

SUBJECT: Traffic Control Signals By-Law Amendment (City-wide)

PREPARED BY: David Porretta, Manager, Traffic Engineering, ext. 2040

RECOMMENDATION:

- 1) That the report entitled “Traffic Control Signals By-Law Amendment”, be received;
- 2) And that Schedule 19 of Traffic By-Law 106-71, pertaining to “Traffic Control Signals”, be amended by including the following intersections:
 - Allstate Parkway at Norman Bethune Avenue / Centurian Drive
 - Birchmount Road at Aviva Way
 - Birchmount Road at Verdale Crossing
 - Birchmount Road, 125 metres south of Enterprise Boulevard
 - Bur Oak Avenue at Roy Rainey Avenue
 - Centurian Drive at Frontenac Drive
 - Enterprise Boulevard at Andre De Grasse Street
 - Enterprise Boulevard at Bill Crothers Drive
 - Enterprise Boulevard at University Boulevard (formerly Rivis Road)
 - Enterprise Boulevard / Unionville Gate at Main Street Unionville
 - John Street, 30 metres east of Rockingham Court (Lake to Lake Route)
 - Norman Bethune Avenue at Aristotle Avenue
 - YMCA Boulevard at University Boulevard (formerly Rivis Road)
- 3) And that Schedule 12 of Traffic By-Law 106-71, pertaining to “Compulsory Stops”, be amended by rescinding the stop controls at the following intersections:
 - Allstate Parkway at Centurian Drive
 - Bur Oak Avenue at Roy Rainey Avenue
 - Centurian Drive at Frontenac Drive
 - Main Street Unionville at Unionville Gate
- 4) That the amended by-law shall come into force and effect when the authorized traffic control signals have been energized; and further,
- 5) And that York Region Police be requested to enforce the traffic signals upon passing of the By-law;
- 6) 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 that have been installed at the subject locations.

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.

Traffic control signals have been or will be installed at the previously noted intersections. Depending on location, the traffic signals are installed through approved capital projects or development-related projects. Locations are illustrated in Attachment "A".

OPTIONS/DISCUSSION:

In order to legally identify the traffic control signals being used at these locations, Council approval is required to amend Schedule 19 of Traffic By-Law 106-71. This By-law schedule is amended periodically to identify locations where new traffic control signals have been installed. If the by-law amendment is not approved, the ability to effectively enforce traffic control at these intersections may be compromised.

FINANCIAL CONSIDERATIONS:

Not applicable.

HUMAN RESOURCES 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:



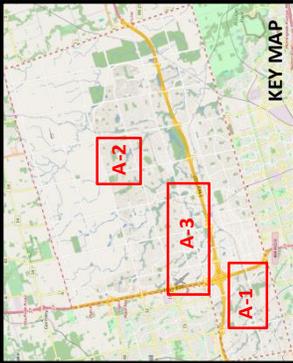
Brian Lee, P.Eng.
Director, Engineering



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

ATTACHMENTS:

Attachment 'A' – Location Map
Attachment 'B' – By-Law Amendment



LEGEND

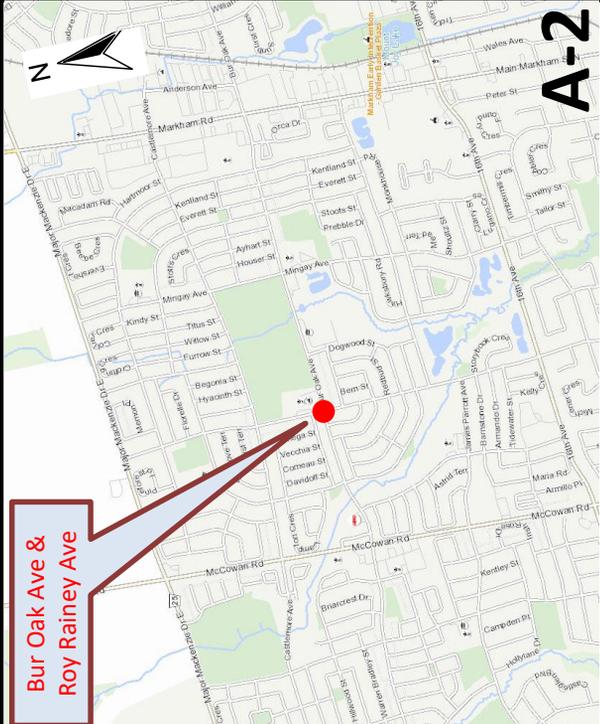
- New Traffic Control
- Signal Locations

