



City of Hamilton
PUBLIC WORKS COMMITTEE
AGENDA

Meeting #: 21-012
Date: September 10, 2021
Time: 1:30 p.m.
Location: Due to the COVID-19 and the Closure of City Hall (CC)

All electronic meetings can be viewed at:

City's Website:
<https://www.hamilton.ca/council-committee/council-committee-meetings/meetings-and-agendas>

City's YouTube Channel:
<https://www.youtube.com/user/InsideCityofHamilton> or Cable 14

Alicia Davenport, Legislative Coordinator (905) 546-2424 ext. 2729

Pages

1. CEREMONIAL ACTIVITIES

2. APPROVAL OF AGENDA

(Added Items, if applicable, will be noted with *)

3. DECLARATIONS OF INTEREST

4. APPROVAL OF MINUTES OF PREVIOUS MEETING

4.1. August 11, 2021

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5. COMMUNICATIONS

6. DELEGATION REQUESTS

6.1. Delegation Requests respecting the Parkside Cemetery Archway Sign (Ward 13) (for a future meeting):

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12.	NOTICES OF MOTION	
13.	GENERAL INFORMATION / OTHER BUSINESS	
13.1.	Amendments to the Outstanding Business List	
13.1.a.	Items Considered Complete and Needing to be Removed:	
13.1.a.a.	Corporate Energy and Sustainability Policy	
	Addressed as Item 7.1 on today's agenda - Report PW21049	
	Annual reporting requirement added to Energy, Fleet and Facilities Management Division's annual workplan, so the Outstanding Business List Item can be removed.	
	Item on OBL: ABQ	
13.1.b.	Items Requiring a New Due Date:	

- 13.1.b.a. Roadway Safety Measures on Aberdeen Avenue from Queen Street to Longwood Road
- Item on OBL: AZ
Current Due Date: September 20, 2021
Proposed New Due Date: November 1, 2021
- 13.1.b.b. Municipal Class Environmental Assessment and Conceptual Design of Ancaster Elevated Water Reservoir
- Item on OBL: AAP
Current Due Date: September 20, 2021
Proposed New Due Date: October 18, 2021
- 13.1.b.c. Automated Speed Enforcement
- Item on OBL: AAT
Current Due Date: Q1 2022
Proposed New Due Date: September 20, 2021
- 13.1.b.d. Correspondence from Jim MacLeod, Vice President, Ancaster Village Heritage Community requesting the creation of a Community Safety Zone (CSZ)
- Item on OBL: ABH
Current Due Date: September 20, 2021
Proposed New Due Date: November 1, 2021
- 13.1.b.e. Stormwater Gap Evaluation
- Item on OBL: ABM
Current Due Date: September 10, 2021
Proposed New Due Date: October 4, 2021
- 13.1.b.f. Correspondence from the Town of Fort Erie requesting support for their resolution insupport of the Township of The Archipelago respecting Road Management Action on Invasive Phragmites
- Item on OBL: ABU
Current Due Date: October 18, 2021
Proposed New Due Date: November 15, 2021

13.1.b.g. Winterizing Public Washrooms

Item on OBL: ABV

Current Due Date: October 4, 2021

Proposed New Due Date: October 18, 2021

13.1.b.h. Gypsy Moth Control Program

Item on OBL: ABX

Current Due Date: October 4, 2021

Proposed New Due Date: October 18, 2021

14. PRIVATE AND CONFIDENTIAL

14.1. Closed Session Minutes - August 11, 2021

Pursuant to Section 9.1, Sub-sections (j) and (k) of the City's Procedural By-law 21-021 and Section 239(2), Sub-sections (j) and (k) of the *Ontario Municipal Act, 2001*, as amended, as the subject matter pertains to a trade secret or scientific, technical, commercial or financial information that belongs to the municipality or local board and has monetary value or potential monetary value; and, a position, plan, procedure, criteria or instruction to be applied to any negotiations carried on or to be carried on by or on behalf of the municipality or local board.

15. ADJOURNMENT



PUBLIC WORKS COMMITTEE MINUTES 21-011

1:30 p.m.

Wednesday, August 11, 2021

Council Chambers

Hamilton City Hall

71 Main Street West

Present: Councillors A. VanderBeek (Chair), N. Nann (Vice-Chair), C. Collins, J.P. Danko, J. Farr, L. Ferguson, T. Jackson, S. Merulla and M. Pearson

Absent with Regrets: Councillor T. Whitehead – Leave of Absence
Councillor E. Pauls – Personal

Also Present: Councillor B. Clark

THE FOLLOWING ITEMS WERE REFERRED TO COUNCIL FOR CONSIDERATION:

1. **COVID-19 Wastewater Surveillance Initiative (PW21048) (City Wide) (Item 7.1)**

(Danko/Pearson)

That Report PW21048, respecting a COVID-19 Wastewater Surveillance Initiative, be received.

Result: **Motion CARRIED by a vote of 8 to 0, as follows:**

NOT PRESENT - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Ninder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

2. Old Dundas Road Sewage Pumping Station (HC005) Emergency Overflow to Ancaster Creek Feasibility Study (PW14107(a)) (Ward 12) (Item 7.2)

(Ferguson/Pearson)

That staff be directed to apply to the Ministry of Environment, Conservation and Parks (MECP) for the installation of stormwater overflow into Ancaster Creek.

Result: Motion CARRIED by a vote of 7 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Ward 4 Councillor Sam Merulla
 NOT PRESENT - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

3. City of Hamilton Annual Collision Report – 2020 Statistics and Trends (PW21047) (City Wide) (Item 7.3)

(Pearson/Farr)

That Report PW21047, respecting the City of Hamilton Annual Collision Report – 2020 Statistics and Trends, be received.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

4. Proposed Permanent Closure and Sale of a Portion of Pinot Crescent, Stoney Creek (PW21043) (Ward 10) (Item 9.1)

(Pearson/Farr)

- (a) That the application of the owner of Block 9, plan 62M-1241 to permanently close and purchase a portion of road allowance abutting Block 9, (“Subject Lands”), as shown on Appendix “A” and Appendix “B”,

attached to Report PW21043, be approved, subject to the following conditions:

- (i) That the City Solicitor be authorized and directed to prepare all necessary by-laws to permanently close and sell the highway, for enactment by Council;
- (ii) The Real Estate Section of the Planning and Economic Development Department be authorized and directed to enter into any requisite easement agreements, right of way agreements, and/or other agreements deemed necessary to affect the orderly disposition of the Subject Lands and to proceed to sell the Subject Lands to the owners of Block 9, Plan 62M-1241, as described in Report PW21043, in accordance with the City of Hamilton Sale of Land Policy By-law 14-204;
- (iii) The City Solicitor be authorized to complete the transfer of the Subject Lands to the owner of Block 9, Plan 62M-1241 pursuant to an Agreement of Purchase and Sale or Offer to Purchase as negotiated by the Real Estate Section of the Planning and Economic Development Department;
- (iv) That the City Solicitor be authorized and directed to register a certified copy of the by-law(s) permanently closing and selling the highway in the proper land registry office;
- (v) That the City Solicitor be authorized to amend and waive such terms as she considers reasonable to give effect to this authorization and direction;
- (vi) That the Public Works Department publish any required notice of the City's intention to pass the by-laws and/or permanently sell the closed highway pursuant to the City of Hamilton Sale of Land Policy By-law 14-204;
- (vii) That the applicant be fully responsible for the deposit of a reference plan in the proper land registry office, and that said plan be prepared by an Ontario Land Surveyor to the satisfaction of the Manager, Geomatics and Corridor Management Section, and that the applicant also deposit a reproducible copy of said plan with the Manager, Geomatics and Corridor Management Section.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
YES - Vice Chair - Ward 3 Councillor Nringer Nann
YES - Ward 4 Councillor Sam Merulla
YES - Ward 5 Councillor Chad Collins
YES - Ward 6 Councillor Tom Jackson

NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

5. Commercial E-Scooters Operations (PED20134(b)) (City Wide) (Item 10.1)

(Nann/Farr)

- (a) That staff be directed to initiate a Request for Proposals to select a maximum of two commercial E-Scooter operators to operate a 24-month pilot program within the City of Hamilton, with two optional one-year extensions based on the general scope and terms set out herein this Report PED20134(b) and pending staff review of the pilot program;
- (b) That the General Manager of Planning and Economic Development be authorized to negotiate, enter into, and execute an agreement, any amendments, and ancillary documents required to give effect thereto with the successful proponents to the request for proposals for Commercial E-Scooter operators in a form satisfactory to the City Solicitor, based on the general scope and terms outlined in this Report PED20134(b);
- (c) That, upon the award of any agreements with a Commercial E-Scooter operator, the General Manager of Planning and Economic Development be authorized to amend the operating agreement with Hamilton Bike Share Inc. (HBSI) for the operation of the base bike share program to provide an operating offset equivalent to the annual vehicle fee, device equity fee, winter operations offset fee and per trip fee collected from the Commercial E-Scooter operator; and,
- (d) ***That staff be directed to consult the Advisory Committee for Persons with Disabilities, the CNIB Foundation and the Seniors Advisory Committee on a quarterly basis with respect to the Commercial E-Scooter pilot program.***

Result: Main Motion, As Amended, CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek

NOT PRESENT - Ward 14 Councillor Terry Whitehead

6. Biosolids Management Project - Approval of Change in Control of Harbour City Solutions (PW11098(h)) (City Wide) (Item 10.3)

(Ferguson/Pearson)

- (a) That the General Manager of Public Works be authorized to execute a consent authorizing and approving the transfer of control of Bird Capital Hamilton Biosolids Holdings Inc. and Maple Hamilton Biosolids Holdings Inc., as requested by Synagro Hamilton Biosolids LP, in a form approved by the City Solicitor; and,
- (b) That the consent to authorize and approve the transfer of control of Bird Capital Hamilton Biosolids Holdings Inc. and Maple Hamilton Biosolids Holdings Inc. be subject to the issuance of Final Completion Phase 1 and Final Completion certificates by the Independent Certifier as required and defined in the Project Agreement, and such other reasonable conditions as may be specified by the City Solicitor.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

7. Standardization of Hamilton Water Equipment, Parts, Supplies and Services (PW21045) (City Wide) (Item 10.4)

(Pearson/Danko)

- (a) That the standardization of the products, services, manufacturers and distributors identified in Appendices "A", "B" and "C" to Report PW21045 pursuant to Procurement Policy #14 - Standardization and as the single source of supply for the listed equipment, parts, supplies and services for the Hamilton Water Division be approved;
- (b) That the General Manager of Public Works, or their designate, be authorized to negotiate, enter into and execute any required Contract and any ancillary documents required to give effect thereto with those suppliers identified in Appendices "A", "B" and "C" to Report PW21045 with content acceptable to the General Manager of Public Works, and in a form satisfactory to the City Solicitor; and,

- (c) That the General Manager of Public Works, or their designate, be authorized to amend any Contracts executed and any ancillary documents as required in the event that a service provider, manufacturer, or distributor identified in Appendices "A", "B" or "C" to Report PW21045 undergoes a name change or a new distributor relationship in a form satisfactory to the City Solicitor.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

8. Cost Recovery Using Funding Methodology for Municipal Infrastructure Extensions - Rymal Road from Approximately 200m East of Second Road West to Upper Centennial Parkway (PW21046) (Ward 9) (Item 10.5)

(Danko/Merulla)

- (a) That the General Manager of Finance and Corporate Services be authorized and directed to prepare a cost recovery by-law in accordance with the *Municipal Act, 2001* the *City of Hamilton Act, 1999* and the City's Funding Methodology for Municipal Infrastructure Extensions Policy to recover the local portion of infrastructure extension construction costs to be incurred, in addition to permit fees, against the benefiting properties identified in Appendix "B" attached to Report PW21046 with the following terms:
- (i) The charge to each property, as identified in Appendix "B" attached to Report PW21046; the current flat fee as of the date of payment/connection in accordance with the City's annual user fee by-law;
- (ii) The charge shall be due at the earlier of the time of connection (building permit), as a condition of severance, or may be paid at any time;
- (iii) At time of connection, the benefiting owners may elect to spread the payment over 15 years by placing the charge on tax roll; interest shall apply based on the City's then current 15 year borrowing rate;

- (iv) Any unpaid amounts may be added to the property tax roll and collected in the same manner as municipal taxes.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

9. Private Tree Giveaway (PW21044) (City Wide) (Item 10.6)

(Jackson/Ferguson)

- (a) That staff be directed to plan and execute a City Wide Private Tree Giveaway Program for the remainder of 2021 and on an annual basis from 2022 and beyond, subject to the approval of the following:
- (i) That \$15,000 be allocated from the 2021 Forestry tax operating budget to fund the 2021 Fall Private Tree Giveaway Program; and,
- (ii) That the 2022 Private Tree Giveaway Program annual operating budget request of \$45,000 be referred to the 2022 tax operating budget process for consideration.

Result: Motion CARRIED by a vote of 8 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

10. Installation of Traffic Calming Measures at Various Locations throughout Ward 6 (Item 11.1)

(Jackson/Collins)

WHEREAS, the residents of Beacon Avenue have submitted a petition with 46 names for the installation of speed cushions on Beacon Avenue to address roadway safety concerns as a result of speeding, cut-through traffic;

WHEREAS, the residents of Moxley Drive have submitted a petition with 45 names for the installation of speed cushions on Moxley Drive between Beacon Avenue and Mohawk Road East to address roadway safety concerns as a result of speeding, cut-through traffic;

WHEREAS, the residents of Rapallo Drive, that were part of a neighbourhood petition of 67 names, are requesting the installation of speed cushions along Rapallo Drive, to address roadway safety concerns as a result of speeding and cut through traffic;

WHEREAS, the residents of East 45th Street have submitted a petition containing 50 signatures for the installation of additional speed cushions on East 45th Street, between 10th Avenue and Fennell Avenue East, to address roadway safety concerns as a result of speeding, cut-through traffic;

WHEREAS, the residents of Organ Crescent have submitted a petition containing 45 signatures for the installation of speed cushions on Organ Crescent, to address roadway safety concerns as a result of speeding, cut-through traffic;

WHEREAS, the residents of Eaglewood Drive have submitted a petition containing 75 signatures for the installation of speed cushions on Eaglewood Drive, between Eva Street and Sinena Avenue, to address roadway safety concerns as a result of speeding, cut-through traffic; and,

WHEREAS, the residents of Fernwood Crescent have submitted a petition containing 31 signatures for the installation of speed cushions on Fernwood Crescent, between 9th Avenue and Castlefield Drive, to address roadway safety concerns as a result of speeding, cut-through traffic;

THEREFORE, BE IT RESOLVED:

- (a) That Transportation Operations and Maintenance staff be authorized and directed to install traffic calming measures on the following roadways as part of the 2021 Traffic Calming program (Fall Application):
 - (i) Beacon Avenue, Hamilton (2 speed cushions);
 - (ii) Moxley Drive, from Beacon Avenue and Mohawk Road East, Hamilton (1 speed cushion);
 - (iii) Rapallo Avenue, Hamilton (2 speed cushions);
 - (iv) East 45th Street, from 10th Avenue and Fennell Avenue East, Hamilton (5 speed cushions);

- (v) Organ Crescent, Hamilton (4 speed cushions);
 - (vi) Eaglewood Drive, from Eva Street and Sinena Avenue, Hamilton (3 speed cushions);
 - (vii) Fernwood Crescent, from 9th Avenue and Castlefield Drive, Hamilton (2 speed cushions);
- (b) That all costs associated with the installation of traffic calming measures at the identified locations throughout Ward 6 be funded from the Ward 6 Minor Maintenance Account (4031911606) at a total cost not to exceed \$133,000 (including contingency); and,
- (c) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

Result: Motion CARRIED by a vote of 8 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 NOT PRESENT - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

11. Installation of Traffic Calming Measures on Bellagio Avenue, Showcase Drive, Keystone Crescent, Fletcher Road and Gatestone Drive to Address Safety Concerns Around Area Elementary Schools (Ward 9) (Item 11.2)

(Jackson/Collins)

WHEREAS, the City of Hamilton is committed to the safety of all road users and is a leader in Vision Zero initiatives; and,

WHEREAS, the Ward 9 office has continued to receive complaints and concerns related to the safety of elementary students accessing schools in these areas;

THEREFORE, BE IT RESOLVED:

- (a) That Transportation Operations and Maintenance staff be authorized and directed to install traffic calming measures on the following roadways as part of the 2021 Traffic Calming program (fall application), at a cost not to exceed \$60,000, to be funded from the Ward 9 Minor Maintenance account (4031911609):

- (i) Gatestone Drive, from Foxtrot Drive to Shadyglen Drive, Hamilton (2 speed cushions);
 - (ii) Bellagio Avenue, from Fletcher Road to Keystone Crescent, Hamilton (3 speed cushions);
 - (iii) Keystone Crescent, from Bellagio Avenue to Showcase Drive, Hamilton (2 speed cushion);
 - (iv) Showcase Drive, from Keystone Crescent to Fletcher Road, Hamilton (2 speed cushions);
 - (v) Fletcher Road at Pinehill Drive, Hamilton, northwest corner, corner radius reduction;
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

12. Additional Funding for the Study of Design Improvements to Southam Park, Hamilton (Ward 8) (Item 11.3)

(Danko/Jackson)

WHEREAS, parks play an important role in the creation of livable cities, and the amenities in parks animate the spaces for use by the public;

WHEREAS, Southam Park, located at 480 Upper James Street, was approved as a project through the 2020 capital budget process to design improvements to the park; and,

WHEREAS, additional funds are required to complete studies and detailed design;

THEREFORE, BE IT RESOLVED:

- (a) That \$51,000 of funding be allocated from the Ward 8 Special Capital Re-investment Reserve Fund #108058 to Project ID 4402056008, to complete the studies and detailed design of Southam Park; and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

13. Installation of Traffic Calming Measures at Various Locations throughout Ward 1 (Item 11.4)

(Nann/Danko)

WHEREAS, the City of Hamilton has adopted Vision Zero approach which considers human error as part of the road way safety equation,

WHEREAS, roads adjacent to parks and schools frequently see the greatest number of young pedestrians and cyclists at risk by speeding motorists; and,

WHEREAS, Ward 1 residents have repeatedly advocated for the installation of speed cushions on various roadways throughout their neighbourhoods to address roadway safety concerns as a result of speeding and cut-through traffic;

THEREFORE, BE IT RESOLVED:

- (a) That Transportation Operations and Maintenance staff be authorized and directed to install traffic calming measures on the following roadways as part of the 2021 Traffic Calming program:
 - (i) Homewood Avenue from Dundurn Street South to MacDonald Avenue, Hamilton (1 speed cushion);
 - (ii) Stanley Avenue from Dundurn Street South to MacDonald Avenue, Hamilton (1 speed cushion);

- (iii) Charlton Avenue West from Locke Street South to Dundurn Street South, Hamilton (2 speed cushions);
 - (iv) Beddoe Drive from Studholme Road to southerly end, Hamilton (3 speed cushions);
 - (v) Dromore Crescent from Marion Avenue North to Oak Knoll Drive, Hamilton (1 speed cushion);
 - (vi) Marion Avenue North from Haddon Avenue North to Dromore Crescent, Hamilton (1 speed cushion);
 - (vii) Parkside Drive from Devon Place to Glen Road, Hamilton (1 speed cushion);
 - (viii) Glen Road from Parkside Drive to Kipling Road, Hamilton (1 speed cushion);
 - (ix) Strathcona Avenue North from York Boulevard to Florence Street, Hamilton (1 speed cushion);
 - (x) Chatham Street from Locke Street South to Dundurn Street South, Hamilton (2 speed cushions);
- (b) That all costs associated with the installation of traffic calming measures at the identified locations throughout Ward 1 be funded from the Ward 1 Reserve Account (108051) at a total cost not to exceed \$100,000 (including contingency); and,
- (c) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

14. Ward 1 Park Improvements (Item 11.5)**(Nann/Pearson)**

WHEREAS, Victoria Park (500 King Street West, Hamilton) is a diverse community park in Ward 1 with recreation amenities that promote healthy activity opportunities for the community;

WHEREAS, one of the two multi-use courts within Victoria Park does not include the basketball and hockey infrastructure that is now standard within new multi-use court amenities;

WHEREAS, the addition of this infrastructure is desirable to increasing recreation opportunities for residents at Victoria Park;

WHEREAS, the junior play structure located within Mapleside Park (12 Spruceside Avenue, Hamilton) has reached end of life;

WHEREAS, the asphalt pathways at both Mapleside Park and Radial Park (12 Spruceside Avenue, Hamilton) require replacement,

WHEREAS, drainage improvements can be effectively added to Mapleside Park during the play structure and pathway improvements to improve park conditions;

WHEREAS, these community amenities at both Mapleside Park and Radial Park are valuable recreation opportunities for children, youth and families within the Kirkendall North and Kirkendall South neighbourhoods;

WHEREAS, park pathways offer a valuable active transportation link to pedestrians and bike users in Ward 1 and beyond; and,

WHEREAS, the asphalt pathways at Alexander Park (201 Whitney Avenue, Hamilton), Churchill Park (255 Glen Road, Hamilton) and Jackson Playground (439 Jackson Street West, Hamilton) require replacement;

THEREFORE, BE IT RESOLVED:

- (a) That \$35,000 of funding be allocated from the Ward 1 Special Capital Re-Investment Discretionary Fund (#3302009100), to improve the existing court within Victoria Park, Hamilton, with basketball posts/nets and fencing improvements to include built in hockey nets, be approved;
- (b) That the replacement of the existing junior play structure, pathway replacements and drainage improvements at Radial Park and Spruceside Park, Hamilton, at an approximate cost of \$146,000, to be funded from Ward 1 Special Capital Re-Investment Reserve Fund (#108051), be approved;
- (c) That the replacement of portions of asphalt pathways at Alexander Park, Churchill Park and Jackson Playground, Hamilton, at an approximate cost of

\$90,000, to be funded from the Ward 1 Special Capital Re-Investment Reserve Fund (#108051), be approved; and,

- (d) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

**15. Material Recycling Facility Unsolicited Proposal (CONFIDENTIAL)
(PW21050) (City Wide) (Item 14.1)**

(Pearson/Danko)

- (a) That the direction provided to staff in Closed Session, respecting Report PW21050, Material Recycling Facility Unsolicited Proposal, be approved; and,
- (b) That Report PW21050, respecting the Material Recycling Facility Unsolicited Proposal, remain confidential.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

FOR INFORMATION:**(a) CHANGES TO THE AGENDA (Item 2)**

The Committee Clerk advised of the following changes to the agenda:

6. DELEGATION REQUESTS

6.1 Delegation Requests respecting Item 10.1 - Commercial E-Scooters Operations (PED20134(b)) (City Wide) (for today's meeting):

6.1(a) James Kemp, Advisory Committee for Persons with Disabilities

6.1(b) Chris Schafer, Bird Canada

6.1(c) Ashley Brown, Spin Mobility Inc.

11. MOTIONS

11.1 Installation of Traffic Calming Measures at Various Locations throughout Ward 6 **(REVISED)**

(Ferguson/Pearson)

That the agenda for the August 11, 2021 Public Works Committee meeting be approved, as amended.

Result: Motion CARRIED by a vote of 7 to 0, as follows:

NOT PRESENT - Ward 2 Councillor Jason Farr

YES - Vice Chair - Ward 3 Councillor Nrinder Nann

YES - Ward 4 Councillor Sam Merulla

NOT PRESENT - Ward 5 Councillor Chad Collins

YES - Ward 6 Councillor Tom Jackson

NOT PRESENT - Ward 7 Councillor Esther Pauls

YES - Ward 8 Councillor John-Paul Danko

YES - Ward 10 Councillor Maria Pearson

YES - Ward 12 Councillor Lloyd Ferguson

YES - Chair - Ward 13 Councillor Arlene VanderBeek

NOT PRESENT - Ward 14 Councillor Terry Whitehead

(b) DECLARATIONS OF INTEREST (Item 3)

There were no declarations of interest.

(c) APPROVAL OF MINUTES OF THE PREVIOUS MEETING (Item 4)**(i) July 7, 2021 (Item 4.1)****(Nann/Pearson)**

That the Minutes of the July 7, 2021 meeting of the Public Works Committee be approved, as presented.

Result: Motion CARRIED by a vote of 7 to 0, as follows:

NOT PRESENT - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 NOT PRESENT - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

(d) DELEGATION REQUESTS (Item 6)**(Ferguson/Merulla)**

(a) That the following delegation requests, respecting Item 10.1 - Commercial E-Scooters Operations (PED20134(b)) (City Wide), be approved for today's meeting:

(i) James Kemp, Advisory Committee for Persons with Disabilities (Added Item 6.1(a))

(ii) Chris Schafer, Bird Canada (Added Item 6.1(b))

(iii) Ashley Brown, Spin Mobility Inc. (Added Item 6.1(c))

Result: Motion CARRIED by a vote of 8 to 0, as follows:

NOT PRESENT - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

For further disposition of this matter, refer to Item (f)(ii).

(e) CONSENT ITEMS (Item 7)

(Farr/Nann)

(a) That the following Consent Items, be received:

- (i) Hamilton Cycling Committee Meeting Minutes - April 7, 2021 (Item 7.4)
- (ii) Hamilton Cycling Committee Staff Liaison Report - May 5, 2021 (Item 7.5)
- (iii) Hamilton Cycling Committee Meeting Minutes – June 2, 2021 (Item 7.6)

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

(f) PUBLIC HEARINGS / DELEGATIONS (Item 9)

(i) Proposed Permanent Closure and Sale of a Portion of Pinot Crescent, Stoney Creek (PW21043) (Ward 10) (Item 9.1)

Councillor VanderBeek advised that notice of the Proposed Permanent Closure and Sale of a Portion of Pinot Crescent, Stoney Creek (PW21043) (Ward 10) was given as required under the City's By-law #14-204 – the Sale of Land Policy By-law.

