

Road Alteration - Jones Avenue and Strathcona Avenue

Date: August 11, 2016
To: Toronto and East York Community Council
From: Acting Director, Transportation Services, Toronto and East York District
Wards: Ward 30, Toronto-Danforth

SUMMARY

As the Toronto Transit Commission (TTC) operates a transit service on Jones Avenue, City Council approval of this report is required.

Transportation Services staff have reviewed the need for traffic islands on the east and west sides of Jones Avenue at Strathcona Avenue to address residents' concerns regarding pedestrian safety at this Pedestrian Crossover (PXO). Our review determined that a traffic island could be implemented on the west side of Jones Avenue, just north of Strathcona Avenue to provide additional crossing protection for pedestrians.

RECOMMENDATIONS

The Acting Director, Transportation Services, Toronto and East York District, recommends that:

1. City Council authorize the installation of a traffic island on the west side of Jones Avenue, north of Strathcona Avenue, generally as shown on the attached Drawing No. 421G-2613, dated August 2017.

FINANCIAL IMPACT

The estimated cost for installing a traffic island on the west side of Jones Avenue, north of Strathcona Avenue is \$3200.00.

DECISION HISTORY

Toronto and East York Community Council, at its meeting on April 5, 2016, adopted item TE15.71, requesting Transportation Services to undertake a review of the installation of a bump-out or other safety measures on the east and west sides of Jones Avenue, at the location of the Strathcona Avenue pedestrian crossing, and to report back to the Toronto and East York Community Council with the findings. The Council decision can be found at:

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2016.TE15.71>

COMMENTS

Existing Conditions:

Jones Avenue, at Strathcona Avenue, is a minor arterial roadway which operates two-way (northbound and southbound), with a posted speed limit of 40 km/h. The road width is about 15.7 metres, and there are two lanes in each direction. One through lane, one cycling lane and one parking lane are provided in each direction. A PXO is located on Jones Avenue, immediately north of Strathcona Ave. Strathcona Avenue (west leg) and Baird Avenue (east leg) form an offset intersection with Jones Avenue. The following parking regulations are currently in effect on Jones Avenue at Strathcona Avenue:

East Side

- Permit parking from 12:01 a.m. to 7:00 a.m., daily
- Statutory 3 hour maximum parking outside of permit parking hours
- Parking and Standing during Snow Emergencies is prohibited

West Side

- Permit parking from 12:01 a.m. to 7:00 a.m., daily
- Statutory 3 hour maximum parking outside of permit parking hours
- Parking and Standing during Snow Emergencies is prohibited

TTC service is provided on Jones Avenue by the '83 Jones' bus. Near-side bus stops are located on Jones Avenue at Strathcona Avenue in both directions.

Assessment:

Transportation Services staff conducted a site visit to investigate the existing conditions and feasibility of installing traffic islands on the east and west sides of Jones Avenue at Strathcona Avenue. The existing PXO is clearly visible. The flashing overhead lights and push-button activations are functioning properly. All pavement markings are visible and in good condition. No conflicts between pedestrians and vehicles were observed during this site visit.

Transportation Services conducted an 8-hour PXO Observance Study on Jones Avenue immediately north of Strathcona Avenue on Tuesday February 28, 2017. The results are summarized below:

- Total number of crossings = 201
- Crossings in which overhead lights were activated = 198
- Crossings in which overhead lights were not activated = 3
- Total number of vehicles (all approaches) approaching PXO while pedestrians were crossing = 744
- Number of vehicles (all approaches) which stopped while pedestrians were crossing = 734
- Number of vehicles (all approaches) which did not stop while pedestrians were crossing = 10

The study results indicate that compliance of the PXO, by both drivers and pedestrians, is high. The overhead lights were activated by pedestrians in 99% of crossings and 99% of vehicles stopped when pedestrians were within the crossing.

A review of Toronto Police Service collision records for a three-year period ending December 31, 2016 disclosed that two collisions occurred at Jones Avenue and Strathcona Avenue. One of these collisions involved a pedestrian.

Traffic Islands:

A 1.5 metre wide traffic island can be installed on the west side of Jones Avenue, just north of Strathcona Avenue generally as shown on the attached Drawing No. 421G-2613, dated August 2017. This traffic island should provide pedestrians with an added measure of protection while crossing at this PXO location. Relocation of the existing TTC bus stop will not be required as buses will have adequate space to safely merge into the southbound through lane. The existing bicycle lane will also be maintained.

No alterations to the parking regulations are required, nor would the number of parking spaces be impacted by the installation of a traffic island. Installation of a traffic island will have minimal effect on winter services and street cleaning.

Of note, a traffic island is not recommended on the east side of Jones Avenue, between Baird Avenue and the PXO as a catch basin and two maintenance holes are present within the curb lane.

Councillor Paula Fletcher has been advised of the recommendations of this staff report.

