



Summer 2017

# 39/90 IMPROVING a gateway to Wisconsin

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## FASTLANE grant advances work between Beloit and Janesville

Beginning this September, crews will reconstruct and expand a 12 mile stretch of I-39/90 northbound from Hart Road near Beloit north to the I-39/90 and US 14 interchange (Exit 171B) in Janesville.

The work on this section of the overall I-39/90 reconstruction project was originally planned for 2019, but was advanced to begin this fall thanks to the Fostering Advancements in Shipping and Transportation for the Long-term Achievement of National Efficiencies (FASTLANE) grant from the Federal Highway Administration. The Wisconsin DOT received \$40 million from the grant designed to provide Federal financial assistance to freight and highway projects of national or regional significance.

When traveling north on the Interstate near Janesville, motorists will crossover to the temporary northbound lanes immediately adjacent to the southbound lanes. This allows Interstate travel to remain open with two lanes of traffic in each direction while crews remove, reconstruct and expand the existing northbound lanes.

All ramps at the US 14 interchange and WIS 11/Racine Street interchange (Exit 175) will remain open during daylight hours of the reconstruction with overnight closures periodically during the project.



*Traffic travels on I-39/90 in Janesville. Last year's temporary widening paves the way for this fall's Interstate expansion in this area.*

A good example of this Interstate configuration can be found on I-39/90 near Edgerton in Dane County. Two lanes of traffic remain open in each direction, separated by a median barrier wall, with periodic nighttime ramp closures.

Construction will include sheet pile installation and removal, pavement


breaking and roadway compaction activities, which are necessary parts of the construction process. Those in the vicinity are likely to hear and/or feel these operations.

We greatly appreciate your understanding and patience as we work to improve the Interstate for all motorists.

To stay informed on the upcoming Interstate operations, be sure to [register for I-39/90 project email updates](#) and follow the [I-39/90 Project Facebook page](#).

## Connect with us!

Stay up-to-date on the I-39/90 Expansion Project. From construction updates to meeting notices and handouts, you can connect with us to get information in whichever way is most convenient.

 608.884.1234

 [www.i39-90.wi.gov](http://www.i39-90.wi.gov)

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 [Facebook.com/WisconsinI3990Project](https://www.facebook.com/WisconsinI3990Project)

Sign up for email updates on the website.



Get real-time travel conditions by calling 511 or visiting, [www.511wi.gov](http://www.511wi.gov).

[www.i39-90.wi.gov](http://www.i39-90.wi.gov)

## Construction operations shared through pictures and videos

Using time-lapse photography and video editing, the Wisconsin Department of Transportation (WisDOT) is providing an interesting inside view as construction crews work on various projects as part of the I-39/90 Expansion Project. Click on the images to view the videos, which provide insight on how certain aspects of the project are being completed. The videos include:

### 2016 time lapse of Rock River Bridge Construction

(March – October 2016)  
WATCH the time-lapse video as it captures construction progress from March to October 2016 as crews work on half of the new I-39/90 northbound bridge over the river.



### I-39/90 northbound bridge pier demolition over the Rock River

(January 2017)  
WATCH as WisDOT staff and construction crews braved the frigid temperatures on January 4, 2017 to remove the final pieces of the old I-39/90 northbound bridge that once spanned the Rock River near Edgerton.



### Pavement breaker readies old concrete to be removed and reused

(April 2017)  
WATCH the pavement breaker on the old northbound lanes of Interstate 39/90 near Edgerton. This equipment makes it more manageable for crews to remove the existing pavement. Approximately 1.26 MILLION square yards of pavement will be removed with this year's project. That's over 100,000 tons of material that will be reused and recycled as aggregate for the new expanded lanes.



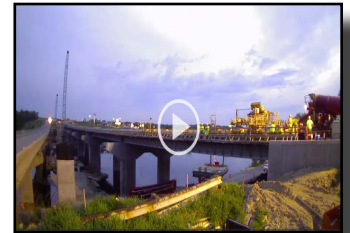
### Rock River bridge girder placement for I-39/90 northbound

(April 2017)  
WATCH how crews set 24 new girders for the I-39/90 northbound bridge over the Rock River, near Edgerton and Newville. Each girder is 54 inches tall and approximately 120 feet long between the five piers and abutments.



### Bridge concrete deck pour for northbound Interstate bridge over Rock River

(May 2017)  
WATCH time-lapse video as crews complete a concrete pour for the I-39/90 northbound bridge over the Rock River, near Edgerton and Newville. Approximately 630 cubic yards of concrete was poured over the span of nine hours.



### Manogue Road bridge demolition makes way for new bridge construction

(May 2017)  
WATCH the time-lapse video of the bridge removal over two nights, condensed into 67 seconds. This 56-year-old bridge was the last remaining overpass to be replaced along I-39/90, between Beloit and Madison.



