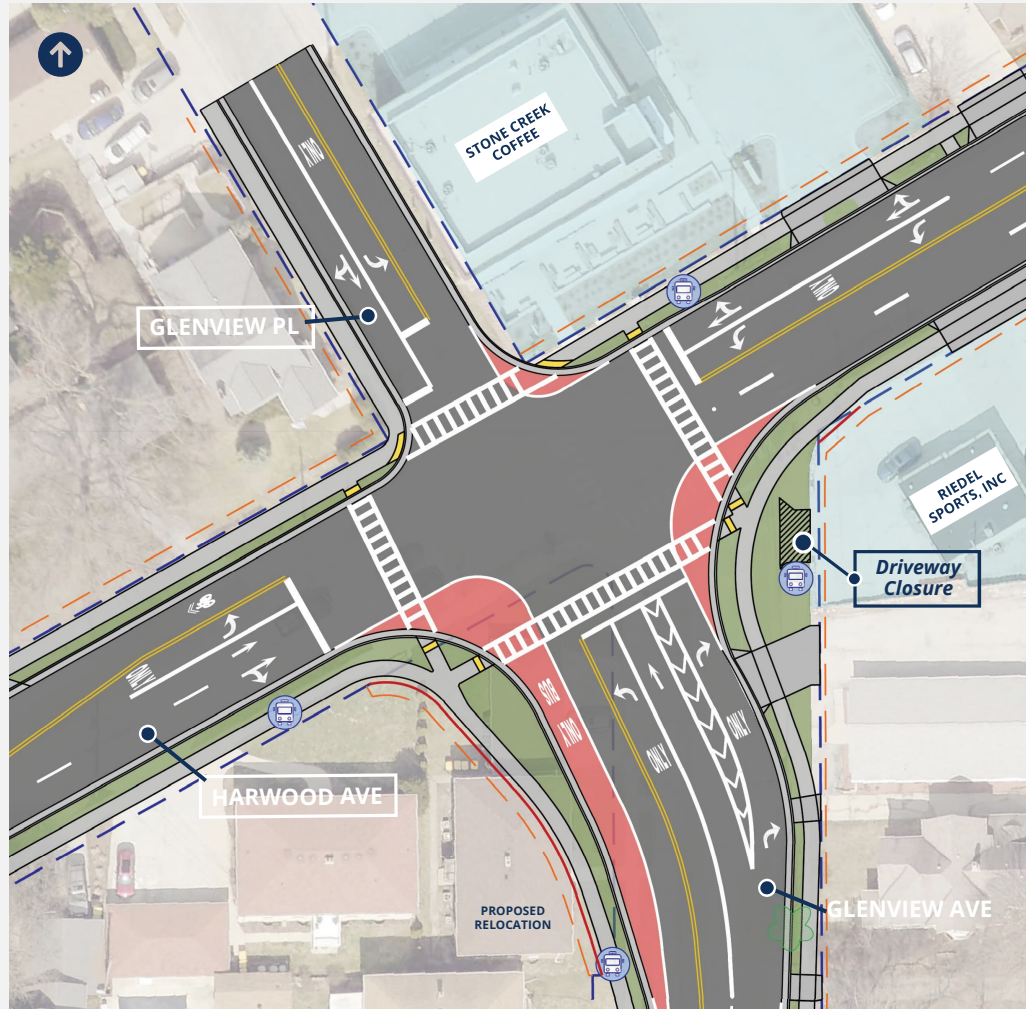
GLENVIEW AVENUE & HARWOOD AVENUE

Realign Glenview Avenue to meet Glenview Place, new four-way intersection



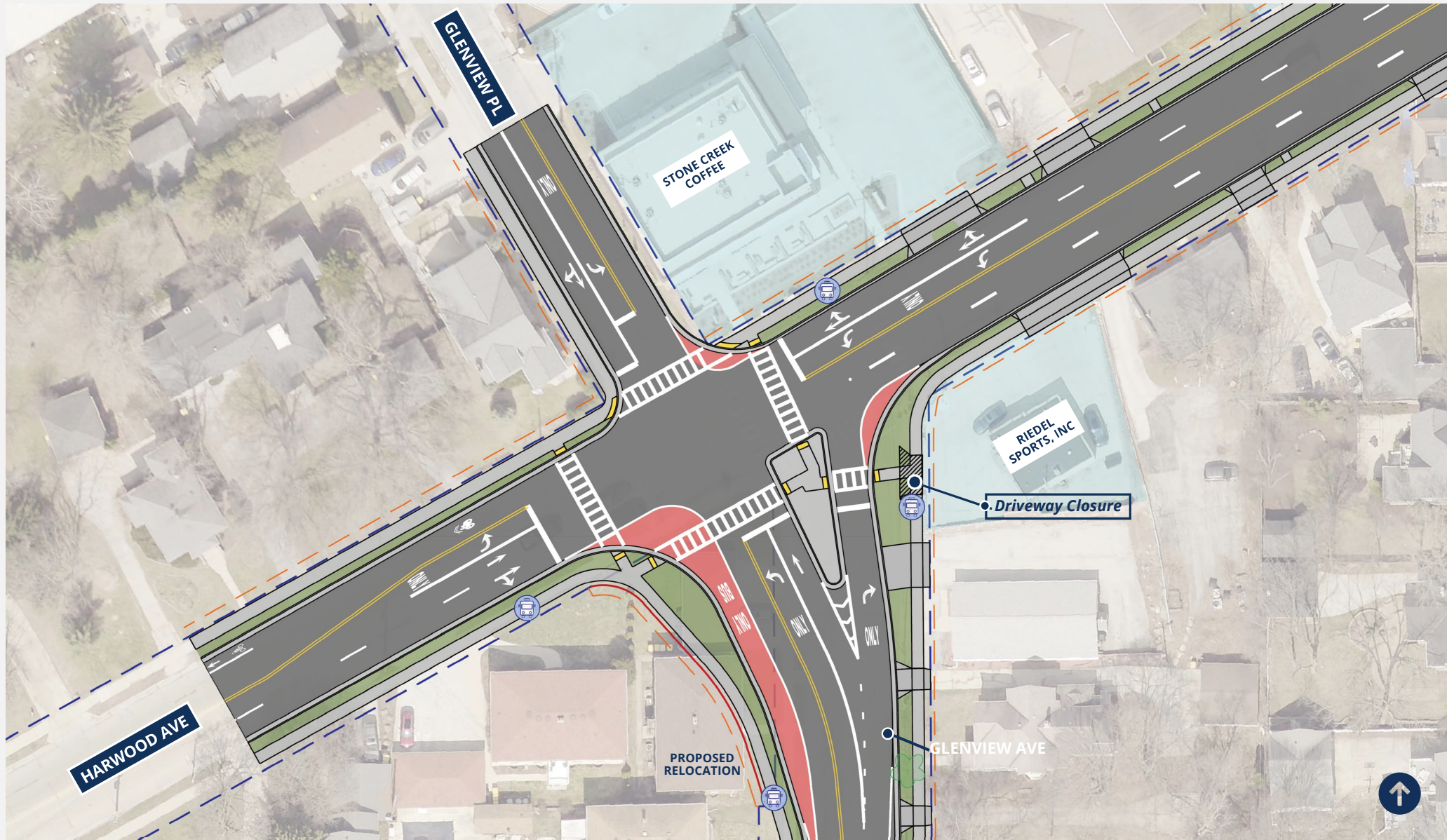
ALTERNATIVE #1

