

DESIGN and CONSTRUCTION NEWS

Construction underway

Thank you for your patience as the first major construction projects of the Zoo Interchange are underway. The community is beginning to see progress on the project with the demolition and reconstruction of the Greenfield Avenue bridge over I-894 and utility and roadway work on WIS 100 (Mayfair Road) from I-94 to Watertown Plank Road.

This project is a significant investment in the infrastructure of Milwaukee County, creating construction jobs and long-term economic benefits.

Greenfield Avenue — Through July 2013

Location: 97th Street to 106th Street

What's included: Reconstructing Greenfield Avenue from 97th Street to 106th Street

The new bridge will be wider — with dual left turn lanes at the northbound and southbound freeway entrances — and will have two through lanes.

If you are a pedestrian traveling over the Greenfield Avenue bridge, stay dry in one of the Milwaukee County Transit System buses. The ride is free when boarding at 92nd and Greenfield or on Greenfield between 101st and 108th Streets while on a route 56 bus. Get the details here: www.ridemcts.com.

WIS 100 (Mayfair Road) — Through December 2013

Location: I-94 to Watertown Plank Road

What's included: Widening the roadway to the east with an additional lane in each direction

Other features include: a new traffic signal at Wisconsin Avenue and WIS 100, lengthening and repairing the railroad tunnel underneath the WIS 100 and Bluemound Road intersection and enhancements such as colored crosswalks and decorative landscaping.

Local access to businesses and residents within the closure area will be maintained at all times.

Watch for additional details regarding the full intersection closures at Bluemound and Watertown Plank Road at www.zoointerchange.wi.gov.



2013 Full Closures

- **Through July 19**
Greenfield Avenue bridge over I-894
- **July 20 – 31**
WIS 100/Bluemound Road intersection
- **August 1 – 10**
WIS 100/Watertown Plank Road intersection
- **July/August**
Glenview Avenue from Bluemound Road to Wisconsin Avenue
- **August**
Wisconsin Avenue (at Glenview)

What's next? Construction in later 2013

In 2013 and 2014 we are rebuilding key routes and local road bridges over the freeway. Bridges will be lengthened to accommodate freeway and core interchange work scheduled for 2015 through 2018.

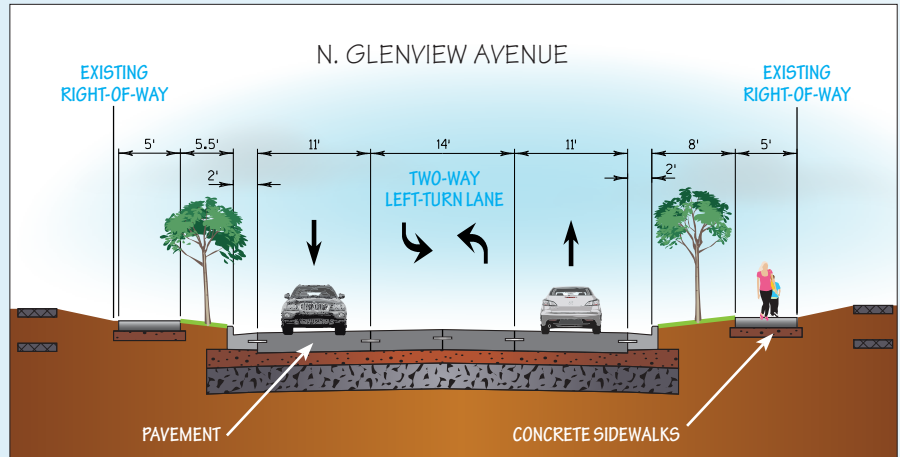
Glenview Avenue / 84th Street

May to August 2013

Location: Wisconsin Avenue to I-94

What's included: Improvements on Glenview Avenue are designed to improve traffic flow, increase pedestrian safety and repair the pavement.

Between Wisconsin Avenue and Bluemound Road, a two-way left turn lane will be built to ease traffic congestion and parking will no longer be allowed on Glenview. The roadway also will be resurfaced from Bluemound Road south to I-94. Utility work is already underway. One lane will remain open to traffic during resurfacing.



One lane will remain open to traffic during resurfacing.

With the schools and neighborhood foot traffic on Glenview, improvements are being made for pedestrian safety. Enhanced crosswalks areas, pedestrian countdown times and left-turn arrows coordinated with walk/don't walk signals will make pedestrian areas more visible and safer for crossing.