CONTACT

Ann S. Khan, P. Eng.
Manager, Traffic Operations
Toronto and East York District
Transportation Services
Telephone: (416) 397-5021
Fax: (416) 392-1920
E-mail: Ann.Khan@toronto.ca

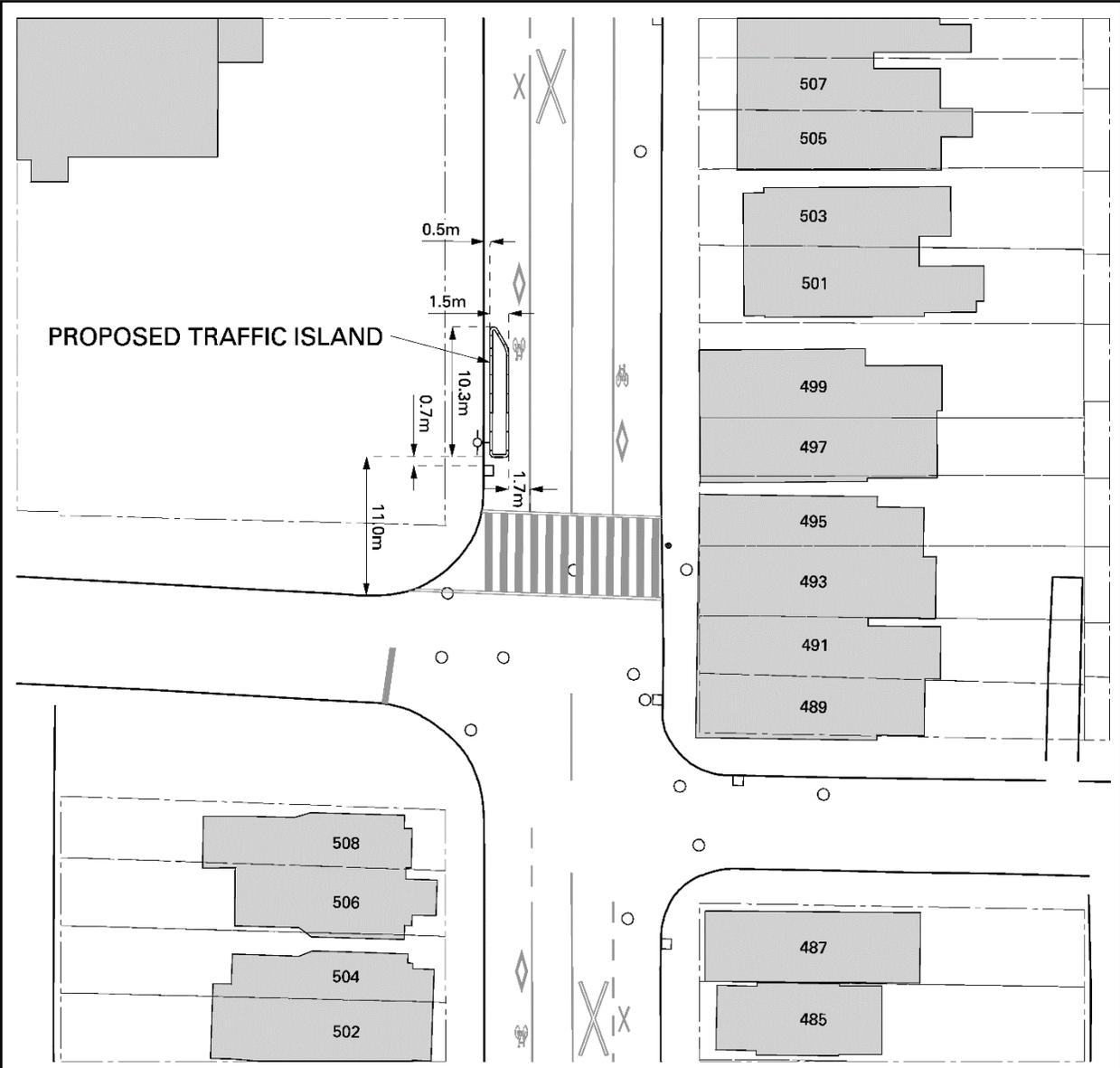
SIGNATURE

Dave Twaddle, C.E.T.
Acting Director, Transportation Services
Toronto and East York District

ATTACHMENTS

1. Drawing No. 421G-2613, dated August 2017

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NOTE:
 INFORMATION ON THIS PLAN IS BASED
 ON OFFICE RECORDS AND IS SUBJECT
 TO FIELD VERIFICATION.

LEGEND

- MANHOLE
- LIGHT STANDARD
- HYDRANT



**JONES AVE: NORTH OF STRATHCONA AVE
 PROPOSED TRAFFIC ISLAND**

J.T.

DWG. NO. 421G-2613

AUG 2017

TRANSPORTATION SERVICES

TORONTO & EAST YORK DISTRICT