



**INFRASTRUCTURE DEPARTMENT
MEMORANDUM**

TO: MAYOR J. LEHMAN AND MEMBERS OF COUNCIL

FROM: T. COMFORT, P. ENG., PROJECT MANAGER

NOTED: B. ARANIYASUNDARAN, P. ENG., PMP, DIRECTOR OF INFRASTRUCTURE
A. MILLER, RPP, GENERAL MANAGER OF INFRASTRUCTURE, AND GROWTH MANAGEMENT
M. PROWSE, CHIEF ADMINISTRATIVE OFFICER

RE: HARVIE ROAD / BIG BAY POINT ROAD CROSSING HIGHWAY 400 (WARD 6, 7, 8)

DATE: JUNE 29, 2020

The purpose of the Memorandum is to provide members of Council with an update on the progress to construct the new crossing over Highway 400 connecting Harvie Road and Big Bay Point Road (Contract 2018-002T).

Following are current project highlights:

1. The project is on schedule and budget for substantial completion by October 30, 2020.
2. A chronology of completed work activities (as of end of May 2020) is as follows:
 - The center pier in the Highway 400 median was built in 2019.
 - The concrete was poured in the east abutment in March and west abutment in April 2020.
 - The girders were erected on the bridge from May 12 to 14, 2020 (Exhibit A presents a recent photograph of the bridge with the girders in place).
 - Harvie Road from Veterans Drive to Essa Road has been widened and paved.
 - Whiskey Creek has been diverted into the newly constructed culvert 2.250 metres in diameter and 200 metres in length. This included tunneling under Highway 400 for 105 metres. All other culvert installations are complete.
3. Current work activities include:
 - Fairview Road and Big Bay Point Road were closed June 1, 2020 and will be reopened October 21, 2020.
 - Aecon are continuing to haul fill to the site to raise Big Bay Point Road, Fairview Road and Harvie Road up 11 meters and widen from 2 to 5 lanes for the approaches to the bridge over the highway.
4. Future work activities are as follows:

Bridge:

 - Formwork and reinforcing steel to be placed in June.
 - Pouring the concrete bridge deck is scheduled for July 2020.
 - Paving the deck in late September 2020.
 - Deck open to traffic October 30, 2020.

Roadway:

- Paving Harvie Road from Veterans Drive to Bryne Drive is schedule to be completed by the end of June 2020.
- Retaining walls associated with the project are under construction.
- The contractor is close to completing all work on new watermain, sanitary sewers and storm sewers.
- The Veterans Drive and Harvie Road intersection will have new traffic signals installed this summer.
- Placing fill to construct the roadway is scheduled for completion in September 2020.
- Paving the Harvie Road/Big Bay Point Road/Fairview Drive intersection is scheduled for late September.
- Work on Highway 400 for the MTO is schedule to be completed this year. The work includes resurfacing Highway 400, new median concrete barrier and storm sewers.

Property negotiations continue for all outstanding property acquisitions.

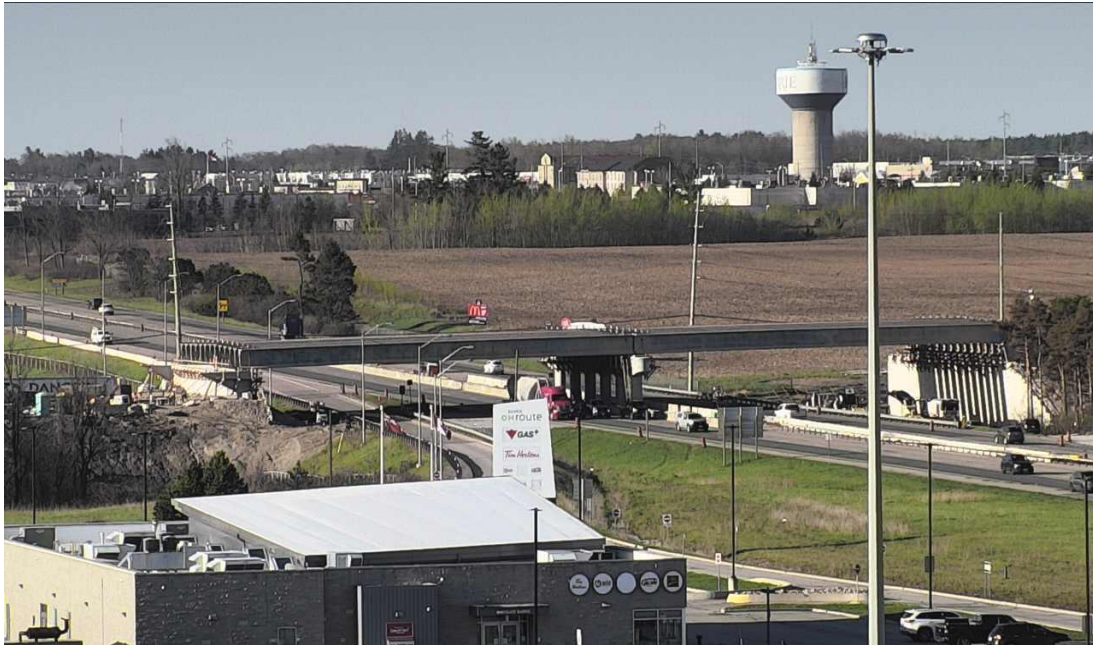
Monthly updates to the community are provided on the City website under the "Road Ahead" webpage.

Project risks are tracked on a monthly basis to ensure project risks are mitigated, avoided or accepted. Covid-19 is a risk to workers and the schedule. All persons on site have strict protocols for working. There have been some delays associated with disruptions due to Covid-19, however, the construction team continue to manage these impacts to mitigate the impacts to the schedule. Utility relocations are almost complete. City staff will continue to prioritize the Harvie Road Crossing of Highway 400 and work collaboratively with the MTO, other external agencies, community stakeholders and members of Council to ensure a successful outcome for this important project in an accelerated timeframe. There are uncertainties related to the final cost of property acquisition. The cost risk associated with this will be more accurately quantified as the expropriation process is finalized on the various properties.

All reasonable efforts continue to be made to accelerate this project.

If there are any additional questions on the Harvie Road Crossing project, please contact Tawnya Gurchin (Tawnya.Gurchin@barrie.ca) or Todd Comfort (Todd.Comfort@barrie.ca).

Exhibit A - New Girders on the Harvie/Big Bay Point Crossing of Highway 400



The red area below shows the size of the bridge in comparison to a football field.