No members of the public were registered as Delegations.

(Pearson/Farr)

That the public meeting be closed.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann

YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

For further disposition of this matter, refer to Item 4.

(ii) Delegations respecting Item 10.1 - Commercial E-Scooters Operations (PED20134(b)) (City Wide) (Added Items 9.2(a) – 9.2(c))

(Pearson/Nann)

That the presentations from the following delegates, respecting Item 10.1 - Commercial E-Scooters Operations (PED20134(b)) (City Wide), be received:

- (i) James Kemp, Advisory Committee for Persons with Disabilities (Added Item 9.2(a))
- (ii) Chris Schafer, Bird Canada (Added Item 9.2(b))
- (iii) Ashley Brown, Spin Mobility Inc. (Added Item 9.2(c))

Result: Motion CARRIED by a vote of 8 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

For further disposition of this matter, refer to Items 5 and (g)(i).

(g) DISCUSSION ITEMS (Item 10)

(i) Commercial E-Scooters Operations (PED20134(b)) (City Wide) (Item 10.1)

(Nann/Farr)

- (a) That staff be directed to initiate a Request for Proposals to select a maximum of two commercial E-Scooter operators to operate a 24-month pilot program within the City of Hamilton, with two optional one-year extensions based on the general scope and terms set out herein this Report PED20134(b) and pending staff review of the pilot program;
- (b) That the General Manager of Planning and Economic Development be authorized to negotiate, enter into, and execute an agreement, any amendments, and ancillary documents required to give effect thereto with the successful proponents to the request for proposals for Commercial E-Scooter operators in a form satisfactory to the City Solicitor; based on the general scope and terms outlined in this Report PED20134(b); and,
- (c) That, upon the award of any agreements with a Commercial E-Scooter operator, the General Manager of Planning and Economic Development be authorized to amend the operating agreement with Hamilton Bike Share Inc. (HBSI) for the operation of the base bike share program to provide an operating offset equivalent to the annual vehicle fee, device equity fee, winter operations offset fee and per trip fee collected from the Commercial E-Scooter operator.

(Farr/Jackson)

That Report PED20134(b), respecting Commercial E-Scooters Operations, be **amended** to add recommendation (d), to read as follows:

- (d) ***That staff be directed to consult the Advisory Committee for Persons with Disabilities, the CNIB Foundation and the Seniors Advisory Committee on a quarterly basis with respect to the Commercial E-Scooter pilot program.***

Result: Amendment CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

For further disposition of this matter, refer to Item 5.

(ii) Protected Bike Lane Curbs (Hamilton Cycling Committee - Citizen Committee Report) (Item 10.2)**(Ferguson/Danko)**

That the Hamilton Cycling Committee - Citizen Committee Report, respecting Protected Bike Lane Curbs, be referred to appropriate staff for a report back to the Public Works Committee.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

(h) GENERAL INFORMATION / OTHER BUSINESS (Item 13)**(i) Amendments to the Outstanding Business List (Item 13.1)****(Pearson/Farr)**

That the following amendments to the Public Works Committee's Outstanding Business List, be approved:

(a) Items Requiring a New Due Date:

- (i) Municipal Class Environmental Assessment and Conceptual Design of Ancaster Elevated Water Reservoir
Item on OBL: AAP
Current Due Date: August 11, 2021
Proposed New Due Date: September 20, 2021
- (ii) Funding Options for a 5 Year and 10 Year Lead Water Service Line Replacement Plan
Item on OBL: ABJ
Current Due Date: August 11, 2021
Proposed New Due Date: September 10, 2021
- (iii) Corporate Energy and Sustainability Policy
Item on OBL: ABQ
Current Due Date: August 11, 2021
Proposed New Due Date: September 10, 2021

- (b) Items Considered Complete and Needing to be Removed:
- (i) Advisory Committee for Persons with Disabilities Report 20-007, December 8, 2020 (Items 5 and 7); and, Regulation of E-Scooters
Addressed as Item 10.1 on today's agenda - Report PED20134(b)
Items on OBL: 21B, 21C and ABN

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

(i) PRIVATE AND CONFIDENTIAL (Item 14)

(Pearson/Ferguson)

That Committee move into Closed Session respecting Item 14.1, pursuant to Section 9.1, Sub-sections (j) and (k) of the City's Procedural By-law 21-021 and Section 239(2), Sub-sections (j) and (k) of the *Ontario Municipal Act, 2001*, as amended, as the subject matter pertains to a trade secret or scientific, technical, commercial or financial information that belongs to the municipality or local board and has monetary value or potential monetary value; and, a position, plan, procedure, criteria or instruction to be applied to any negotiations carried on or to be carried on by or on behalf of the municipality or local board.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Vice Chair - Ward 3 Councillor Nrinder Nann
 YES - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 NOT PRESENT - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Chair - Ward 13 Councillor Arlene VanderBeek
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

(i) Material Recycling Facility Unsolicited Proposal (PW21050) (City Wide) (Item 14.1)

For disposition of this matter, refer to Item 15.

(j) ADJOURNMENT (Item 15)

(Pearson/Nann)

That there being no further business, the Public Works Committee be adjourned at 3:52 p.m.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
YES - Vice Chair - Ward 3 Councillor Nrinder Nann
YES - Ward 4 Councillor Sam Merulla
YES - Ward 5 Councillor Chad Collins
YES - Ward 6 Councillor Tom Jackson
NOT PRESENT - Ward 7 Councillor Esther Pauls
YES - Ward 8 Councillor John-Paul Danko
YES - Ward 10 Councillor Maria Pearson
YES - Ward 12 Councillor Lloyd Ferguson
YES - Chair - Ward 13 Councillor Arlene VanderBeek
NOT PRESENT - Ward 14 Councillor Terry Whitehead

Respectfully submitted,

Councillor A. VanderBeek
Chair, Public Works Committee

Alicia Davenport
Legislative Coordinator
Office of the City Clerk

6.1(a)**Request to Speak to Committee of Council**

Submitted on Friday, August 27, 2021 - 2:49pm

==Committee Requested==

Committee: Public Works Committee

==Requestor Information==

Name of Individual: Paula Crockett**Name of Organization:****Contact Number:** [REDACTED]**Email Address:** [REDACTED]**Mailing Address:**
[REDACTED]

Reason(s) for delegation request: I have concerns about the location of two arched iron signs being installed at Parkside Cemetery across from 6 homes on Parkside Avenue in Dundas. The direct community, the residents who attended the Parkside Cemetery public meetings, were not informed that two arches were to be installed on Parkside Avenue. These signed arches can only be seen from the homes they face. The arches cannot be seen from the major intersection of the Cemetery. The arches are not on the tender, nor can they be found on the concept plan that was approved by the community in February 2019, and posted on the city website March 2019. - no revisions to the plans have been shared with the public to date.

The community does not want the arches to be installed on Parkside Avenue.

Major infrastructure needs to be moved to accommodate them.

There are multiple safety issues for pedestrians.

The arched signs significantly affect the enjoyment of private property as they can be seen from every window and door of the properties they face. They destroy the view of surrounding vistas the cemetery promised to protect.

The arches will have significant negative impact on the property value of the homes on Parkside Avenue.

Will you be requesting funds from the City? No

Will you be submitting a formal presentation? Yes

6.1(b)

Request to Speak to Committee of Council

Submitted on Monday, August 30, 2021 - 1:41pm

==Committee Requested==

Committee: Public Works Committee

==Requestor Information==

Name of Individual: Arianna Codeluppi

Name of Organization:

Contact Number: [REDACTED]

Email Address: [REDACTED]

Mailing Address:
[REDACTED]

Reason(s) for delegation request: I am submitting this form to request to speak to the Public Works Committee regarding the Parkside Cemetery structure/entry archways. My home is across the street and I am very concerned. I hope this gives us an opportunity to be heard.

Will you be requesting funds from the City? No

Will you be submitting a formal presentation? No



INFORMATION REPORT

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	September 10, 2021
SUBJECT/REPORT NO:	2020 Annual Energy Report (PW21049) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Tom Chessman (905) 546-2424, Ext. 2494 Linda Campbell (905) 546-2424, Ext. 2810 Tracy Zmudczynski (905) 546-2424, Ext. 5356
SUBMITTED BY:	Rom D'Angelo, C.E.T.; CFM Director, Energy, Fleet and Facilities Management Public Works Department
SIGNATURE:	

COUNCIL DIRECTION

As part of the City's Corporate Energy and Sustainability Policy (PW14050(a)) staff are directed to provide an annual energy report highlighting the progress and results of various City energy initiatives.

INFORMATION

The City of Hamilton's 2020 Annual Energy Report is attached to Report PW21049 as Appendix "A". The report provides a summary of energy usage, performance comparisons and cost savings initiatives for the calendar year 2020. Additionally, as per the Corporate Air Quality & Climate Change Strategic Plan (PED06336(a)), wherein Council recommended reporting on Greenhouse Gas Emission inventories on an annual basis, the data for 2019 calendar year are presented within the 2020 Annual Energy Report.

Energy intensity (energy usage in equivalent kilowatt hours per square foot) is the key performance indicator for corporate buildings, and that was down 35% from the base year of 2005. The report includes updated results for the City's overall utility costs and energy conservation project updates. It is important to note that the results in 2020 were also impacted by changes in operational activity as a result of COVID-19.

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

SUBJECT: 2020 Annual Energy Report (PW21049) (City Wide) - Page 2 of 2

Table 1: Energy Intensity Comparison in Equivalent kilowatt hours per Square Foot (ekWh/sqft)

Energy Intensity	2005	2019	2020	2020 vs 2005	2020 vs 2019
City Total (ekWh/sqft)	45.7	34.3	29.5	-35%	-14%

Table 2: Combined Energy Usage Comparison (Electricity and Natural Gas) in equivalent kilowatt hours (ekWh)

Combined Energy	2005	2019	2020	2020 vs 2005	2020 vs 2019
Total Energy (ekWh)	400,722,256	356,567,857	345,214,509	-14%	-3%
Total Energy Cost (\$)	27,177,303	28,375,511	28,124,739	3%	-1%

The overall results of the corporate emissions inventory for 2019 was a reduction of 43% as compared to the base year of 2005.

The City of Hamilton's commitment to energy conservation and environmental sustainability plays an important role in supporting the City's Strategic Plan by contributing to a prosperous and healthy community; providing valued and sustainable services; and demonstrating innovation and leadership. Ongoing success of the energy program requires engagement of all Five Values of Our Culture – Collective Ownership; Steadfast Integrity; Sensational Service; Engaged, Empowered Employees; and Courageous Change.

While Appendix "A" attached to Report PW21049 is exclusively focused on the previous year's energy metrics and results, it is incumbent on the Energy, Fleet & Facilities Management leadership team to report on a key 2021 initiative and highlight approved by City Council, which is the conversion of 49 light duty vehicles to electric battery vehicles by 2023. Fleet Services' aim in partnership with the Energy Office is to lead the charge in emission-free mobility. This new era will reshape the way we drive and provide municipal and Public Works services, for the better.

The City's annual energy report will be posted on the City's website once the report has been received by Council at www.hamilton.ca/energy.

APPENDICES AND SCHEDULES ATTACHED

Appendix "A" to Report PW21049 - 2020 Annual Energy Report



2020 ANNUAL ENERGY REPORT

CITY OF HAMILTON

Public Works
[Hamilton.ca/energy](https://www.hamilton.ca/energy)

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Letter from the Director

Reporting of annual energy results for 2020 is a little different than in previous years. As the world tackled the far-reaching impacts of a global pandemic, cities were sent into various forms of lockdowns necessitating changes to its social and public services. The City of Hamilton was no different as it navigated the fluid and developing situation throughout 2020.

City buildings were mostly shuttered to the public for at least part of 2020, with services shifting to online or by-appointment to limit contact. Recreational programs were postponed, limited or cancelled at various times throughout the year. Many of the City's employees worked completely or partially remotely. In the first half of 2020, project activities were also impacted as the province limited non-essential construction. Construction and project activity resumed by mid-2020 but many experienced schedule delays as a result.

Despite the varying stay-at-home orders and lock-down restrictions in 2020, it is important to remember that city buildings still required heating, cooling and lighting even with lower capacity. In some cases, buildings were re-purposed or modified to accommodate new health measures and staff re-deployed to administer required City amenities to the public. Fleet and transit vehicles still required fuel in order maintain essential City services. While this did result in lower consumption and costs overall, it is difficult to quantify a specific causal relationship between pandemic-related reactions and energy reduction results from focused activities.

The City still has a commitment to energy and greenhouse gas (GHG) reduction, and efforts toward those goals continued throughout 2020. The Climate Change Emergency continues to be a driving force behind the development of corporate and public action plans and policy changes. A revision to the Corporate Energy and Sustainability Policy document that revised targets and further defined actions around energy-related decisions including those to reduce energy usage and GHGs and increase building standardization and renewable resources was adopted by council in Feb 2021.

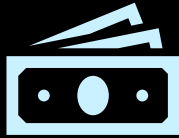
The Community Energy and Emissions Plan continues with its development and has engaged staff, public stakeholders, local industry and the community. The Plan aims to enhance public awareness around sustainability, create community action plans and develop public policies with the goal to promote reductions in energy use and GHGs to build a sustainable net-zero city.



Rom D'Angelo
Director of Energy, Fleet and Facilities Management Division

A handwritten signature in blue ink that reads "Rom D'Angelo".

2020



*Utility Spend of
\$37.7 Million*



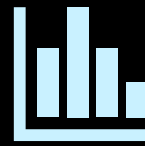
*Energy Intensity
Reduction of 35%
from base year*



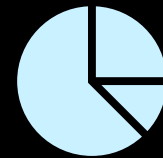
*Corporate GHG
Emissions Inventory
2019 Reduction of
43% from base year*

**NET
ZERO**

*New Target in
emissions reduction
by 2050*



*Energy Strategies
and Programs
Savings & Avoided
Costs \$11.9 Million*



*Combined
(Electricity & Natural
Gas) usage down
3% from 2019*



*Corporate Energy
and Sustainability
Policy Updated*



*HRPI Benefit of \$1.2
Million*



*10% reduction in
Fuels consumption
(diesel, gasoline
and CNG) from
2019*

AT A GLANCE

Strategic Highlights

The main KPI for City facilities for energy use is the measure of its energy intensity (energy use per area). Typically, energy intensity can show how actions taken to reduce energy use – through energy efficiency projects, operational improvements and behaviors – can impact the intensity results. 2020 was atypical in that closing of sites and usage shifts also impacted the KPI and does overstate the results of those actions.

2020 Energy Intensity Reduction of 35% when compared to 2005 base year, and 14% reduction from 2019.

Financial Highlights

The overall annual cost of utilities (electricity, natural gas and fuels) amounted to \$37.7 million, which was a reduction of 7% from last year. A lot of this can be attributed to lower consumption. In addition, Provincial COVID-19 rate relief was introduced throughout 2020 as a temporary method to mitigate the impacts of peak electricity and natural gas while residents and businesses were urged to reduce contact and stay home. Energy strategies and programs (cost recovery, hedging, rates activities and conservation efforts) continued, and the annual results of savings and avoided costs for 2020 was \$11.9 million.

Operating Highlights

Operationally, COVID-19 impacted consumption across corporate sites to varying degrees. Overall, there was a combined electricity and natural gas (in ekWh) reduction of 3%. Some buildings, particularly those in the recreation and office sectors, saw drops in consumption while others remained status quo. Hamilton Water saw an increase in natural gas due to the installation of a Biosolids production operation. Fuel consumption in 2020 also resulted in an 10% reduction year over year.

COVID-19 impacted consumption across corporate sites to varying degrees. Overall, there was a reduction of 3% in consumption and 10% reduction in fuel consumption from 2019.

Looking Ahead

Heading into 2021, corporate activities continue to evolve as the Province and the City's Public Health continuously update health measures required in the face of the ongoing pandemic. It is unlikely that City sites will return to full capacity within 2021, and therefore further impacts to KPIs, energy consumption and energy-related decisions are expected. Conservation activities, including energy efficiency projects, operational improvements and policy and plan development intended to reduce energy usage and GHG emissions will remain key priorities in 2021.



York Boulevard

CORPORATE ENERGY & SUSTAINABILITY POLICY

In 2020, the former Corporate Energy Policy, undertook a review and revision to be renamed the Corporate Energy and Sustainability Policy (PW14050(a)). The policy is designed to act as a guideline for making energy and emissions related decisions for corporate assets and operations. The revised policy continues to include policy actions to support making building and operational improvements that lead to energy usage reductions and emissions reductions that impact the City environmentally and financially.

The intent of the review was to better align the current energy policies to recent regulatory changes, City-wide community-based plans and the increased focus on climate change and resiliency. In 2019, the City of Hamilton declared a climate change emergency, initiated a climate change task force and engaged the public in development of a community-based climate change plan. This revised policy incorporated updates to facilitate Corporate actions to meeting overall targets and goals. Primary among those was the commitment to achieving net zero emissions by 2050. Additionally, the policy includes updates to building standards, renewable energy considerations and better-defined reporting.

Accepted by Council in February 2021, the Corporate Energy and Sustainability Policy recommitted to the existing energy intensity targets and new emissions reduction targets, with a long-term goal of net zero emissions. Net zero means achieving overall, zero greenhouse gas emissions by balancing any emissions from energy use with carbon removal via a combination of reducing usage, changing to low or zero energy sources (i.e. renewable energy sources), changing processes and carbon offsetting.

Figure 1: Corporate Energy Intensity and Emissions Reduction Targets

Year	Energy Intensity Reduction Targets	Emissions Reduction Targets
2020	20%	20%
2030	45%	50%
2050	60%	100% *

*Net zero emissions

In order to ensure the policy targets and policy actions remain relevant and align with the City's strategic plans, the policy document is reviewed and revised approximately every five years.

ENERGY STRATEGIES & PROGRAMS KPI RESULTS

The City has been tracking and reporting on data results for several years to evaluate the City's performance using key performance indicators related to decisions specifically around energy and utilities.

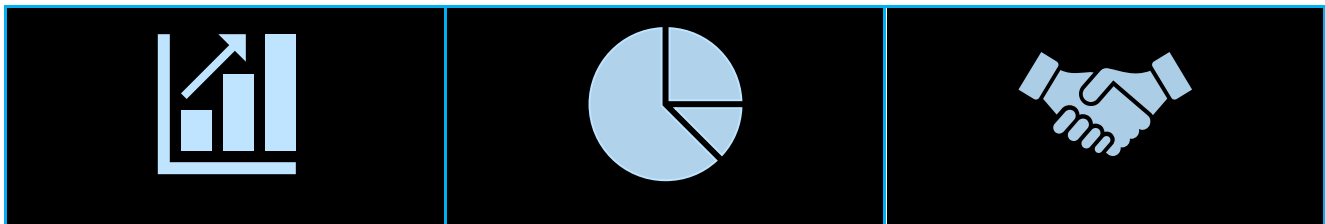
Cost reductions and the avoidance of costs are a result of the impacts of a variety of energy strategies and programs. Energy conservation, incentive programs, bill recovery from reviewing utility invoices or tax rebate programs, and utility rate optimization are a few of the factors that that contribute to annual cost savings or mitigation of costs for the City.

Overall, the total results from implementing the various energy strategies and programs in 2020 has resulted in a savings and avoided costs of \$11.9 million.

Utility Rates and Commodity Strategies

This category reports the results of the electricity and natural gas costs that would have been incurred by the City had no action been initiated to reduce costs. Actions include procurement plans, natural gas hedging strategies and optimizing utility rates including switching rate class to increase benefits from Global Adjustment (GA) savings opportunities.

In 2020, the results of natural gas commodity and hedging strategies was \$624,300. The 2020 results for GA rate optimization amounted to \$7.4 million, for a total of \$8.0 million in this category.



Cost Recovery

This category reports on the results of costs recovered due to the City's continuous efforts to review its utility accounts to correct any billing errors as well as recover credits from tax recovery programs. Cost recovery from billing or rate corrections amounted to \$173,600 for 2020.

Energy Conservation and Incentive Programs

This category reports the results of the savings achieved from implementing energy efficiency measures, equipment and processes within the City’s building assets that lead to reductions in energy consumption as well as financial incentives received for completing those projects. Incentives in this context refers to those from utility providers, the Independent Electricity System Operator (IESO) or provincial or federal funding options that are provided to eligible energy efficiency projects.

Conservation

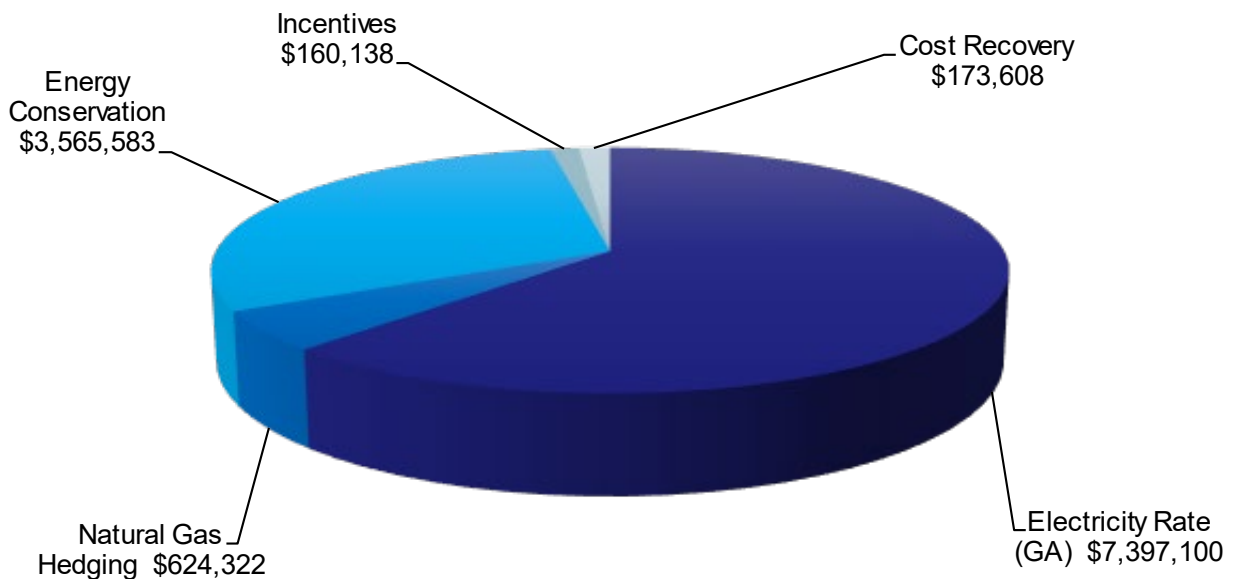
Project activities in this category amounted to a total savings of \$3.6 million for 2020. The City tracks the energy savings achieved from energy projects once they are complete.

Incentives

Incentives received for project activities amounted to \$160,100 for 2020. These values include all incentives received in 2020 and may be from completed projects in the prior year.

“In 2020, Energy Strategies and Programs resulted in \$11.9 million in avoided costs.”

Figure 2: 2020 Breakdown of Energy Strategies and Programs



OVERALL ENERGY COSTS

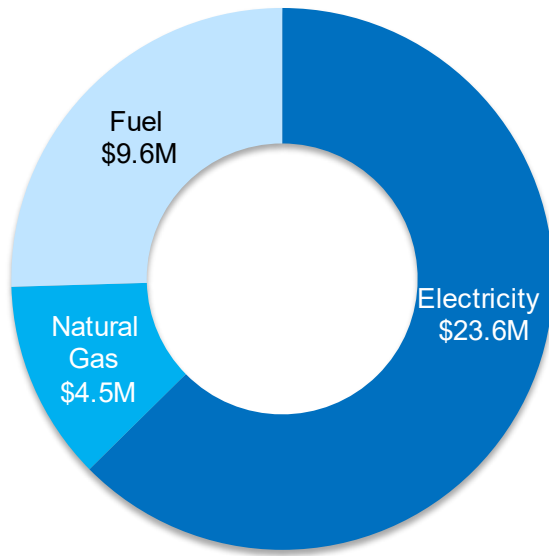
The City tracks costs and consumption to evaluate performance, but also to help budget for upcoming years. Costs for electricity, natural gas and fuels are compiled and measured against the previous year and compared to the baseline year of 2005. For this report, costs for sites connected to the district energy system (and supplied by HCE Energy Inc.) are included in electricity and natural gas costs.

Overall energy costs are a significant operating budget item for corporate buildings and vehicle assets. Although action to mitigate costs through completing energy efficiency projects that reduce consumption can have a positive impact on costs, costs themselves are impacted by more than usage. Regulatory changes, rate changes, inflation, global markets and weather can all impact costs despite reductions in usage. Costs for energy include regulated charges and market-based (commodity) charges.

2020 had the added impact of a wide-spread global pandemic, which led to market-based reactions resulting in shifts to supply and demand, as well as regulatory relief actions to mitigate pandemic cost impacts. Energy demand waned in large sectors causing uncertainty in commodity markets. Utilities unveiled temporary programs intended to assist with slowed and closed businesses through deferred costing and rate reductions. The federal carbon charge changes did however continue as scheduled. Caution must be paid when evaluating 2020 costs. As expected, overall lower usage resulted in lower costs, but with the other contributing factors noted above, it can be difficult to forecast upcoming costs utilizing 2020 as any kind of basis. 2021 is shaping up to be a similar anomaly, though the initial volatility felt in 2020 may be lessened. Additional information on the impacts will be discussed in upcoming sections of this report.

