

2014 brings mix of re-opened routes and new closures

Construction is well underway on the local roads and interchanges surrounding the core of the Zoo Interchange.

Even with record-setting cold and daily forecasts for snow, major progress can be seen throughout the Zoo Interchange corridor.

The work at Watertown Plank Road and US 45 is on schedule and planned to be complete by the end of 2014. A special thanks for the patience exhibited by the many drivers whose travels take them to the Milwaukee Regional Medical Center and Milwaukee County Research Park as their routes have been changing since early 2013.

The work at WIS 100 and I-94 is doubly complicated with the reconstruction of the interchange and the reconstruction of the adjacent railroad bridge. Progress is being made on both projects. Rebuilding the railroad bridge will require a temporary full closure of I-94, so watch for media coverage of the closure.

The ongoing work on 76th Street and 84th Street at I-94 is impacting local businesses and residents as area roads experience changes to traffic patterns and closures due to reconstruction. One component of the construction is the demolition of old noise barriers and the construction of new noise barriers. As the project progresses, the 76th Street bridge will be rebuilt wider than the existing bridge to better accommodate vehicle, bike and pedestrian traffic. The 73rd Street pedestrian bridge will be removed as noise barriers are built along O'Connor and Kearney Streets.

Updated information on closures and project progress is available on Facebook, Twitter and the project website: www.zoointerchange.wi.gov.



The construction of WIS 100 (Mayfair Road) from Bluemound Road to Watertown Plank Road is largely complete with final landscaping work planned for the spring of 2014.



The 2013 Swan Boulevard project includes the construction of "the butterfly wall" along US 45. The wall celebrates the migratory path of monarch butterflies.

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Lights, cameras, action!

At many intersections throughout the project corridor, cameras are being installed that will play an important role in moving traffic more efficiently in the area.

The Wisconsin Department of Transportation (WisDOT) is installing this system of cameras and traffic monitors to actively monitor the freeway and local arterial road system for congestion and traffic incidents.

Motorists are informed of traffic changes on message boards on major local roads and traffic light timing is adjusted based on real-time traffic conditions.

The message boards themselves receive information from the cameras and from sensors on the highway that collect information on traffic volume and speed. WisDOT staff monitors the incoming information and can instantly change the message on the dynamic boards. The “hybrid travel time sign” shown here provides motorists with real-time travel information for various routes to the same destination.

In addition, the cameras are fed into WisDOT’s 511 System, which motorists can access by phone or by web for current highway conditions (dial 511 or visit our mobile site: www.zooic.org).

The cameras aren’t watching people or drivers’ obedience to traffic laws, rather the cameras are tools used to help WisDOT manage traffic. Corridor improvements funded by the Zoo Interchange project include: Bluemound Road, Greenfield Avenue, WIS 100, Moorland Road and 84th Street.



Sample camera and hybrid travel time sign system

Intersections improved throughout the area

WisDOT has completed intersection improvements throughout the Zoo Interchange corridor to help improve traffic flow as the local roadways experience an increase in traffic during freeway reconstruction. Investments have been made to intersections in Milwaukee, Wauwatosa, West Allis, Brookfield, New Berlin and West Milwaukee. The intersection improvements are part of an integrated corridor system developed in partnership with the local communities and are part of a creative and holistic approach to traffic operation improvements in the corridor.

Intersection improvements include:

- **Traffic signals improved with latest technology and equipment**
- **Temporary signals and signal timing improvements**
- **Reflective borders around signals to improve visibility**
- **Emergency vehicle preemption**
- **Turn lanes and turn signals**
- **Pavement marking improvements**
- **Pedestrian amenities such as countdown timers, wider sidewalks and improved crosswalks**
- **On-ramp capacity improvements**

Design and engineering work continue

Final design plans for the core of the Zoo Interchange are continuing with dozens of bridges, walls and miles of freeway being designed. Construction of the core of the Zoo Interchange is scheduled for late 2014 through 2017 (see schedule map on back page). In the interim, WisDOT will continue to monitor the safety of the structures and the stability of the mainline freeway.

The winter of 2013-14 has been particularly hard on local roads and the freeways. Due to the harsh weather, some pavement will need to be repaired prior to the full reconstruction. A temporary resurfacing will ensure a safer ride in the years leading up to and through the full reconstruction of the core of the interchange.

Design also continues for the northernmost section of the corridor on US 45 from Swan Boulevard to Burleigh Street. Plans for modifications to the Meinecke Avenue Bridge, the Center Street Bridge, the pedestrian bridge north of Center Street and the North Avenue interchange are moving forward. Neighborhood and local meetings will be held for areas impacted by the design plans to gather input as the engineering work continues. *Watch your mailbox for notices of meetings in your neighborhood.*



A green freeway job: WisDOT leads the way in recycling

The Wisconsin DOT is proud to be a leader in the recycling industry, recycling tons of concrete and asphalt on the job site as well as sign bridges, steel rebar, steel beams, wiring and light fixtures off-site.

How is the recycling done?

The concrete is crushed on-site with a portable crusher and the resulting gravel is used as a base in the new construction. The asphalt is milled on-site and reused in the new pavement. In addition to saving money and reducing hauling and waste costs, reusing the concrete and asphalt on-site reduces the pollution caused by hauling the debris away.

What about quality?

