

CONSTRUCTION UPDATE: WINTER 2022

PORTS OF ENTRY

CANADIAN PORT OF ENTRY

At the Canadian Port of Entry (POE), underground utility installations are ongoing across multiple areas of the 53 hectares/130 acre site, with grading and paving underway in some areas.

Work is underway on all buildings and canopy structures. The POE buildings continue to take shape with some in early construction, with excavation and foundation work underway, while others have progressed further with installation of roofing, building façade, stud and block walls, and interior rough-ins for mechanical, electrical and HVAC systems.



Canadian Port of Entry primary inspection lanes.

At the primary inspection lanes, foundation work is complete, structural steel erection continues and paving is underway. The toll booths continue to take form with foundational work. Once complete, there will be 22 primary inspection lanes and 16 toll booths.

Retaining wall work is also underway at the Canadian POE east gateway, where the Port of Entry will eventually connect to the Rt. Hon. Herb Gray Parkway.

US PORT OF ENTRY

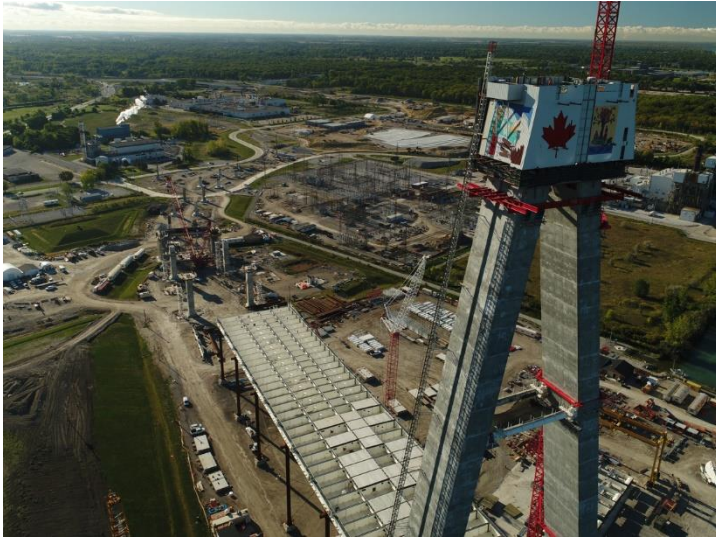


US Port of Entry facility construction

Construction activities are advancing at the US Port of Entry as the buildings and canopies also take form. Underground utilities, electrical and plumbing work continues at some buildings, while foundation and structural work is underway at others.

Construction traffic is using 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.

BRIDGE WORK



Canadian bridge deck and side span construction



US tower and bridge deck construction

The bridge tower legs have joined together on the Canadian and US sites and continue to climb as single pylons, with both now reaching more than 152 metres/ 500 feet. Each tower is composed of 51 different segments that are being constructed using a jump form climbing system that “jumps” vertically every 4.5 metres/15 feet. The project team has just under 18 cement pours left until the bridge towers reach their final heights of 220 metre/722 feet.

The project team is also installing 35 cable stay anchor boxes, which will hold the cables that will eventually connect and support the bridge deck and future roadway.

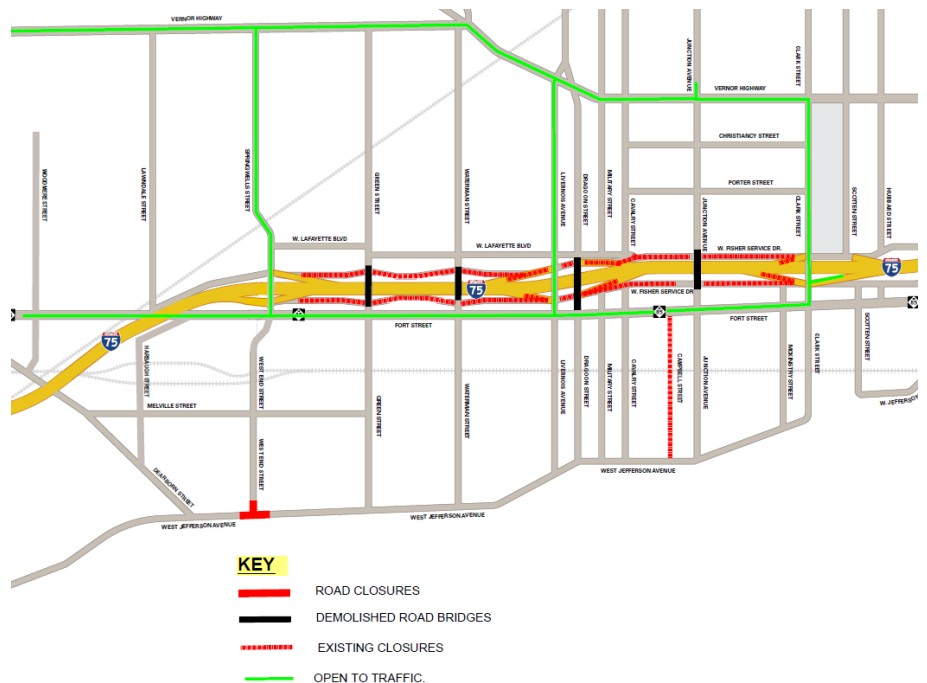
Construction of the road deck continues on the back span of the bridge. It is anticipated that work over the Detroit River will begin to take place in 2023.

MICHIGAN INTERCHANGE (I-75) WORK

PHASE TWO CONSTRUCTION

Phase two began in late 2021 and includes:

- Livernois, Springwells and Clark Street road bridges open to traffic.
- Livernois Avenue switched to a two-way traffic configuration between Fort Street and W. Lafayette Street. Livernois Street will remain one-way from W. Lafayette Street northbound.
- Long-term closures of the northbound and southbound I-75 service drives between Green Street and Waterman Street.
- Closure and demolition of Waterman Street, Dagoon Street, Green Street and Junction Street road bridges, and demolition of Ferdinand Street pedestrian bridge.



PHASE TWO TRAFFIC PATTERNS

- The primary detour route for motorists during Phase Two activities includes the use of the Livernois, Springwells or Clark Street road bridges to cross over I-75.
- Travellers wishing to access I-75 northbound or southbound will be detoured to West Vernor Highway or Fort Street, depending on their directional travel needs until spring 2023.
- Northbound and southbound I-75 traffic has shifted onto the median to allow for ramp reconstruction and widening of I-75. This traffic shift will be in place on I-75 until January 2024.

RAMP CONSTRUCTION FROM I-75 TO US POE



Conceptual rendering showing ramps connecting I-75 to the US POE



Girder installations taking place on I-75

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

Currently, girder installations are taking place on two of the four ramps (ramps B and C shown in the above photo). To complete this work, full weekend closures of I-75 are anticipated to take place in December 2022.

The remaining two ramps (A and D) are anticipated to start construction between 2023-2024.

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