



Report to: Development Services Committee

Meeting Date: October 17, 2023

SUBJECT: Traffic Control Bylaw Amendments (City-wide) & Fraser Street Parking Restriction Removal (Ward 1)

PREPARED BY: Justin Chin, Senior Traffic Engineer, ext. 4020
David Porretta, Manager, Traffic Engineering, ext. 2040

RECOMMENDATION:

- 1) That the report entitled “Traffic Control Bylaw Amendments (City-wide) & Fraser Street Parking Restriction Removal (Ward 1)”, be received; and
- 2) That Schedule 19 of Traffic By-Law 106-71, pertaining to “Traffic Control Signals”, be amended by including the following intersections:
 - Bur Oak Avenue at Alfred Paterson Drive
 - Bur Oak Avenue at Hammersly Boulevard; and
- 3) That Schedule 18 of Traffic By-Law 106-71, pertaining to “Pedestrian Crossovers”, be amended by including the following locations:
 - Aldergrove Drive & Chichester Road (North Leg)
 - Aldergrove Drive & Hendon Road (Southeast Leg)
 - Bay Thorn Drive at a point 175m east of Normark Drive
 - Beckett Avenue & Harbord Street (All Approaches)
 - Beckett Avenue & William Berczy Boulevard (All Approaches)
 - Boxwood Crescent & Havelock Gate (Northwest Leg)
 - Calvert Road & Chant Crescent East (East Leg)
 - Calvert Road & Townson Road (East Leg)
 - Castlemore Avenue & Glenbrook Drive (West Leg)
 - Central Park Drive & Havagal Crescent North (South Leg)
 - Coppard Avenue & Goodwood Drive (North Leg)
 - Coppard Avenue at a point 20m north of Walford Road
 - Copper Creek Drive & Boswell Road (East Leg)
 - Copper Creek Drive & Rizal Avenue (East Leg)
 - Copper Creek Drive at a point 120m west of Stonechurch Crescent
 - Country Glen Road & Cornell Common Road (North Leg)
 - Coxworth Avenue & Fairty Drive (South Leg)
 - Elgin Street at a point 265m east of Alcaine Court
 - Esna Park Drive at a point 90m north of Steeles Avenue
 - Fairway Heights Drive at a point 135m north of Steeles Avenue
 - Fairway Heights Drive at a point 210m north of Steeles Avenue
 - Fonda Road & Mindy Crescent (South Leg)
 - Grandview Avenue at a point 85m west of Highland Park Boulevard

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- Highglen Avenue & Cornell Crescent West (East Leg)
 - Hollingham Road & Coledale Road/Calderbridge Crescent (South Leg)
 - John Button Boulevard & Captain Francis Drive (West Leg)
 - Kirk Drive at a point 40m north of Banquo Road
 - Kreghoff Avenue at a point 100m east of Village Parkway
 - Larkin Drive & Heisey Drive (West Leg)
 - Randall Avenue & Silverthorne Road (East Leg)
 - Riverlands Avenue & Crossbrooks Street (West Leg)
 - Rizal Avenue & Oakborough Drive (North Leg)
 - Simonston Boulevard at a point 15m south of Bucks Green Road
 - Village Parkway & Frank Charlton Avenue & Fitzgerald Avenue (All Approaches)
 - Village Parkway & Landmark Court & Amberwood Court (North Leg)
 - Wilclay Avenue & Beckwith Crescent West (East Leg)
 - Wilfred Murison Avenue & Harbord Street (All Approaches)
 - Wilfred Murison Avenue & William Berczy Avenue (All Approaches)
 - Williamson Road & Swan Park Road (South Leg)
 - Willowbrook Road & Trimble Court (North Leg)
 - Wootten Way & Senator Reesor's Drive North (North Leg)
 - Wootten Way & Senator Reesor's Drive South (South Leg)
 - Wootten Way & Sir Tristram Place South (South Leg); and
- 4) That Schedule "C" of Parking By-Law 2005-188, pertaining to "Prohibited Parking", be amended by removing the existing parking restriction on Fraser Street; and
- 5) That the amended by-laws shall come into force and effect when the authorized traffic control signals have been energized; and
- 6) And that York Region Police be requested to enforce the traffic signals and pedestrian cross-overs upon passing of the By-law; and further
- 7) And that staff be authorized and directed to do all things necessary to give effect to this resolution.

