



I-290 Interchange Project

PROJECT OVERVIEW

As part of the new Illinois Route 390 Tollway, the Illinois Tollway is completely rebuilding the I-290 Interchange.

Scheduled to be complete by the end of 2017, the I-290 Interchange Project is estimated at approximately \$440 million and will include 17 ramps and 15 new bridges in the interchange area between Meacham/Medinah Road and Prospect Avenue and will create direct access with free-flow traffic movements to and from Illinois Route 390 in all directions.

In 2016, work on the I-290 Interchange at Illinois Route 390 will continue, including the construction of the new flyover ramp bridge connecting eastbound I-290 to eastbound Illinois Route 390, as well as completion of the ramp carrying westbound I-290 to eastbound Illinois Route 390 and Hamilton Lakes Drive and completion of access improvements and reconstruction of Illinois Route 390 from Meacham Road/Medinah Road to Prospect Avenue.

Construction Update (7-1-16)

I-290 Interchange

On I-290 between Devon Avenue and Irving Park Road, traffic is shifted in both directions. Traffic is scheduled to remain in this configuration into summer of 2016.

In addition, traffic traveling from westbound I-290 to eastbound Illinois Route 390 and from eastbound I-290 to eastbound Illinois Route 390 is being directed to temporary ramps while construction is underway on the permanent ramps.

PROJECT SUMMARY

The I-290 Interchange Project will significantly improve travel and enhance mobility throughout the adjoining communities. The new I-290 Interchange includes the following features:

- Construction of the new Illinois Route 390 from Meacham Road/Medinah Road to Prospect Avenue.
- Construction of a new Rohlwing Road Bridge carrying traffic over Illinois Route 390.
- Construction of new and improved interchanges along Illinois Route 390 including a partial access

interchange at Hamilton Lakes Drive, a full-access interchange at Prospect Avenue/Arlington Heights Road and improvements at the Meacham Road/Medinah Road interchange.

- Construction of new bridges to carry Illinois Route 390 over local roads and construction of frontage roads to provide full access for travelers.

I-290 Interchange

The new I-290 Interchange will feature two flyover ramp bridges and ramps connecting westbound I-290 to Illinois Route 390 and eastbound I-290 to eastbound Illinois Route 390, as well as a ramp connecting eastbound I-290 to westbound Illinois Route 390. Work also includes drainage, retaining wall and noisewall construction.

In 2016, the Illinois Department of Transportation will continue construction of the flyover ramp that will carry traffic from eastbound I-290 traffic to eastbound Illinois Route 390. The multi-span structure will pass over both I-290 and Illinois Route 390 and create a new, free-flow movement. The new flyover ramp will provide two 12-foot lanes with a 10-foot outside shoulder and a 12-foot inside shoulder and will replace the current at-grade ramp that ends at a signalized intersection at Illinois Route 390. The total length of the flyover ramp bridge will be 1,063 feet long with a bridge deck that will be approximately 38 feet above Illinois Route 390.

In 2015, the Tollway completed the westbound I-290 to eastbound Illinois Route 390 flyover ramp bridge and ramp, which includes eight concrete piers with 6- to 8-foot-diameter columns and 54 steel girders to support the new ramps. The total length of the flyover ramp bridge is 2,100 feet long with a bridge deck that is 34 feet above grade at its highest point.

Rohlwing Road (Illinois Route 53) Bridge

In 2015, the Illinois Tollway completed the new bridge carrying Rohlwing Road (Illinois Route 53) traffic over Illinois Route 390 and eliminated the signalized intersection. Access to Illinois Route 390 and I-290 is maintained via frontage roads and I-290 interchange ramps. In addition, Rohlwing Road was reconstructed and widened between West

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Thorndale Avenue and Hamilton Parkway.

In addition, the Tollway has opened the ramp carrying westbound Illinois Route 390 to Rohlwing Road, providing direct access from Illinois 390 to Rohlwing Road in the westbound direction. In addition, by 2017, the ramp carrying Rohlwing Road traffic to eastbound Illinois Route 390 will open, providing direct access from Rohlwing Road to Illinois Route 390.

Illinois Route 390

As part of the I-290 Interchange Project, Illinois Route 390 will be reconstructed from Meacham Road to Prospect Avenue, including three lanes in each direction between interchanges. Frontage roads will be constructed on both sides of Illinois Route 390 between Meacham Road/Medinah Road and Rohlwing Road to provide access to local traffic. East of I-290, a frontage road will connect Clover Ridge Lane, Arlington Heights Road and Prospect Avenue.

Additional information about these projects is available on the "Projects by Roadway" section of the Tollway's website.

Traffic Impacts

Whenever possible, the Tollway uses traffic shifts and shoulders to keep as many lanes open during peak hours as were available before construction.

For bridge work, off-peak lane closures and lane reductions will be required during construction and temporary, overnight full closures on roadways will be required for bridge beam installation.

In addition, closures of several local roads will be needed to accommodate ramp construction. Detours will be posted.

PROJECT SCHEDULE

The I-290 Interchange Project is scheduled to be complete by the end of 2017. An estimated timeline includes:

- The new ramp carrying traffic from eastbound I-290 to westbound Illinois Route 390 is scheduled to be complete in fall 2016. This will eliminate the final temporary traffic signal at the I-290 Interchange.
- The new ramps carrying traffic from westbound Illinois Route 390 to eastbound I-290 and from westbound Illinois Route 390 to westbound I-290 are scheduled to be complete in summer 2016.
- The new flyover ramp carrying traffic from eastbound I-290 to eastbound Illinois Route 390 is scheduled to be complete in fall 2017. This will eliminate a traffic signal at the I-290 Interchange.