In 2020, the total spend for consumption of electricity, natural gas and fuels (diesel, unleaded gasoline and compressed natural gas (CNG)) was \$37.7 million. This was a decrease of 7% from 2019.

Figure 3: Overall Energy Costs in 2020 in Millions (\$M)

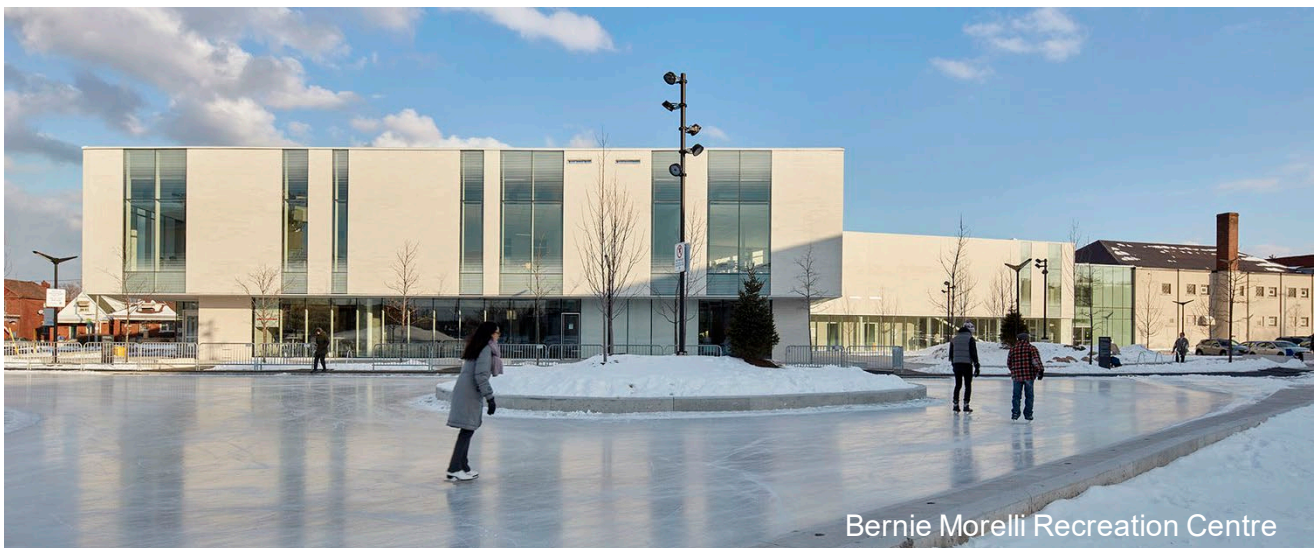


Overall 7% Reduction

- **Electricity cost was 4% lower than in 2019.**
- **Natural Gas cost was 19% higher than in 2019.**
- **Fuel (diesel, gasoline and CNG) cost was 22% lower than in 2019.**

Costs are incurred by City-owned buildings/sites and exclude City Housing Hamilton. Utilities include Alectra Utilities, Hydro One Utilities and Enbridge Gas Inc. (formerly Union Gas Ltd). Sites linked to the district energy system with utility costs provided from HCE are included in electricity and natural gas respectively. Fuels include diesel, unleaded gasoline and CNG for all Transit and Fleet operations but does not include Hamilton Police Services or Darts. Sites with partial data may be excluded.

The inclusion of buildings/sites in the report may vary from year to year. In any given reporting period, buildings and vehicles could be added (built or purchased) or removed (sales or demolitions). Major renovations may decommission a site for a time and may be excluded as a full year data set may not be available. As such, square footage to include only reported sites are also adjusted.



ENERGY PERFORMANCE KPI RESULTS

This section reviews the comparison results of electricity, natural gas and energy intensity to the prior year (2019) and to the base year (2005). The energy consumption and costs reported here are period normalized for 2020 and are calculated as usage and cost during that period and may or may not coincide with a billing period for any given account. Additional charts on the results presented in this section are in Appendix A of this report.

Electricity Consumption and Cost

Overall the electricity consumption in 2020 was 8% less than in 2019, and its overall costs were 4% less than in 2019.

Figure 4: 2020 Electricity Consumption and Cost Comparison

Electricity Overview	2005	2019	2020	Comparisons	
				2020 vs 2005	2020 vs 2019.
Total Electricity (kWh)	236,362,045	216,929,517	199,136,278	-16%	-8%
Total Electricity (\$)	\$20,657,050	\$24,575,215	\$23,619,728	14%	-4%
Total Electricity (\$/kWh)	\$0.087	\$0.113	\$0.119	36%	5%

Costs for electricity comprises commodity, delivery, transmission and other regulatory charges. Commodity includes the Hourly Ontario Energy Price (HOEP) and the Global Adjustment (GA). Both portions of the commodity are determined by market-based factors and are administered by Ontario’s Independent Electricity System Operator (IESO). The other charges, delivery, transmission and regulatory are regulated by the Ontario Energy Board (OEB), and any requests by a local utility (also called a local distribution company), to change such rates requires OEB approval. The City of Hamilton operates within two local distribution companies, Alectra Utilities and Hydro One.

The impacts to consumption (and cost) are varying, but typically relate to weather conditions, building capacity, operations and energy efficiency. In 2020, COVID-19 impacted building capacity and operations in a greater way as many of the city buildings were shuttered to staff and the public. However, most buildings did continue to require base cooling and heating throughout 2020. As a response to the COVID-19 pandemic, electricity utilities offered government recommended temporary rate relief plans, including price caps on peak electricity prices and global adjustment, and deferred some pre-approved rate plans and

increases into 2021. Additional programs were implemented to offer financial stability for small business and residents with deferred payment or payment plans. For the large commercial and industrial sector, modifications were made to the IESO’s ICI program (GA – Class A) to allow for those sectors to focus on financial recovery and stimulating the economy by eliminating the requirements that they respond to peak electricity demand events during the peak setting period (May 2020 – April 2021) while maintaining their current peak demand factors used in calculating their GA contributions.

In addition to the broad impact of the pandemic, weather also played a role in usage across the City. The cooling degree days in 2020 were 43% higher than 2019 and 12% higher than the 5-year average. Recall, even though buildings may have been reduced for capacity, cooling may still be a requirement for health and safety of any building occupants and operational equipment.

Natural Gas Consumption and Cost

Overall, the City’s natural gas consumption for buildings (not compressed natural gas for vehicles) was 5% higher than in 2019, with costs increasing by 19% as well.

Figure 5: 2020 Natural Gas Consumption and Cost Comparison (non-vehicle)

Natural Gas Overview	2005	2019	2020	Comparisons	
				2020 vs 2005	2020 vs 2019.
Total Natural Gas (m ³)	15,403,956	13,478,604	14,100,215	-8%	5%
Total Natural Gas (\$)	\$6,520,253	\$3,800,296	\$4,505,011	-31%	19%
Total Natural Gas (\$/m ³)	\$0.423	\$0.282	\$0.319	-25%	13%

Natural gas comprises commodity (market-based), delivery and regulatory components such as the Federal Carbon Charge. Enbridge Gas Inc is the local distribution company, and like electricity, all changes to regulated items must be approved by the OEB. However, the difference is that the City purchases its natural gas commodity directly from wholesale suppliers not Enbridge Gas, which acts as the billing and delivery agent.

The biggest impact to the consumption in 2020 was the added volume from a Hamilton Water biosolids production project at the Woodward water and wastewater treatment site. Steady biosolids production at the plant began in May 2020. While many facilities experienced reduced consumption from building closures and limited capacities, the biosolids production

was a steady user, and its added volume increased the City’s purchases of natural gas overall. Heating requirements played a lesser role in 2020. Although a good portion of the heating season was over by the first lockdowns in March 2020, the heating degree days were also on average 13% lower than the 2019 and 7% lower than the 5-year average. Cold weather had little effect to overall usage in 2020.

One of the biggest impacts to costs (besides an increase in purchases) include the Federal Carbon Charge, the government’s carbon pricing program, which applies to fossil fuels sold in Ontario. The charge increased as per its pre-determined schedule to 5.87 cents per m3 in April 2020, from 3.91 cents per m3.

Combined Consumption and Cost (Electricity & Natural Gas)

Collectively, the combined consumption of electricity and natural gas, converted to equivalent kilo-watt hours (ekWh), was 3% lower compared to 2019 and 14% lower when compared to base year. The combined costs were 1% lower than in 2019 and 3% higher than the base year.

Figure 6: 2020 Combined Electricity and Natural Gas Consumption (ekWh) and Costs¹

Total Combined Energy Overview				Comparisons	
	2005	2019	2020	2020 vs 2005	2020 vs 2019.
Total Energy (ekWh)	400,722,256	356,567,857	345,214,509	-14%	-3%
Total Energy Cost (\$)	\$27,177,303	\$28,375,511	\$28,124,739	3%	-1%
Total Energy (\$/ekWh)	\$0.068	\$0.080	\$0.081	20%	2%

When reviewing the results of the overall combined energy usage in ekWh, the impacts of lower electricity consumption are offset by the increases in natural gas consumption. Collectively, the total numbers result in a skewed view that the City was less impacted by facility closure and capacity reductions as a result of the pandemic. Most facility groups saw decreases in the combined electricity and natural gas. In the chart below, the combined consumption information is shown by facility grouping, which may be a better reflection of the 2020 results on the various facility and operational groups.

¹ Combined usage is electricity in kWh plus natural Gas in m³ (converted to ekWh).

Figure 7: 2020 Combined Electricity and Natural Gas Consumption by Facility Grouping (000's of ekWh)

	in 000's of ekWhs			Comparisons	
	2005	2019	2020	2020 vs 2005	2020 vs 2019
Total Energy Consumption					
City/Town Halls	13,775	8,899	7,528	-45%	-15%
Corporate Facilities	17,188	12,256	11,702	-32%	-5%
Street Lighting and Traffic Lighting	39,290	19,920	19,328	-51%	-3%
Other City Operations	5,618	6,355	4,866	-13%	-23%
Hamilton Water	121,040	126,788	145,802	20%	15%
Yards	39,589	27,869	25,517	-36%	-8%
Arenas	39,904	35,094	24,505	-39%	-30%
Community/Senior Centers	3,834	3,601	3,122	-19%	-13%
Rec Centres/Pools	26,789	30,073	27,230	2%	-9%
Tim Horton's Field	0	9,267	6,652	0%	-28%
Rec Parks/Stadiums/Golf	8,332	4,997	4,661	-44%	-7%
Lodges (Macassa, Wentworth)	24,938	15,774	14,756	-41%	-6%
Culture	5,383	5,278	3,368	-37%	-36%
Fire/ EMS	10,698	12,803	11,639	9%	-9%
Hamilton Public Libraries	9,343	11,726	10,654	14%	-9%
First Ontario Centre	10,122	9,214	8,654	-15%	-6%
First Ontario Concert Hall	5,466	4,571	3,735	-32%	-18%
Hamilton Convention Centre	4,656	3,780	3,175	-32%	-16%
Hamilton Police Services	14,757	8,303	8,323	-44%	0%
City Wide Total	400,722	356,568	345,215	-14%	-3%



Energy Intensity (City-Owned Sites)

Energy intensity is the measurement of usage in equivalent kilo-watt hours per square foot (ekWh/sqft). The forward targets outlined in the Corporate Energy & Sustainability Policy are a reduction in energy intensity of 45% by 2030 and 60% by 2050 as compared to the base year of 2005. The overall results for 2020 is a reduction in energy intensity of 35% when compared to the base year, and 14% lower than in 2019. The total cost per square foot has reduced by 16% when compared to base year and by 6% compared to 2019. There was little change to the square footage for 2020 when compared to 2019.

Figure 8: 2020 Energy Intensity Comparison (in ekWh per sqft)²

Energy Intensity	2005	2019	2020	Comparisons	
				2020 vs 2005	2020 vs 2019.
City Total (ekWh/sqft)	45.69	34.34	29.50	-35%	-14%
City Total (\$/sqft)	\$2.67	\$2.37	\$2.23	-16%	-6%
Reported Square Footage	5,138,852	5,926,831	5,940,090	16%	0%

Due to the irregularity of consumption patterns in 2020, the energy intensity results need to be viewed with some caution. Although consumption reductions are always a goal, and various policies are in place to support reductions in consumption, such as building temperature set points, reaction during peak days and installation of energy efficient equipment, the 2020 results were heavily impacted by the pandemic response to close buildings and/or limit capacity throughout 2020.

Operational sites, such as street lighting, traffic lighting and park lighting (without buildings) and Hamilton Water sites are not included in the calculation of energy intensity. This is important to note, because for intensity, the additional natural gas volume added for the biosolids production operation at Hamilton Water would not impact the energy intensity results.

In the following chart, the energy intensity results for specific groupings shows where the impacts were more greatly felt as compared to the base year (2005) and to 2019.

² Operational sites (street lighting, traffic lighting, park lighting and Hamilton Water) excluded from EI calculations.

Figure 9: 2020 Energy Intensity Comparison by Site Grouping

Energy Intensity	ekWh/sqft			2020 vs 2005	2020 vs 2019.
	2005	2019	2020		
City/Town Halls	39.6	24.9	21.0	-47%	-15%
Corporate Facilities	44.6	22.3	20.3	-55%	-9%
Street Lighting	n/a	n/a	n/a	n/a	n/a
Traffic Lighting	n/a	n/a	n/a	n/a	n/a
Other City Operations	n/a	n/a	n/a	n/a	n/a
Hamilton Water	n/a	n/a	n/a	n/a	n/a
Yards	38.1	28.7	26.3	-31%	-8%
Arenas	51.3	41.9	29.1	-43%	-30%
Community/Senior Centers	31.1	24.3	24.3	-22%	0%
Rec Centres/Pools	78.6	64.6	59.0	-25%	-9%
Tim Horton's Field	0.0	28.3	20.3	0%	-28%
Rec Parks/Stadiums/Golf	36.5	30.9	25.9	-29%	-16%
Lodges (Macassa, Wentworth)	113.6	45.4	42.5	-63%	-6%
Culture	35.5	33.3	25.6	-28%	-23%
Fire/ EMS	45.2	37.3	33.4	-26%	-10%
Hamilton Public Libraries	25.2	33.0	29.3	16%	-11%
First Ontario Centre	22.5	20.5	19.3	-15%	-6%
First Ontario Concert Hall	57.8	48.7	39.8	-31%	-18%
Hamilton Convention Centre	37.2	30.2	25.4	-32%	-16%
Hamilton Police Services	59.8	35.1	35.2	-41%	0%
City Wide Total	45.7	34.3	29.5	-35%	-14%

VEHICLE FUELS



The City reports on the corporate fleet vehicles which include various vehicle types: buses, waste collection vehicles, snow removal trucks, street sweepers, light weight departmental vehicles and Fire and EMS vehicles. The fuels used for these vehicles is diesel, unleaded gasoline and compressed natural gas (CNG). The performance of the fleet as it relates to its fuel usage is reported below.

Fuel Consumption and Cost

Fuel for the City's fleet of vehicles is purchased on wholesale markets. This allows for economies of scale around bulk purchasing. Most of the vehicles are fueled by diesel and unleaded gasoline. Transit continues to expand its fleet of CNG-fueled buses as direct replacements for diesel-fueled buses.

In 2020, the City used 7.6 million litres of diesel fuel, a 12% reduction from 2019. The City used 2.3 million litres of gasoline, a 3% decrease from 2019. The average per litre cost for both diesel and gasoline decreased by 16% and 13% respectively. Pricing in the early months of the pandemic saw average fuel prices for diesel and gasoline drop, likely as a response to lower demand and excess supply. However, prices did rebound nearing the end of 2020.

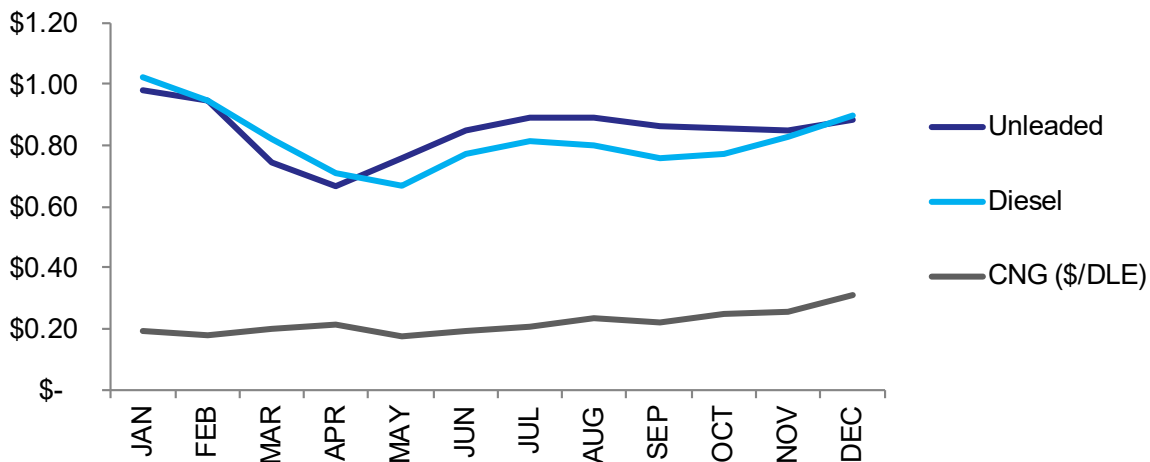
CNG usage decreased by 10% overall in 2020, with a total of 5.8 million diesel litre equivalent (DLE). The cost of CNG increased by 2% over 2019.

Figure 10: 2020 Fuel Consumption and Costs³

Fuel Type			
	Consumption Litres (DLE)	Cost	Average \$/L
Diesel	7,599,384	\$6,313,428	\$0.83
Unleaded Gasoline	2,292,783	\$1,977,370	\$0.86
CNG (DLE)	5,776,818	\$1,260,549	\$0.22
Total	15,668,985	\$9,551,347	\$0.61

Although fleet vehicles continued to be available for services throughout 2020, fuel usage overall was impacted by COVID-19, particularly during the early months of the pandemic. There were operational shifts (limited or delayed work) in several sections within Public Works that reduced fuel requirements. Transit schedules were modified reducing the number of vehicles or amounts of fueling required as the ridership needs were changed. Some departments would remain relatively stable, and by mid to late 2020, most crews and transit schedules were operating at a new “normal” level once health and safety measures were addressed.

Figure 11: Fuel Consumption and Costs 2020



CNG is a lower cost fuel for buses compared to diesel and gasoline, but they do operate at approximately 75% efficiency per DLE when compared to diesel fueled buses. However, despite a lower fuel efficiency, when converted to diesel equivalent dollars and adjusted for efficiency, Transit spent \$2.3 million less running their fleet of CNG buses than they would have only using diesel buses. In addition, the lower GHG emissions from using CNG fuel

³ Compressed natural gas converted from m³ to DLE.

versus diesel is of benefit to the City overall and positively impacts the City’s GHG emissions inventory.

Corporate Average Fuel Economy (CAFE)

One of the KPI measurement targets for fleet is to achieve an improvement in fuel consumption efficiency. That is, to reduce the amount of fuel consumed in diesel litre equivalent (DLE) per 100 kilometers of distance travelled. The long-term target is to reduce the CAFE by 20% by 2030 compared to the base year of 2012. The City’s goals are to improve and manage fleet efficiency by utilizing vehicles with clean drive technology, improving operator behaviors and abiding fit-for purpose vehicle principles and City idling bylaws. As of 2020, there is a 1% increase compared to the base year and a 3% increase over 2019.

Figure 12: Corporate Average Fuel Economy 2020 Comparison

Diesel Litre Equivalent (DLE) per 100 KM	BASE (2012)	Revised 2019 ⁴	2020
Unleaded Gasoline	20.7	21.8	21.5
Diesel	54.5	48.9	54.6
CNG	66.2	69.6	67.0
Total	46.2	45.2	46.7
% Change in DLE/100 KM Base Year		-2%	1%
% Change in DLE/100 KM Year to Year			3%

Data provided for the purpose of reporting on fuel analytics, such as mileage and usage for CAFE is collected by Fleet. With fueling stations throughout the City, managing the data continues to be an identified area of concern. Staff take extra time with the existing system to ensure the results are accurately interpreted. Ongoing review of available enhanced data collection systems occur. For the 2020 reporting period, a vetting process was performed to verify equipment being used in the CAFE calculation. This resulted in exclusion of some equipment (i.e. Tractors, mowers). While the equipment may consume fuels, there is no odometer readings tracked. The same process was applied to the 2019 data and the revised data was provided.

⁴ Revisions made to the 2019 calculations correct overall results from 41.6 DLE/100 KM stated in the 2019 Annual Report.

ENERGY CONSERVATION

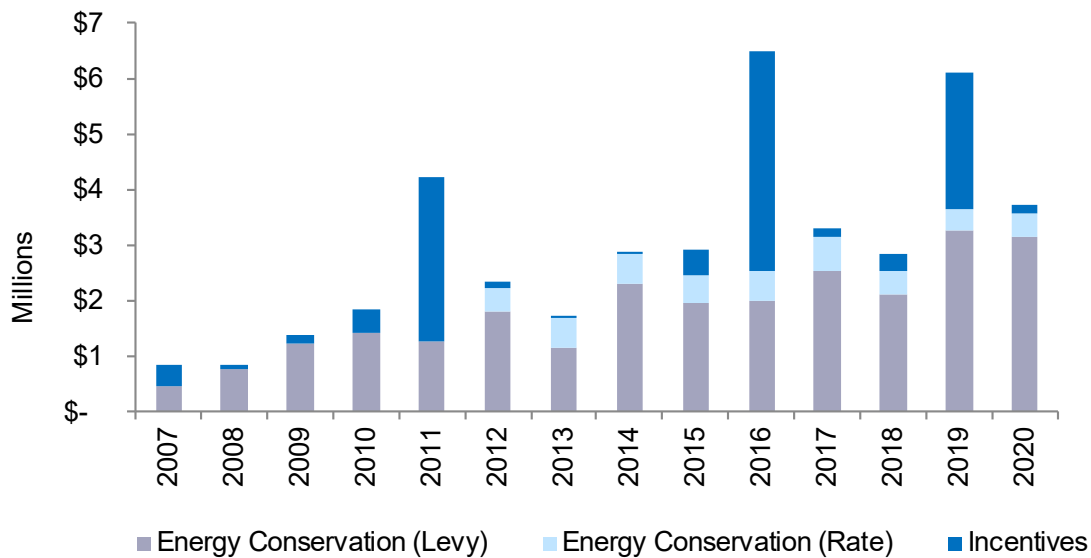
Project activities focused on energy reductions, and GHG reductions can assist in the City's long-term goal to become a sustainable and net-zero city.

One of the strategies the City uses to reduce energy and improve energy intensity is focusing attention on efficiency and conservation-based projects. Upgrades to existing corporate buildings by installing energy efficient lighting and equipment or utilizing new technologies can help to improve operational efficiencies, cost effectiveness and help meet corporate targets for energy intensity and GHG reductions.

The City's project teams work closely with consultants, engineers, utility personnel and industry experts to retrofit existing buildings, construct new buildings, and upgrade equipment and processes. In addition, securing funding and incentives for efficiency and GHG-reducing projects and the post project monitoring and verification of savings is an important process for reporting and tracking the efforts.

The City tracks the energy savings achieved from projects once they are complete. Although project activity in 2020 may have had some unexpected delays, the 2020 contribution from all annual project savings was \$3.6M. There was \$160,100 in incentives received in 2020. Cumulatively, a total result is \$41.1M since 2005 for projects and incentives.

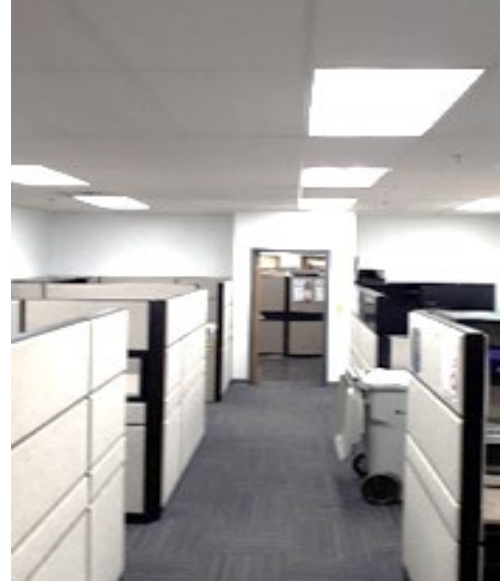
Figure 13: Annual Project Savings (Rate & Levy) and Incentives



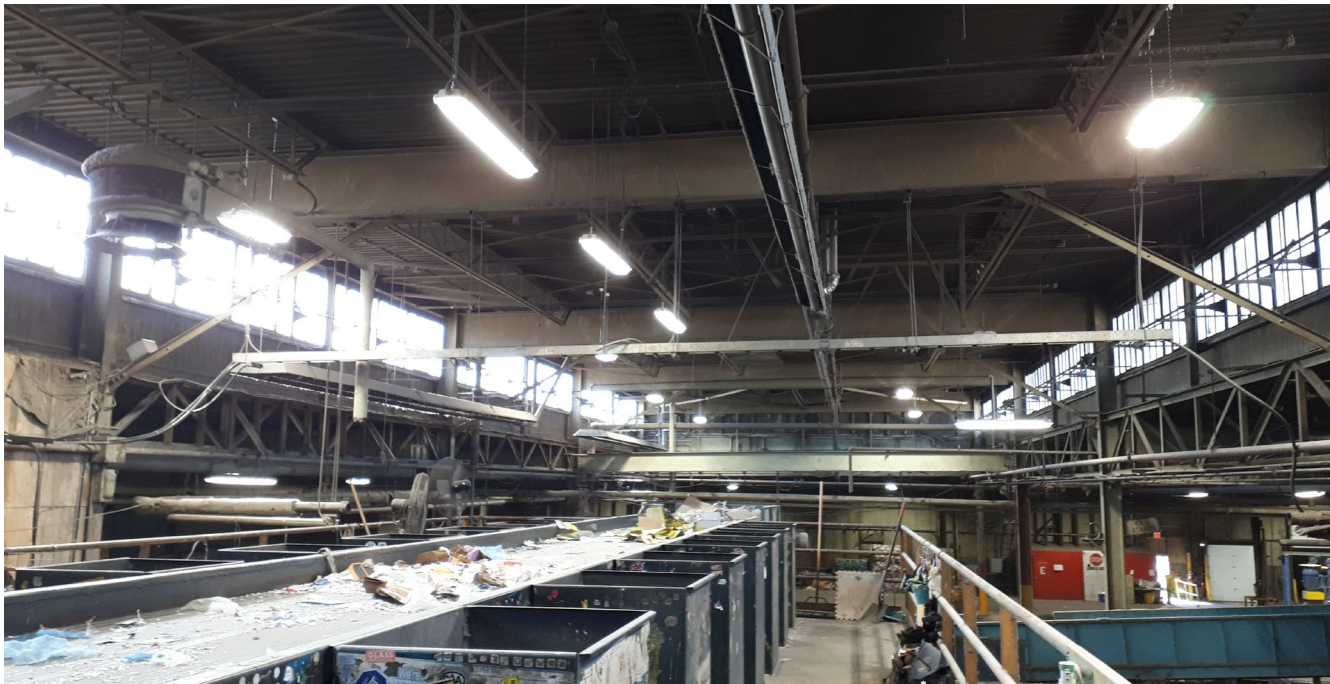
Some highlights on projects completed in 2020 are:

Wentworth Street Ops – LED Lighting Upgrade

- Retrofit of indoor light fixtures (Office space) to energy efficient LED technology;
- Benefits include improved lighting conditions, reductions in energy use and GHG emissions and a reduction in lamp maintenance costs.
- Verified annual energy savings of 36,309 kWh resulting in an estimated annual operational savings of \$5,083;
- \$3,708 in incentives from the IESO SaveOnEnergy program.