WITH RIGHT-TURN SLIP LANE



ALTERNATIVE #2

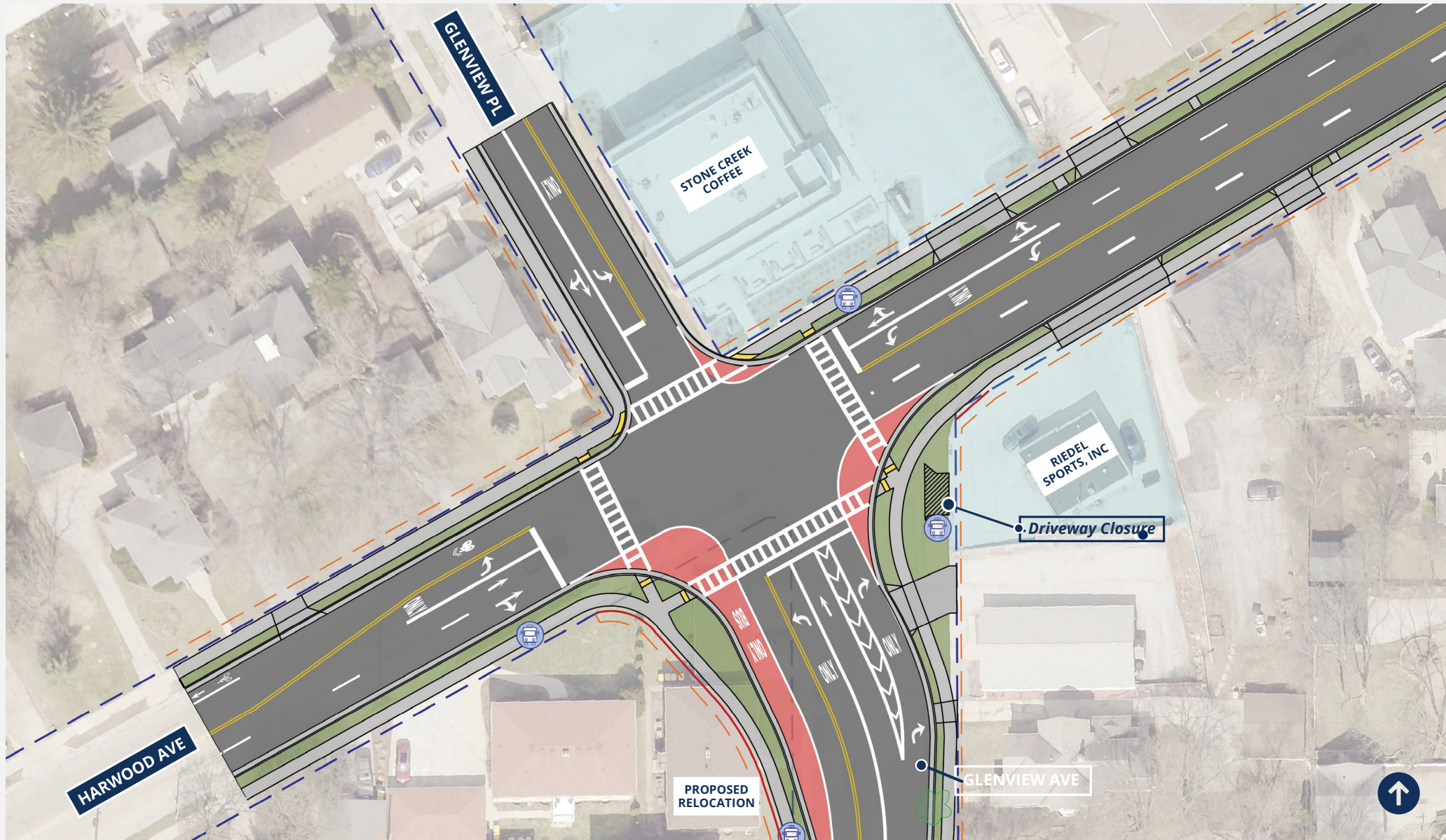
WITHOUT RIGHT-TURN SLIP LANE





GLENVIEW AVENUE & HARWOOD AVENUE

ALTERNATIVE 2: Without slip lane



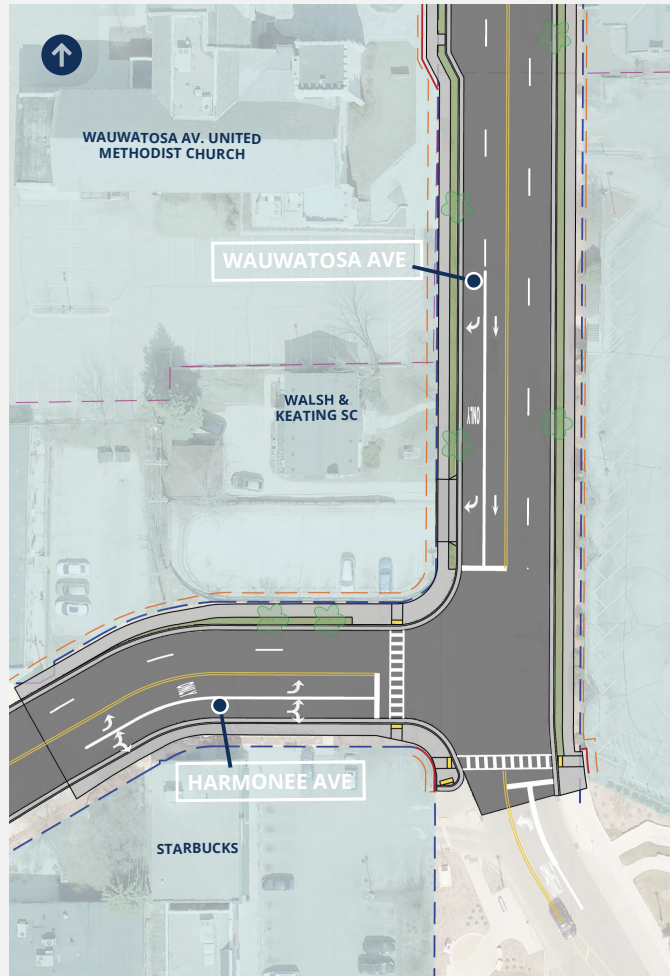


