



CONSTRUCTION UPDATE

The aggressive construction schedule for the Gordie Howe International Bridge project will continue through the summer and fall 2020 into winter 2020-21. Construction is ongoing simultaneously throughout the four project components – the bridge, Canadian and US Ports of Entry (POE) and Michigan Interchange.

Construction activities that are in progress and will occur over the next few months include:

PORTS OF ENTRY

US PORT OF ENTRY (POE)

Bridging North America (BNA) continues to advance construction at the US POE. As part of this work, roads have been permanently closed to facilitate Phase One, Two and Three of construction.

Clearing and grubbing is complete and major earthworks have begun with more than 550,000 metric tonnes (1.2 billion pounds) of engineered fill and surcharge material placed.

More than 52,505 wick drains (of 105,000) have been installed to accelerate the settlement of soils to expedite construction and limit long-term settlement.

As part of the Phase Three work, which will begin in summer 2020, activities include:

- ongoing soil sampling
- installation of an instrument monitoring system
- gate installation at the perimeter fence.

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. Construction traffic is respecting restrictions on truck movements that are in place with the City of Detroit. Routes for construction traffic in the US include: M-85 (Fort St), Green St (from Fort to Jefferson Ave), Livernois Ave (from I-75 to Norfolk Southern Railroad), Dragoon Street (from I-75 to Norfolk Southern Railroad), Campbell Street (from Fort Street to Jefferson Avenue), Jefferson Avenue (from Campbell to the west City limits) and any permanently closed roadways. Designated haul routes are maintained for dust control and cleared of tracked mud.

CANADIAN POE

A four-kilometre Perimeter Access Road around the Canadian POE was constructed providing access to the adjacent businesses.

Complex Hydro One transmission line cable installations and terminations were also installed and are now tested and energized.

Wick drain installation is underway to help consolidate the soils for future building construction. Approximately 103,000 wick drains have been installed of a total 150,000.

Crews have placed 650,000 metric tonnes (1.4 billion pounds) of permanent grade raise and surcharge.

I-75 INTERCHANGE WORK

The demolition of three road bridges (Clark Street, Livernois Avenue and Springwells Street) crossing I-75 has been completed to make room for the new connecting ramps from the highway to the US POE.

Work over the next several months will focus on the reconstruction of these bridges which is anticipated to be complete in early 2021.

Over the next few months, the following work will be in process:

- reconstruction of I-75 ramps to and from Springwells Street and Livernois Street
- reconstruction of I-75 Service Drives (northbound and southbound) from Springwells Street to Green Street
- start of construction of Solvay Street Pedestrian Bridge
- completion of mainline shoulder expansion work at Springwells Street and Livernois Avenue, then traffic shift outside and start of construction of median piers.

BRIDGE WORK

Construction of the tower foundations for the main bridge are underway on both the Canadian and US bridge sites. Essential test shaft work for the bridge footings are complete. BNA will begin building structures on the ground this year.

The foundation for each tower is composed of a total of 18, 36-metre drilled production shafts; 12 for the main tower footing and six for the backspan.

CURRENT AND UPCOMING CANADIAN SITE WORKS

- Footing mock-up works for the second concrete pour
- Footing construction: rebar, steel template, formwork, post-tensioning, cooling, concrete pour
- Footing and columns side span works: rebar, formwork, concrete pour
- Drill shafts side span works: pile demolition
- Climbing system mockup (jumpforms)

CURRENT AND UPCOMING US SITE WORKS

- Tower drilled shaft concrete cleanout
- Electrical grounding on north and south footings
- Crane erection to assist in tower construction
- Mudslab installation
- Footing construction: rebar, steel template, formwork, post-tensioning, cooling, concrete pour
- Back span/anchor pier construction
- Tower jumpform assembly

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.