Material Recycling Facility - LED lighting Upgrade Project



- Installation of new LED lighting & controls in the material shipping/receiving, sorting, and storage areas, offices areas, change rooms, parking lot and building exterior.
- Benefits include: much improved lighting conditions, health & safety improvements, a reduction in electrical consumption and GHG emissions & reduced maintenance costs.
- Annual Energy savings are estimated at 281,362 kWh, with annual operational savings estimated at \$39,400.
- IESO SaveOnEnergy incentives estimated at \$27,775.

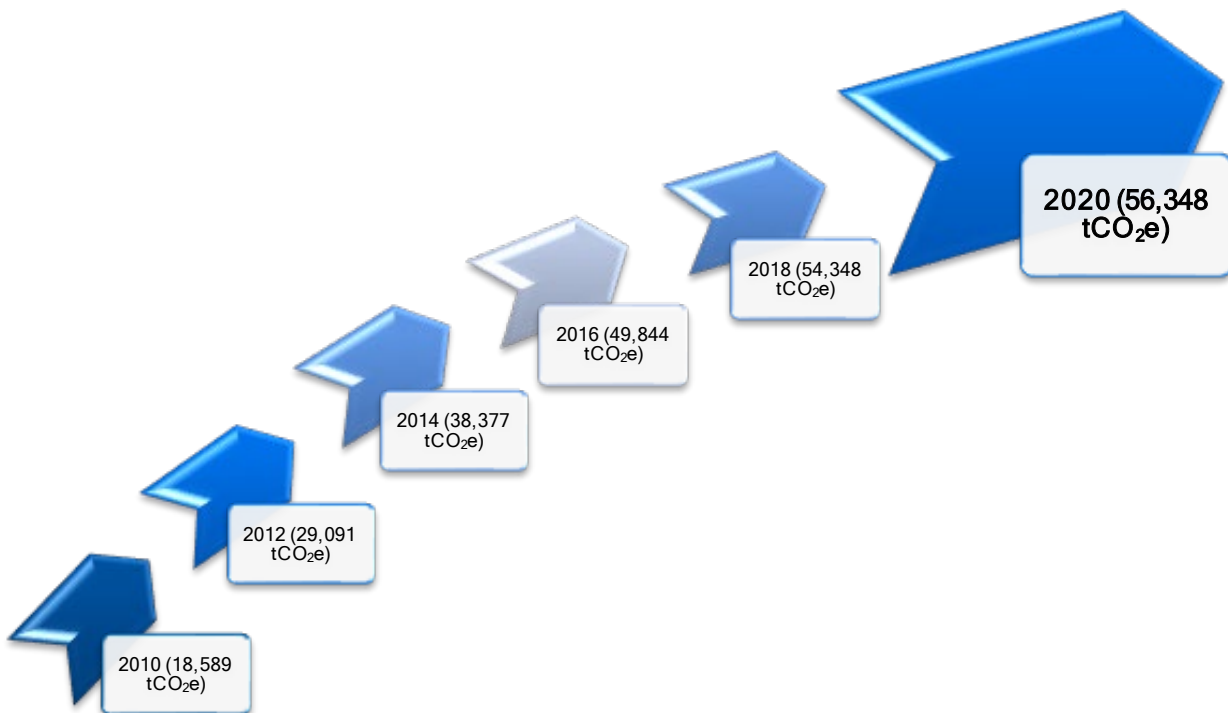
Development of future projects and efficiency upgrade opportunities is an ongoing task.

Looking forward, some energy-related projects in 2021 include:

- Wentworth Lodge – HVAC and BAS Upgrades
- Central Public Library and Library Branches LED Lighting Retrofit
- Central Public Library’s IT Room Data Center Environmental Control Units (ECUs) Replacement
- Hamilton City Hall LED Lighting Retrofit
- BAS Controllers Upgrade at Macassa Lodge
- Air circulation and Perimeter Heating Upgrade at Wentworth Lodge
- Westmount DHW Solar Thermal & Controls.
- Arenas - Ice Plant Controls.
- Various Recreation Facilities – LED Lighting Retrofit.
- Stoney Creek Rec Centre – Heat Reclaim & Controls Project

With the global attention on climate change, greener public buildings are an expectation by staff and communities and will help move Hamilton toward meeting its strategic and corporate goals. Efficiency projects that reduce energy use also have the added benefit of reducing greenhouse gas (GHG) emissions that would have otherwise been emitted into the atmosphere. The GHG savings from projects in 2020 was 1072 tonnes (t) of CO₂e, for a cumulative GHG reduction of 56,348 tCO₂e.

Figure 14: Cumulative GHG Savings from Project Activities



RENEWABLE ENERGY



Existing renewable generation operations for the City are managed through Hamilton Renewable Power Inc. (HRPI). HRPI owns and operates three 1.6 MW biogas fueled systems. Two of the units are located at the Glanbrook landfill site. The third unit, a cogeneration site, producing electricity and heat, is located at the Hamilton Water site at Woodward Avenue.

The three units use raw biogas as a renewable fuel sources to produce electricity for the power grid through a long-term contract with the province. Using renewable fuel contributes to a more efficient and sustainable process, and further offsets GHG emissions. The systems produce 28,000,000 kWh of renewable energy annually, with a reduction of 100,000 tonnes CO_{2e}. In 2020 the net benefit from all HRPI operations was approximately \$1.2 million, with a cumulative total of \$19.9 million from 2006.

Renewable natural gas is also produced at Woodward Avenue using a Biogas Purification Unit (BPU). The BPU captures excess methane gas from the anaerobic digestion process of the waste water process. The raw biogas is purified, treated and conditioned to yield the utility grade renewable natural gas that can be injected into Enbridge Gas distribution system.

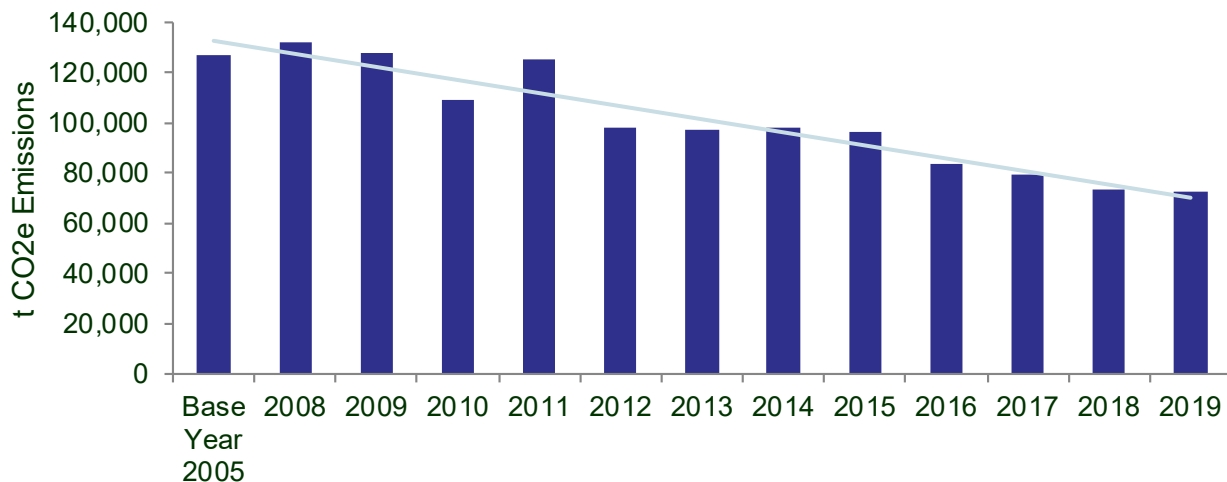


2019 CORPORATE GREENHOUSE GAS (GHG) EMISSIONS INVENTORY

GHG emissions related to corporate operations have been inventoried and reported annually since the adoption of the Corporate Air Quality and Climate Change Strategic Plan (PED06336(a)) in 2008 and the Board of Health Climate Change Actions 2012 report (BOH13024). The original targets set were for a 20% reduction by 2020 and an 80% reduction in GHG emissions by 2050 from the base year 2005. With the update to the Corporate Energy and Sustainability Policy, the long-term target was updated to net zero emissions by 2050 when compared to the base year 2005.

Reporting data for the GHG emissions inventory is one year behind the annual energy report. Therefore, the data presented here is for the 2019 calendar year, and therefore was not impacted by any usage reductions due to pandemic-related building closures, fleet reductions, or operational changes. In 2019, the GHG emissions inventory was 72,223 tonnes of CO₂e (carbon dioxide equivalent). This represents a 43% reduction from the base year and 2% reduction from 2018. The inventory does not include HRPI operations.

Figure 15: City of Hamilton Corporate GHG Emissions Annual Trends

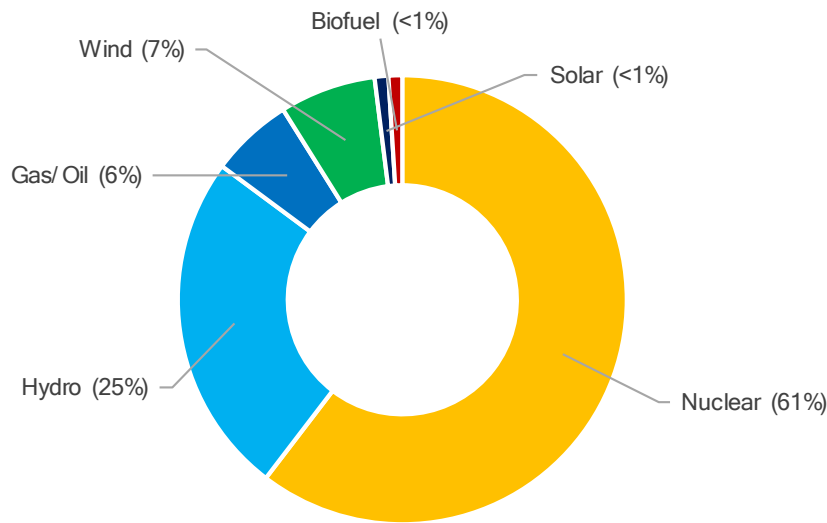


Since 2005, the inventoried emissions have been on a downward trend. Several factors have contributed to the downward trend, most notably the removal of coal-fired generation as a component of the electrical generation supply mix. The Ontario electricity emission factor, which is the measurement of the CO₂e intensity of the electricity generation, has had a significant impact on GHGs. As the Ontario electricity supply mix moves towards increasing

its cleaner power sources, the lower the City’s use of electricity impacts the emissions inventory.

The diagram below shows the energy output by fuel type for 2019. This is reported by the Independent Electricity System Operator (IESO) for transmission – connected generation. It does not include embedded generation. The mix can vary annually as it depends on what fuel sources have been dispatched throughout the year. Provincial emissions factors are impacted by the generation mix.

Figure 16: 2019 Ontario Energy Output by Fuel Type⁵

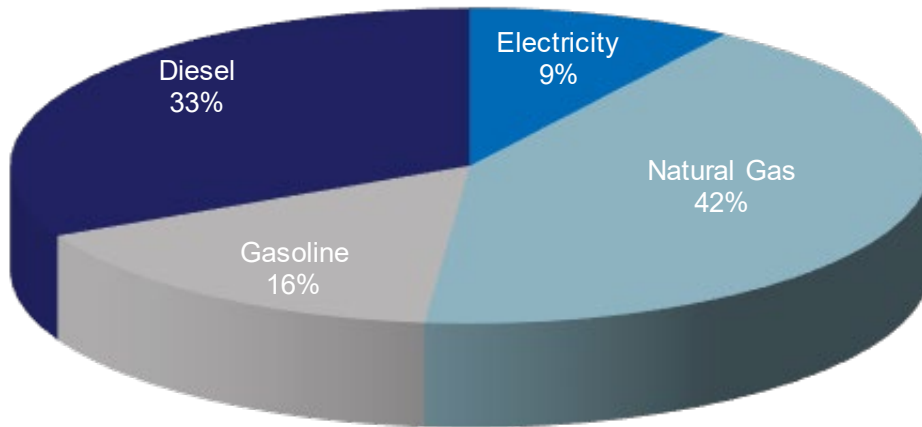


In addition to electricity emission factors, other impacts to the City’s inventory include completion of energy efficiency projects, reductions in usage from operational improvements and fuel switching, such as Transit’s ongoing conversion from diesel buses to CNG-powered buses. Future developments around this area, particularly electric-power transportation for City’s fleet and transit vehicles should significantly impact GHG emissions for the City.

Corporately, the generation mix for the City’s inventoried emissions is as follows: electricity, natural gas, diesel and gasoline. Ideally, renewable energy sources can be used to offset the higher emissions fuel sources such as diesel, gasoline and natural gas.

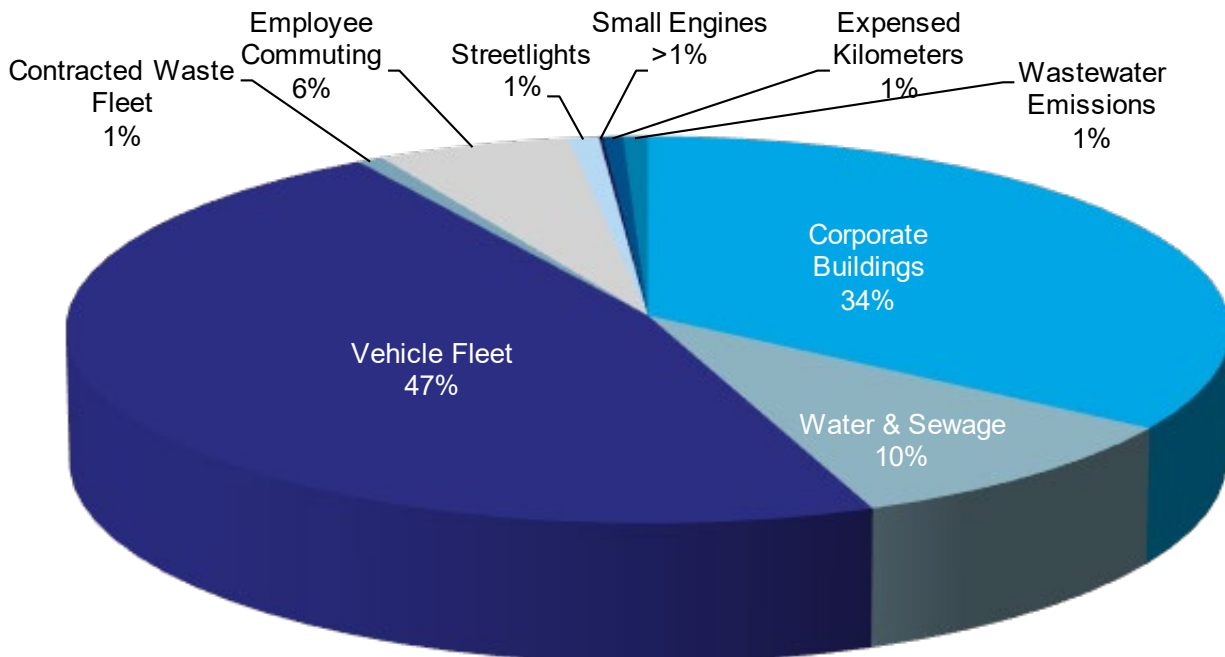
⁵ Source Data: Transmission-Connected Generation 2019 Output – (www.IESO.ca)

Figure 17: 2019 Percentage of tCO₂e Emissions by Fuel Source



The breakdown of the corporate emissions inventory for the City by sector is shown in the chart below. These include emissions from buildings, vehicles, activities and processes.

Figure 18: 2019 Percent Tonnes CO₂e of Total by Sector



Of the reported sectors the largest emitter is Vehicle Fleet. In 2019, it accounted for 47% (33,932 tCO₂e) of the total CO₂e emissions. The emissions for vehicles are calculated from diesel, gasoline and natural gas usage. This is approximately 6% less than the base year of

2005. The composition of fleet vehicles and fuel sources of vehicles have varied over the years. The number of fleet vehicles has increased. Many transit buses have been switched from diesel to compressed natural gas (CNG) which has lower emissions than diesel. In addition, year over year usage can be impacted by weather conditions. An example would be the varying demand for large winter-related vehicles (snow-removal, salters and sanders).

Corporate Buildings are the next largest emitters, with 34% (24,904 tCO₂e) of the total emissions for 2019. This amounts to 47% less than the base year. For facilities, a large part of the reduction can be attributed to efficiency projects including LED lighting installations, other equipment upgrades and operational changes. However, the electricity co-efficient changes and the inventory of corporate buildings year over year is also a contributing factor. The number of buildings can increase or decrease year over year as assets are acquired or removed and can have broader changes in usage and GHG emissions due to large scale renovation projects and program or operational changes. Unlike the measurement for intensity, the inventory includes full and part year data for corporate sites as applicable.

Water and Sewage, which includes the Woodward Water and Wastewater plant, pump stations, wells and reservoirs throughout the City make up the third largest emission sector (6,970 t CO₂e), with 10% of the total inventory for 2019. It is a 72% decrease from the base year. Process efficiencies have had a large impact on this reduction. The Water and Sewage sector is the largest user of electricity in the City.

Although GHG reductions has been a focus area for some time, it has largely been a result of energy usage reduction. However, a greater emphasis has been placed on addressing climate change and resiliency within the City, specifically as a response to the climate change emergency declared by Council in 2019. Investments in renewable energy and/or carbon offset plans, retrofit projects that reduce both usage and emissions, greener vehicles and fleet policies, concentrated operational plans and behavioral changes will be necessary to achieve the long-range targets established in the Corporate Energy & Sustainability Policy of net-zero emissions by 2050.

FINAL COMMENTS

2020 had many challenges. Working during a global pandemic is a daunting and unfamiliar task. With continual changes to health and safety guidelines in our facilities, our community and the province, most of 2020 could be classified as reactionary.

Most impressive though, is the adaptability of this City. Although staff were required to pivot away from pre-planned initiatives in order to meet the needs of staff and the community during a global crisis, the ability to continue to provide high quality public services is admirable. Many staff were re-deployed to handle directly, the impacts of COVID-19 on health safety within the community as well enhanced security and cleaning measures in our facilities.

In terms of energy usage and targets, it is difficult to quantify the impacts of COVID-19, because buildings and vehicles continued to require heating, cooling and fuel. Overall, there were reductions in usage and in costs, but some buildings or divisions were impacted more than others, as conditions evolved throughout the year. So, it is important to recognize the atypical experience in 2020.

Despite its challenges, there were still success in 2020. The Corporate Energy and Sustainability Policy was revised, and new targets were adopted. Activities around rate optimization and billing recovery continued to mitigate overall utility costs. There were efficiency projects completed and development around projects for implementation in 2021.

As we look forward, it is important to note that energy efficiency, sustainability and resiliency remains at the forefront of future development for both Corporate assets and the broader community. Across the departments, across the City, actionable plans are continuing to be put in place. Hamilton has a long-term goal to become a net-zero city by 2050. We are making progress, but we must remain focused on making sound decisions around this goal. Implementing new technology, investing in renewable energy and carbon-reducing/carbon-neutral projects and prioritizing climate action is imperative. Reporting annually on the data is intended to keep us on track and identify focus areas.

APPENDIX A

This appendix provides additional information, charts and graphs for more specific details on KPI results and impacts to various KPIs for 2020 as presented in the report.

Energy Strategies and Programs KPIs

Figure A-1: Cumulative Results of Energy Programs and Strategies KPIs (2006-2020)

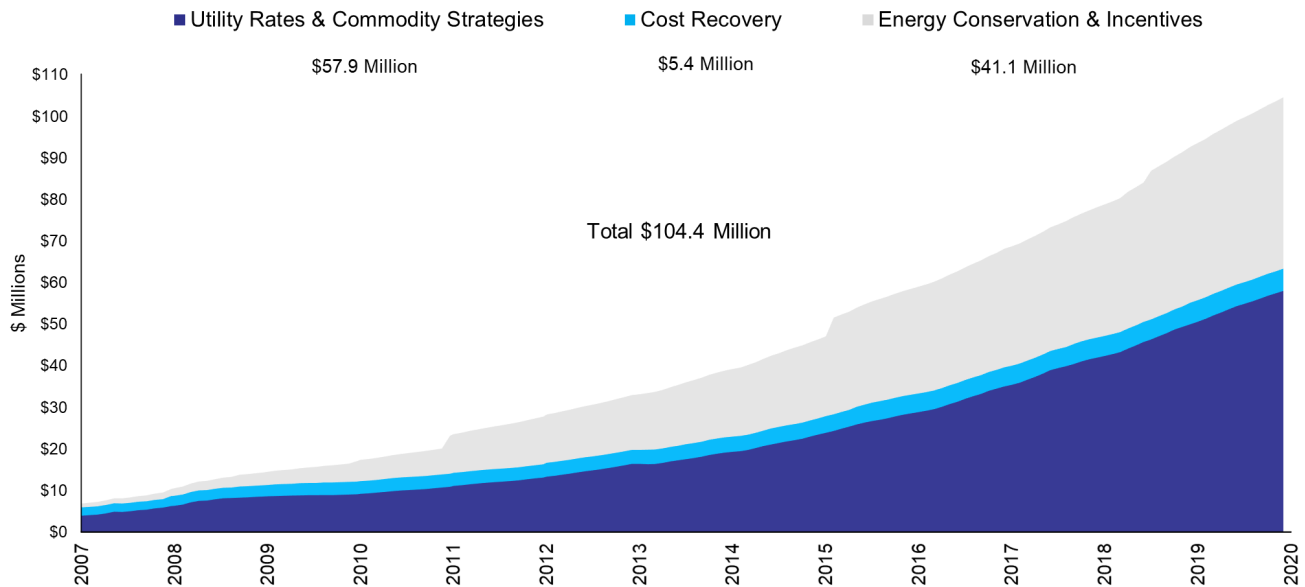


Figure A-2: Three Year Comparison of Energy Programs and Strategies

Category	Past 3 Years			2006-2020 Cumulative
	2018	2019	2020	
Levy RPP/Interval Change	\$ -	\$ -	\$ -	\$ 2,886,651
Rate RPP/Interval Change	\$ -	\$ -	\$ -	\$ 2,873,163
Levy Global Adjustment	\$ 1,953,610	\$ 1,310,581	\$ 1,687,244	\$ 10,089,899
Rate Global Adjustment	\$ 4,450,962	\$ 5,937,456	\$ 5,709,856	\$ 33,049,387
Levy Natural Gas	\$ 465,571	\$ 693,429	\$ 489,742	\$ 7,674,624
Rate Natural Gas	\$ 64,126	\$ 77,155	\$ 134,580	\$ 1,342,831
Energy Conservation Levy	\$ 2,101,419	\$ 3,246,246	\$ 3,154,851	\$ 25,083,055
Energy Conservation Rate	\$ 410,732	\$ 410,732	\$ 410,732	\$ 4,328,156
Incentives	\$ 323,354	\$ 2,447,863	\$ 160,138	\$ 11,747,541
Cash Recovery Levy	\$ 220,046	\$ 358,928	\$ 173,608	\$ 5,116,612
Cash Recovery Rate	\$ -	\$ -	\$ -	\$ 235,375
Totals	\$ 9,989,820	\$ 14,482,390	\$ 11,920,752	\$ 104,427,294

Overall Costs, Consumption and Performance - Electricity and Natural Gas

Figure A-3: Total Annual Consumption Electricity & Natural Gas (Facilities)

