

NOTICE TO AFFECTED RESIDENTS

Nicholas Street Bridge Replacement & Highway 417 from 400 m West of Nicholas Street to Ottawa Road 174

Aecon Construction Ontario East Ltd. | MTO 2018-4025
Nicholas Street Underpass Replacement Agency Notice

Dear Affected Agencies,

This notice is to advise you that Aecon Construction Ontario East Ltd was awarded MTO Contract 2018-4025 on Highway 417 to construct a new Nicholas Street Bridge, asphalt resurfacing and to convert existing Transit Priority Lanes on Highway 417 mainline / ramps / intersections to general use lanes.

As construction activities progress, additional notices will be distributed throughout the duration of the project to advise you of progress and upcoming work.

- WHO:** The Ministry of Transportation of Ontario, has hired the contractor, Aecon Construction Ontario East, to complete the work.
- WHEN:** Construction activities are scheduled to begin on April 23, 2019. The construction will be staged over this time, work areas will change as operations are initiated and completed. Completion will be fall 2020.
- WHERE:** Construction will occur at the following locations:
- Highway 417 from 400 m west of Nicholas Street to Ottawa Rd 174
 - Nicholas Street North
 - Nicholas Street Bridge
 - Nicholas Street Ramps
 - Lees Avenue between Highway 417 eastbound off-ramp to Lees Avenue and Highway 417 eastbound on-ramp from Lees Avenue
 - Vanier Parkway Northside Ramps
 - Highway 417 off-ramp to Riverside Drive & Tremblay Road
 - Highway 417 off-ramp to St Laurent Boulevard
- WHAT:** The Contract includes the following work:

Highway 417 from 400 m west of Nicholas Street to Ottawa Rd 174

- Convert existing Transit Priority Lanes on Hwy 417 mainline / ramps / intersections to general use lanes, asphalt resurfacing of Highway 417, median barrier wall replacement, removal of toe wall, manhole adjustments, sewer work and subdrain, curb and gutter removal, placement of new overhead signs, asphalt removals, clearing & grubbing, and asphalt paving.
- The Transit Priority lanes will only be reopened to general purpose traffic following the City of Ottawa's completion of the Confederation Line project and completion of the asphalt resurfacing. The timing of this is fully dependent on the City's completion date.

Nicholas Street North

- Removal of curb and gutter, clearing & grubbing. Asphalt removals, overhead sign removal, sewer & electrical laterals, earth excavation/grading, granular backfill, and asphalt paving.

Nicholas Street Bridge

- Bridge replacement works; protection system installation, pile driving, earth excavation/grading, sewer installation, underground electrical, concrete barrier walls. Light poles installation, electrical conduits, low voltage cables. Asphalt removal & concrete pouring for abutments and wingwalls, caissons and piers. Granular backfilling to finished grade and asphalt paving.

Nicholas Street Ramps

- Realignment of Nicholas Street ramps; Removal of existing street lighting, asphalt removals, sewer replacement, underground electrical installation and granular backfilling. Concrete tall wall, new street lighting installation, placement of new overhead signs, and asphalt paving. Activation of electrical, advanced traffic management system, and street lighting.

Lees Avenue between Highway 417 eastbound off-ramp to Lees Avenue and Highway 417 eastbound on-ramp from Lees Avenue

- Concrete curb and gutter work, sidewalk reconstruction, clearing & grubbing, retaining soil system wall construction, concrete pouring for footings and wingwalls. Vibration monitoring over watermain, milling and asphalt paving, line painting and signage.

Vanier Parkway Northside Ramps

- Concrete curb and gutter work, sidewalk reconstruction, clearing & grubbing, underground electrical work, advanced traffic management system, milling and asphalt paving.

Highway 417 off-ramp to Riverside Drive & Tremblay Road

- Concrete curb and gutter work, sidewalk reconstruction, clearing & grubbing, underground electrical work, advanced traffic management system, milling and asphalt paving.

Highway 417 off-ramp to St Laurent Boulevard

- Concrete curb and gutter work, sidewalk reconstruction, clearing & grubbing, underground electrical work, advanced traffic management system, milling and asphalt paving.

Ramp, Lane, and Road Closures

To complete the work in a manner that is safe to the travelling public and site personnel, much of the construction will be completed within ramp, lane, and full road closures that will be set-up in accordance with OTM Book 7. Highway 417 will be reduced to 80km/h when construction activities are being performed.

It should be expected that there will be short-term full highway closures on two weekends at the Nicholas Street Interchange to complete the erection of girders for the new Nicholas Street Bridge (summer 2019) and to demolish the existing Nicholas street bridge (summer 2020). For both construction activities noted, Highway 417 will require closure in both directions at the same time. During the closures, Highway 417 westbound will be closed between Nicholas Street on-ramp and off-ramp and Highway 417 eastbound between the Lees Avenue on-ramp and off-ramp. The impacted traffic will be accommodated by 'ramp surfing'.

