

DESIGN and CONSTRUCTION NEWS

Zoo freeway and local roads impacted

The Wisconsin Department of Transportation (WisDOT) is beginning the reconstruction of the Zoo Interchange. The boundaries of the Zoo interchange reconstruction are Burleigh Street on the north; 70th Street to the east; Lincoln Avenue to the south; and 124th Street to the west.

In addition to the core of the interchange where US 45, I-894 and I-94 meet, the reconstruction project includes interchanges at Greenfield Avenue, Bluemound Road/Wisconsin Avenue, Watertown Plank Road, WIS 100, North Avenue, 84th Street, and reconnecting to Lincoln Avenue and 70th Street.

The reconstruction plan will improve safety and efficiency on adjacent roadways on WIS 100 (Mayfair Road), Bluemound Road, Watertown Plank Road and Glenview Avenue/84th Street.

Work on off-freeway roads will accommodate traffic during the reconstruction of the freeway system and improve operations on heavily traveled roads.



PROJECT SCHEDULE



Year 2013 // Reconstruction of WIS 100 (Mayfair Road)



As part of the Zoo Interchange project, WisDOT will reconstruct WIS 100 (Mayfair Road) from I-94 to Watertown Plank Road in 2013.

Work is scheduled to span one construction season. Two lanes will remain open in each direction for the majority of the project.

The project will widen WIS 100 to the east. In both the northbound and southbound directions, there will be four lanes for through traffic as well as accommodations for pedestrians and bicycles.

As a result of community input to complete the work efficiently in one construction season and maintain mobility, the project will include a full closure of the WIS 100 and Bluemound Road intersection from July 20-31. There will be a separate full closure of the intersection of WIS 100 and Watertown Plank Road from August 1-10.

At WIS 100 and Bluemound Road, the railroad tunnel under the intersection will be the focus in conjunction with a large portion of the pavement replacement.

While there will be supporting work done around the intersections prior to and after the full closures, the bulk of the intersection work will be completed during the full closure. There will also be significant utility work done at the intersection of WIS 100 and Watertown Plank Road in the spring of 2013. When feasible, the work will be done on nights and weekends.

In late summer, there will be a number of significant traffic generating events in the area. In addition to the 24/7 access needed at the medical center, WisDOT will keep traffic impacts to a minimum for the Wisconsin State Fair, Zoo ala Carte, and the 110th Harley Davidson celebration.



Streetscape concept for WIS 100 (Mayfair Road), including illustration of colored crosswalks used for pedestrian safety

Other WIS 100 (Mayfair Road) project features include:

- New traffic signal at WIS 100 and Wisconsin Avenue
- Stormwater ponds at the former Super 8 hotel site and an expanded pond at WIS 100 and Watertown Plank Road
- Repaired and lengthened railroad tunnel underneath the WIS 100 and Bluemound Road intersection
- Streetscaping such as colored crosswalks, trees, and decorative landscaping
- LED street lights
- Integrated traffic signals on adjacent corridors

Year 2013 // Glenview Avenue/84th Street

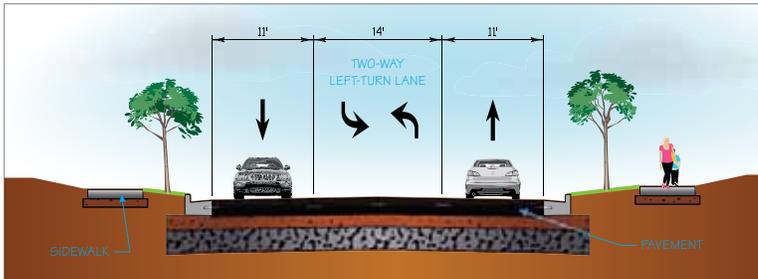
WisDOT will reconstruct Glenview Avenue from just north of Wisconsin Avenue to just south of Bluemound Road in 2013. This project will improve safety and operations during and after Zoo Interchange reconstruction.

Construction is planned for May through August of 2013 and will coincide with less school traffic on the road. During the reconstruction of Glenview Avenue, the roadway from Bluemound Road to Wisconsin Avenue will be open to local traffic only for two months. There will be a full closure of the intersection of Wisconsin Avenue and Glenview

Avenue for approximately one month during the summer when local access will be from Bluemound Road only.

Glenview Avenue will be redesigned to include a two-way left turn lane from Bluemound Road to Wisconsin Avenue. There will be no parking allowed at any time.

Intersection improvements are planned at Wisconsin Avenue, making the area safer for pedestrians. These include enhanced crosswalk areas with colored concrete and pedestrian countdown timers, left turn lanes and signal light turn arrows.



Two-way left turn at North Glenview Avenue

How does the Zoo Interchange compare to the Marquette Interchange?



The magnitude of the Zoo freeway reconstruction is illustrated in the table to the right, which compares the Zoo Interchange project to the Marquette Interchange project completed in 2008.