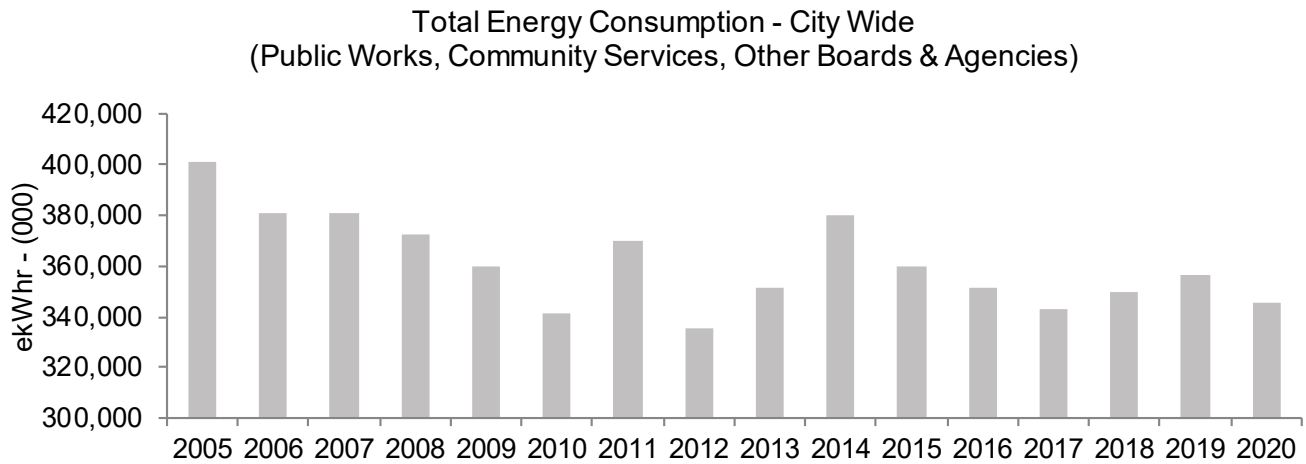


Figure A-4: Electricity Consumption Comparison by Portfolio Category

Electricity Consumption	in 000's of kWhs		
	2005	2019	2020
City/Town Halls	4,736	4,247	3,461
Corporate Facilities	4,669	5,882	5,156
Street Lighting	33,603	17,808	17,757
Traffic Lighting	5,688	2,112	1,571
Other O&M	5,248	6,003	4,396
Hamilton Water	106,561	105,871	102,880
Yards	11,982	8,846	8,459
Arenas	17,834	14,316	10,633
Community/Senior Centers	1,258	1,157	933
Rec Centres/Pools	4,124	8,057	6,800
Tim Hortons Field		5,465	3,587
Rec Parks/Stadiums/Golf	3,885	2,231	2,007
Lodges	4,673	4,970	5,089
Culture	2,254	2,054	1,546
Fire/ EMS	3,766	4,777	4,550
Libraries	7,314	8,682	7,634
First Ontario Centre	6,578	5,548	5,113
First Ontario Concert Hall	3,552	2,421	1,686
Hamilton Convention Centre	3,026	1,954	1,445
Police	5,613	4,530	4,434
Total Electrical Consumption	236,362	216,930	199,136

Figure A-5: Natural Gas Consumption by Portfolio Category

Natural Gas	in 000's of M3s		
Consumption	2005	2019	2020
City/Town Halls	847	449	393
Corporate Facilities	1,173	615	632
Street Lighting	0	0	0
Traffic Lighting	0	0	0
Other O&M	35	34	45
Hamilton Water	1,357	2,019	4,143
Yards	2,587	1,836	1,647
Arenas	2,068	2,006	1,339
Community/Senior Centers	241	236	211
Rec Centres/ Pools	2,124	2,125	1,972
Tim Hortons Field		367	296
Rec Parks/Stadiums/Golf	417	267	256
Lodges	1,899	1,043	933
Culture	293	311	176
Fire/ EMS	650	775	684
Libraries	190	294	291
First Ontario Centre	332	354	342
First Ontario Concert Hall	179	208	198
Hamilton Convention Centre	153	176	167
Police	857	364	375
Total NG Consumption	15,404	13,479	14,100

Figure A-6: Total Consumption Comparison by Portfolio Category

Total Energy Consumption	in 000's of ekWhs			Comparisons	
	2005	2019	2020	2020 vs 2005	2020 vs 2019
City/Town Halls	13,775	8,899	7,528	-45%	-15%
Corporate Facilities	17,188	12,256	11,702	-32%	-5%
Street Lighting	33,602	17,808	17,757	-47%	0%
Traffic Lighting	5,688	2,112	1,571	-72%	-26%
Other City Operations	5,618	6,355	4,866	-13%	-23%
Hamilton Water	121,040	126,788	145,802	20%	15%
Yards	39,589	27,869	25,517	-36%	-8%
Arenas	39,904	35,094	24,505	-39%	-30%
Community/Senior Centers	3,834	3,601	3,122	-19%	-13%
Rec Centres/Pools	26,789	30,073	27,230	2%	-9%
Tim Horton's Field	0	9,267	6,652	0%	-28%
Rec Parks/Stadiums/Golf	8,332	4,997	4,661	-44%	-7%
Lodges (Macassa, Wentworth)	24,938	15,774	14,756	-41%	-6%
Culture	5,383	5,278	3,368	-37%	-36%
Fire/ EMS	10,698	12,803	11,639	9%	-9%
Hamilton Public Libraries	9,343	11,726	10,654	14%	-9%
First Ontario Centre	10,122	9,214	8,654	-15%	-6%
First Ontario Concert Hall	5,466	4,571	3,735	-32%	-18%
Hamilton Convention Centre	4,656	3,780	3,175	-32%	-16%
Hamilton Police Services	14,757	8,303	8,323	-44%	0%
City Wide Total	400,722	356,568	345,215	-14%	-3%

Figure A-7: Total Annual Reported Costs Electricity & Natural Gas (Facilities)

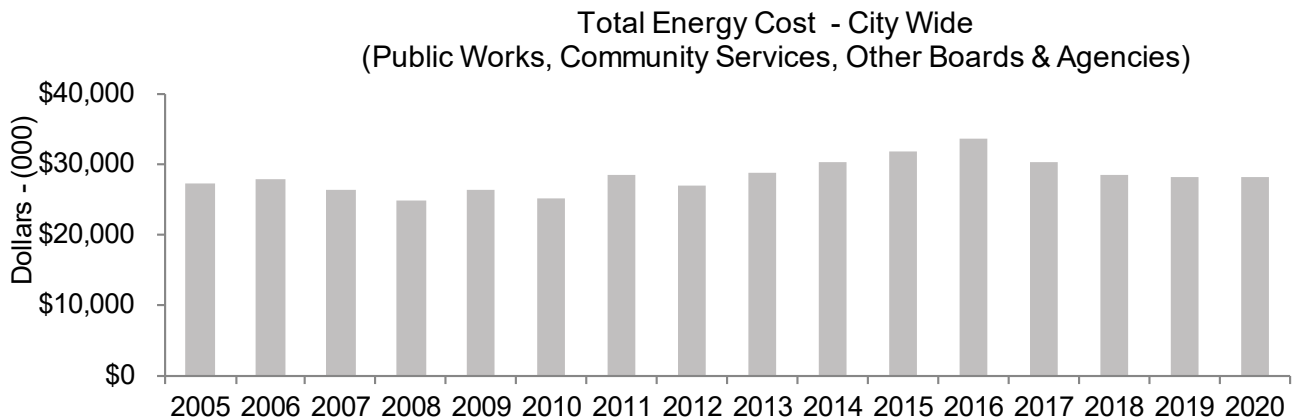
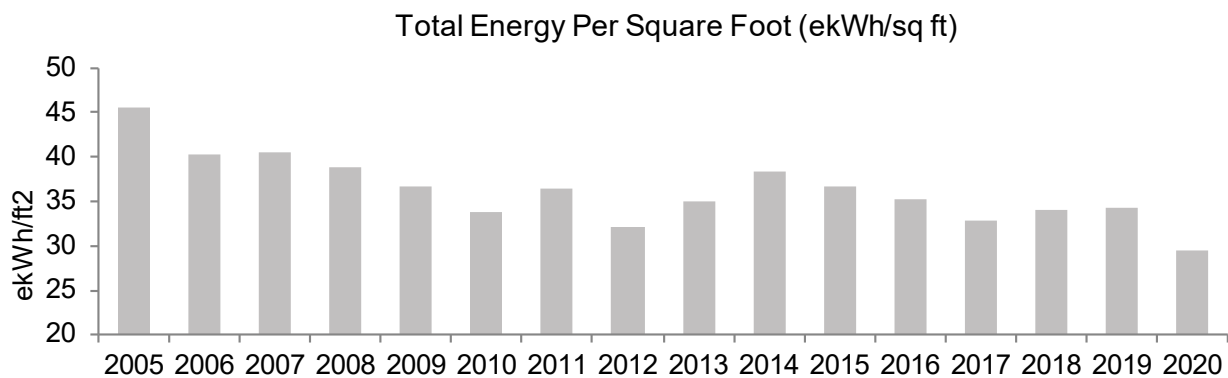


Figure A-8: Total Reported Cost Comparison by Portfolio Category

Total Energy-\$ Cost	in 000's of \$			Comparisons	
	2005	2019	2020	2020 vs 2005	2020 vs 2019
City/Town Halls	\$860	\$700	\$673	-22%	-4%
Corporate Facilities	\$866	\$980	\$940	8%	-4%
Street Lighting	\$2,895	\$3,510	\$3,504	21%	0%
Traffic Lighting	\$462	\$299	\$222	-52%	-25%
Other City Operations	\$534	\$802	\$628	18%	-22%
Hamilton Water	\$9,590	\$9,739	\$10,507	10%	8%
Yards	\$2,205	\$1,658	\$1,635	-26%	-1%
Arenas	\$2,455	\$2,682	\$2,098	-15%	-22%
Community/Senior Centers	\$224	\$241	\$212	-5%	-12%
Rec Centres/Pools	\$1,192	\$1,657	\$1,555	30%	-6%
Tim Horton's Field	\$0	\$712	\$686	0%	-4%
Rec Parks/Stadiums/Golf	\$564	\$407	\$374	-34%	-8%
Lodges (Macassa, Wentworth)	\$1,087	\$700	\$756	-30%	8%
Culture	\$338	\$268	\$218	-35%	-19%
Fire/ EMS	\$614	\$798	\$795	30%	0%
Hamilton Public Libraries	\$827	\$856	\$920	11%	8%
First Ontario Centre	\$840	\$1,087	\$1,116	33%	3%
First Ontario Concert Hall	\$454	\$296	\$285	-37%	-4%
Hamilton Convention Centre	\$387	\$257	\$254	-34%	-1%
Hamilton Police Services	\$783	\$727	\$746	-5%	3%
City Wide Total	\$27,177	\$28,376	\$28,125	3%	-1%

Figure A-9: Total Annual Energy Intensity City-wide (ekWh/sqft)



The following series of graphs represent the energy intensity results per site for 2020 within the specific portfolio categories. Sites that did not have square footage were removed but

were included in the overall consumption and costs data sets. Sites were only included if there were full data sets for the year. There is no energy intensity data for Hamilton Water and Operational (O&M) sites. Also note that the energy intensity axis value may be adjusted depending on grouping. As indicated in the body of the report, energy intensity results for 2020 could be considered anomalous due to the reductions in consumption due to operational reactions to COVID-19.

Figure A-10: 2020 Energy Intensity Corporate Facilities

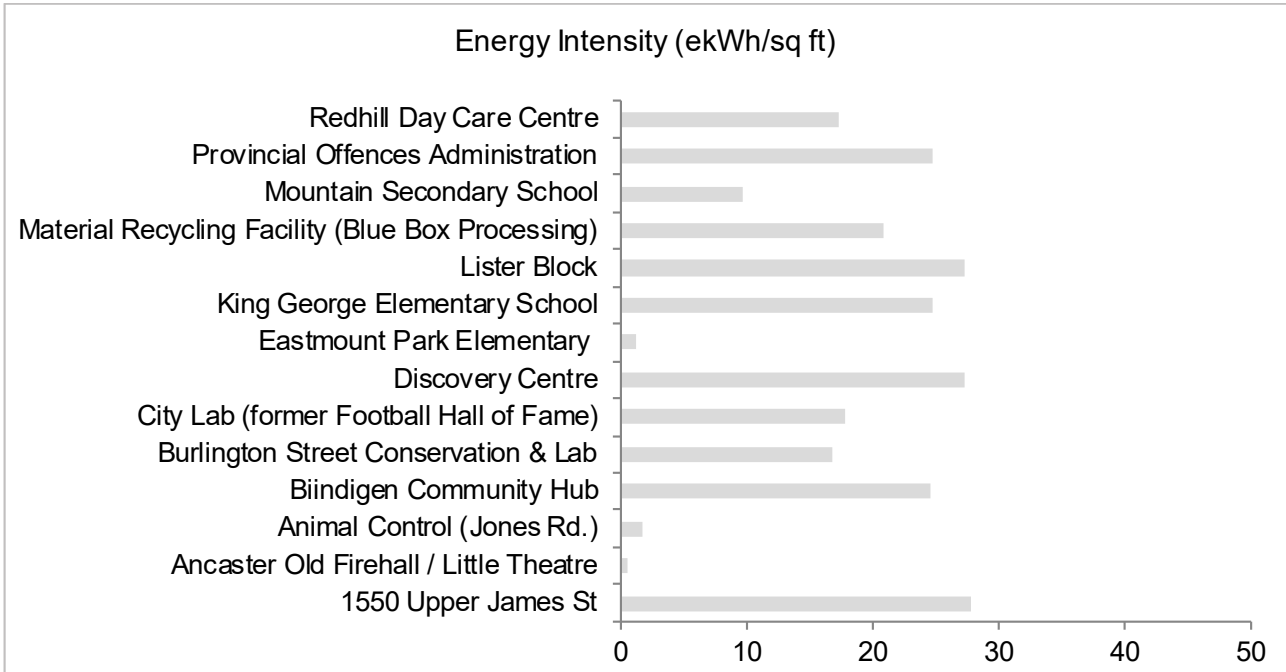


Figure A-11: 2020 Energy Intensity City & Town Hall Facilities

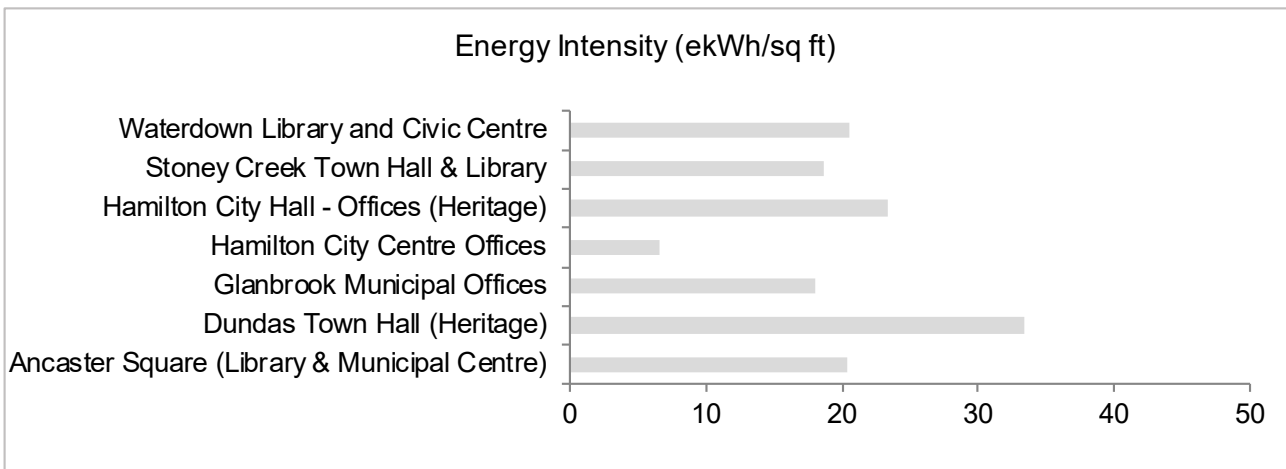
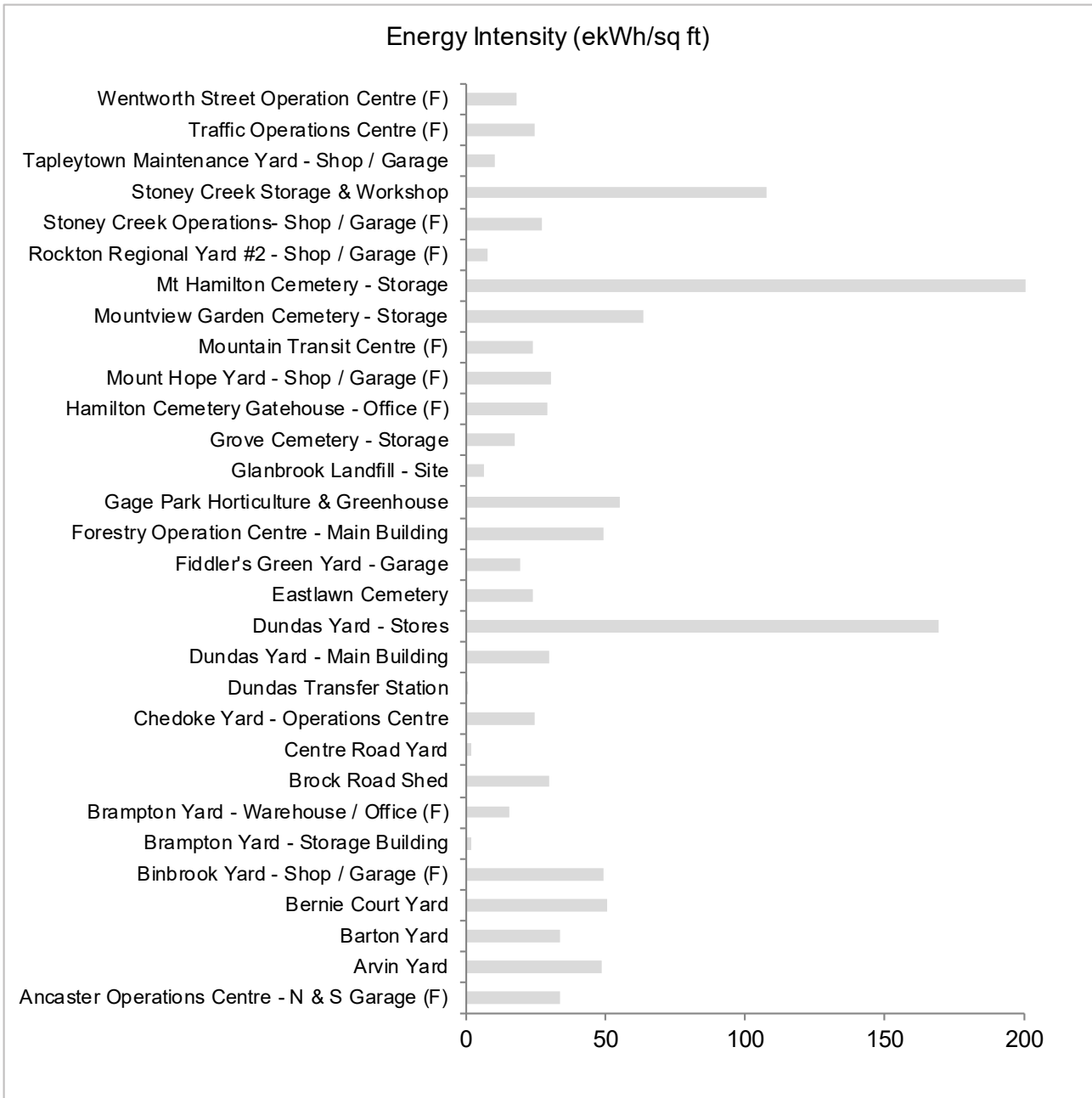


Figure A-12: 2020 Energy Intensity Yards Facilities⁶



⁶ (F) = Fueling site located on the yard premise.

Figure A-13: 2020 Energy Intensity Community Centre Facilities

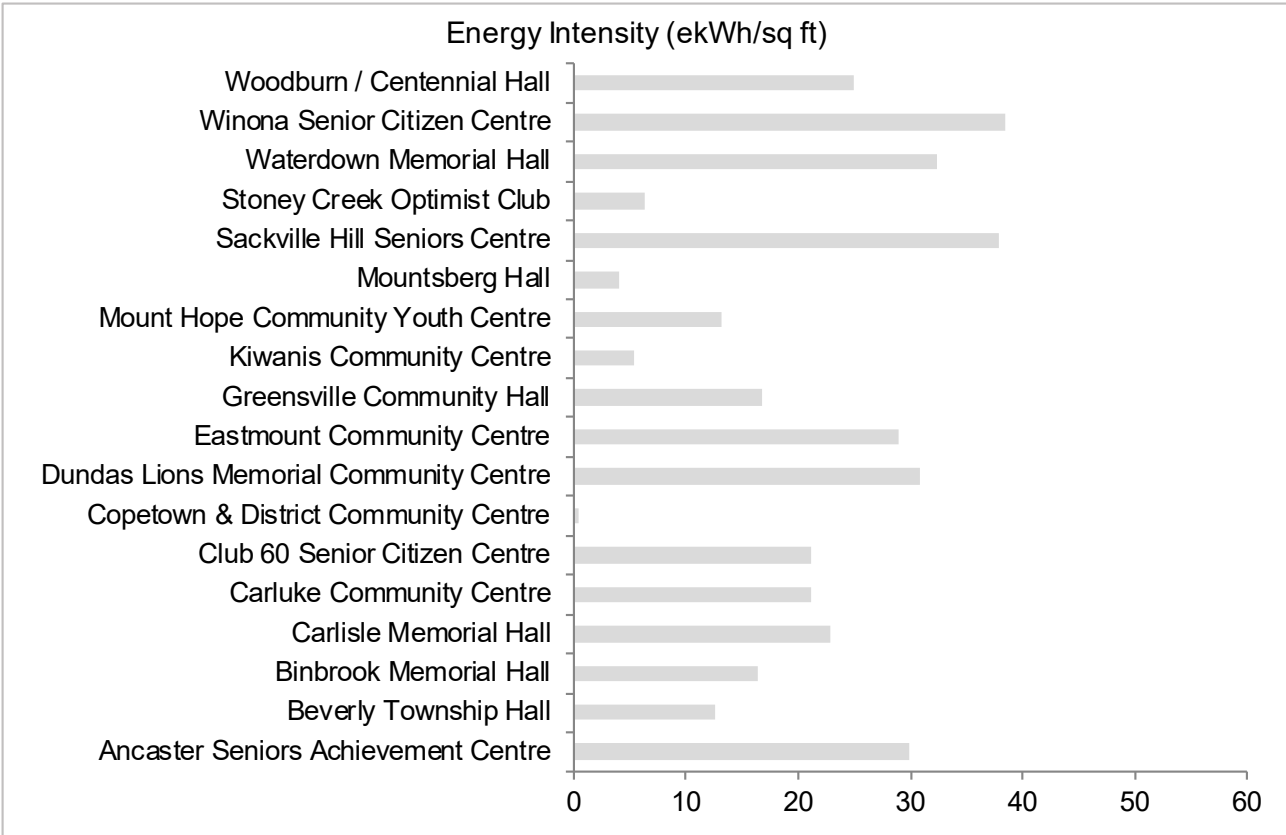


Figure A-14: 2020 Energy Intensity Culture and Museum Facilities

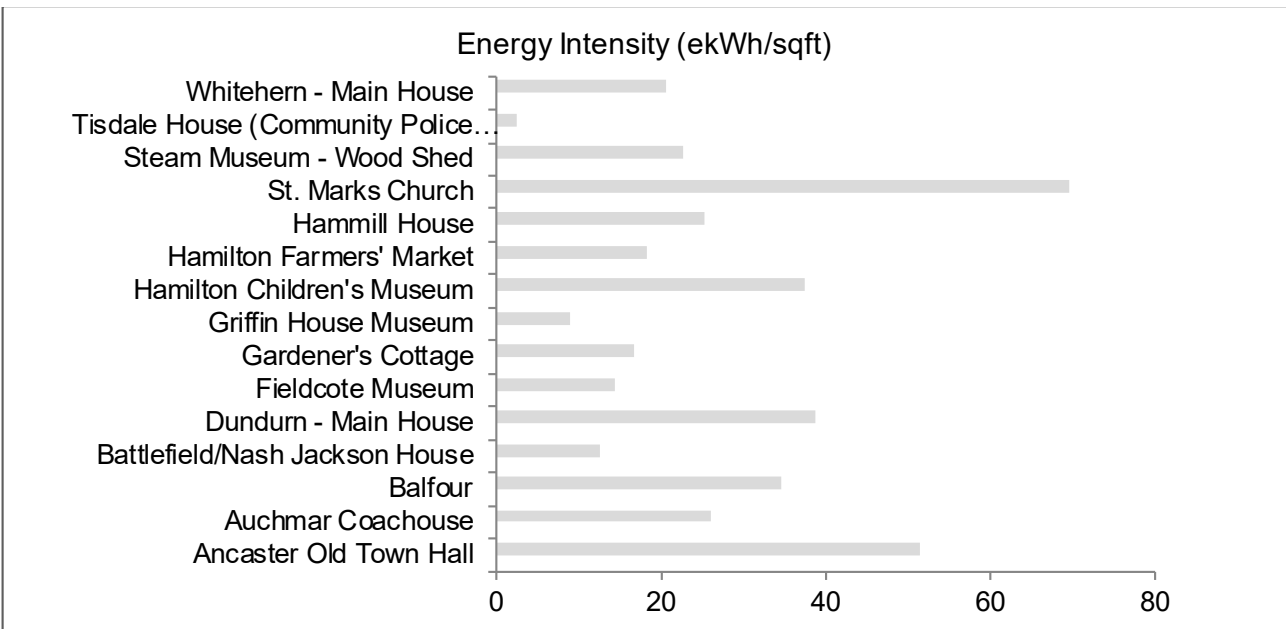
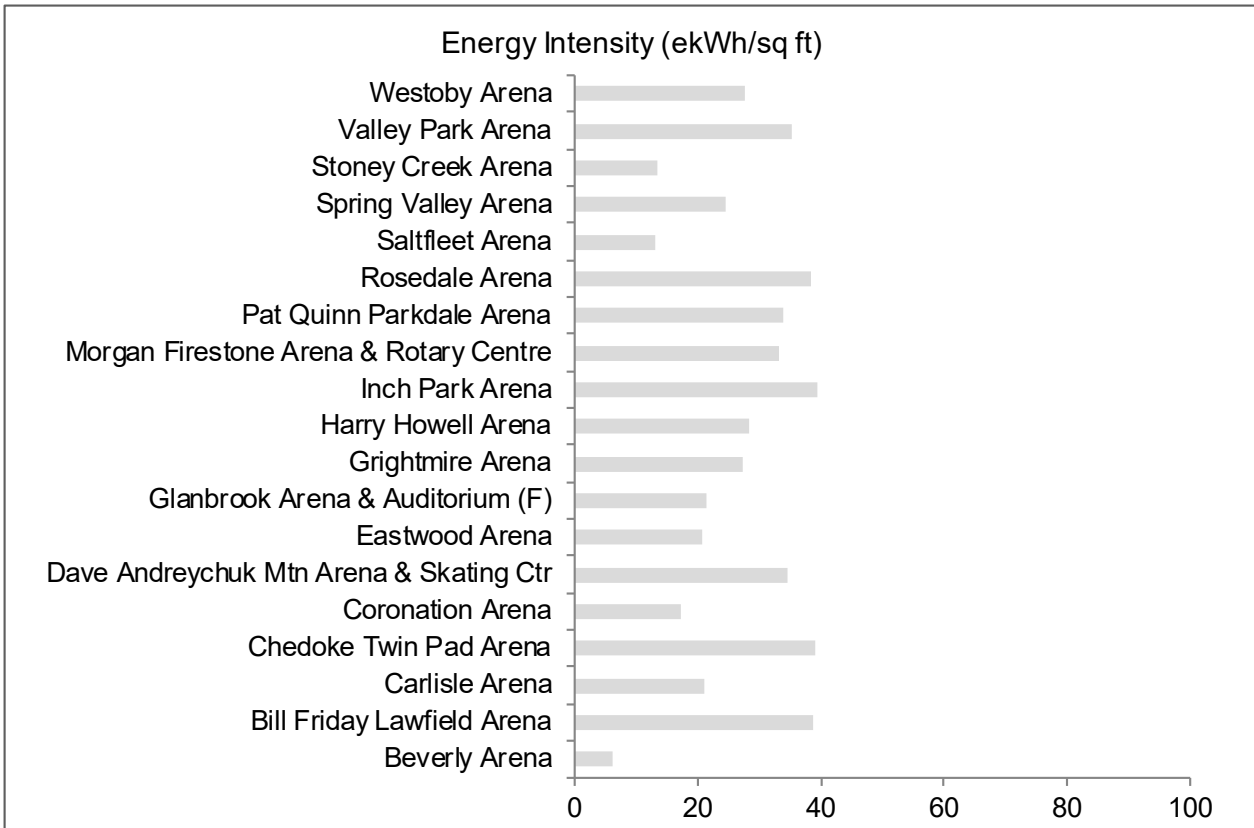


Figure A-15: 2020 Energy Intensity Arena Facilities⁷



⁷ Valley Park Arena normally includes usage and area from arena, aquatic centre and community centre sections of the building. Only included Arena square footage here for 2020 as other portions were under construction.