Swan Boulevard

August to December 2013

Location: Watertown Plank Road to Discovery Parkway

What's included: The project will provide safer and more efficient freeway and local road operations. Swan Boulevard will be realigned to the west, intersecting Watertown Plank Road at Innovation Drive. The new Swan Boulevard will include accommodations for bikes and pedestrians and will have streetscaping enhancements and a new roundabout entrance to the Underwood Creek Parkway.

Swan Boulevard reconstruction will 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 designated detour route during the Watertown Plank Road interchange reconstruction in 2014.

Watertown Plank Road (utility work)

March to December 2013

Location: Watertown Plank Road to Discovery Parkway

What's included: In the months preceding reconstructing Watertown Plank Road and the interchange, expect ongoing utility work with frequent lane closures and changes to normal traffic patterns. Work will be coordinated by the WisDOT, the city of Wauwatosa, Milwaukee County, WE Energies, the Milwaukee Metropolitan Sewerage District, and various communications and fiber-optic organizations.

Cleveland Avenue

Spring to fall 2013

Location: Cleveland Avenue bridge over I-894

What's included: Utility work is underway. Major road and bridge reconstruction will begin in May 2013. The bridge will be lengthened, replacing sidewalks and lighting. It will be closed during construction.

The Dakota Street pedestrian bridge will be reconstructed in 2014.

Noise Barriers

Where will the noise barriers be built in the Zoo Interchange corridor?

Locations in Milwaukee, Wauwatosa and West Allis are identified for noise barriers. Locations were selected based on a noise analysis that predicts future noise levels.

Noise along highways is measured in decibels (dB). Future levels of noise, with a new freeway in place, is measured and predicted with noise modeling software. If a simple majority of the benefited receptors (properties with 8 dB reduction) cast a ballot in support of the barrier, noise barriers will be constructed in various locations in the Zoo Interchange corridor.

We've met with neighbors surrounding 12 noise barrier sites, with the exception of those north of Watertown Plank Road. All of the sites have received a vote of support from the residents.

What will the noise barriers look like?

The barriers will range in height depending on the location and the topography of the land.

Barriers have two sides — one side that faces the highway and one side that faces the residential areas. The side facing the highway will blend in with the overall design elements chosen for the freeway corridor. The side facing the residential areas will be designed to fit in with the surrounding community.

WisDOT will work with local officials to select a compatible design for the residential side of the barriers.



Noise barrier, residential side

Integrated Corridor Management (ICM) System

WisDOT is implementing a variety of measures to address traffic congestion on major roads in the Zoo Interchange area. The ICM system is a proactive means to manage anticipated impacts to operations during construction and long term on WIS 100, Bluemound Road, Greenfield Avenue, 84th Street and other roads in the area.

Improve the physical infrastructure — intersection improvements, turn lanes, entrance and exit ramps, local roads (arterials)

Signal operations — implement an adaptive signal system; a real-time signal timing system based on traffic conditions

Incident management — establish systems for managing incidents on the freeway and major local roads (weather related incidents, crashes, vehicle emergencies)

Traveler information — 511 traveler alerts, social media, print, stakeholder outreach

Many of these improvements are well underway. The adaptive signal control already has been deployed at six traffic signals along 1.5 miles of WIS 100 between Burleigh Street and Walnut Road in Wauwatosa.



Watch for our Fall 2013 newsletter including the latest information on what to expect in 2014 and later years!

Watertown Plank Road

- Late 2013 roadway and interchange work
- Closure/detour information

76th Street

- Closures and detours on 76th Street & 84th Street
- Kearney/O'Connor impacts throughout construction

WIS 100 Interchange at I-94

- Redesign of interchange ramps
- Construction of new bridges
- Closures of ramps during construction
- Stormwater management within the interchange
- Railroad bridge reconstruction, including impacts to I-94 operations during construction



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PROJECT SCHEDULE

	2013			2014			
Greenfield Avenue (97th to 106th Street)	[Bar]						
WIS 100 (I-94 to Watertown Plank Road)	[Bar]						
Cleveland Avenue	[Bar]						
Glenview Avenue (Bluemound Road to Wisconsin Ave.)	[Bar]						
84th Street (Bluemound Road to I-94)	[Bar]						
Swan Boulevard		[Bar]					
76th Street Bridge (including Kearney & O'Connor Streets)			[Bar]				
Watertown Plank Road (interchange and roadway)			[Bar]				
WIS 100 Interchange & UP Railroad Bridges at I-94			[Bar]				

Looking Ahead...

2015 – 2017

- Reconstruction of main freeway lanes on I-94, US 45 and I-894
- Reconstruction of ramps in the core of the Zoo Interchange

2017 – 2018

- Reconstruction work on US 45 north of Swan Boulevard to Burlleigh Street (bridges, interchanges and main freeway lanes)