### Crushing operations on I-39/90 northbound near Edgerton

(June 2017)  
WATCH the crushing operations on the existing pavement from I-39/90 northbound near Edgerton, with the help of the pavement breaker and other equipment.





## Janesville rest area expansion to accommodate more trucks

Nearly 30 percent of the total traffic on I-39/90, between Madison and Beloit, is comprised of large trucks. Changes to Federal law in 2013 require truck drivers to take mandatory breaks to prevent driver fatigue. As a result, truck parking at Rest Area 17 - located just north of Janesville - is often filled to capacity.

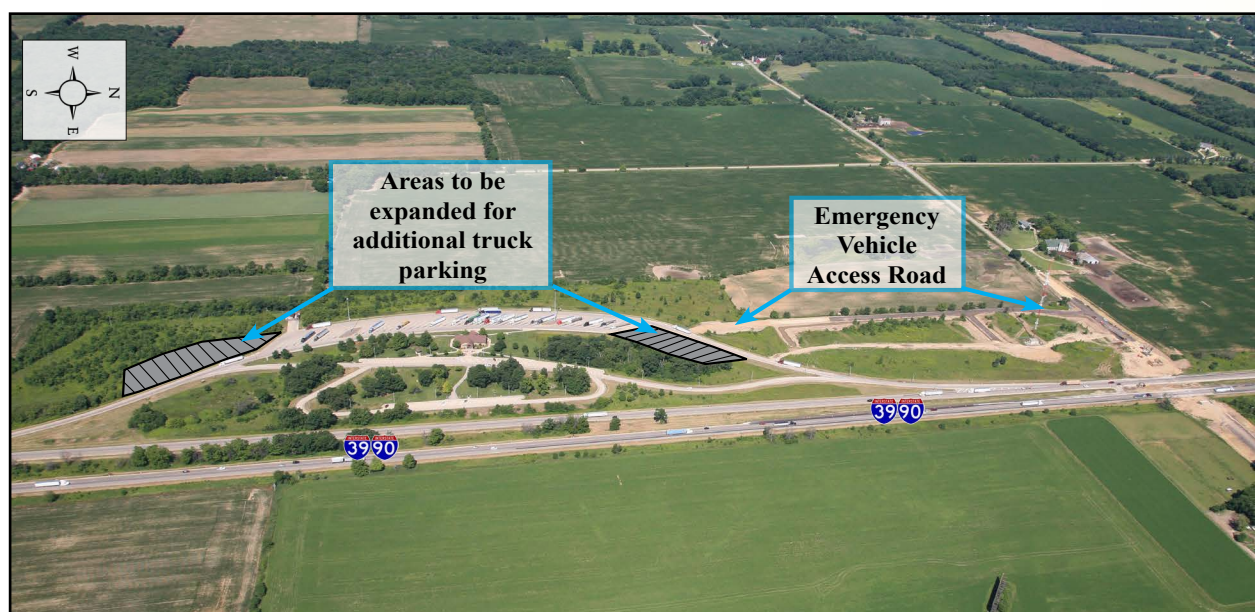
As part of the I-39/90 expansion, Rest Area 17 will be expanded to accommodate increasing needs by the trucking industry.

The expansion includes adding 35 to 40 new semi stalls and an electronic message board that displays the number of open spaces available. There will also be a staging area for oversize/overweight vehicles that need additional space to accommodate loads being transported.

The goal is to better serve drivers who need a break during long trips and give truckers a place to rest prior to continuing to their destination.

In addition to the expansion, a gated emergency access road connecting Manogue Road to the rest area will allow authorized emergency vehicles to use this access road to get to the Interstate via the rest area. This roadway connection is only for emergency vehicles and will be completed in September 2017.

The truck parking expansion will begin in spring 2019 and is expected to be completed in fall 2019. Rest Area 17 is anticipated to remain open during construction; however, there will be periodic closures including two weeks to connect the ramps to I-39/90.



*Growth in over-the-road shipping is causing rest areas to be used more often, creating congestion and a need for more parking to meet the demand of the trucking industry.*

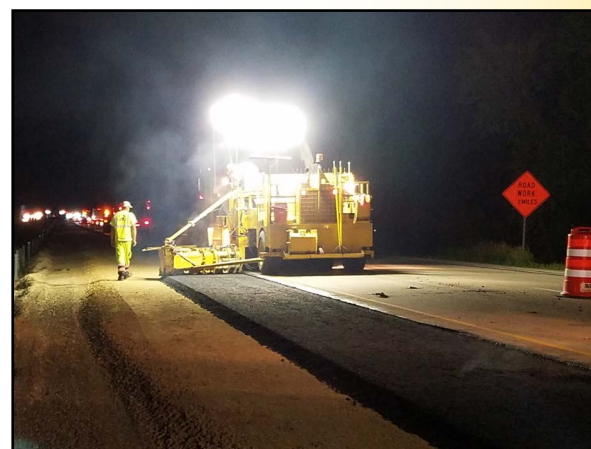
*Expansion of this rest area includes additional parking for large trucks, as well as oversize/overweight loads. The addition of the emergency access road provides first responders with greater flexibility in incident management.*