**NEW TRAFFIC CONTROL
SIGNAL LOCATIONS**



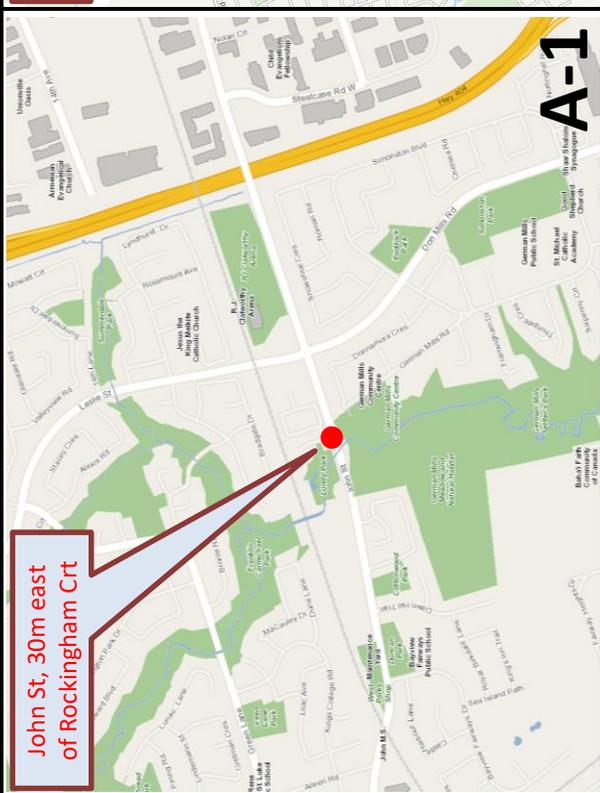
Engineering Dept.
April 2019

ATTACHMENT 'A'