Figure A-16: 2020 Energy Intensity Recreation Centres and Pool Facilities⁸

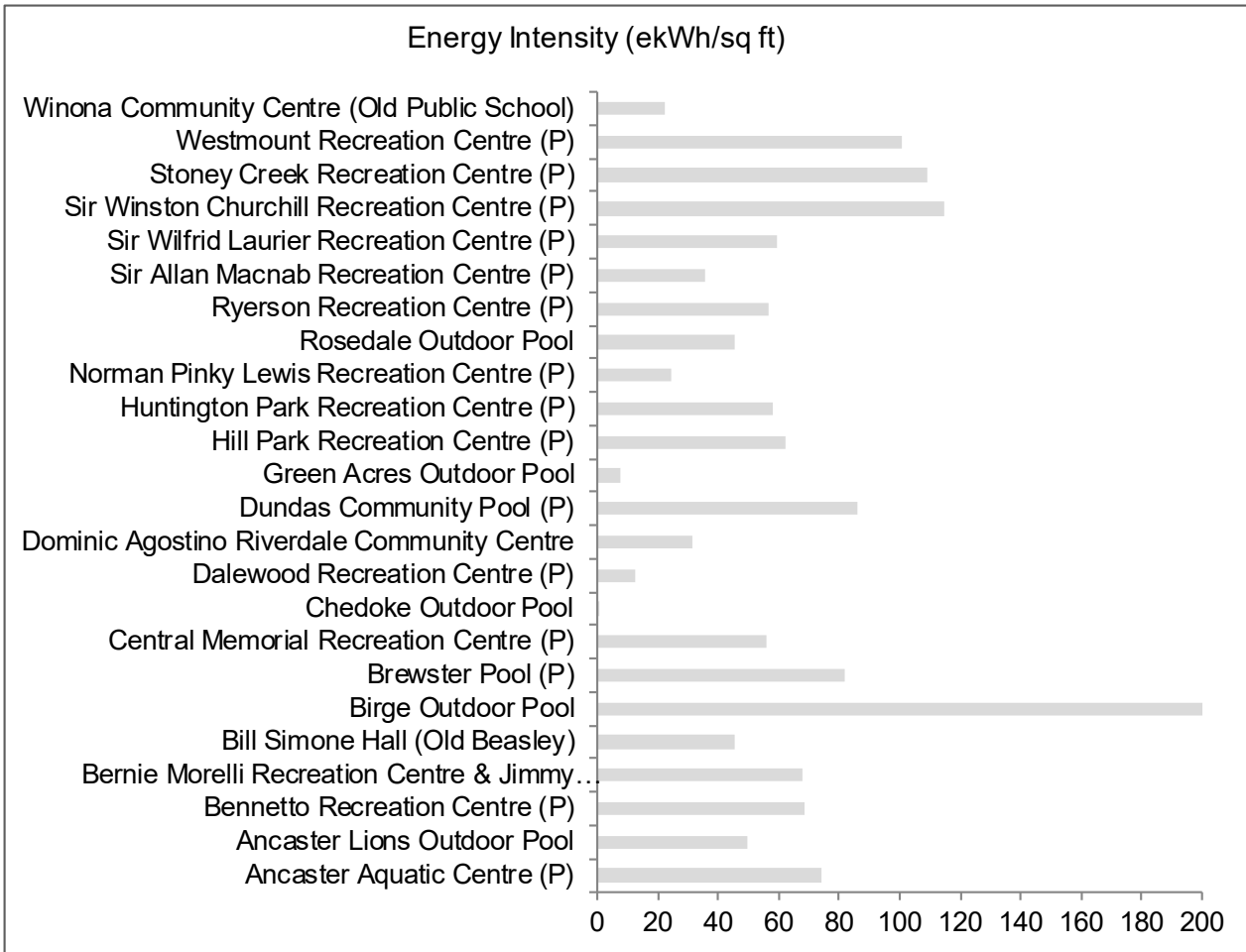
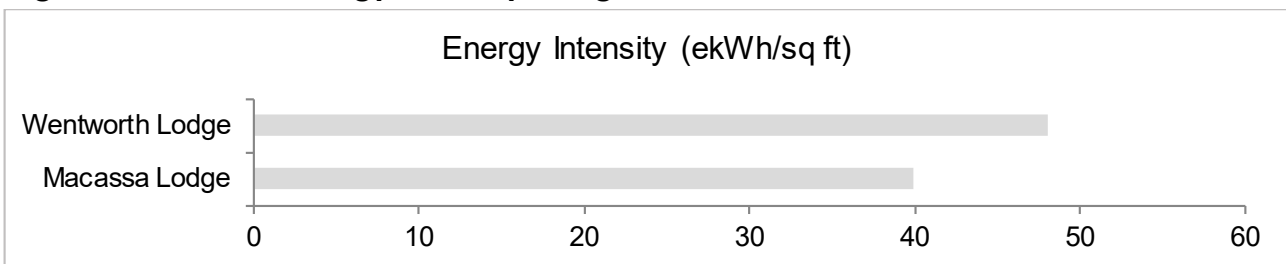


Figure A-17: 2020 Energy Intensity Lodges



⁸ (P) = Pool on site premise.

Figure A-18: 2020 Energy Intensity Stadium, Golf Courses and Recreation Parks Facilities

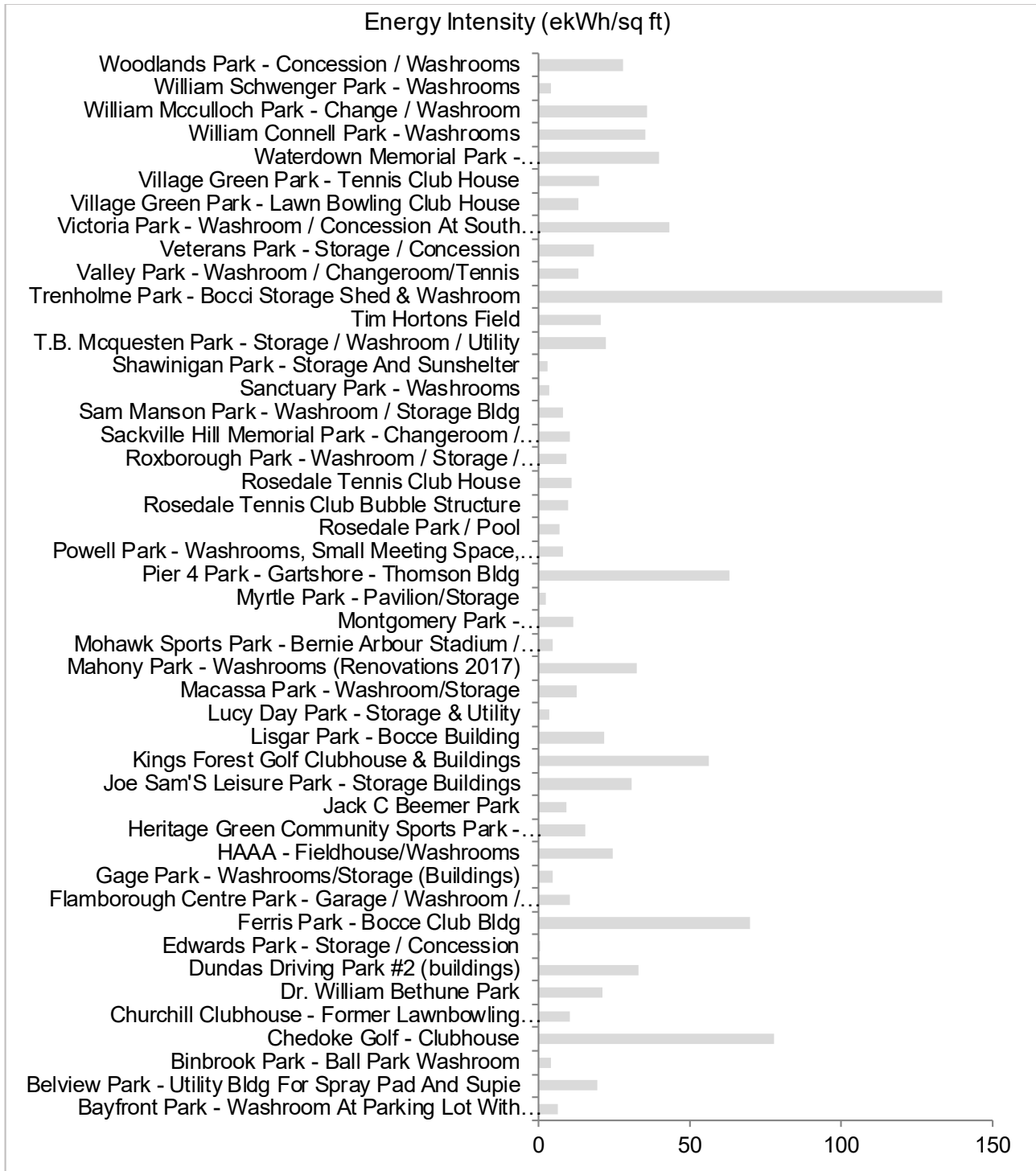


Figure A-19: 2020 Energy Intensity Fire and EMS Facilities

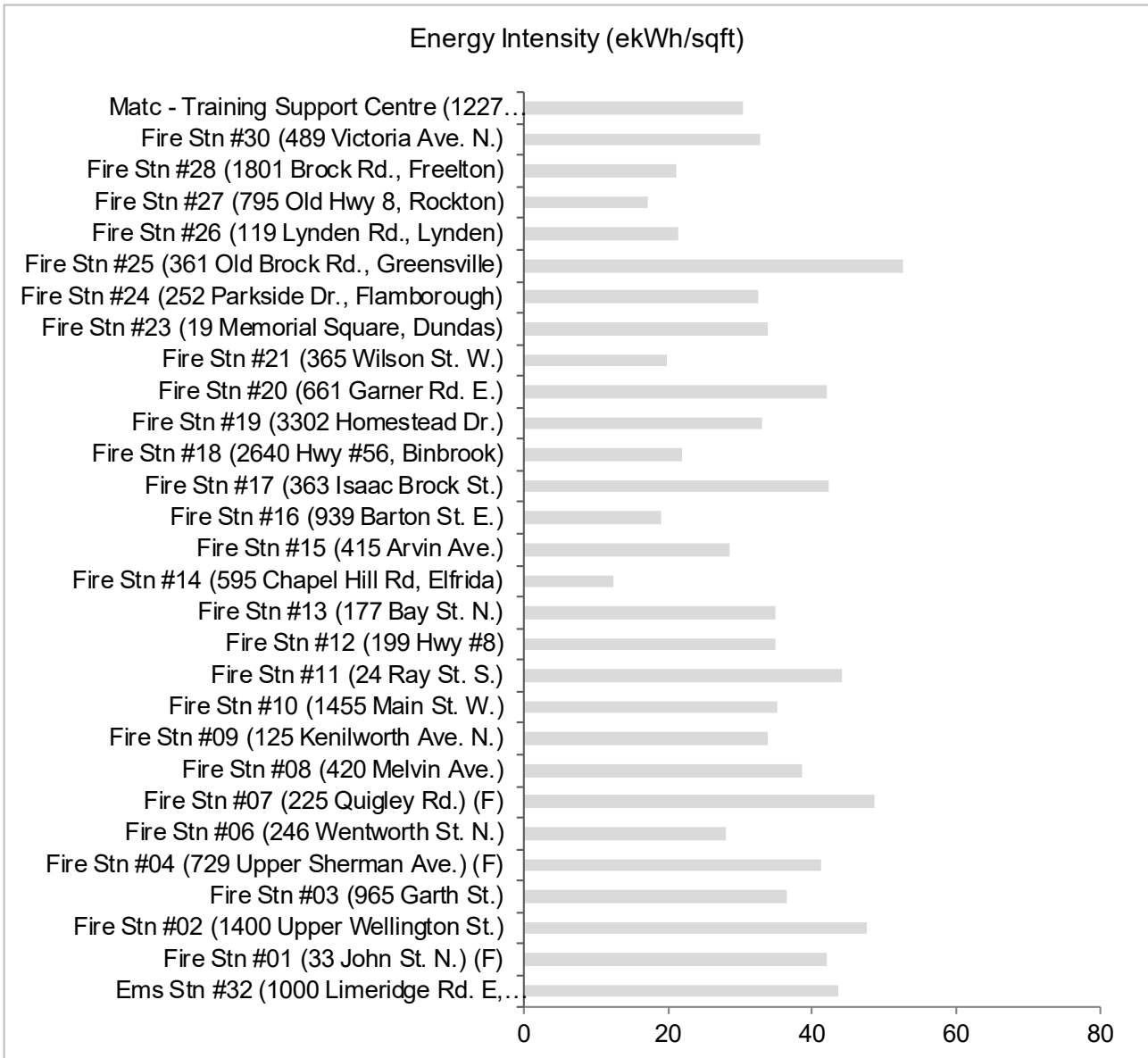


Figure A-20: Energy Intensity Police Facilities

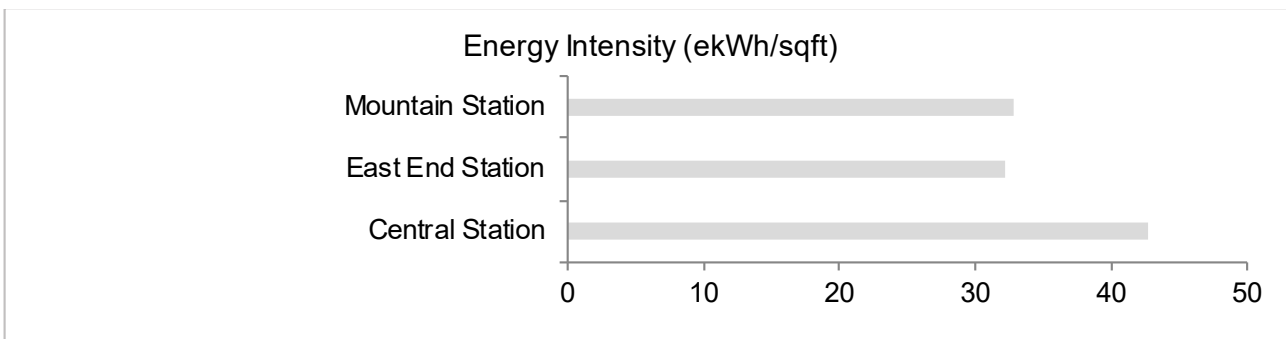


Figure A-21: 2020 Energy Intensity Libraries Facilities⁹

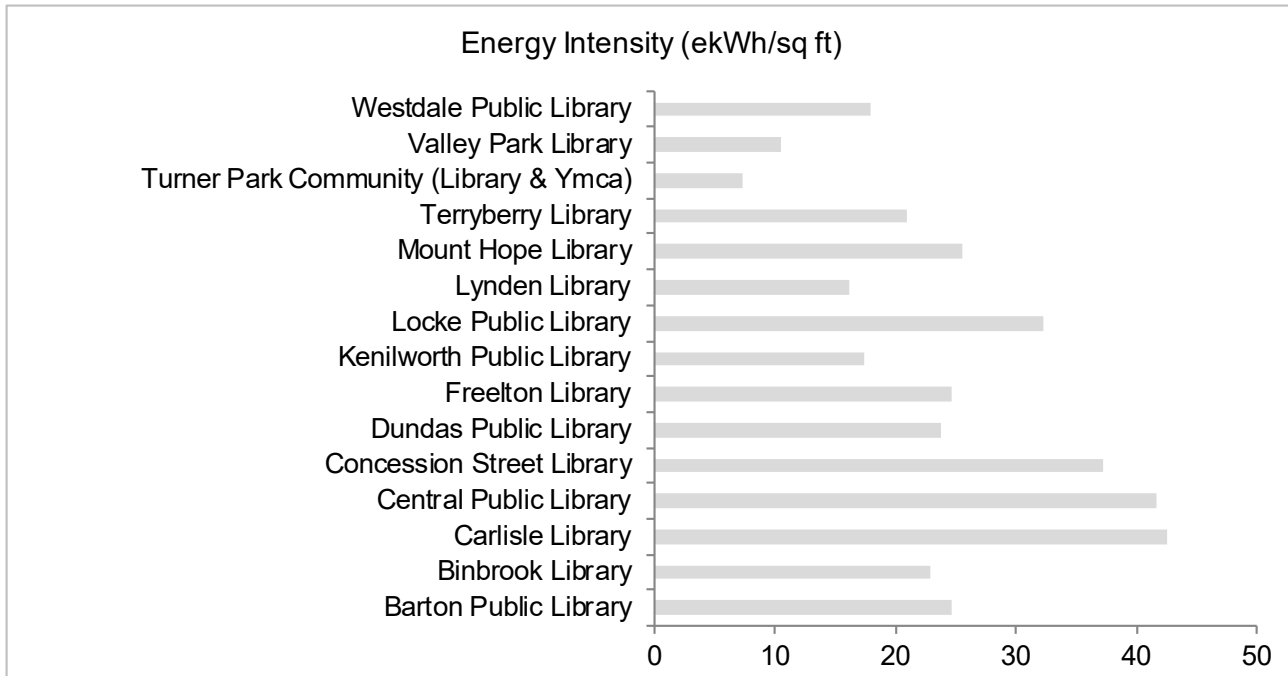
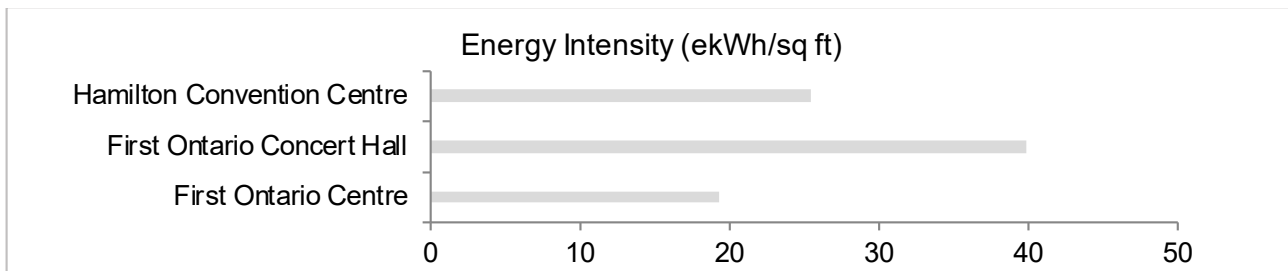


Figure A-22: 2020 Energy Intensity Entertainment Facilities



Weather Data

Weather and temperatures can impact energy consumption for electricity, natural gas and fuel. Referencing cooling degree days (CDD) and heating degree days (HDD) can help identify one reason why consumption could be higher or lower year over year. CDD is a measure of how much (in degrees) and for how long, the outside air temperature was higher than a specific base temperature. HDD is a measure of how much and for how long the outside temperature was lower than a specific base temperature. The base temperature for this reporting is 18 degrees Celsius and is sourced from Environment Canada.

⁹ Bookmobiles included in library facility usage and cost reporting, but not included in Energy Intensity calculation.

Ancaster Square, Stoney Creek Town Hall & Library, Waterdown Library and Civic Centre included in City and Town Hall reporting category (shared utility meters).

