



FALL 2016

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## Wisconsin's first Diverging Diamond Interchange to be completed in November



We are weeks away from completing Wisconsin's first Diverging Diamond Interchange (DDI), located at the I-39/90 and WIS 11 (Avalon Road) interchange (Exit 177) south of Janesville.

The new interchange shifts traffic to the opposite side of the road as you approach the interchange. This allows for free-flow, left turn movements onto the Interstate to occur without being impeded by oncoming traffic. Signs, traffic signals and pavement markings alert motorists when they cross over to the left side of the roadway.

Traffic proceeding through the interchange on WIS 11 westbound, or eastbound to Avalon Road, will travel through a second set of traffic lights and cross back to the right side of the road.

The benefits of a DDI include elimination of left turns that require crossing in front of opposing traffic, fewer points of conflict for potential collisions and minimized driver delay. On average during the morning rush

hour, 350 vehicles merge onto I-39/90 northbound from WIS 11 eastbound compared to only 71 vehicles continuing to Avalon Road.

Designated bicycle lanes, multi-use paths and crosswalks are available for bicyclists and pedestrians using the DDI.

DDI's in other communities across the United States have proven to be successful in managing traffic flow and meeting the needs of all users.

The new I-39/90 and WIS 11 (Avalon Road) interchange will accommodate all road users, including oversize/overweight vehicles and large trucks.

Similar to roundabouts, truck aprons are installed at the interchange ramps where those vehicles may off track. Please be alert for these vehicles and give them room as you proceed through the first DDI in Wisconsin. A grand opening ceremony is planned for Thursday, November 3 at 10 a.m. near the northwest corner of the interchange.

**Watch the narrated  
animation video of this  
interchange at  
[http://bit.ly/I39-90\\_WIS11-  
AvalonRdinterchange](http://bit.ly/I39-90_WIS11-AvalonRdinterchange)**

## Review of a busy construction season as multiple projects finish in 2016

As the road construction season comes to a close, we wanted to share a review of this year's projects related to the I-39/90 Expansion Project. Of the 20 projects underway this year, 18 will be completed by mid-November. Work on the I-39/90 bridges over the Rock River and the adjacent Interstate expansion near Edgerton is scheduled to be completed in summer 2018.

The projects nearing completion include:

- Bridge replacements on County BN, Church Street and Williams Drive over I-39/90, north of Stoughton.
- I-39/90 southbound bridge reconstruction over E. Church Road, north of the I-39/90 and US 51 interchange. **Fun fact:** *Nine girders were set for this new bridge. Each girder is nearly 123 feet long, about four and half feet tall and weigh approximately 109,000 pounds.*
- Temporary widening of I-39/90 southbound from E. Church Road to the Dane/Rock County line.
- Reconstruction of the southbound side of I-39/90 and US 51 interchange (Exit 156), near Stoughton. **Fun fact:** *On June 21, 2016, crews poured the first section of concrete pavement for the new permanent southbound Interstate lanes near this interchange.*
- Replacement of the Maple Grove Road bridge over I-39/90, near the US 51 interchange.
- Reconfiguration of the I-39/90 and WIS 59 interchange (Exit 163), near Edgerton and Newville. **Fun fact:** *During the three year construction of the Rock River bridge project (and this year's WIS 59 interchange work), about 70,000 tons of the existing concrete, asphalt pavement, and base aggregate on WIS 59 and I-39/90 is being recycled to be used for future Interstate and WIS 59 lanes in this area.*
- I-39/90 northbound bridge widening and rehabilitation over Newville Road, south of the WIS 59 interchange.
- Temporary widening of the southbound Interstate from just north of the WIS 26 interchange (Exit 171A) in Janesville to the County S (Shopiere Road) interchange (Exit 183), including widening of the WIS 26 and US 14 bridges.
- Intersection improvements at US 14 and WIS 140, along with safety enhancements to WIS 140.
- I-39/90 and WIS 11 (Avalon Road) interchange (Exit 177) reconfiguration. **Fun fact:** *This interchange will be the first Diverging Diamond Interchange (DDI) in the state, with approximately 70 across the nation. The closest DDIs are the Twin Cities and Naperville, IL.*
- Bridge replacements of Creek Road and Woodman Road over I-39/90, north of Beloit.
- I-39/90 southbound bridge repairs over Turtle Creek, near the County S (Shopiere Road) interchange (Exit 183).
- County BT opened in late May 2016 connecting County S with County G (Prairie Avenue).
- Alternate route improvements to Hart Road, between I-43 and County S (Shopiere Road), near Beloit, as well as replacement of the Hart Road bridge over I-39/90. **Fun fact:** *This project was completed ahead of schedule. Hart Road will serve as an I-39/90 alternate route for congestion and incident management during and after the Interstate expansion.*

**NOTE:** Work activities are weather dependent and project completion times are subject to change.

Register for I-39/90 project email updates at [www.i39-90.wi.gov](http://www.i39-90.wi.gov) to learn about the remaining work for these projects and when they will be completed. Final restoration and landscaping remains for most of these projects, and may be completed in spring 2017 with minimal traffic impacts.