## Crews continue temporary widening work

Last year, construction crews added temporary asphalt lanes on the southbound side of Interstate 39/90, between Janesville and Beloit, in Rock County. Another temporary widening project is underway further north between Madison and Edgerton in Dane County. Those project work limits are from County AB south to East Church Road (mile marker 154).

In conjunction with the temporary widening work in Dane County, crews will also widen four southbound Interstate bridges spanning local roadways within these limits, including County MN, Drotning Road, County W and County B.

Due to the bridge widening work, County W under I-39/90 was closed in mid-June and will reopen in mid-September, and Drotning Road was closed on July 10 and will reopen in early October. Motorists must use alternate local routes. County MN and County B will be closed at a later date, and message boards will warn motorists of the upcoming closures.



*Temporary widening work is underway along I-39/90 southbound between Madison and Edgerton. Crews often work close to high-speed traffic, so please be alert and slow down in all work zones!*

Please be alert for crews and equipment in this area, especially during the nighttime lane closures on I-39/90 between 8 p.m. and 5 a.m. Monday through Friday.

## Bridge projects remain on track despite the wet weather

Despite the unusually wet weather this spring and early summer, crews continue to work on the following bridges:



**County AB bridge near Madison**  
Bridge deck work is underway. The concrete pour is tentatively scheduled for the week of July 31 - August 2. Asphalt paving, bridge staining and restoration will occur in August. County AB over I-39/90 is closed to all traffic until early September 2017.



**Rock River Bridges near Edgerton**  
All I-39/90 traffic is shifted onto the northbound side and bridge over the Rock River. Be alert for crossovers in this area, and please stay in your lane! Southbound bridge removal will begin in September. This bridge project is anticipated to be completed in summer 2018.



**Manogue Road bridge north of Janesville**  
Crews continue to work on the median pier. Bridge girders will be set the week of July 31 - August 4 during nighttime hours. Bridge deck work and concrete pour to follow. Manogue Road over I-39/90 is closed to all traffic and is anticipated to reopen in early September 2017.



**Stateline Road bridge in Beloit**  
Bridge deck work is ongoing with the concrete pour to occur between July 24 - July 27. Asphalt paving, bridge staining and restoration will occur in August. Stateline Road bridge over the Interstate is closed to all traffic and is currently scheduled to re-open in early September 2017.

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## Technology allows motorists to choose a preferred travel route

To mitigate travel delays when incidents happen on Interstate 39/90 in Dane and Rock counties, WisDOT has implemented travel time monitoring technologies on the [alternate routes](#) that, when paired with travel time information on the Interstate, provide motorists with options for choosing their preferred route to reach their destination. This is useful when incidents or recurring congestion create Interstate delays.

A system is needed to measure and compare travel times along the Interstate and the adjacent alternate routes, which allows drivers to make informed travel route decisions.

A current system deployed by WisDOT along I-39/90 measures travel times. The challenge was to measure travel times along the more than 70 miles of designated alternate routes. To accomplish this, WisDOT deployed a system that utilizes Probe Data from a third party vendor.

The vendor collects the various travel time data sources including freight company GPS location information and handheld GPS devices. This information is provided to WisDOT in real-time and then shared with motorists via the permanent Dynamic Message Signs (DMS) and temporary Portable Changeable Message Signs (PCMS), which are deployed along and adjacent to the I-39/90 corridor.

These signs provide comparative, real-time travel information to a specific destination along the corridor for both the Interstate and alternate routes. The options give motorists a choice of which route gets them to their destination most efficiently.



*Message board on I-39/90 northbound at Woodman Road alerts motorists on travel times to WIS 26 using the Interstate or the alternate route.*

These message boards are used for other purposes, such as alerting motorists to construction activities ahead. In total, there are currently 15 message boards displaying travel time information with six of them displaying comparative travel time messages along I-39/90.

Managing varying traffic demands during construction is an important goal for WisDOT and this system helps the department achieve that goal by providing travelers with real-time information about traffic conditions.

As you make your travel plans, visit Wisconsin's 511 travel information website, [www.511wi.gov](http://www.511wi.gov), download the [511 WI mobile app](#), or call 511 for travel times, incidents and more. Please keep your head up and phone down when driving!

Alerts and updates provided via these sites are not intended for use while driving. When driving, your focus should always be on driving.