



## ENGINEERING DEPARTMENT MEMORANDUM

---

**TO: MAYOR J. LEHMAN AND MEMBERS OF COUNCIL**

**FROM: S. PATTERSON, P. ENG., MANAGER OF CONSTRUCTION**

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

**RE: HARVIE/BIG BAY POINT CROSSING OF HIGHWAY 400 - FAIRVIEW ROAD/BIG BAY POINT ROAD FULL CLOSURE FROM JUNE 3 TO OCTOBER 29, 2019 (WARD 8)**

**DATE: MAY 6, 2019**

---

The purpose of this memorandum is to provide members of Council with an update on the Harvie Road/ Big Bay Point Road/ Highway 400 crossing project and the upcoming road closure on Fairview Road and Big Bay Point Road from June 3 to October 29, 2019.

### **Pending Closure of Fairview Road/ Big Bay Point Road**

Aecon Construction and Materials Limited (Aecon), the City's contractor for the Harvie Road/ Big Bay Point Road/ Highway 400 crossing project, requires a five (5) month full closure of Fairview Road and Big Bay Point Road. The closure will extend from the Bayview Drive/ Big Bay Point Road intersection westerly along Big Bay Point Road and south of the ONroute Service Center parking lot entrance on Fairview Road, as per Appendix A. The intersection of Bayview Drive and Big Bay Point Road will remain open to traffic. The closure is required to facilitate the construction of the new embankments to raise Big Bay Point Road and Fairview Road approximately 11 m in elevation from existing and connect with the approach to the future bridge over Highway 400. There are no businesses within the actual road closure. Businesses fronting Fairview Road south of Little Avenue will need to access their properties from the north.

The major elements to be completed on the closed segment of roadway by the contractor include:

1. Raise road subgrade up to 11 meters in elevation.
2. Construct new Whiskey Creek 2.7 m x 1.5 m concrete box culvert crossing Fairview Road.
3. Sanitary sewers; 250 mm and 300 mm in size.
4. New watermains; 400 mm and 500 mm in size and value chambers.
5. Temporary watermain; 400 mm and 750 mm in size.
6. New storm sewers; 375 mm, 300 mm and 1200 mm in size.

The detour routes to be utilized during the closure include Burton Avenue, Yonge Street, Huronia Road and Bayview Drive. Additional information on the project will be available on the Harvie Road/ Big Bay Point Road/ Highway 400 crossing project webpage via [www.barrie.ca/RoadAhead](http://www.barrie.ca/RoadAhead).



## ENGINEERING DEPARTMENT MEMORANDUM

---

### Construction Update

Utility relocations are nearing completion in the area. Enbridge has completed their work in the area. Alectra has completed the relocation of the hydro poles on the east side of Highway 400 and are continuing on the west side of the highway. Bell, Rogers and other utilities have agreed to a schedule that does not impact the works associated with this closure.

The major construction associated with the crossing will commence in 2019 with \$26 million and \$17 million in anticipated spending for 2019 and 2020 respectively. The embankment construction on both sides of the highway is anticipated to be completed in 2019. Aecon will initiate construction of the structure in 2019. They intend to have the abutments and the centre pier completed. Discussions are on going to determine if the girders could be in place in 2019 as well. Works on Harvie Road between Highway 400 and Thrushwood Drive are anticipated to progress substantially in 2019 as well.

If there are any questions on the project, please contact Todd Comfort at extension 4458 or email at [Todd.Comfort@barrie.ca](mailto:Todd.Comfort@barrie.ca) or Stew Patterson at extension 4481 or email at [Stew.Patterson@barrie.ca](mailto:Stew.Patterson@barrie.ca).

**APPENDIX "A"**