*The County BN bridge over I-39/90 is removed and lengthened to accommodate future Interstate lanes.*



*Southbound Interstate traffic travels on new bridge at the US 51 interchange (Exit 156).*



*Motorists use temporary widening on I-39/90, north of WIS 59, as crews reconstruct the new northbound Interstate lanes in this area.*



## Temporary widening paves the way for 2017 expansion

While a successful 2016 construction season is winding down, project staff are already preparing and looking ahead to construction projects in 2017.

Nine new projects are planned for next year, including:

- Replacement of the County AB bridge over I-39/90, south of Madison, to lengthen the bridge to accommodate the additional lanes on the Interstate.  
(Construction: spring through fall 2017)
- Reconstruction of the I-39/90 and County N interchange (Exit 147) featuring three roundabouts to improve safety and traffic flow.  
(Construction: spring through fall 2017)
- Expansion of I-39/90 in the County N interchange area.  
(Construction: fall 2017 through fall 2018)
- Temporary widening of I-39/90 southbound for about 10 miles between County AB and East Church Road, north of the US 51 interchange (Exit 156).  
(Construction: summer through fall 2017)
- Reconstruction and expansion of I-39/90 northbound, from the Dane/Rock County line to East Church Road.  
(Construction: spring through fall 2017)
- Replacement of the Manogue Road bridge over I-39/90, near the rest area north of Janesville, to accommodate additional lanes on the Interstate.  
(Construction: spring through fall 2017)
- Temporary widening of I-39/90 southbound from the County S (Shopiere Road) interchange (Exit 183) to the Illinois state line.  
(Construction: spring through summer 2017)
- Reconstruction and expansion of I-39/90 northbound from Hart Road near Beloit north to the I-39/90 and US 14 interchange (Exit 171B) in Janesville.  
(Construction: fall 2017 through fall 2019)
- Replacement of the Stateline Road bridge over the Interstate, southeast of Beloit.  
(Construction: spring through summer 2017)



*Temporary widening occurred on I-39/90 southbound near Edgerton this year. All Interstate traffic will be shifted onto this side next year during the I-39/90 northbound expansion in this area.*

**NOTE:** These construction projects and schedule are subject to change.

Work will also continue on the replacement of the I-39/90 bridges over the Rock River and Interstate adjacent to the bridges, which will be completed in summer 2018. Visit the I-39/90 Project website at [www.i39-90.wi.gov](http://www.i39-90.wi.gov) to learn about the overall project, between Beloit and Madison, including exhibits under “Project segments” and watch narrated animation videos on some of the area interchanges under the “Resources” tab. While there, be sure to sign up to receive email updates on the project.

### 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 project website.

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





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## I-39/90 Expansion Project Newsletter

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### I-39/90 and WIS 59 interchange taking shape as construction nears completion

Motorists traveling to Newville and Edgerton will notice the new I-39/90 and WIS 59 interchange (Exit 163) is nearing completion. The interchange will feature three roundabouts, two of which connect the I-39/90 on and off ramps to WIS 59, to provide a safer and more efficient interchange to access the area.

The third roundabout connects WIS 59 to North Richardson Springs Road and Goede Road. The new roundabouts replace the temporary traffic lights at the intersections used during construction. Business access remains open throughout construction, and we encourage you to continue to visit and patronize these businesses! As part of these improvements, a new park and ride lot will be constructed along North Richardson Springs Road, on the southeast corner of the WIS 59 interchange.

If you travel this area and use the WIS 59 interchange, you are encouraged to watch the narrated animation video at <http://bit.ly/WIS59interchangeAnimation>.

Construction at the I-39/90 and WIS 59 interchange is currently anticipated to be completed and fully open to traffic in mid-November. Final restoration, bridge staining and landscaping may occur in spring 2017 with minimal traffic impacts.



*The three roundabouts begin to take shape, as work progresses on the I-39/90 and WIS 59 interchange in northern Rock County.*