HARWOOD AVENUE TO MILWAUKEE AVENUE



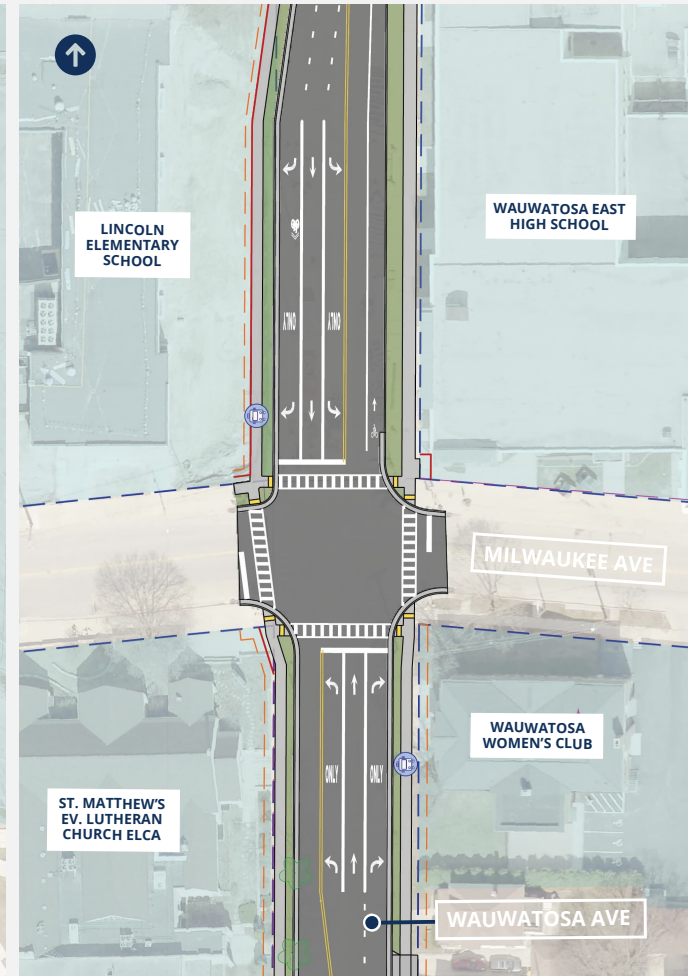
HARWOOD AVE & HARMONEE AVE

Proposed changes include a new eastbound lane configuration & a longer southbound left-turn lane to improve traffic flow.



