



STAFF REPORT ACTION REQUIRED

Traffic Control Signals – Bayview Avenue/Lawren Harris Square and Bayview Avenue/Front Street East

Date:	March 16, 2016
To:	Toronto and East York Community Council
From:	Director, Transportation Services, Toronto and East York District
Wards:	Toronto Centre-Rosedale, Ward 28
Reference Number:	Ts2016087te.top.doc

SUMMARY

This staff report is about a matter that Community Council has delegated authority to make a final decision, provided that it is not amended so that it varies with City policy or by-laws.

Transportation Services is requesting approval to install traffic control signals at the intersection of Bayview Avenue and Front Street East as well as turn prohibitions and lane designations at the intersection of Bayview Avenue and Lawren Harris Square (north leg)/Lawren Harris Square (south leg). The installation of the proposed traffic control signals and traffic regulations will enhance safety for pedestrians, cyclists and motorists crossing/accessing Bayview Avenue.

RECOMMENDATIONS

Transportation Services, Toronto and East York District recommends that Toronto and East York Community Council:

1. Authorize the installation of traffic control signals at the intersection of Bayview Avenue and Front Street East.
2. Authorize all-way stop control at the intersections of Bayview Avenue and Front Street East, Bayview Avenue and Lawren Harris Square (south leg), and Bayview Avenue and Lawren Harris Square (north leg), effective April 6, 2016 until such time as the traffic control signals at the intersections of Bayview Avenue and Front Street East and Bayview Avenue and Lawren Harris Square (north leg)/Lawren Harris Square (south leg) are activated.

3. Enact the traffic regulations outlined in Appendix "A" – By-Laws to be Enacted, attached to the report entitled " Traffic Control Signals – Bayview Avenue/Lawren Harris Square and Bayview Avenue/Front Street East" from the Director of Transportation Services, Toronto and East York District dated March 16, 2016.

Financial Impact

All costs associated with the installation of traffic control signals, pavement markings and signs, will be funded by the developer of the West Don Lands. Funds have been received by Transportation Services.

DECISION HISTORY

City Council, on June 27, 28 and 29, 2006 adopted Clause No. 2 of Report No. 4 of the Planning and Transportation Committee, entitled "Final Report – Application for Draft Plan of Subdivision Approval Application of Zoning By-law Amendment and Lifting the "h" 05 166169 STE 28 OZ West Don Lands (185 Eastern Avenue)". In doing so, City Council authorized the redevelopment of Phase 1 of the West Don Lands.

City Council, on June 27, 28 and 29, 2006 adopted Clause No. 3 of Report No. 4 of the Planning and Transportation Committee, entitled "Toronto Waterfront Revitalization Initiative Addendum to the West Don Lands Class Environmental Assessment Master Plan: River Street Extension and Bayview-River Unnamed Road Connection". By so doing City Council authorized the installation of traffic control signals at the intersection of River Street and King Street East and at the southerly intersection of River Street and Bayview Avenue (now Lawren Harris Square), coincident with the construction of the extension of River Street.

City Council, on August 25, 26, and 27, 2010 adopted Item TE36.20, entitled "West Don Lands, Phase 2 – Draft Plan of Subdivision, Official Plan Amendment, Zoning By-law Amendment and the Lifting on the "h" Holding Symbol. In doing so, City Council authorized the redevelopment of Phase 2 of the West Don Lands.

ISSUE BACKGROUND

Transportation Services, Toronto and East York District is requesting approval to install traffic control signals and implement a right turn only lane designation at the intersection of Bayview Avenue and Front Street East. Approval is also requested to implement turn restrictions/lane designations at the intersection of Bayview Avenue and Lawren Harris Square. The proposed traffic control signals, lane designations, and turn restrictions are deemed necessary to facilitate the safe and efficient operation of traffic in this area.

This report addresses traffic regulations related to the previously approved traffic control signal at Bayview Avenue and Lawren Harris Square and the proposed traffic control signal at Bayview Avenue and Front Street East. The remaining traffic regulations proposed for the West Don Lands will be addressed in a separate report to Toronto and East York Community Council, entitled "Traffic and Parking Regulations – West Don Lands Neighbourhood".

COMMENTS

The West Don Lands Neighbourhood is bounded by King Street East, Cherry Street, Lake Shore Boulevard East, and the Don Valley Parkway.

Traffic control signals at the intersection of Bayview Avenue and Lawren Harris Square were approved by City Council in 2006. Transportation Services is also recommending the installation of traffic control signals at the intersection of Bayview Avenue and Front Street East, one block to the south. Both signals will be installed/activated in Fall 2016. In order to clarify right-of-way and enhance the overall safety of the intersection for all road users, we recommend that all-way stop control be installed at both intersections as an interim measure until the traffic control signals are activated.

Bayview Avenue and Lawren Harris Square

The north leg and south leg of Lawren Harris Square are approximately 30 metres apart, separated by a small parkette. Bayview Avenue, in the vicinity of Lawren Harris Square, has a two lane cross-section, with northbound and southbound bicycle lanes, a northbound left-turn lane and a southbound right-turn lane. The westerly southbound lane has been designated for right turns only, between Lawren Harris Square (north leg) and a point 100 metres north. Lawren Harris Square (north leg) and Lawren Harris Square (south leg) both have two-lane cross-sections. Eastbound right turns are prohibited (bicycles excepted) from Lawren Harris Square (north leg) to Bayview Avenue. Due to the geometry at this intersection, Transportation Services is proposing the following turn prohibitions/lane designations:

- Lawren Harris Square (north leg) – Eastbound Left Turn Only
- Lawren Harris Square (south leg) – Eastbound Right Turn Only
- Lawren Harris Square (south leg) – Eastbound Left Turn Prohibition
- Bayview Avenue – Northbound Left Turn Prohibition to Lawren Harris Square (north leg)
- Bayview Avenue – Southbound Right Turn Prohibition to Lawren Harris Square (south leg) (bicycles excepted)

Bayview Avenue and Front Street East

Bayview Avenue and Front Street East is a "T" type intersection. Bayview Avenue, in the vicinity of Front Street East, has a two lane cross-section, with northbound and southbound bicycle lanes, and a southbound right-turn lane. Front Street East, on its approach to Bayview Avenue, has a two lane cross-section with sharrow markings. Transportation Services is recommending a southbound Right Turn Only designation for the westerly southbound lane.

These regulations are deemed necessary to facilitate the safe and efficient operation of traffic in this area.

Councillor Pam McConnell 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: akhan5@toronto.ca

SIGNATURE

Kyp Perikleous
Director, Transportation Services
Toronto and East York District

LIST OF ATTACHMENTS

1. Appendix A: By-Laws to be Enacted
2. Drawing No. 421G-2088, dated March 2016
3. Drawing No. 421G-2089, dated March 2016
4. Drawing No. 421G-2091, dated March 2016
5. Drawing No. 421G-2092, dated March 2016

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