

BRIDGE WORK



Canadian bridge site construction



US bridge site construction

The bridge towers continue to climb as single pylons, with the Canadian and US towers both standing over 190 metres/625 feet tall. The project team has approximately seven cement pours left on each tower until they reach their final heights of 220 metres/722 feet later this year.

Anchor boxes, which secure the cables to the towers, continue to be installed and cable installation is well underway. Approximately 28 stay cables have been installed on the US and Canadian towers. In total, the Gordie Howe International Bridge requires the installation of 216 stay cables, 108 on each tower.

Construction of the bridge deck over the Detroit River continues with girder installation, steel erection and pre-cast panel placement. Safety is the project team's top priority and appropriate measures are in place to ensure the safety of everyone during construction over the water. The shipping channel through the Detroit River will remain open during construction with close coordination and communications occurring between the project team and respective agencies.

Learn more about cable installation and bridge construction by visiting GordieHoweInternationalBridge.com.

PORTS OF ENTRY

CANADIAN PORT OF ENTRY

At the Canadian Port of Entry (POE), construction on all 11 structures is well underway in different stages of progress. Activities include drywall installation, framing and concrete work.

Primary inspection lane construction continues with framing, mechanical, electrical and plumbing work. Toll building and canopy construction is also ongoing with stud and soffit sub framing work.

Foundation work on an overpass within the POE has also begun, along with the construction of footings for high mast light poles. Images of Canadian Port of Entry progress are shown below.



US PORT OF ENTRY



US Port of Entry construction

Construction activities are advancing at the US Port of Entry with all 13 buildings and structures taking shape. Plumbing, drywall, light fixtures and structural steel installations are taking place as well as underground utility work.

Foundation work continues on the primary inspection lane canopy footings. Drainage system work along Jefferson Avenue is also taking place, as well as sewer lining activities on Waterman Street.

Construction traffic continues to use designated haul routes to minimize community impacts, traffic congestion and wear and tear on existing infrastructure while maximizing public and construction safety. Routes for construction traffic south of I-75

include M-85 (Fort St), Green St (from Fort to Jefferson Ave), Livernois Ave (from I-75 to CSX railroad), Campbell Street (from Fort Street to Jefferson Avenue), Jefferson Avenue (from Campbell to the west City limits) and any permanently closed roadways.

MICHIGAN INTERCHANGE (I-75) WORK



Springwells Street road bridge

The project team has made significant progress on I-75 construction work. Clark Street, Springwells Street and Livernois Avenue road bridges are open to traffic, with the Green Street road bridge anticipated to open in 2023. The Junction Avenue road bridge has been demolished and is being reconstructed into a pedestrian bridge.

Local road improvements have started at Green Street, Livernois Avenue, Campbell Streets, Jefferson Avenue and Fort Street.

CURRENT TRAFFIC PATTERNS

- Service Drives are closed or reduced to single lanes in some areas between Springwells and Clark Street. The northbound Service Drive is open between Wilde Street and Rademacher Street and southbound Service Drive between Green Street and Lewerenz Street.
- Livernois Street is open to two-way traffic between Fort Street and West Lafayette Street and one-way traffic north of West Lafayette Street.
- The primary detour route for motorists includes the use of the Livernois, Springwells or Clark Street road bridges to cross over I-75.
- Travelers wishing to access I-75 northbound or southbound, will detour to West Vernor Highway, or Fort Street depending on directional travel needs.

I-75 RAMP CONSTRUCTION

Work is well underway on the ramps that will connect I-75 to the US POE. These new structures are located between Campbell Street and Livernois Avenue and will provide an overpass above Fort Street and I-75 lanes and on/off ramps.



Construction of I-75 and US POE connector ramps



Design rendering of I-75 and US POE connector ramps

- All ramps shown in the image above are under construction at various stages.
- Girder installations on ramps A, B, C and D are nearing completion. Prep work for bridge deck construction is now taking place in some areas. This will include laying steel formwork, rebar installations and concrete pours.
- Foundational work, including construction of bridge footings and piers, is currently taking place on ramp E.
- Minimal traffic impacts are anticipated in relation to this work and may include single lane closures and short-term temporary closures.

For more information about the Gordie Howe International Bridge project visit www.GordieHoweInternationalBridge.com or call 1-844-322-1773. Follow us on Twitter at www.twitter.com/GordieHoweBrg, like us on Facebook at www.facebook.com/GordieHoweBridge and connect with us on LinkedIn at www.linkedin.com/company/wdba-apwd.