HARMONEE AVE & WUWATOSA AVE

Safer intersection design with better operations.



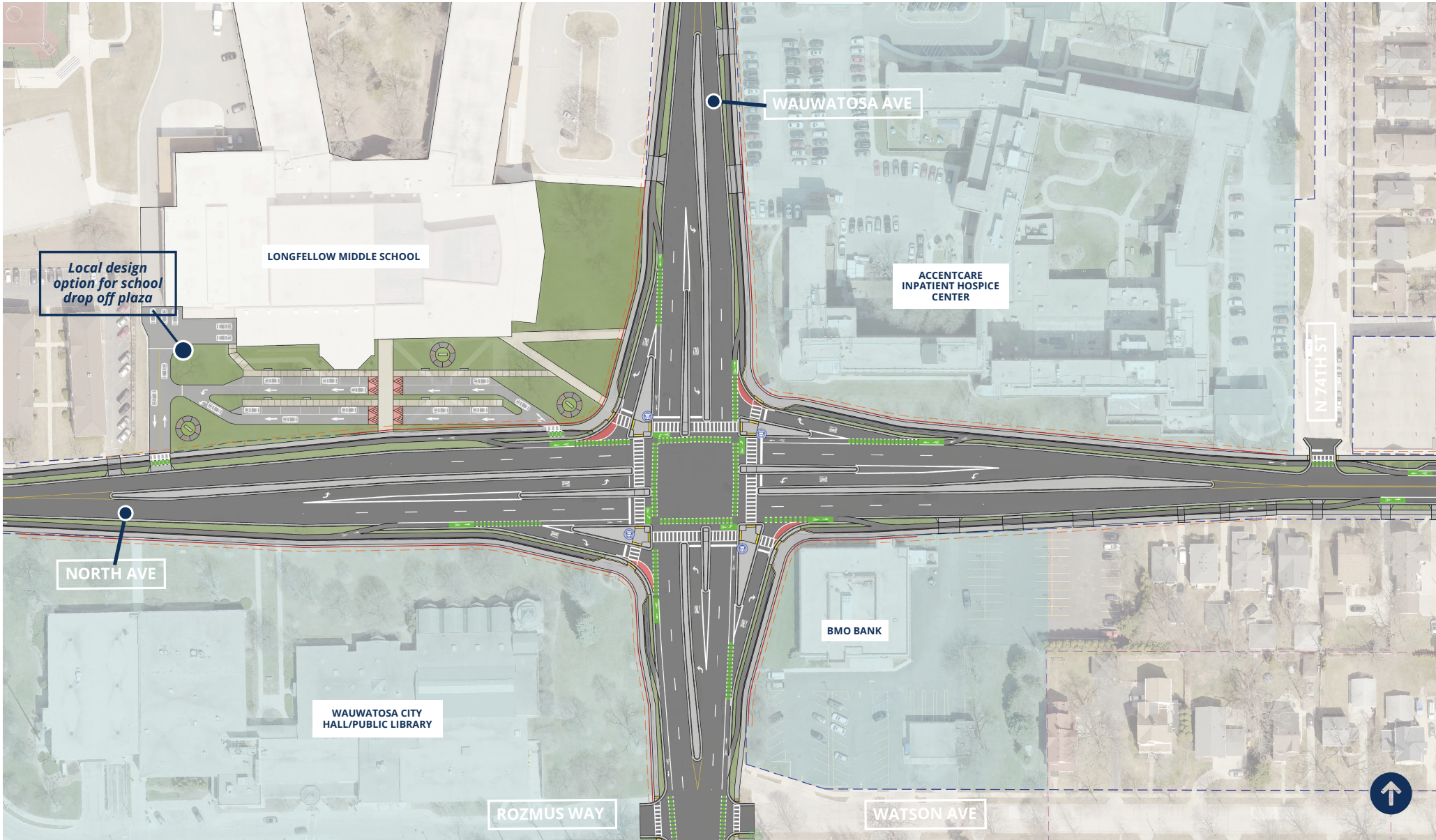
WUWATOSA AVE & MILWAUKEE AVE

Improved crossings and more consistent traffic flow.