Recycled materials meet the highest quality standards. With performance-based specifications and warranties, recycled materials can be used if the final product complies with standard engineering practice. Standard engineering practice includes consideration of: pavement performance, effects on human health, effects on the environment, impact on safety, recyclability of the final product and life cycle cost analysis.

What about all the dirt?

A program as complex as the Zoo Interchange also has an extensive reuse plan for dirt. Some of the individual interchange and road projects are “fill jobs” that need dirt and others are “waste jobs” that have excess dirt. The timing and staging of these projects adds to complexity of storing and transporting the dirt, but the Department stresses the importance of keeping materials on-site or in the corridor whenever possible.



WisDOT anticipates recycling the equivalent of 4,000 dump trucks full of concrete from the project job sites in 2015.



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CONSTRUCTION COMPLETE:

76th Street Bridge & the Honey Creek box culvert (including Kearney Street)
FALL 2014

Watertown Plank Road (interchange, roadway & utility work)
END OF 2014

WIS 100 Interchange & Union Pacific Railroad Bridges at I-94 (& utility work)
END OF 2014

Late 2014 to 2017 Core Construction Schedule



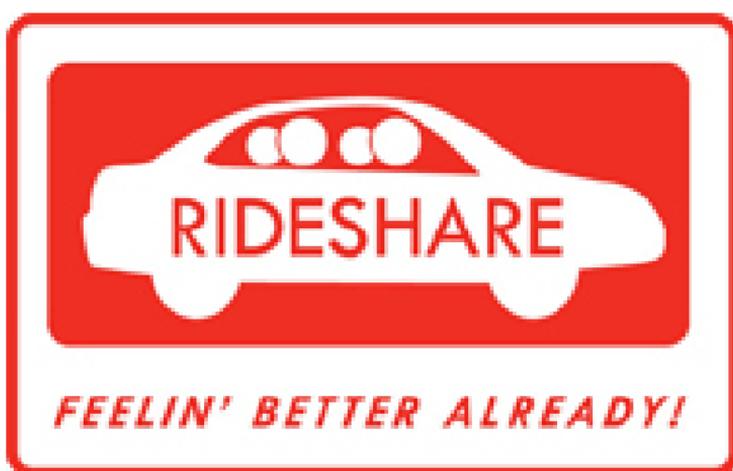
TRANSPORTATION OPTIONS

Share a ride!

Driving got you down? Seeing orange barrels in your sleep? Relief is just a click away by finding a match on the WisDOT Rideshare program or by choosing mass transit options with our partners at Milwaukee County Transit System, Wisconsin Coach lines, Washington County Commuter Express, Waukesha Metro and more.

Rideshare and transit options save you money, reduce stress, and make construction projects a lot less of a hassle.

RIDESHARE PROGRAM



The Wisconsin Rideshare is an online carpool and bike buddy ride matching program. Enter your origin, destination, work times, contact information, and "voilà!" — your matches appear on the screen. Contact your matches right from the match list. Then establish your carpool.

For a successful carpool, be flexible and clearly communicate schedules and plans. So, if orange and white striped barrels give you a headache, register with Wisconsin Rideshare for commuter relief.

Rideshare brings commuters together and is a free service provided by the State of Wisconsin.

www.rideshare.wi.gov

BIKE SHARING

What is bike sharing? It is a short-term automated bike rental system providing affordable and convenient transportation options for commuters in the area.

WisDOT is partnering with local municipalities to develop bike sharing programs. Watch for more information as this plan moves forward.

TRANSPORTATION OPTIONS

PARK AND RIDE



Take advantage of multiple park and ride lots throughout the Zoo Interchange to meet your carpool, vanpool or bike buddies. The Watertown Plank Road Park & Ride lot has been temporarily relocated to US 45 and Burleigh Street.

dot.wisconsin.gov/travel/parkride

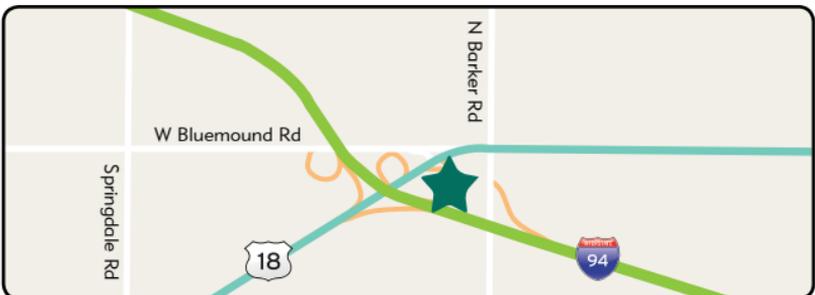
US 45/Burleigh Street Park & Ride



I-94/76th Street Park & Ride



I-94/Barker Road (Goerke's Corners) Park & Ride



TRANSIT SERVICES

The following transit services are available as an alternative:



ridewcce.com



ridemcts.com



coachusa.com



ci.waukesha.wi.us/web/guest/waukeshametro/transit_home



Wisconsin Travel Info

511 provides free real-time travel conditions. Create personalized traffic profiles to receive travel time and alert information. 511: Traveler information at your fingertips! 511wi.gov



Give 'em a BRAKE

Driving safely protects people on the road and the people in your own car. Driving safely protects you. So follow the rules, follow the law, and be safer in the work zone.