Figure A-23: Weather Data for Hamilton (Environment Canada - Station YHM)¹⁰

Month	Mean Temp (°C)	HDD	CDD	2020 vs 2019 HDD	2020 vs 2019 CDD
Jan-20	-1.6	606.1	0	-19%	0%
Feb-20	-4.2	444.7	0	-29%	0%
Mar-20	2.4	469.2	0	-19%	0%
Apr-20	5.3	382.5	0	6%	0%
May-20	11.5	223.4	22.9	15%	76%
Jun-20	19.2	30.7	67	-17%	140%
Jul-20	23.5	0	171.4	-100%	38%
Aug-20	20.5	3.5	79.5	-54%	20%
Sep-20	16	76.4	19.4	67%	15%
Oct-20	8.9	283.5	0	17%	0%
Nov-20	6.2	353.2	0	-33%	0%
Dec-20	-0.5	572.8	0	-4%	0%
2020 Annual Total		3446	360.2	-13%	43%

Figure A-24: 2020 Comparison to 5 Year Average HDD & CDD

Month	HDD		CDD	
	HDD 5 Year Average	2020 vs 5 Year Average	CDD 5 Year Average	2020 vs 5 Year Average
JAN	684	-11%	0	0%
FEB	549	-19%	0	0%
MAR	538	-13%	0	0%
APR	379	1%	0	0%
MAY	173	29%	19	20%
JUN	34	-10%	48	40%
JUL	1	-100%	124	38%
AUG	8	-54%	90	-12%
SEP	59	29%	37	-48%
OCT	241	17%	4	-100%
NOV	435	-19%	0	0%
DEC	614	-7%	0	0%
Average	3715	-7%	323	12%

¹⁰ Source for weather data for HDD and CDD:
https://climate.weather.gc.ca/historical_data/search_historic_data_e.html

Figure A-25: Heating Degree Days (HDD)

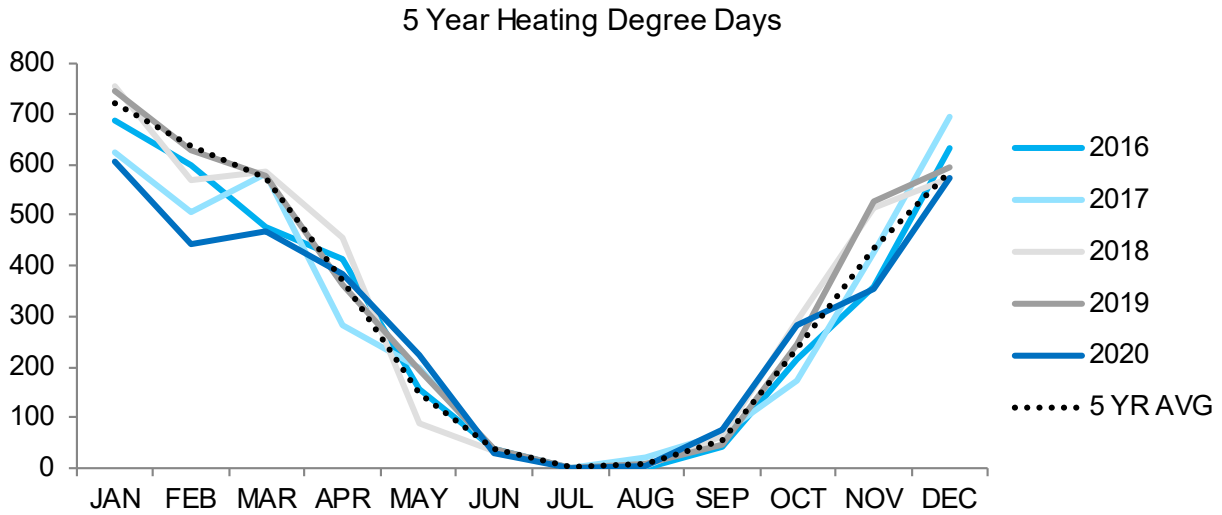
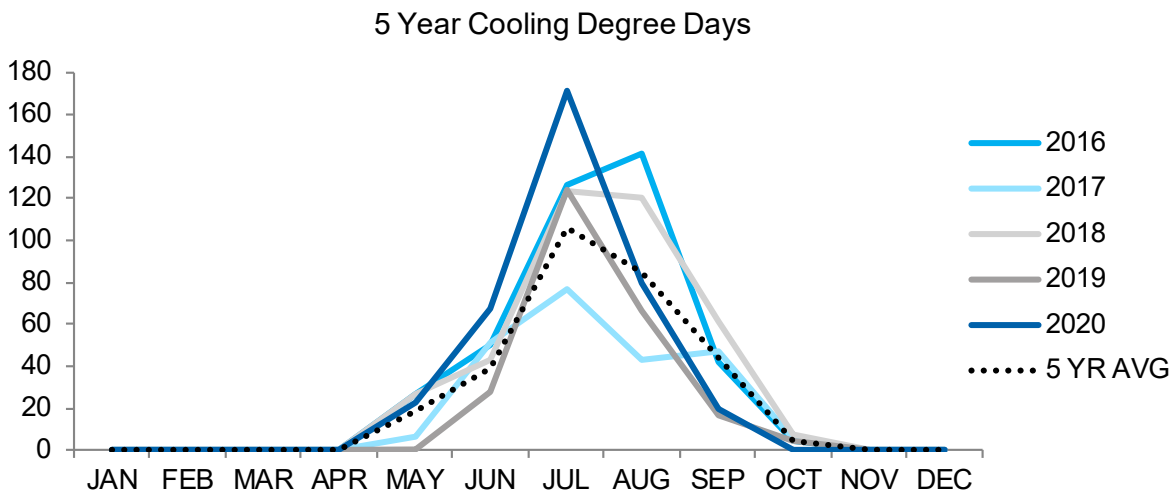


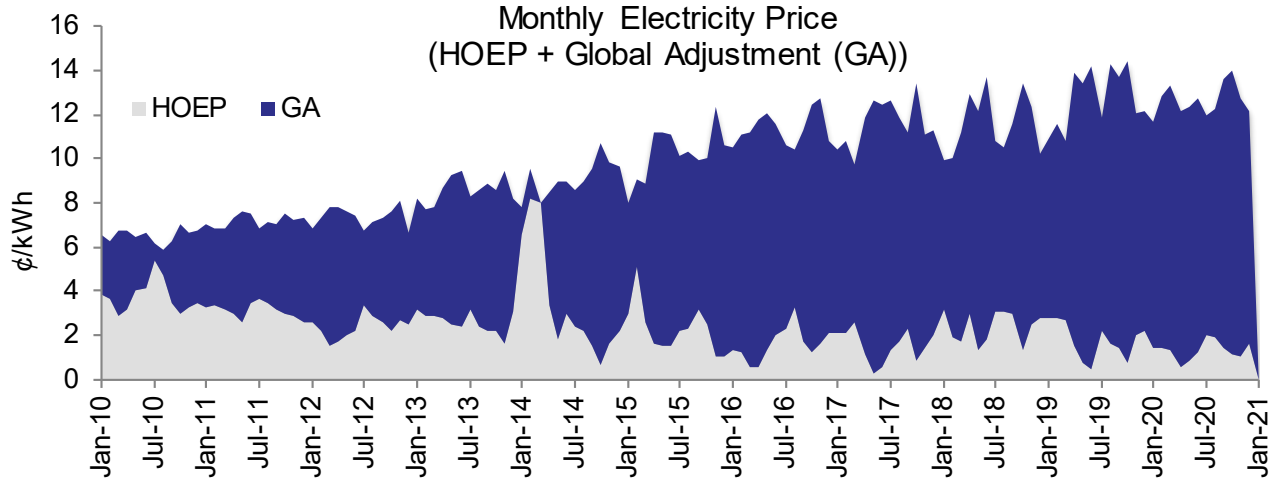
Figure A-26: Cooling Degree Days (CDD)



Electricity and Global Adjustment

Electricity commodity in Ontario comprises two components; the Hourly Ontario Energy Price (HOEP) and the Global Adjustment (GA).

Figure A-27: Monthly Electricity Commodity Prices (2015-2020)



For the Global Adjustment, consumers are divided into two rate classes. Most commercial consumers are Class B. Class B consumers pay the regulated GA rate set monthly. Eligible, high demand consumers can opt for a Class A rate. The Class A rate consumers pay their GA rate based on a percentage contribution to the total provincial monthly GA costs, calculated during a peak setting period. The benefit to a Class A consumer is that they can impact their costs by reducing demand during peak periods. The City tracks these benefits and they are included in this report in the Energy Strategies and Programs under “Utility Rate and Commodity Strategies”. The City has the following Class A sites: 900 Woodward Ave., 850 Greenhill Ave., 78 Kenilworth Ave., FirstOntario Centre¹¹, 1579 Burlington Street (Materials Recycling Facility)¹² the CUP Operations, and Tim Horton’s Field.

In 2020, as provincial demand fell, and global adjustments rose, there was government intervention to cap the price of the GA final rate at \$115 per MWh for April – June period. Some Class A customers continued to benefit under the Class A rate, whereas others were impacted by reduced demand. Overall, however – the City has continued to benefit from rate optimization.

¹¹ First Ontario Centre removed from Class A rate as of July 1, 2020.

¹² 1579 Burlington Street re-added to Class A rate as of July 1, 2020.

Figure A-28: Cumulative Class A Global Adjustment Results

Year	Global Adjustment Cost Benefit
2011	\$1,061,230
2012	\$1,511,939
2013	\$2,598,221
2014	\$2,348,577
2015	\$3,911,299
2016	\$4,682,209
2017	\$5,976,102
2018	\$6,404,572
2019	\$7,248,037
2020	\$7,397,100
CUMULATIVE	\$43,139,287

Figure A-29: 2020 Class A Global Adjustment Results by Month

2020	Standard Global Adjustment Charge	Actual Global Adjustment Charge	Cost Benefit
Jan	\$935,227	\$335,357	\$599,871
Feb	\$984,853	\$344,089	\$640,765
Mar	\$1,079,379	\$353,721	\$725,659
Apr	\$964,041	\$296,584	\$667,457
May	\$1,015,041	\$306,282	\$708,759
Jun	\$1,028,824	\$347,649	\$681,176
Jul	\$949,817	\$473,675	\$476,142
Aug	\$978,477	\$433,919	\$544,558
Sep	\$1,020,744	\$408,259	\$612,485
Oct	\$1,077,135	\$439,342	\$637,794
Nov	\$982,778	\$414,607	\$568,171
Dec	\$966,073	\$431,808	\$534,265
Total	\$11,982,391	\$4,585,291	\$7,397,100

Peak Days

The GA charges for Class A are calculated based on a percentage of demand during the peak setting period. The peak setting period runs from May to April annually, and the top 5 demand hours are used to calculate each Class A site's demand factor, which is used to calculate the GA charges each month. The GA term begins July 1 annually. Public Works personnel work collaboratively to manage peak events and reduce demand during these periods. The Office of Energy Initiatives (OEI) use tools to predict peaks and notify key

frontline staff. Staff, such as operators in Hamilton Water and Corporate Facilities may shift processes to off peak times and/or minimize usage during a potential peak event.

Figure A-30: Top 10 Ontario Verified Peak Demand Days (May 1, 2020-April 30,2021)¹³

Rank	Date	Hour Ending	Ontario Demand (MW)*	AQEW (MW)	AQEW Status
1	09-Jul-20	17	24,446	23,936	Final
2	07-Jul-20	17	24,281	23,558	Final
3	08-Jul-20	18	24,050	23,240	Final
4	27-Jul-20	17	23,910	23,319	Final
5	10-Aug-20	18	23,823	23,077	Final
6	10-Jul-20	13	23,791	23,198	Final
7	24-Aug-20	17	23,415	22,767	Final
8	06-Jul-20	17	23,191	22,614	Final
9	26-Jul-20	18	22,887	22,098	Final
10	03-Jul-20	18	22,522	21,901	Final

Fuels

The following chart breaks down the fuel usage by user group. For further clarification:

1. Transit includes Transit Operations, Route Planning and Transit Yard Support;
2. Operations includes Waste Management (non-contracted), Landfill, Roads and Support Services; and
3. "Other" includes Public Health, Recreation, Tourism, Library, Bi-Law Services, Clerks, Information Services and Fire and EMS.

Figure A-31: 2020 Fuel Usage by User Group

Group	Diesel Litres	Unleaded Litres	CNG DLE	Total (DLE)
Energy, Fleet & Facilities	8,464	72,723		81,187
Engineering Services	0	39,138		39,138
Environmental Services	1,043,425	346,788		1,390,213
Hamilton Water	155,231	202,648		357,879
Operations	1,065,372	437,200		1,502,573
Transportation	91,167	42,483		133,651
Other	299,031	1,089,272		1,388,302
Transit	4,936,693	62,532	5,776,818	10,776,043
Totals	7,599,384	2,292,783	5,776,818	15,668,985

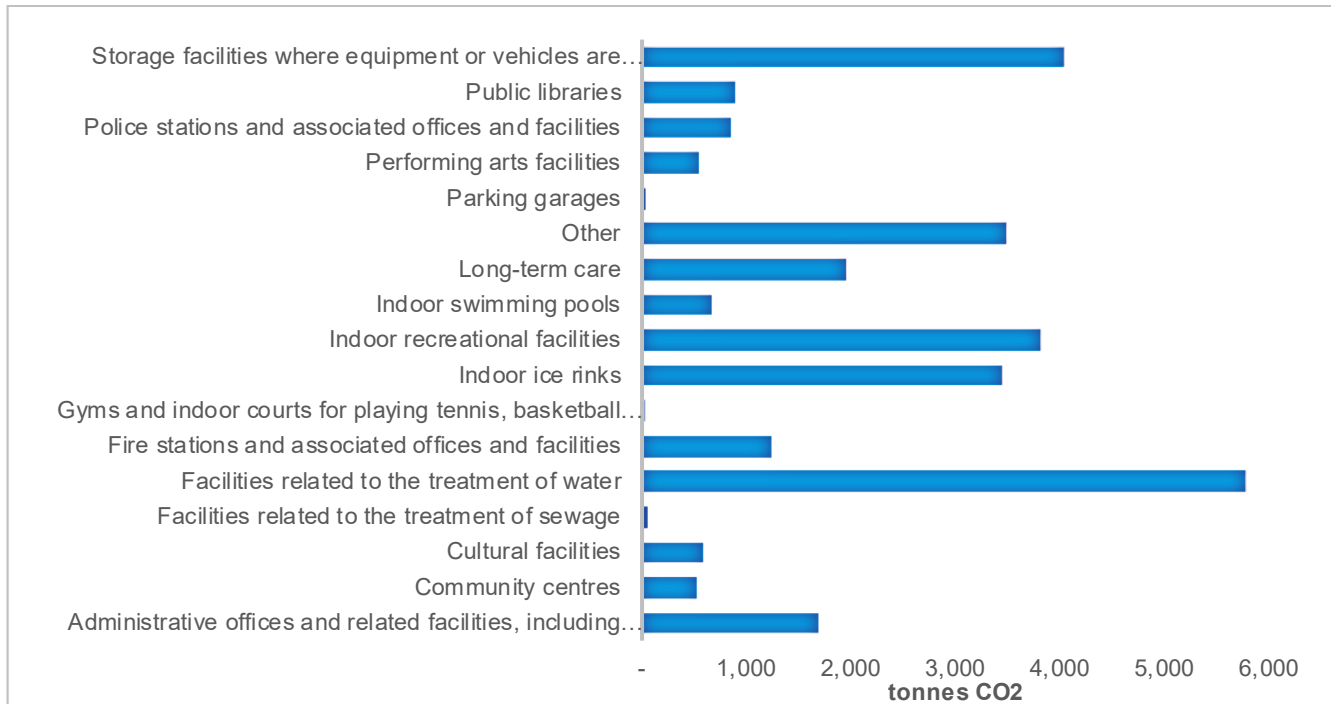
¹³ Source Data: <https://ieso.ca/en/Sector-Participants/Settlements/Peak-Tracker>

*Broader Public Sector Reporting (BPS)*¹⁴

The City submits the annual reporting data for GHG emissions as part of the adherence to Ontario Regulation 507/18. Annual reporting will continue as required.

The latest submission, October 2020 was for the calendar year 2018. According to the reporting formula City-owned corporate facilities (building only) were responsible for emitting 29,542 tonnes of CO₂e. The categories for this reporting requirement are pre-set and do vary from the City's internal reporting and are limited to buildings only. However, they do continue to represent corporately-owned assets only. In addition to reporting on an annual basis, the City is also required to submit a five-year Conservation and Demand Management (CDM) Plan, submitted in July 2019. Both the annual data submission and the CDM Plan are found on the City website: <https://www.hamilton.ca/office-energy-initiatives>.

Figure A-32: 2018 GHG Emissions Results (O.REG 507/18)



¹⁴ Broader Public Sector Report is a pre-templated platform where specific data is required to be reported as per provincial O.Reg 507/18. Next submission for year 2019 is July 2021.

GLOSSARY

Common Acronyms Used Throughout the Report

BPS = Broader Public Sector

CAFE = Corporate Average Fuel Economy

CDD = Cooling Degree Days

CDM – Conservation and Demand Management

CEP = Corporate Energy Policy

CNG = Compressed Natural Gas

CO₂ = Carbon Dioxide

CO_{2e} = Carbon Dioxide equivalent

DLE = Diesel Litre Equivalent

ekWh = equivalent kilowatt hours

GA = Global Adjustment

GHG = Greenhouse Gas

GJ = Gigajoule

HDD = Heating Degree Days

HOEP = Hourly Ontario Electricity Price

HRPI = Hamilton Renewable Power Inc.

IESO = Independent Electricity System Operator

KPI = Key Performance Indicator

kW = Kilowatt

kWh = Kilowatt-hour

LED = Light Emitting Diode

m³ = Cubic Metres

OEB = Ontario Energy Board

tCO_{2e} = Tonnes Carbon Dioxide equivalent

Definitions: Common Concepts Used Throughout the Report

Avoided Cost/Cost Avoidance refers to the costs not incurred as a result of some action taken which is outside of status quo.

Commodity Hedging is the process of fixing prices for specific terms for natural gas, fuels or electricity (commodities).

Corporate Energy & Sustainability Policy is the revised and renamed corporate policy (previously the Corporate Energy Policy) governing energy-related decisions for corporately run assets.

Cost Recovery is the value collected by identifying billing errors, billing anomalies or rates corrections that result in a financial adjustment to costs.

Energy Conservation is the collection of energy efficient measures, equipment or processes that lead to lower consumption.

Energy Intensity is the measurement of energy used per square foot of facility space.

Energy Performance is the collection of performance measurements including consumption, cost and energy intensity as compared against baseline and year over year.

Incentives are monies received from a recognized program including from utility providers, the IESO, Federal or Provincial grant programs where incentives are tied to energy conservation measures.

Net Zero means achieving overall, zero greenhouse gas emissions by balancing any emissions from energy use with carbon removal via a combination of reducing usage, changing to low or zero energy sources (i.e. renewable energy sources) changing processes and carbon offsetting.

Rate Optimization refers to ensuring that utility accounts are assigned to the appropriate rate class to result in best cost benefit.

Unit Cost is the total price of variable and fixed costs per unit. In this report it refers to unit costs of electricity, natural gas and fuels.

Utility Rates refers to the rate classes identified by utility providers.



Prepared by:

Public Works, Energy, Fleet and
Facilities Management

Month, 2021

INTERSECTION CONTROL LIST
Public Works Committee – September 10, 2021
PUBLIC WORKS DEPARTMENT
Transportation Operations & Maintenance Division
Transportation Operations Section

RECOMMENDATION

That the appropriate By-law be presented to Council to provide traffic control as follows:

Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
Street 1	Street 2	Existing	Requested				
Section "A" Ancaster							
(a)	Sawmill Road	Carluke Road West	NB	EB	C	Addition of yield control on slip off	12
(b)	Briar Hill Crescent (north intersection)	Broad Leaf Crescent	WB	WB	A	Housekeeping – replacing Yield with Stop	12
(c)	Stonegate Drive	Briar Hill Crescent	SB	SB	A	Housekeeping – replacing Yield with Stop	12
(d)	Deervalley Road	Green Ravine Drive	WB	WB	A	Housekeeping – replacing Yield with Stop	12
(e)	Briar Hill Crescent (south intersection)	Broad Leaf Crescent	NB/SB	NB/SB	A	Housekeeping – replacing Yield with Stop	12
(f)	Cottonwood Court	Highvalley Road	SB	SB	A	Housekeeping – replacing Yield with Stop	12
(g)	Longfield Crescent	Broad Leaf Crescent	NB	NB	A	Housekeeping – replacing Yield with Stop	12
(h)	Marigold Court	Longfield Crescent	WB	WB	A	Housekeeping – replacing Yield with Stop	12
(i)	Briar Hill Crescent	Longfield Crescent	SB	SB	A	Housekeeping – replacing Yield with Stop	12
(j)	Bailey Ave	Haig Road	EB	NB	A	Housekeeping – replacing Yield with Stop	12
(k)	Haig Road	Massey Drive	WB	WB	A	Housekeeping – replacing Yield with Stop	12
(l)	Alexander Road	Massey Drive	WB	WB	A	Housekeeping – replacing Yield with Stop	12

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
Street 1	Street 2	Existing	Requested				
(m)	Mewburn Road	Alexander Road	NB	NB	A	Housekeeping – replacing Yield with Stop	12
(n)	Hatton Drive	Enmore Avenue	NC	NB	A	Missing stop control	12
Section “B” Dundas							
(o)	Knollwood Court	Ridgewood Boulevard	NC	NB	A	Housekeeping – no stop control	13
(p)	Zeldin Place	Ridgewood Boulevard	NC	SB	A	Housekeeping – no stop control	13
(q)	Elizabeth Court	Highland Park Drive	NC	SB	A	Housekeeping – no stop control	13
(r)	Ivy Court	Ann Street	NC	SB	A	Housekeeping – no stop control	13
(s)	Queen Street	Victoria Street	NC	SB	A	Housekeeping – no stop control	13
(t)	Vilma Avenue	Shirley Street	NC	EB	A	Housekeeping – no stop control	13
(u)	Vilma Avenue	David Street	NC	WB	A	Housekeeping – no stop control	13
(v)	Rita Street	Vilma Avenue	NC	SB	A	Housekeeping – no stop control	13
(w)	Rita Street	Bertram Drive	NC	NB	A	Housekeeping – no stop control	13
(x)	Shirley Street	Bertram Drive	NC	NB	A	Housekeeping – no stop control	13
(y)	Bertram Drive	David Street	NC	WB	A	Housekeeping – no stop control	13
(z)	Barrie Street	Bertram Drive	NC	NB	A	Housekeeping – no stop control	13
(aa)	Adelaide Avenue	Desjardin Avenue	NC	WB	A	Housekeeping – no stop control	13
(ab)	Normandy Place	Bertram Drive	NC	SB	A	Housekeeping – no stop control	13
(ac)	Hilltop Place	Edenbridge Court	NC	EB	A	Housekeeping – no stop control	13
(ad)	Glen Court	Pleasant Avenue	NC	SB	A	Housekeeping – no stop control	13
(ae)	Valleyview Court	Pleasant Avenue	NC	SB	A	Housekeeping – no stop control	13
(af)	Applewood Court	Pleasant Avenue	NC	SB	A	Housekeeping – no stop control	13
(ag)	Monarch Court	Kings Gate	NC	EB	A	Housekeeping – no stop control	13
(ah)	Rhodes Court	Turnbull Road	NC	NB	A	Housekeeping – no stop control	13

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
Street 1	Street 2	Existing	Requested				
(ai)	Whitfield Court	Turnbull Road	NC	SB	A	Housekeeping – no stop control	13
(aj)	Four Winds Place	Autumn Leaf Road	NC	SB	A	Housekeeping – no stop control	13
(ak)	Crystal Court	Autumn Leaf Road	NC	SB	A	Housekeeping – no stop control	13
(al)	Moonglow Place	Sunrise Crescent	NC	WB	A	Housekeeping – no stop control	13
(am)	Maid Marion Street	Sherwood Rise	NC	NB	A	Housekeeping – no stop control	13
(an)	Maid Marion Street	Robinhood Drive	NC	SB	A	Housekeeping – no stop control	13
(ao)	Ancaster Street East	East Street South	NC	EB	A	Housekeeping – no stop control	13
(ap)	Soble Place	Golfview Crescent	NC	SB	A	Housekeeping – no stop control	13
(aq)	Linda Court	Marion Crescent	NC	SB	A	Housekeeping – no stop control	13
(ar)	Janis Court	Marion Crescent	NC	SB	A	Housekeeping – no stop control	13
(as)	Yorkview Place	Cammay Avenue	NC	SB	A	Housekeeping – no stop control	13
Section “C” Flamborough							
(at)	Agro Street	Skinner Road	NC	NB	B	Plan of New Subdivision	15
(au)	Mountain Heights Place	Agro Street	NC	WB	A	Plan of New Subdivision	15
(av)	Great Falls Boulevard	Agro Street	NC	WB	B	Plan of New Subdivision	15
(aw)	Great Falls Boulevard	Skinner Road	NC	NB	C	Plan of New Subdivision	15
(ax)	McDonough Gardens	Agro Street	NC	EB	A	Plan of New Subdivision	15
(ay)	Westfield Crescent (north intersection)	Agro Street	NC	WB	A	Plan of New Subdivision	15
(az)	Westfield Crescent (south intersection)	Agro Street	NC	WB	A	Plan of New Subdivision	15
(ba)	Avanti Crescent	Agro Street	NC	EB	A	Plan of New Subdivision	15
(bb)	Kenesky Drive	Agro Street	NC	WB	A	Plan of New Subdivision	15
(bc)	Kenesky Drive	Burke Street	NC	EB/WB	A	Plan of New Subdivision	15
(bd)	Kenesky Drive	Ebenezer Drive	NC	EB	A	Plan of New Subdivision	15

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
Street 1	Street 2	Existing	Requested				
(be)	Granite Ridge Trail	Kenesky Drive	NC	NB	A	Plan of New Subdivision	15
(bf)	Granite Ridge Trail	Ebenezer Drive	NC	EB/WB	A	Plan of New Subdivision	15
(bg)	Granite Ridge Trail	Great Falls Boulevard	NC	NB/SB	A	Plan of New Subdivision	15
(bh)	Ebenezer Drive	Great Falls Boulevard	NC	SB	A	Plan of New Subdivision	15
(bi)	Ebenezer Drive	Skinner Road	NC	NB	B	Plan of New Subdivision	15
(bj)	Sealey Avenue	Granite Ridge Trail	NC	NB	A	Plan of New Subdivision	15
(bk)	Sealey Avenue	Great Falls Boulevard	NC	NB/SB	B	Plan of New Subdivision	15
(bl)	Sealey Avenue	Elstone Place	NC	SB	A	Plan of New Subdivision	15
(bm)	Frontier Trail	Great Falls Boulevard	NC	NB	B	Plan of New Subdivision	15
(bn)	Edworthy Gardens	Great Falls Boulevard	NC	NB	B	Plan of New Subdivision	15
(bo)	Edworthy Gardens	Elstone Place	NC	SB	A	Plan of New Subdivision	15
(bp)	Elstone Place	Frontier Trail	NC	WB	A	Plan of New Subdivision	15
(bq)	Zimmerman Gardens	Great Falls Boulevard	NC	NB	B	Plan of New Subdivision	15
(br)	Zimmerman Gardens	Elstone Place	NC	SB	A	Plan of New Subdivision	15
(bs)	Trailbank Gardens	Skinner Road	NC	NB	B	Plan of New Subdivision	15
(bt)	Trailbank Gardens	Great Falls Boulevard	NC	SB	B	Plan of New Subdivision	15
(bu)	Hager Creek Terrace	Trailbank Gardens	NC	WB	A	Plan of New Subdivision	15
(bv)	Hager Creek Terrace	Great Falls Boulevard	NC	EB	B	Plan of New Subdivision	15
(bw)	Silver Meadow Gardens	Trailbank Gardens	NC	WB	A	Plan of New Subdivision	15
(bx)	Silver Meadow Gardens	Hager Creek Terrace	NC	NB	A	Plan of New Subdivision	15
(by)	Cattail Crescent (west intersection)	Great Falls Boulevard	NC	NB	B	Plan of New Subdivision	15
(bz)	Cattail Crescent (east intersection)	Great Falls Boulevard	NC	NB	B	Plan of New Subdivision	15