WAUWATOSA AVENUE & NORTH AVENUE

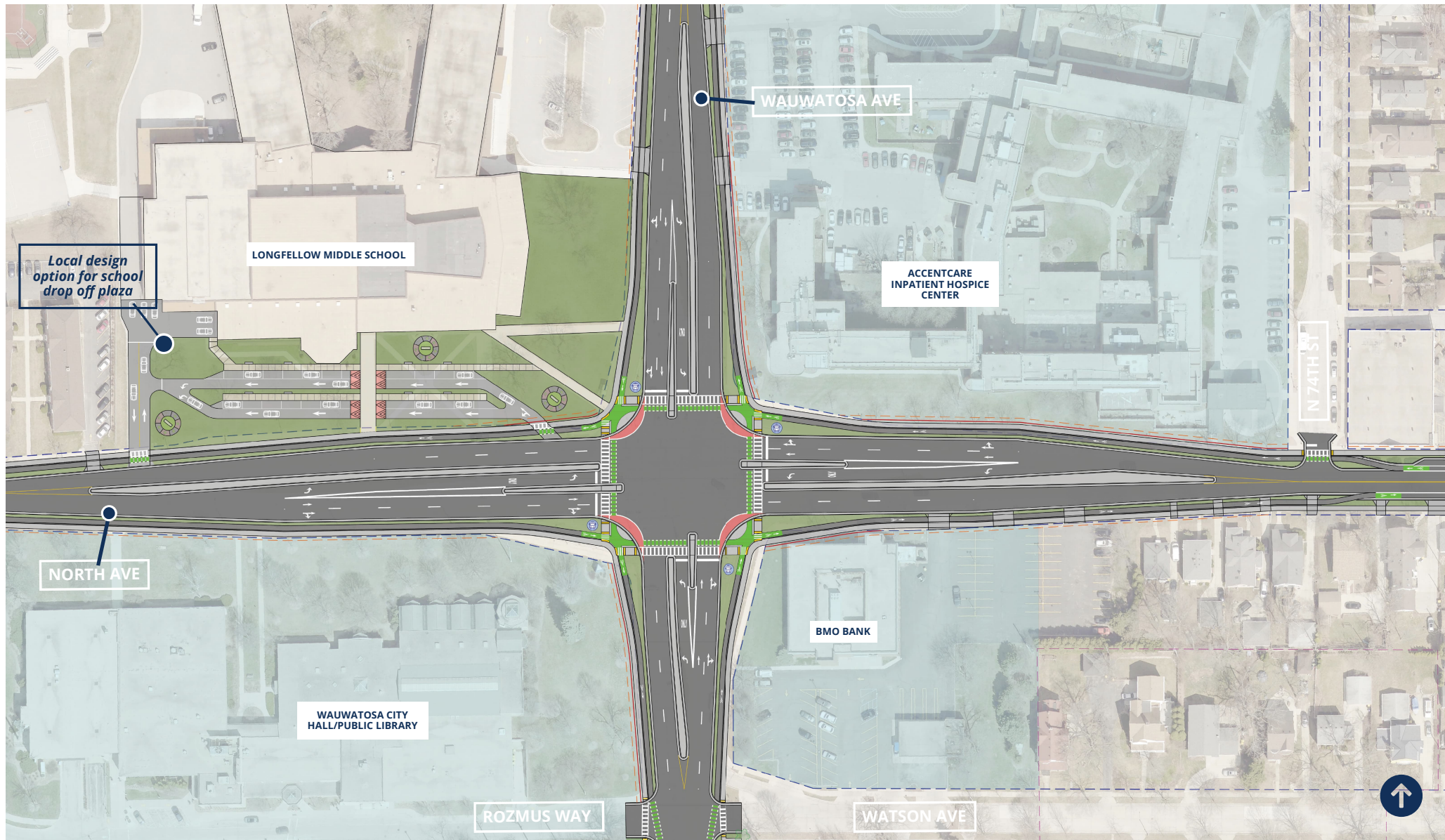
ALTERNATIVE 1: With right-turn slip lane



