

## HIGHWAY TO HIGHWAY CONNECTIVITY

The Windsor-Detroit gateway is one of the busiest commercial land border crossings on the Canada-US border with over one-quarter of total bilateral trade crossing the Detroit River. The Gordie Howe International Bridge project is designed for end-to-end system connectivity, providing a seamless route between the two countries' interstate and interprovincial roadway systems.



The project team has reached a significant construction achievement with the start of the ramps connecting the US Port of Entry (POE) to the Michigan Interchange (I-75). Starting with ramps B and C shown in the conceptual rendering above, construction is well underway and taking place in segments. Construction of the ramps, including ramps A and D, is anticipated to continue over the next few years.

### WIDENING OF I-75

To construct the new on and off ramps, widening of I-75 is required. This work has started just west of Livernois Avenue to support the construction of ramps B and C. Crews are excavating the area at ramp C, and paving has started at ramp B. These areas are circled in red in the above design rendering.

I-75 widening work will continue over the next few years, including the areas that will connect into ramp A and D.



## RAMP CONSTRUCTION OVERVIEW

Connector ramps between I-75 and the US POE are located between Campbell Street and Livernois Avenue and will provide an overpass above Fort Street, I-75 lanes and on/off-ramps.



## RAMP AESTHETICS

Once complete, the ramp heights will begin below grade for vehicles accessing I-75 and will quickly elevate to a maximum of 23 feet above street-level prior to descending back to ground-level at the Port of Entry. Ramp speed limits are anticipated to be 25 mph. Landscaping will also be undertaken in these areas including tree plantings, shrubs and grasses.



*Conceptual design rendering looking east from Northbound I-75 Service Drive towards US POE*



*Conceptual design rendering looking west from Northbound I-75 Service on-ramp at Livernois Ave.*

## RAMP CONSTRUCTION UPDATE

Construction of the ramps includes excavation, construction of concrete footings, piers and abutments, as well as girder and bridge deck installations. To construct the footings and piers, concrete piles are driven approximately 100 feet into the ground before concrete footings are formed. Piers are then constructed, which support the girders and future roadway.

Currently, the project team continues to work on construction of the piers and installation of girders for ramps B and C.

The girders being used weigh approximately 70 tons (140,000 pounds) each and are installed in sets of four using large cranes.



Girder installation work

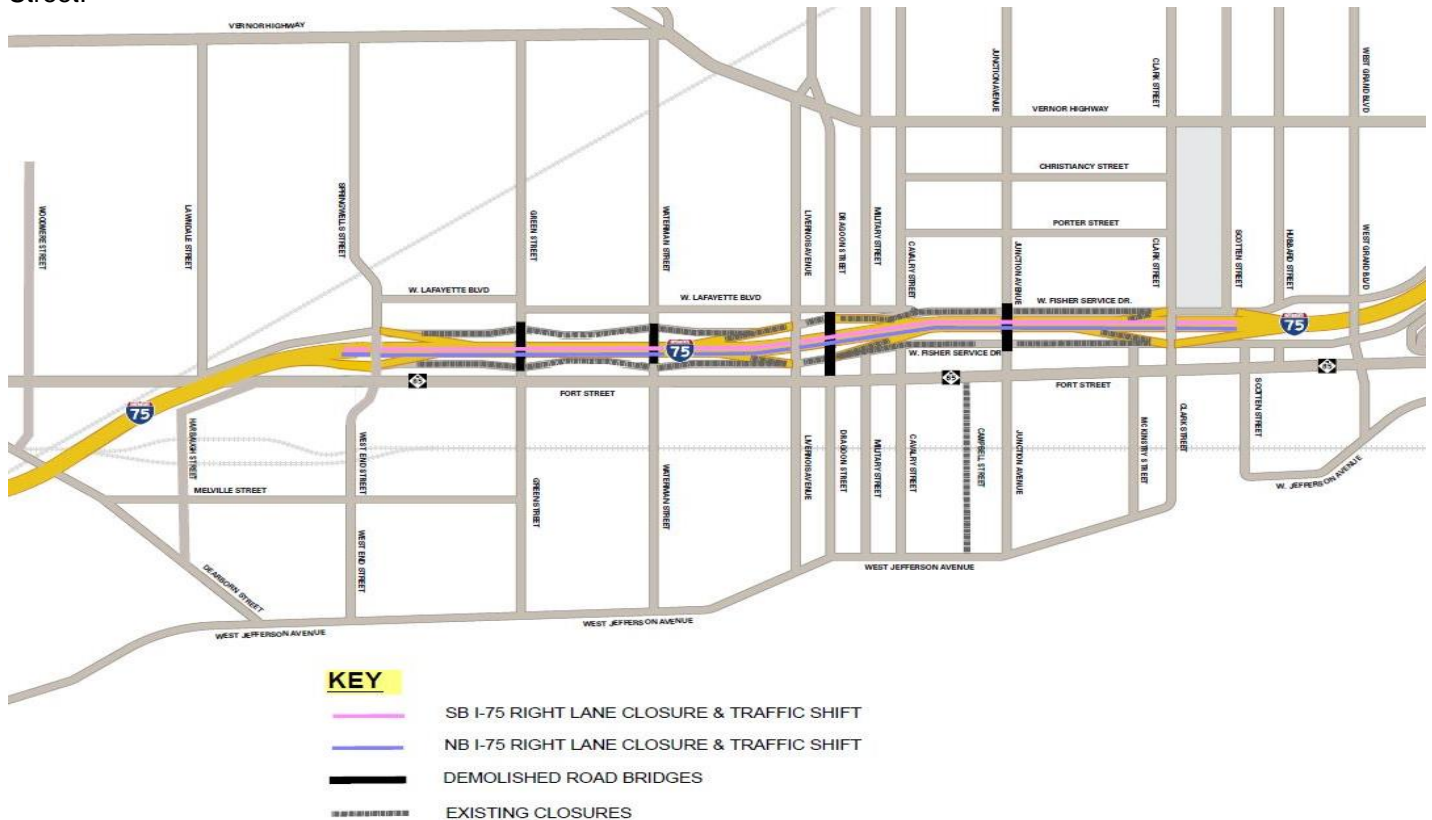


I-75 ramp construction work

## TRAFFIC IMPACTS

### WIDENING OF I-75 TRAFFIC SHIFTS

To support the widening of I-75 construction activities, a long-term traffic shift and lane closures are currently in place, including closure of the right lane and right shoulder of I-75 in both directions between Springwells Street and Clark Street.



### I-75 FULL WEEKEND CLOSURES FOR GIRDER INSTALLATIONS

To complete construction of the ramps, the project team will close sections of I-75, Fort Street and other local roads for the installation of girders and widening of I-75.

Over the month of November, the project team completed girder installations over Fort Street and Livernois Avenue, closing these roads over a series of weekends.