PURPOSE:

This report recommends amendments to Traffic By-Law 106-71 to reflect new traffic control signals and pedestrian crossovers (PXO's) that have been installed at the subject locations, as shown on Attachments "A" & "B". In addition, an amendment to Parking By-Law 2005-188 is recommended to remove the existing parking restriction on Fraser Street.

BACKGROUND:

The function of a traffic control signal is to alternate the right-of-way between conflicting streams of vehicular traffic, or vehicular traffic and pedestrians crossing a roadway in a safe and efficient manner. PXO's are designated crossing areas that allow pedestrians to

safely cross the road where vehicles must yield to the pedestrian. PXO's are identified by specific regulatory signs and pavement markings.

Traffic control signals and PXO's have been installed at the previously noted intersections. Depending on location, traffic signals, as shown on Attachment "A" and PXO's as shown on Attachment "B" were installed through approved capital projects or development-related projects.

Fraser Street is a local residential street in the Thornhill community, located east of Bayview Avenue, and north of John Street as shown on Attachment "C". Both Thornlea Secondary School and Willowbrook Public School are located nearby, and within short walking distance. Currently a parking restriction is in effect on both sides of Fraser Street, from 9AM – 4PM, Monday to Friday. Fraser Street is 8.5m wide and is sufficient to allow for street parking on at least one side of the street, while maintaining two-way traffic flow. Fraser Street is unique wherein these restrictions are not replicated on any adjacent local streets in the community. This restriction has been in place for several decades, and no formal documentation can be found that explains the rationale for its implementation. There is possibility that this time-specific parking restriction was initiated due to the student parking generated by Thornlea Secondary School.

DISCUSSION:

Traffic Bylaw 106-71 recommended to be amended to include new traffic controls

In order to legally identify the traffic control signals and PXOs being used at the locations identified in Attachments "A" and "B", Council approval is required to amend Schedule 19 of Traffic By-Law 106-71 as shown on Attachment "D". This By-law schedule is amended periodically to identify locations where new traffic control signals and PXOs have been installed. If the by-law amendment is not approved, the ability to effectively enforce these traffic control measures may be compromised.

Removal of the current parking restriction on Fraser Street is recommended

In response to ongoing complaints about the lack of street parking from residents on Fraser Street, the local Ward 1 councillor solicited feedback from Fraser Street residents on the existing parking restriction. A majority of the feedback received by the Councillor was supportive of removing the parking restriction.

In spring 2023, in consultation with the Ward 1 Councillor, staff temporarily removed the parking restriction signs on Fraser Street to properly measure the level of street parking activity that may be generated. Between March 2023 and May 2023, staff conducted ongoing monitoring of parking activity during the restricted periods defined in the bylaw (9AM – 4PM, Monday – Friday). Observations were conducted on nine separate occasions, and it was confirmed that on each occurrence, street parking was largely absent and no operational safety issues were observed.

Therefore, based on the parking assessment conducted by staff, it is recommended that Parking Bylaw 2005-188 be amended to permanently remove the parking restriction on Fraser Street as shown on Attachment "E". The Ward 1 Councillor has been informed of the results of the parking assessment.

FINANCIAL CONSIDERATIONS

Not applicable.

ALIGNMENT WITH STRATEGIC PRIORITIES:

The recommendations identified within this report align with the strategic focus for a Safe and Sustainable Community, through the ongoing management of the City's transportation network.

BUSINESS UNITS CONSULTED AND AFFECTED:

Not applicable.

RECOMMENDED BY:

Frank Clarizio, P.Eng.
Director, Engineering

Arvin Prasad, MPA, RPP, MCIP
Commissioner, Development Services

ATTACHMENTS:

Attachment "A" – Traffic Signal Location Map

Attachment "B" – Pedestrian Crossover Location Map

Attachment "C" – Fraser Street Location Map

Attachment "D" – Traffic By-law 106-71 Amendment

Attachment "E" – Parking By-law 2005-188 Amendment