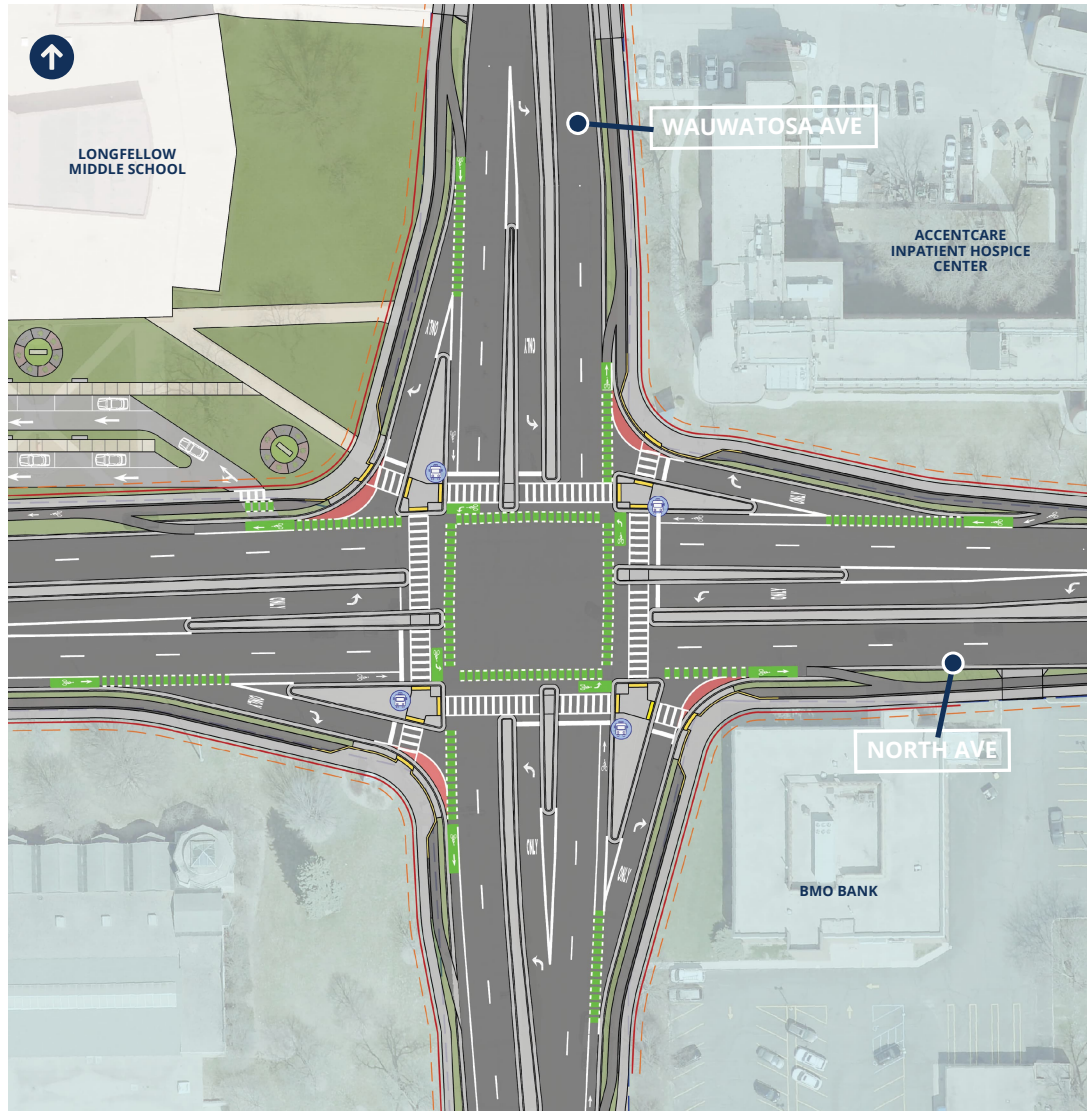


WAUWATOSA AVENUE & NORTH AVENUE

ALTERNATIVE 2: Protected Intersection (without right-turn slip lane)



WAUWATOSA AVENUE & NORTH AVENUE



ALTERNATIVE #1: KEEP SLIP LANES

(Similar to today)

Cars turning right use separate “slip lanes” that curve around the corner. These lanes let vehicles turn without waiting at the traffic signal.



BENEFITS:

- Moves cars through the intersection more efficiently
- Keeps traffic flowing, especially for right turns
- Provides an option for an improved drop-off area at Longfellow