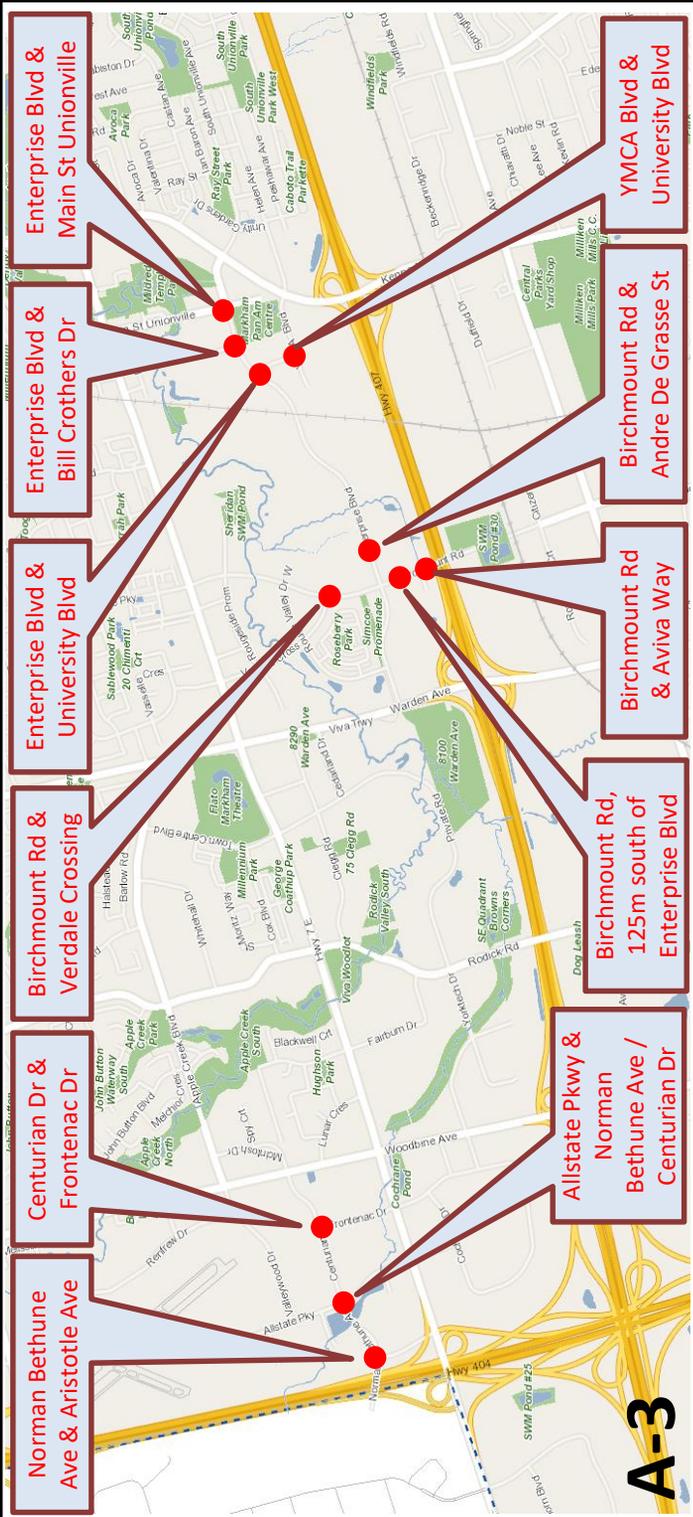
Bur Oak Ave & Roy Rainey Ave

A-2



John St, 30m east of Rockingham Crt

A-1



Enterprise Blvd & Main St Unionville

Enterprise Blvd & Bill Crothers Dr

Enterprise Blvd & University Blvd

Birchmount Rd & Verdale Crossing

Centurian Dr & Frontenac Dr

Norman Bethune Ave & Aristotle Ave

YMCA Blvd & University Blvd

Birchmount Rd & Andre De Grasse St

Birchmount Rd & Aviva Way

Birchmount Rd, 125m south of Enterprise Blvd

Allstate Pkwy & Norman Bethune Ave / Centurian Dr

A-3



THE CORPORATION OF THE CITY OF MARKHAM

BY-LAW NUMBER _____

TO AMEND BY-LAW 106-71

BE IT ENACTED BY THE COUNCIL OF THE CORPORATION OF THE CITY OF MARKHAM THAT BY-LAW 106-71 BE AND THE SAME IS HEREBY AMENDED AS FOLLOWS:

1. That Schedule 19 of Traffic By-law 106-71, pertaining to “Traffic Control Signals”, be amended by adding the following locations

**COLUMN 1
INTERSECTION**

Allstate Parkway at Norman Bethune Avenue / Centurian Drive

Birchmount Road at Aviva Way

Birchmount Road at Verdale Crossing

Birchmount Road, 125 metres south of Enterprise Boulevard

Bur Oak Avenue at Roy Rainey Avenue

Centurian Drive at Frontenac Drive

Enterprise Boulevard at Andre De Grasse Street

Enterprise Boulevard at Bill Crothers Drive

Enterprise Boulevard at University Boulevard

Enterprise Boulevard / Unionville Gate at Main Street Unionville

John Street, 30 metres east of Rockingham Court

Norman Bethune Avenue at Aristotle Avenue

YMCA Boulevard at University Boulevard

2. That Schedule 12 of Traffic By-law 106-71, pertaining to “Compulsory Stops”, be amended by deleting the following locations:

COLUMN 1	COLUMN 2	COLUMN 3
<u>INTERSECTION</u>	<u>FACING TRAFFIC</u>	<u>LOCATION OF STOP SIGN</u>
Allstate Parkway at Centurian Drive	Southbound on Allstate Parkway	West side of Allstate Parkway, North side of Centurian Drive
Allstate Parkway at Centurian Drive	Northbound on Allstate Parkway	East side of Allstate Parkway, South side of Centurian Drive
Allstate Parkway at Centurian Drive	Westbound on Centurian Drive	North side of Centurian Drive, East side of Allstate Parkway
Bur Oak Avenue at Roy Rainey Avenue	Southbound on Roy Rainey Avenue	West side of Roy Rainey Avenue, North side of Bur Oak Avenue
Bur Oak Avenue at Roy Rainey Avenue	Northbound on Roy Rainey Avenue	East side of Roy Rainey Avenue, South side of Bur Oak Avenue
Bur Oak Avenue at Roy Rainey Avenue	Eastbound on Bur Oak Avenue	South side of Bur Oak Avenue, West side of Roy Rainey Avenue
Bur Oak Avenue at Roy Rainey Avenue	Westbound on Bur Oak Avenue	North side of Bur Oak Avenue, East side of Roy Rainey Avenue
Centurian Drive at Frontenac Drive	Northbound on Frontenac Drive	East side of Frontenac Drive, South side of Centurian Drive
Main Street Unionville at Unionville Gate	Southbound on Main Street Unionville	West side of Main Street Unionville, North side of Unionville Gate
Main Street Unionville at Unionville Gate	Northbound on Main Street Unionville	East side of Main Street Unionville, South side of Unionville Gate
Main Street Unionville at Unionville Gate	Westbound on Unionville Gate	North side of Unionville Gate, East side of Main Street Unionville

3. The By-law shall come into force and effect upon receiving the third reading by the Council of the City of Markham and also when authorized traffic control signals have been energized.

4. All other provisions of By-law 106-71 which have not been hereby amended shall remain in full force and effect.

READ A FIRST, SECOND AND THIRD TIME AND PASSED THIS _____ DAY OF _____, 2019.

 KIMBERLY KITTERINGHAM
 CITY CLERK

 FRANK SCARPITTI
 MAYOR

ATTACHMENT ‘B’