

## CONSTRUCTION UPDATE: WINTER/SPRING 2024



*Bridge construction progress*

### BRIDGE WORK

The Canadian and US bridge towers have reached their full height of 220 metres/722 feet.

The Gordie Howe International Bridge will include 216 stay cables – 108 connecting from each tower to the bridge and road deck – when completed. To date, 98 have been installed on both the Canadian and US towers.

Construction of the bridge deck over the Detroit River began in December 2022 and is more than two-thirds complete. Approximately, 164.5 metres/539.7 feet is left to complete the connection, anticipated to occur this summer.

Once the bridge deck connection is complete, a substantial amount of bridge work is still needed. This includes:

- completion of cable stressing: each stay cable must be stressed to varying tension levels
- utility installation: including electrical systems, fire protection systems and other utilities
- drainage system installation: to help manage excess water from rain, snow, and ice events
- deck paving and pavement markings
- signage installation: including electrical, traffic and stationary signage
- barrier installation: including traffic and multi-use path barriers and means restriction fencing
- lighting: including aesthetic lighting, traffic lighting and lighting for the multi-use path.

Construction continues on the road deck extending inland connecting to the Ports of Entry in Canada and the US.

### PORTS OF ENTRY

#### CANADIAN PORT OF ENTRY

At the Canadian Port of Entry (POE), construction on all 11 buildings and structures is occurring. Activities include roofing, masonry work, installation of equipment and elevators, door framing and drywall.

Construction of the 24 inspection lanes and 16 toll booths is advancing. Framing and final touchups are taking place on both canopies.

Beam placement and deck construction are complete on the return to US overpass bridge and construction of the barrier wall is ongoing.



*Canadian Port of Entry construction progress*





*US Port of Entry construction progress*

## US PORT OF ENTRY

Construction activities are advancing at the US Port of Entry with all 13 buildings and structures taking shape. Drywall, doors, ceiling work and equipment installations are taking place within some buildings.

Construction of the 36 inspection lanes is well underway with roofing and structural steel installations occurring.

Paving and grading work is ongoing throughout the site as well as stormwater management pond work and underground utility installation.

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.

## MICHIGAN INTERCHANGE (I-75) WORK



**Road Bridges** ■ **Access Ramps** ■ **Pedestrian Bridges** ■

### ROAD AND PEDESTRIAN BRIDGE CONSTRUCTION

All four road bridges are complete and open to traffic (Springwells Street, Green Street, Livernois Avenue and Clark Street).

All five pedestrian bridges (Waterman Street, Beard Street, Solvay Street, Junction Avenue, Lansing Street) are under construction at various stages. Girder installations on all five pedestrian bridges are complete and crews are preparing for construction tie-ins.



*Clark Street road bridge*



*Solvay Street pedestrian bridge construction*

## NOISE WALL CONSTRUCTION

Noise walls (traffic sound barriers) are being constructed along three sections of southbound I-75 to help mitigate highway noise for nearby residents. Noise wall locations include:

- noise wall one: Green Street to Waterman Street, integrated with Beard Street and Waterman Street pedestrian bridges
- noise wall two: Dragoon Street to Junction Street
- noise wall three: Junction Street to Clark Street, integrated with the I-75 ramp and Lansing Street pedestrian bridge.

Each of the three noise walls are in various stages of construction. Construction of noise walls includes the following:

- drill shaft installation to provide a foundation for the noise wall
- post installation to support the noise wall panels, made of precast concrete
- securing the noise wall panels to the posts.

## SIPHON CONSTRUCTION

Siphon installation is underway along portions of I-75 to help facilitate future drainage in the area. Work continues at:

- Dragoon Street:
  - Northbound: Flume removal and finishing work remains
  - Southbound: Chamber and box culvert construction is ongoing
- Morell Street and Ferdinand Street:
  - sheet pile and excavation work is ongoing.



*I-75 and US POE connector ramps construction progress*

## RAMP CONSTRUCTION

The new ramps that will connect I-75 to the US POE are taking shape. These new structures are located between Campbell Street and Livernois Avenue and provide an overpass above Fort Street and I-75 lanes and on/off ramps. Ramp construction is advancing quickly with girder installations nearing completion. Ramps are anticipated to be complete in 2024.

Ramp construction activities include:

- foundational work, including construction of footings and piers
- girder installation
- rebar installation and concrete deck pours.

## CURRENT TRAFFIC PATTERNS

- Service Drives are closed or reduced to single lanes in areas between Livernois Avenue and Clark Street:
  - northbound and southbound Service Drives from Springwells Street to Livernois Avenue are open to traffic
  - southbound Service Drive from Clark Street to McKinstry Street is open to traffic
- 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 Springwells Street, Green Street, Livernois Avenue and 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.

**For more information about the Gordie Howe International Bridge project** visit

[www.GordieHoweInternationalBridge.com](http://www.GordieHoweInternationalBridge.com) or call 1-844-322-1773. Follow us on Twitter at [www.twitter.com/GordieHoweBrg](https://www.twitter.com/GordieHoweBrg), like us on Facebook at [www.facebook.com/GordieHoweBridge](https://www.facebook.com/GordieHoweBridge) and connect with us on LinkedIn at [www.linkedin.com/company/wdba-apwd](https://www.linkedin.com/company/wdba-apwd).