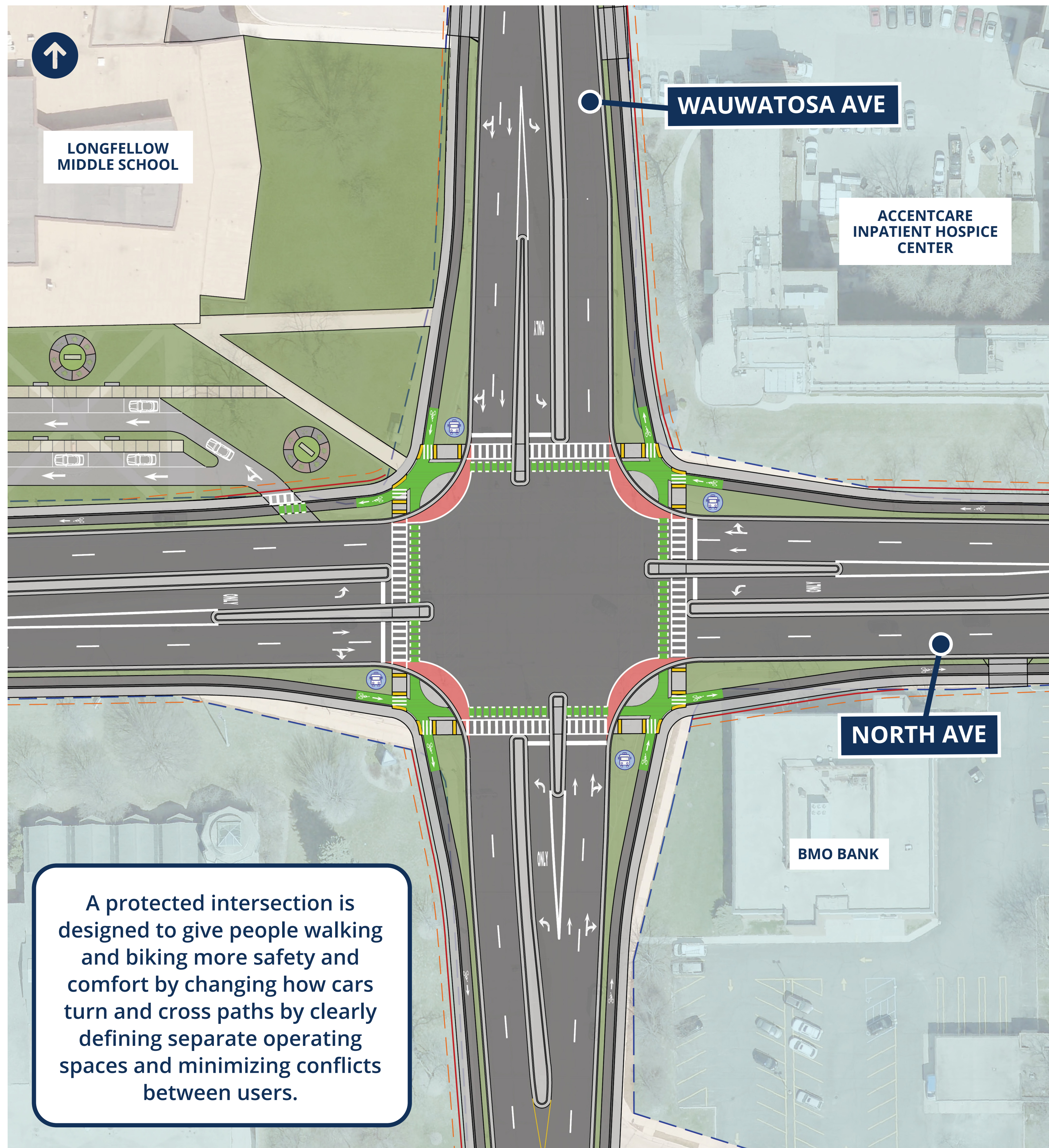


CHALLENGES:

- Longer pedestrian crossings, though provides more refuge areas
- More conflict points with vulnerable users
- Little room for landscaping on corners

DEFINITION:

A slip lane (also called a right-turn channelized lane) is a separate lane that allows vehicles to make a right turn at an intersection, typically separated from the main roadway by a triangular island.



ALTERNATIVE #2: PROTECTED INTERSECTION

(Remove slip lanes)

All right turns happen at the signal. Bike lanes remain protected as they continue through the intersection.



BENEFITS:

- Shorter pedestrian crossings
- Improve safety and visibility for pedestrians and bikes; bikes cross at the intersection similar to pedestrians
- Fewer conflict points
- More grass areas, landscaping is limited to low growth items to avoid sight distance issues.
- Provides an option for an improved drop-off area at Longfellow



CHALLENGES:

- Delays and traffic back ups will be longer, especially at peak times
- Queues will block more adjacent driveways and intersections
- Requires careful design coordination for signals and markings

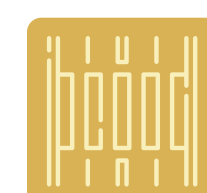
ELEMENTS OF A PROTECTED INTERSECTION:



Protected bike lanes continue through the corner, so bicyclists don't merge into traffic



Fewer conflict points overall — reducing bike-vehicle conflicts compared to slip lanes



Bikes cross at the intersection, similar to pedestrians



WIS 181 IMPROVEMENTS

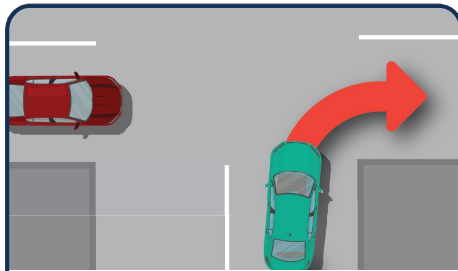
Wisconsin Avenue – Center Street



WAUWATOSA/NORTH ALTERNATIVES

KEY DIFFERENCES AT A GLANCE

VEHICULAR TRAFFIC:



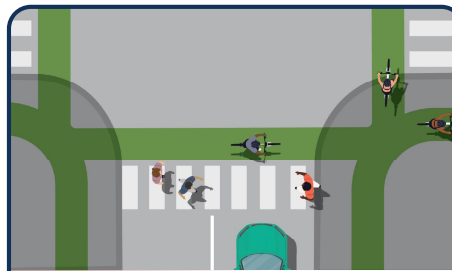
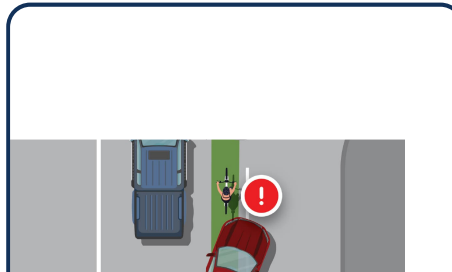
OPTION #2: Longer back ups blocking driveways & intersections; more delay during peak hour

CROSSWALKS:



OPTION #2:
Shorter & fewer conflicts

BICYCLISTS:



OPTION #2: Protected path
& better visibility

LOOK & FEEL:



OPTION #1: No room for greenery at corner



OPTION #2: Room for more greenery at corner



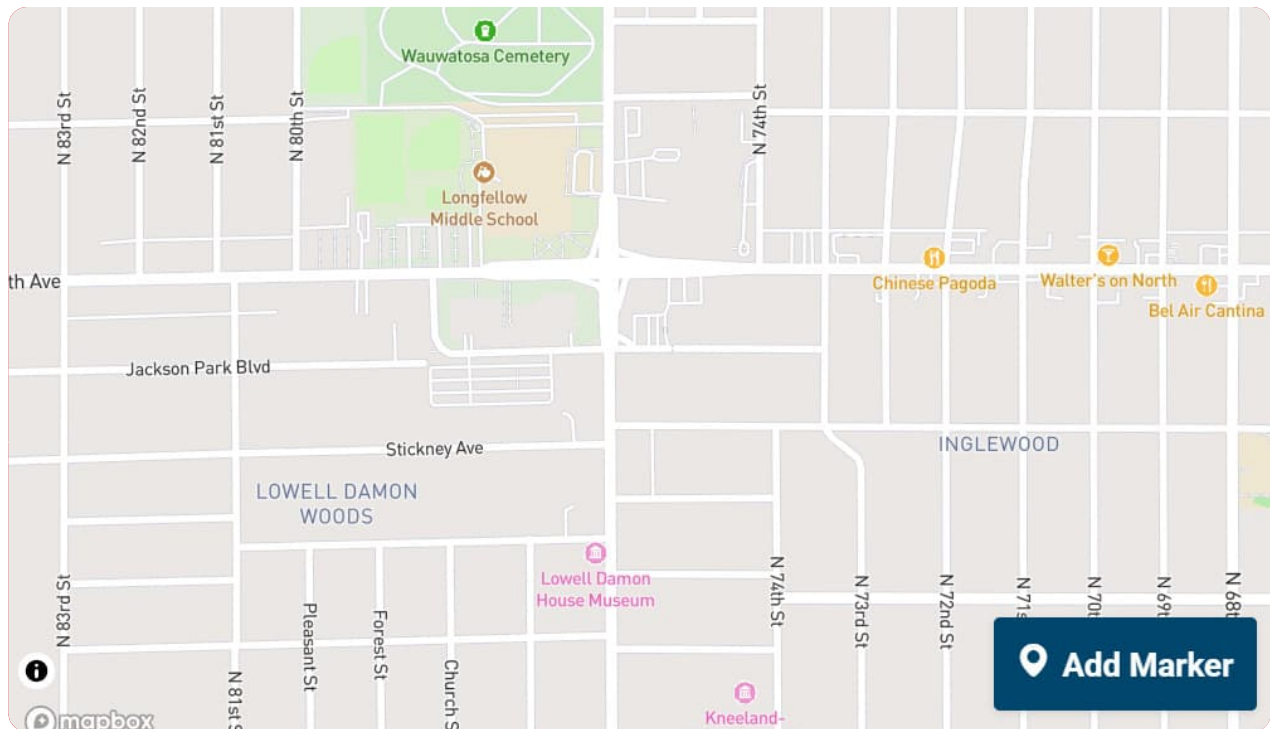
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HELP SHAPE THE PROJECT!

CONNECT WITH US ON SOCIAL PINPOINT: www.engage.wauwatosa.net/wis-181-improvements



The Wisconsin Department of Transportation, in partnership with the City of Wauwatosa, is working to make our roads safer and more accessible for everyone.

We want YOUR input to help shape the project. Scan the QR code to connect with us on Social Pinpoint. Use our interactive map to share your safety concerns or provide opportunities.

PROVIDE COMMENTS BY MAIL:

Wisconsin Department of Transportation
Southeast Transportation Region
141 NW Barstow St, Suite 218
Waukesha, WI 53188-3789
ATTN: Douglas Cain



OR VISIT THE
WisDOT WEBPAGE



How to use Social Pinpoint:

- 1 SELECT "ADD MARKER"
- 2 DROP A PIN
- 3 ADD YOUR COMMENTS
- 4 CLICK SUBMIT