PURPOSE

The I-290 Interchange is being reconstructed to provide direct access to and from Illinois Route 390 in all directions relieve congestion along Illinois Route 390, as well as along Rohlwing Road, Thorndale Avenue, Park Boulevard/Hamilton

Lakes Drive and Prospect Avenue. The new interchange is expected to reduce travel times by up to 35 percent.

Up to 83,000 vehicles per day currently use ramps at the Illinois Route 390/I-290 Interchange. In 2017, when the new interchange ramps open, up to 127,000 vehicles per day are expected to use the ramps – an increase of more than 53 percent. Up to 240,000 vehicles a day travel through the Illinois Route 390/I-290 area. By 2030, that number is expected to increase to 340,000.

These improvements are part of the \$3.4 billion Elgin O'Hare Western Access Project, which is included in the Tollway's 15-year, \$12 billion capital program, *Move Illinois: The Illinois Tollway Driving the Future*.

BUILDING GREEN

The Tollway is committed to "Building Green" and minimizing the environmental impact of construction by reducing, recycling and reusing materials.

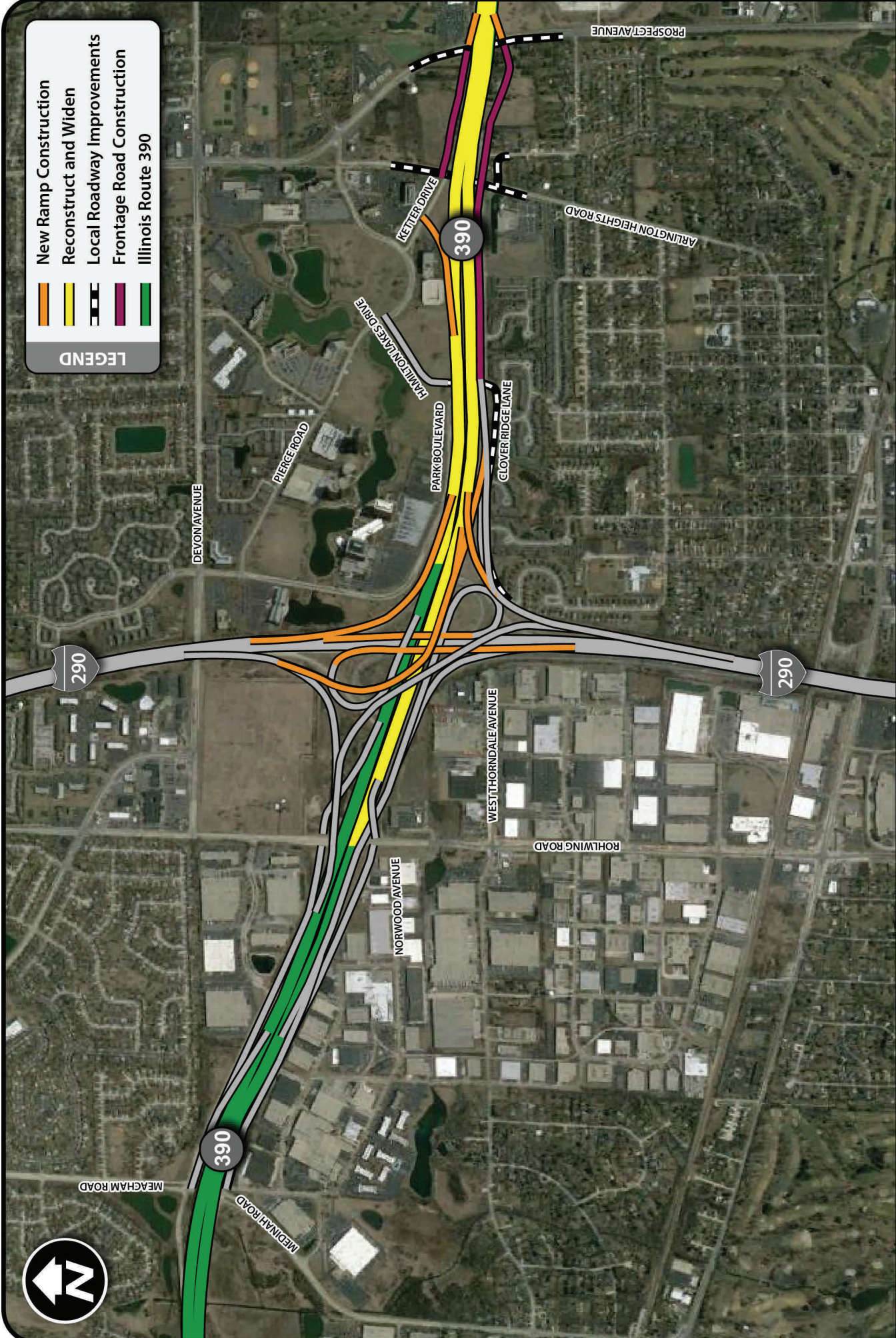
WORK ZONE SAFETY

Construction zone speed limits are in effect in all construction zones 24/7. Drivers should continue to watch for changing traffic patterns and use caution, especially when workers are present. Visit the Tollway's Work Zone Safety page at www.illinoistollway.com.



LEGEND

- New Ramp Construction
- Reconstruct and Widen
- Local Roadway Improvements
- Frontage Road Construction
- Illinois Route 390



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ELGIN O'HARE WESTERN ACCESS I-290 Interchange Project – 2016 Construction

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