- During the Highway 417 full closures, the westbound traffic will exit Highway 417 via the off-ramp to Nicholas Street and travel northbound towards Mann Avenue where they will then turn left onto Greenfield Avenue and access the westbound Highway 417 using the Nicholas Street on-ramp. The eastbound traffic will exit Highway 417 at the off-ramp to Lees Avenue, travel east on Lees Avenue and turn left on the Highway 417 on-ramp on Lees Avenue.

Additionally, a single, one (1) week closure of the outside lane of Highway 417 westbound to Vanier Parkway off-ramp speed change lane will occur to facilitate the barrier wall replacement in conjunction with paving operations to address drainage concerns at the Highway 417 westbound off-ramp to Vanier Parkway. During this closure the outside westbound lane of Highway 417, adjacent to the existing concrete barrier, from the termination of the dedicated bus lane to the bullnose of the Vanier Parkway off-ramp will be closed. The inside ramp lane will remain open.

There will be ramp closures at the Vanier Parkway and Riverside Drive during the 2019 construction season to facilitate the 417 rehabilitations. It is anticipated that some of these ramp closures will be in effect later this year. As the project progresses, these dates will be evaluated, and advanced notice of the closures will be provided to the affected agencies and emergency services.

It can be expected that there will be several lane closures on Highway 417 with the first being spring 2019 to facilitate construction start-up. More lane closures are to be expected as construction progresses with sewer, electrical, ATMS, structural, and road rehabilitation work. Please Note: All Transit Priority Lanes will be in service until the City has confirm full implementation of the Confederation Line project. (Date to be confirmed by the City.)

Permitted Times for Ramp, Lane, and Road Closures

- Lane closures will occur throughout the construction season on Highway 417 (Monday to Sunday). Permitted Times for Lane Closures (Mon to Wed - 00:00 to 06:00, 10:00 to 14:30, 21:00 to 23:59), (Thu to Fri - 00:00 to 06:00, 10:00 to 14:30, 22:00 to 23:59), (Sat - 00:00 to 10:00, 22:00 to 23:59) and (Sun - 00:00 to 10:00, 21:00 to 23:59).
- Lane closures will occur throughout the construction season on Nicholas Street, Vanier Parkway/Riverside Drive and St-Laurent Boulevard (Monday to Sunday). Permitted Times for Lane Closures (Mon to Wed - 00:00 to 06:00, 10:00 to 14:30, 22:00 to 23:59), (Thu - 00:00 to 06:00, 10:00 to 14:30, 23:00 to 23:59), (Fri - 00:00 to 06:00, 10:00 to 14:00, 23:00 to 23:59) (Sat - 00:00 to 10:00) and (Sun - 22:00 to 23:59).

- Two (2) – 17-hour weekend overnight closures of Highway 417 (both directions) and Nicholas Street (at the Nicholas Street Bridge) will be required for erection of girders for the new Nicholas Street Bridge (summer 2019) and to demolish the existing Nicholas street bridge (summer 2020). Permitted Times for the Lane Closures (Sat – 18:00 to 23:59) and (Sun – 00:00 to 11:00).
- Ramp closures will occur throughout the construction season (Monday to Sunday).
- Permitted Times for One Lane Ramp Closures (Mon to Wed - 00:00 to 06:00, 10:00 to 14:30, 21:00 to 23:59), (Thu - 00:00 to 06:00, 10:00 to 14:30, 23:00 to 23:59), (Fri - 00:00 to 06:00, 10:00 to 14:00, 23:00 to 23:59), (Sat - 00:00 to 10:00, 23:00 to 23:59) and (Sun - 00:00 to 10:00, 22:00 to 23:59). Permitted Times for Full Ramp Closures (Mon to Sun – 23:00 to 23:59, 00:00 to 05:00).

Night Work

The following work will be completed at night:

- Highway 417 full closure event for erecting girders on the New Nicholas Street Bridge
- Highway 417 full closure event demolishing the old Nicholas Street Bridge
- Highway 417 lane closures for milling and paving operations and maintenance hole repairs / abandonment.
- Highway 417 lane closures for median barrier replacement
- Highway 417 Westbound to Vanier Pkwy off-ramp speed change lane closure for barrier replacement
- Vanier Parkway and Riverside Drive lane closures to perform intersection improvements

Accessibility

Accessibility is an important consideration for Aecon. If you require special accommodation, please contact the Project Manager and/or the Contract Administrator.

Construction Disruptions

Aecon will be assuming full responsibility for the construction work area until the Contract is completed in its entirety. Aecon will take every precaution to minimize interruptions to the everyday operation of your services, but as you can appreciate, there may be some inconvenience while the work, such as delays when travelling through the construction zone, noise, dust and vibration. We would like to thank you in advance for your patience and cooperation. Every effort will be made to reduce the duration of the construction impacts on your community.

Contact Information

To obtain any additional information on the project, please contact the representative's listed below:

Aecon Project Manager:

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Aecon