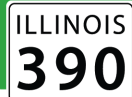


ELGIN O'HARE WESTERN ACCESS PROJECT



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.

In 2017, work to complete the I-290 Interchange at Illinois Route 390 includes the construction of the new ramp carrying Rohlwing Road traffic to eastbound Illinois Route 390, providing direct access from Rohlwing Road to Illinois Route 390 and completion of full access.

Construction Update (09-11-17)

The left lane on the new flyover ramp bridge connecting eastbound I-290 to eastbound Illinois Route 390 remains closed. It will open when interchange construction is complete in fall 2017.

Traffic exiting eastbound I-290 to eastbound Illinois Route 390 has been directed onto the new Illinois Route 390 roadway. As a result of this temporary traffic shift, traffic exiting eastbound I-290 will be unable to directly access local roads in this area, including Park Boulevard, Hamilton Lakes Drive, Clover Ridge Lane and Arlington Heights Road. Drivers are [detoured](#) to Prospect Avenue and then redirected onto the westbound frontage road to access local roads. Westbound traffic and local traffic on the eastbound frontage road will not be affected by this traffic shift. Traffic will remain in this configuration through mid-September.

PROJECT SUMMARY

The I-290 Interchange Project will significantly improve travel and enhance mobility throughout the adjoining communities.

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 Tollway in all directions.

I-290 Interchange

The new I-290 Interchange features 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.

The Illinois Department of Transportation has completed construction of the flyover ramp to carry traffic from eastbound I-290 traffic to eastbound Illinois Route 390. The multi-span structure passes over both I-290 and Illinois Route 390 and creates a new, free-flow movement. The total length of the flyover ramp bridge is 1,063 feet long with a bridge deck that is approximately 38 feet above Illinois Route 390 at its highest point.

The Tollway has completed the westbound I-290 to westbound 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 2017, the ramp carrying Rohlwing Road traffic to eastbound Illinois Route 390 will open, providing direct access from Rohlwing Road to Illinois Route 390.

In 2015, the Illinois Tollway completed the new bridge carrying Rohlwing Road 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 Thorndale Avenue and Hamilton Parkway.

The Tollway also 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.

Illinois Route 390 Tollway

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

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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.

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 was completed in 2016. The completion eliminated 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 were completed in 2016.
- The new flyover ramp bridge connecting eastbound I-290 to eastbound Illinois Route 390 opened to traffic and the traffic signal for traffic traveling from eastbound I-290 to eastbound Illinois Route 390 was removed in 2016. The left lane will of the new flyover ramp bridge will open in the fall of 2017.

PURPOSE

The I-290 Interchange is being reconstructed to provide direct access to and from Illinois Route 390 in all directions and 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, \$14 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. In addition to reducing the cost of this work, reuse of these materials reduces the need for virgin asphalt materials and reduces energy consumption, greenhouse gases and the volume of material that would otherwise be sent to landfills.

WORK ZONE SAFETY

The Illinois Tollway is committed to ensuring that I-290 and Illinois Route 390 remain safe for both drivers and workers during construction, which is part of the agency's overall commitment to roadway safety.

Electronic message signs and construction signage will be put in place in advance to alert drivers to scheduled lane closures, traffic patterns and work zone speed limits.

Work zone speed limits are in effect in all construction zones 24/7 and drivers should continue to watch for changing traffic patterns and use caution, especially when workers are present. On I-290, a 55 mph work zone speed limit will be in effect throughout the construction season. On Illinois Route 390, a 45 mph work zone speed limit is in effect.

Visit the Tollway's Work Zone Safety page at illinoistollway.com.