Freeway Miles	9 miles	4 miles
Square Feet of Bridges	1.3 million	1.9 million
Length of Retaining Walls	11 miles	4.9 miles
Year Opened	1964	1969
Age at Reconstruction	50	35
Traffic (vehicles per day)	350,000	285,000

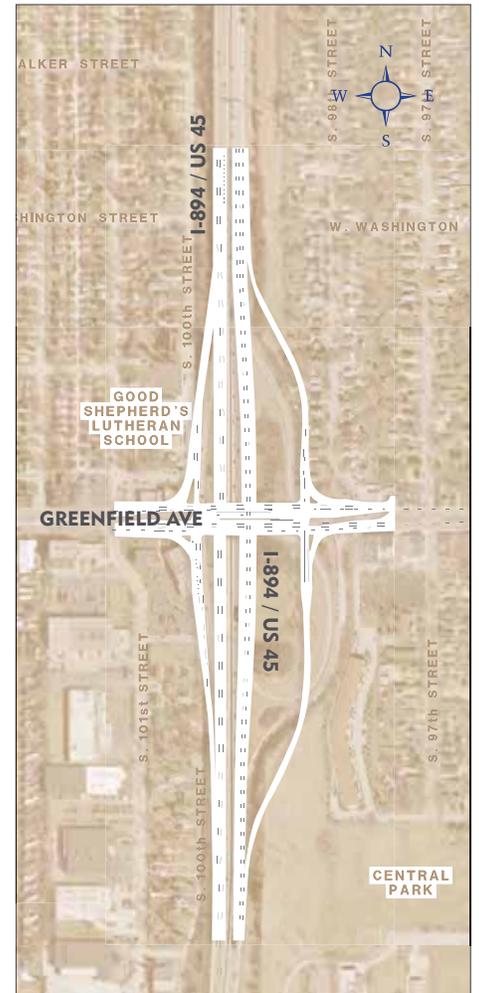
Year 2013 // Greenfield Avenue

WisDOT will be reconstructing Greenfield Avenue from 106th Street to 97th Street in 2013.

Work on the section of roadway from 106th Street to 97th Street is scheduled to begin in early 2013. 101st to 106th will be open to local traffic during construction; the bridge over I-894 will close for construction and the bridge and travel lanes will re-open prior to the Wisconsin State Fair.

The freeway ramps to/from Greenfield Avenue will be closed for the majority of the reconstruction period, with the exception of the northbound exit ramp which will be open to eastbound Greenfield Avenue traffic only. Detours will be provided.

During the reconstruction of the mainline freeway in 2015-17 there will be additional impacts to the Greenfield Avenue ramps.



Year 2013 // Swan Boulevard

WisDOT will reconstruct and realign Swan Boulevard in 2013.

The new Swan Boulevard will be realigned to the west, intersecting Watertown Plank Road at Innovation Drive. Swan Boulevard will include accommodations for bikes and pedestrians and will have streetscaping enhancements.

Vehicles heading south on Swan Boulevard will access southbound and northbound US 45 through the freeflow Watertown Plank Road Interchange, planned for 2014 reconstruction.

Vehicles heading north on US 45 that wish to continue north on Swan Boulevard will follow the loop ramp and free-flow movement to the west of the freeway along Watertown Plank Road.

Swan Boulevard work will be complete prior to the reconstruction of the Watertown Plank Road interchange. Swan Boulevard, and the new Discovery Parkway on the UWM campus, will be the local detour route during the Watertown Plank Road interchange reconstruction.

RECONSTRUCTION HIGHLIGHT

The Greenfield Avenue bridge over I-894 will close for construction in early 2013 and will re-open prior to the Wisconsin State Fair.



Significant changes coming to utilities in the area

In addition to the improvements to local roads and the freeway system, the Zoo Interchange project involves the relocation of many area utilities. The power corridor that shares geography with the Zoo freeway provides reliable power to the most populous areas of the state. WisDOT is working closely with local and regional government utility infrastructure managers, the American Transmission Company (ATC) regarding the impacts to the transmission lines, and We Energies regarding

their infrastructure.

The replacement of utility infrastructure that serves the security of the region will result in more modern, reliable equipment in the Zoo Interchange. ATC is replacing the lattice towers with poles resulting in a smaller footprint and cleaner look along the freeways.

Starting in 2012, drivers using the Zoo freeway system will see construction and relocation activity at the area substations and along the power corridors.



Utility coordination

Electric

- Three area substations
- Existing power plant on Watertown Plank Road
- Overhead and underground lines
- New facilities provide additional reliability to the Milwaukee Regional Medical Center
- Relocating poles
- Replacing lattice towers with poles

Municipal and county water service

- Water mains
- Pumping stations

Other services

- Storm and sanitary sewers
- Steam lines
- Gas lines
- Communications

2012 Construction Forecast

- Wisconsin Avenue interchange temporary modifications
- Lincoln Avenue temporary ramp modifications
- Water main work and resurfacing on Greenfield Avenue
- At select locations throughout the corridor:
 - Intersection improvements (turn lane addition/modification)
 - Signal timing improvements (add left turn arrows, pedestrian countdown timers, other)
 - Add general purpose lanes by removing the HOV entrance ramp lanes



[facebook.com/Wisconsin-Zoo-Interchange-Project](https://www.facebook.com/Wisconsin-Zoo-Interchange-Project)



[@WI511_Southeast#zoic](https://twitter.com/WI511_Southeast#zoic)



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PUBLIC MEETING

Join us for a Public Information Meeting – same information on both nights so stop by when it is convenient for you.

September 19 and 20, 2012
4:00 p.m. – 7:00 p.m.

State Fair Park
Tommy Thompson
Youth Center

640 S. 84th St
Milwaukee, WI

MCTS Route 67

Next newsletter edition - Winter/spring 2013

- Change is coming to Watertown Plank Road!
 - Maintaining safe and reliable access to area facilities during construction
 - Access for tens of thousands of employees
 - Milwaukee Regional Medical Center
- Updates on area roadway reconstruction and detours



Watch your mailbox for notices for upcoming noise barrier and local meetings!

Keep up to date
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Stay in touch
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