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
		Existing	Requested				
Street 1	Street 2						
(ca)	Valley Trail Place	Mallard Trail	NC	WB	A	Plan of New Subdivision	15
(cb)	Humphrey Street	Mallard Trail	NC	WB	A	Plan of New Subdivision	15
(cc)	Humphrey Street	Skinner Road	NC	SB	B	Plan of New Subdivision	15
(cd)	Grierson Trail	Humphrey Street	NC	NB	A	Plan of New Subdivision	15
(ce)	Grierson Trail	Skinner Road	NC	SB	B	Plan of New Subdivision	15
(cf)	Holcomb Terrace	Humphrey Street	NC	WB	A	Plan of New Subdivision	15
(cg)	Holcomb Terrace	Skinner Road	NC	SB	B	Plan of New Subdivision	15
(ch)	Pond View Gate	Skinner Road	NC	NB	B	Plan of New Subdivision	15
(ci)	Pond View Gate	Smokey Hollow Place	NC	WB	A	Plan of New Subdivision	15
(cj)	Smokey Hollow Place	Pond View Gate	NC	EB	A	Plan of New Subdivision	15
(ck)	Gardenbrook Trail	Pond View Gate	NC	WB	A	Plan of New Subdivision	15
(cl)	Gardenbrook Trail	Skinner Road	NC	NB	B	Plan of New Subdivision	15
Section "E" Hamilton							
(cm)	Aylett Street	Mapes Avenue	NC	NB	A	Housekeeping – no stop control	1
(cn)	Bartlett Avenue	Allison Crescent	NC	NB	A	Housekeeping – no stop control	8
(co)	Angelina Place	Regent Avenue	NC	NB	A	Housekeeping – no stop control	14
(cp)	Ottaviano Drive	McIntosh Avenue	NC	EB	A	Housekeeping – no stop control	14
(cq)	Vista Court	Horizon Crescent	NC	EB	A	Housekeeping – no stop control	14
(cr)	Harvard Place	Falkirk Drive	NC	EB	A	Housekeeping – no stop control	14
(cs)	Bordeaux Court	Republic Avenue	NC	EB	A	Housekeeping – no stop control	7
(ct)	Montebello Court	Bastille Street	NC	NB	A	Housekeeping – no stop control	7
(cu)	Anita Court	Acadia Drive	NC	EB	A	Housekeeping – no stop control	7
(cv)	Osgoode Court	Presidio Drive	SB	SB	A	Housekeeping – replacing Yield with Stop	6
(cw)	Nina Court	Ironwood Crescent	NC	SB	A	Housekeeping – no stop control	6

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
		Existing	Requested				
Street 1	Street 2						
(cx)	Villa Court	Anna Capri Drive	NC	NB	A	Housekeeping – no stop control	6
(cy)	Tuna Court	Tunbridge Crescent	NC	EB	A	Housekeeping – no stop control	6
(cz)	Elodia Court	Susan Drive	NC	NB	A	Housekeeping – no stop control	14
(da)	Glebe Court	Gillard Street	NC	EB	A	Housekeeping – no stop control	14
(db)	Gillard Street	Gardiner Drive	NC	SB	A	Housekeeping – no stop control	14
(dc)	Elsa Court	Greendale Drive	NC	NB	A	Housekeeping – no stop control	14
(dd)	Piper Place	Fiona Crescent	NC	NB	A	Housekeeping – no stop control	8
(de)	Fontana Court	Springvalley Crescent	NC	EB	A	Housekeeping – no stop control	8
(df)	Saint Anthony Place	Springvalley Crescent	NC	NB	A	Housekeeping – no stop control	8
(dg)	Eric Burke Court	Theodore Drive	NC	WB	A	Housekeeping – no stop control	8
(dh)	Northstar Court	Milky Way Drive	NC	SB	A	Housekeeping – no stop control	6
(di)	Morningstar Court	Milky Way Drive	NC	SB	A	Housekeeping – no stop control	6
(dj)	Hugo Court	Darlington Drive	NC	SB	A	Housekeeping – no stop control	14
(dk)	Valery Court	Bonaventure Drive	NC	EB	A	Housekeeping – no stop control	14
(dl)	Waldorf Court	Parkwood Crescent	NC	SB	A	Housekeeping – no stop control	7
(dm)	Fontainbleu Court	Parkwood Crescent	NC	SB	A	Housekeeping – no stop control	7
(dn)	Bogart Court	Billington Crescent	NC	EB	A	Housekeeping – no stop control	6
(do)	Boon Court	Billington Crescent	NC	EB	A	Housekeeping – no stop control	6
(dp)	Rapallo Drive	Anson Avenue	NC	SB	A	Housekeeping – no stop control	6
(dq)	Rapallo Drive	Gatineau Drive	NC	NB	A	Housekeeping – no stop control	6
(dr)	Weston Court	Anson Avenue	NC	SB	A	Housekeeping – no stop control	6
(ds)	Lamb Court	Larch Street	NC	NB	A	Housekeeping – no stop control	6
(dt)	Mansion Court	Locheed Drive	NC	SB	A	Housekeeping – no stop control	6

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
Street 1	Street 2	Existing	Requested				
(du)	Ranko Court	Artistic Boulevard	NC	EB	A	Housekeeping – no stop control	6
(dv)	Bosna Court	Summerlea Drive	NC	SB	A	Housekeeping – no stop control	6
(dw)	Bethany Court	Balfour Drive	NC	WB	A	Housekeeping – no stop control	14
(dx)	Gleneagles Drive	Auchmar Road	NC	NB	A	Housekeeping – no stop control	8
(dy)	Gleneagles Drive	Braemar Place	NC	SB	A	Housekeeping – no stop control	8
(dz)	Andrew Court	Hoover Crescent	NC	WB	A	Housekeeping – no stop control	8
(ea)	Wingate Place	Warren Avenue	NC	WB	A	Housekeeping – no stop control	8
(eb)	Camille Court	Grenadier Drive	NC	WB	A	Housekeeping – no stop control	6
(ec)	Marvin Court	Grenadier Drive	NC	WB	A	Housekeeping – no stop control	6
(ed)	Barnett Court	Grenadier Drive	NC	WB	A	Housekeeping – no stop control	6
(ef)	Symon Place	Hardale Crescent	NC	EB	A	Housekeeping – no stop control	6
(eg)	Ferrara Street	Wise Crescent	NC	SB	A	Housekeeping – no stop control	6
(eh)	Elva Court	King's Forest Drive	NC	EB	A	Housekeeping – no stop control	6
(ei)	Sandra Court	King's Forest Drive	NC	EB	A	Housekeeping – no stop control	6
(ej)	Tilbury Court	King's Forest Drive	NC	EB	A	Housekeeping – no stop control	6
(ek)	Filer Court	King's Forest Drive	NC	EB	A	Housekeeping – no stop control	6
(el)	Cecilia Court	King's Forest Drive	NC	EB	A	Housekeeping – no stop control	6
(em)	Burns Place	East 38 th Street	NC	EB	A	Housekeeping – no stop control	7
(en)	Patricia Place	East 38 th Street	NC	EB	A	Housekeeping – no stop control	7
(eo)	Donlea Drive	Valecrest Avenue	NC	SB	A	Housekeeping – no stop control	6
(ep)	Valecrest Avenue	Elmhurst Drive	NC	EB	A	Housekeeping – no stop control	6
(eq)	Henry Street	New Street	NC	WB	A	Housekeeping – no stop control	1
(er)	Edison Street	New Street	NC	WB	A	Housekeeping – no stop control	1
(es)	Roseland Avenue	Blake Street	NC	WB	A	Housekeeping – no stop control	3

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
		Existing	Requested				
Street 1	Street 2						
(et)	Troy Avenue	Tate Avenue	NC	WB	A	Housekeeping – no stop control	4
(eu)	Troy Avenue	Dunn Avenue	NC	EB	A	Housekeeping – no stop control	4
(ev)	Admiral Place	MacLaren Avenue	NC	WB	A	Housekeeping – no stop control	4
(ew)	Keats Road	Gainsborough Road	NC	NB	A	Housekeeping – no stop control	5
(ex)	Keats Road	Old Orchard Drive	NC	SB	A	Housekeeping – no stop control	5
(ey)	Kelvin Court	Old Orchard Drive	NC	NB	A	Housekeeping – no stop control	5
(ez)	Scott Street	Gainsborough Road	NC	NB	A	Housekeeping – no stop control	5
(fa)	Blueberry Drive	Strawberry Drive	NC	EB	A	Housekeeping – no stop control	5
(fb)	Fairholme Court	Highridge Avenue	NC	NB	A	Housekeeping – no stop control	5
(fc)	Talia Court	Janet Court	NC	NB	A	Housekeeping – no stop control	5
(fd)	Duchess Court	Oakland Drive	NC	WB	A	Housekeeping – no stop control	5
(fe)	Kings Court	Oakland Drive	NC	WB	A	Housekeeping – no stop control	5
(ff)	Queens Court	Oakland Drive	NC	WB	A	Housekeeping – no stop control	5
(fg)	Lady Court	Kenora Avenue	NC	EB	A	Housekeeping – no stop control	5
(fh)	Lord Court	Kenora Avenue	NC	EB	A	Housekeeping – no stop control	5
(fi)	Hart Place	Crawford Drive	NC	EB	A	Housekeeping – no stop control	5
(fj)	Redwood Court	Woodman Drive North	NC	EB	A	Housekeeping – no stop control	5
(fk)	Sandlyn Court	Nugent Drive	NC	EB	A	Housekeeping – no stop control	5
(fl)	Capilano Drive	Country Club Drive	NC	WB	A	Housekeeping – no stop control	5
(fm)	Alto Drive	Country Club Drive	NC	SB	A	Housekeeping – no stop control	5
(fn)	Rio Court	Alto Drive	NC	EB	A	Housekeeping – no stop control	5
(fo)	Renis Court	Sherry Lane Drive	NC	NB	A	Housekeeping – no stop control	5
(fp)	Zell Court	Sherry Lane Drive	NC	NB	A	Housekeeping – no stop control	5

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
Street 1	Street 2	Existing	Requested				
(fq)	Sherry Lane Drive	Hildegard Drive	NC	EB	A	Housekeeping – no stop control	5
(fr)	Venus Court	Hildegard Drive	NC	WB	A	Housekeeping – no stop control	5
(fs)	Monte Court	Monte Drive	NC	EB	A	Housekeeping – no stop control	5
(ft)	Tracey Place	Blanche Court	NC	EB	A	Housekeeping – no stop control	5
(fu)	Burbank Place	Carene Avenue	NC	NB	A	Housekeeping – no stop control	5
(fv)	Bryant Court	Robroy Avenue	NC	SB	A	Housekeeping – no stop control	5
(fw)	Laura Court	Woodman Drive South	NC	EB	A	Housekeeping – no stop control	5
(fx)	Colonial Court	Rainbow Drive	NC	NB	A	Housekeeping – no stop control	5
(fy)	Isaac Court	Rainbow Drive	NC	NB	A	Housekeeping – no stop control	5
(fz)	Birkdale Place	Montmorency Drive	NC	EB	A	Housekeeping – no stop control	5
(ga)	Marantha Place	Montmorency Drive	NC	SB	A	Housekeeping – no stop control	5
(gb)	Renner Court	Brookstream Court	NC	NB	A	Housekeeping – no stop control	5
(gc)	Forest Hill Crescent	Glen Vista Drive	NC	EB	A	Housekeeping – no stop control	5
(gd)	Peace Court	Forest Hill Crescent	NC	WB	A	Housekeeping – no stop control	5
(ge)	Glen Castle Drive	Forest Hill Crescent	NC	NB	A	Housekeeping – no stop control	5
(gf)	Glenmurray Court	Glen Castle Drive	NC	WB	A	Housekeeping – no stop control	5
(gg)	Glencannon Drive	Glen Castle Drive	NC	WB	A	Housekeeping – no stop control	5
(gh)	Glendora Court	Glen Forest Drive	NC	EB	A	Housekeeping – no stop control	5
(gi)	Palmerston Place	St. Andrews Drive	NC	NB	A	Housekeeping – no stop control	5
(gj)	Sunbrite Court	Glen Park Court	NC	EB	A	Housekeeping – no stop control	5
(gk)	Jennifer Court	St. Andrews Drive	NC	WB	A	Housekeeping – no stop control	5
(gl)	Chardonnay Street	Webster Road	NC	SB	A	Housekeeping – no stop control	5
(gm)	Cherryridge Close	Cherryridge Close	NC	NB	A	Housekeeping – no stop control	5

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
		Existing	Requested				
Street 1	Street 2						
(gn)	Calvert Avenue	Garland Place	NC	WB	A	Housekeeping – no stop control	5
(go)	Cavalier Court	Nugent Drive	NC	SB	A	Housekeeping – no stop control	5
(gp)	Hounslow Court	Kentley Drive	NC	SB	A	Housekeeping – no stop control	5
(gq)	Ilford Court	Kentley Drive	NC	SB	A	Housekeeping – no stop control	5
(gr)	Jason Court	Prins Avenue	NC	EB	A	Housekeeping – no stop control	5
(gs)	Dorset Place	Edgevale Road	NC	NB	A	Housekeeping – no stop control	1
(gt)	Dungannon Place	Monteagle Court	NC	NB	A	Housekeeping – no stop control	14
(gu)	Windstar Place	Gilcrest Street	NC	WB	A	Housekeeping – no stop control	14
(gv)	Argon Court	Glenhaven Drive	NC	WB	A	Housekeeping – no stop control	14
(gw)	Lantana Court	Cranbrook Drive	NC	SB	A	Housekeeping – no stop control	14
(gx)	Sonesto Court	Trevi Road	NC	NB	A	Housekeeping – no stop control	14
(gy)	Mirella Court	Christopher Drive	NC	WB	A	Housekeeping – no stop control	8
(gz)	Seagram Place	Nova Drive	NC	SB	A	Housekeeping – no stop control	6
(ha)	Lambert Street	Lesterwood Street	NC	SB	A	Housekeeping – no stop control	7
(hb)	Lambert Street	Bellingham Drive	NC	NB	A	Housekeeping – no stop control	7
(hc)	Lisa Court	Lawnhurst Drive	NC	EB	A	Housekeeping – no stop control	7
(hd)	Irving Place	Mulock Avenue	NC	SB	A	Housekeeping – no stop control	6
(he)	Irving Place	Sunning Hill Avenue	NC	NB	A	Housekeeping – no stop control	6
(hf)	Mulock Avenue	Rendell Boulevard	NC	WB	A	Housekeeping – no stop control	6
(hg)	Green Meadow Road	Sunning Hill Avenue	NC	NB	A	Housekeeping – no stop control	6
(hh)	Nancy Street	Sunning Hill Avenue	NC	NB	A	Housekeeping – no stop control	6
(hi)	Quinlan Court	Quaker Crescent	NC	SB	A	Housekeeping – no stop control	6
(hj)	Raleigh Court	Raleigh Street	NC	NB	A	Housekeeping – no stop control	6

Mike Field, Extension 4576

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
Street 1	Street 2	Existing	Requested				
(hk)	Galloway Court	Golden Orchard Drive	NC	WB	A	Housekeeping – no stop control	8
(hl)	Granby Court	Golden Orchard Drive	NC	NB	A	Housekeeping – no stop control	8
(hm)	Starling Drive	Bobolink Road	NC	NB	A	New development	7
(hn)	Starling Drive	Hummingbird Lane	NC	WB	A	New development	7
(ho)	Beach Road	Birmingham Street	SB	All	A	Converting to all-way stop – Clr approved	3
(hp)	Bixby Crescent	Bowden Street	NC	WB	A	Missing stop control	8
(hq)	Dalewood Avenue	Arnold Street	EB/WB	All	A	Conversion to AWS, Westdale TMP	1
(hr)	Longwood Road North	Franklin Avenue	EB/WB	All	B	Conversion to AWS, Westdale TMP	1
(hs)	Longwood Road North	Glen Road	EB/WB	All	B	Conversion to AWS, Westdale TMP	1
(ht)	Paradise Road North	Glen Road	EB/WB	All	A	Conversion to AWS, Westdale TMP	1
(hu)	Rexford Drive	Rosewell Street	NB	All	A	Conversion to AWS, Clr motioned	6
(hv)	Sanders Boulevard	Cottrill Street/Binkley Crescent	NB/SB	All	A	Conversion to AWS, Ainslie Wood TMP	1
(hw)	Sanders Boulevard	Hollywood Street North/Binkley Crescent	NB/SB	All	A	Conversion to AWS, Ainslie Wood TMP	1
(hx)	Eric Burke Court	Theodore Drive	NC	WB	A	Missing stop control	8
(hy)	Wellington Street South	Hunter Street East	EB/WB	All	C	Converting to AWS– Clr supported	2
Section “F” Stoney Creek							
(hz)	Calvert Avenue	Alpine Avenue	NC	EB	A	Housekeeping – no stop control	5
(ia)	Kingswood Drive	Ashwood Court	NC	NB	A	Housekeeping – no stop control	10
(ib)	Vivian Street	Glenview Drive	NC	SB	A	Housekeeping – no stop control	5

Mike Field, Extension 4576

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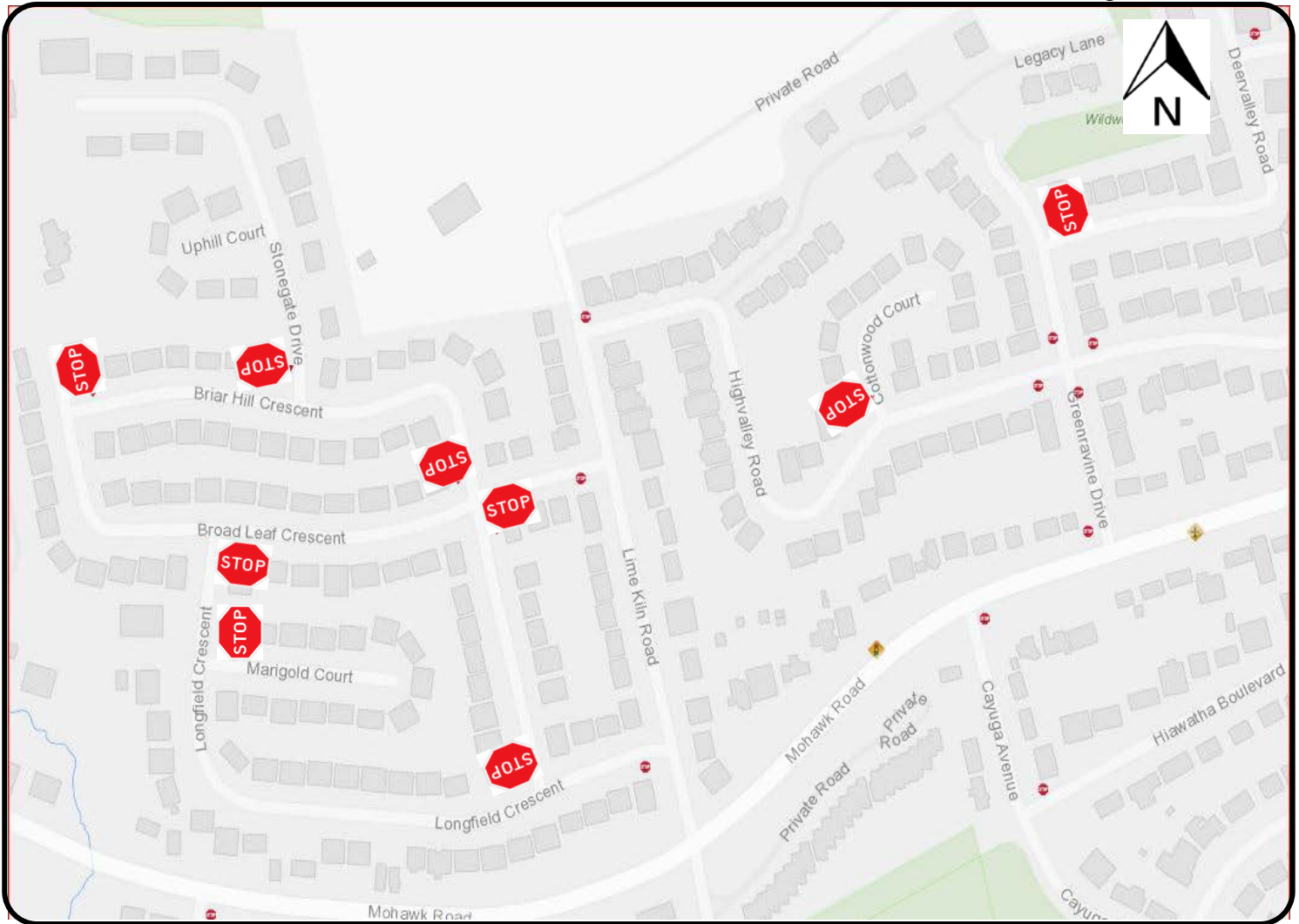
Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
Street 1	Street 2	Existing	Requested				
(ic)	Burwell Avenue	Canterbury Avenue	NC	EB	A	Housekeeping – no stop control	5
(id)	Canterbury Avenue	Dale Avenue	NC	NB	A	Housekeeping – no stop control	5
(ie)	Wyngate Court	Wyngate Avenue	NC	EB	A	Housekeeping – no stop control	5
(if)	Wyngate Avenue	Alba Street	NC	SB	A	Housekeeping – no stop control	5
(ig)	Battlefield Drive	Alba Street	NC	SB	A	Housekeeping – no stop control	5
(ih)	Lakeside Drive	Jones Road	NC	EB	A	Housekeeping – no stop control	10
(ii)	James Place	James Avenue	NC	NB	A	Housekeeping – no stop control	5
(ij)	Faircourt Place	Faircourt Drive	NC	SB	A	Housekeeping – no stop control	5
(ik)	Ada Court	Ainsworth Street	WB	WB	A	Housekeeping – replacing Yield with Stop	9
(il)	Lyngate Court	Gerald Crescent	NB	NB	A	Housekeeping – replacing Yield with Stop	9
(im)	Dolman Street	Isidore Place	NB	NB	A	Housekeeping – replacing Yield with Stop	9
(in)	Slinger Crescent	Slinger Avenue	NB	NB	A	Housekeeping – replacing Yield with Stop	9
(io)	Byron Avenue	Aubrey Avenue	EB	EB	A	Housekeeping – replacing Yield with Stop	9
(ip)	Redwood Court	Teak Street	NC	SB	A	Housekeeping – no stop control	10
(iq)	Vanderwood Court	Teak Street	SB	SB	A	Housekeeping – replacing Yield with Stop	10
(ir)	Lindsay Court	Oakridge Drive	NB	NB	A	Housekeeping – replacing Yield with Stop	10
(is)	Southmeadow Crescent	Pine Drive	SB	SB	A	Housekeeping – replacing Yield with Stop	10
(it)	Southmeadow Court	Maple Drive	SB	SB	A	Housekeeping – replacing Yield with Stop	10
(iu)	Pecan Court	Salina Place	SB	SB	A	Housekeeping – replacing Yield with Stop	10
(iv)	Seville Court	Midway Street	NB	NB	A	Housekeeping – replacing Yield with Stop	10
(iw)	Vega Crescent	Morello Place	EB	EB	A	Housekeeping – replacing Yield with Stop	10
(ix)	Greening Avenue	Juniper Drive	EB	EB	A	Housekeeping – replacing Yield with Stop	10
(iy)	Eastbury Drive (east intersection)	Basswood Court	NB	NB	A	Housekeeping – replacing Yield with Stop	10

Mike Field, Extension 4576

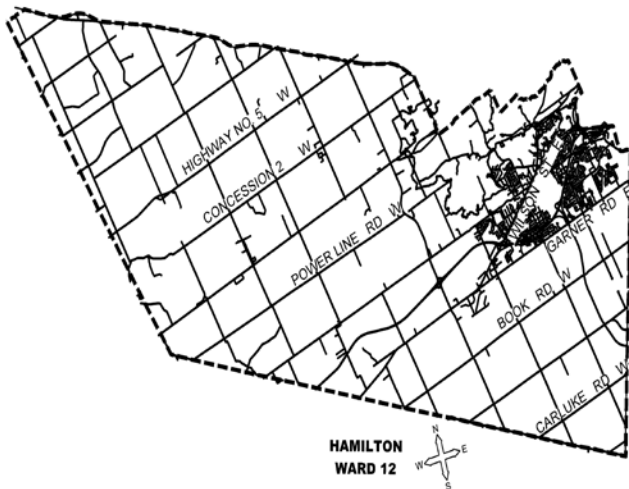
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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
Street 1	Street 2	Existing	Requested				
(iz)	Glenholme Avenue	Bel-Air Avenue	WB	WB	A	Housekeeping – replacing Yield with Stop	10
(ja)	Helena Avenue	Rosepark Avenue	NC	WB	A	Housekeeping – no stop control	10
(jb)	Cherrywood Drive	Piott Court	EB	EB	A	Housekeeping – replacing Yield with Stop	5
(jc)	Berkley Place	Terrace Drive	NB	NB	A	Housekeeping – replacing Yield with Stop	5
(jd)	Gemma Court	Mountain Avenue North	WB	WB	A	Housekeeping – replacing Yield with Stop	5
(je)	First Street North	Galbraith Drive	NB	NB	A	Housekeeping – replacing Yield with Stop	5
(jf)	Galbraith Drive	Avalon Avenue	NB/SB	NB/SB	A	Housekeeping – replacing Yield with Stop	5
(jg)	Brandow Court	Second Street North	WB	WB	A	Housekeeping – replacing Yield with Stop	5
(jh)	Grande Avenue	Pleasant Avenue	NB	NB	A	Housekeeping – replacing Yield with Stop	5
(ji)	Grande Avenue	Orlanda Road	SB	SB	A	Housekeeping – replacing Yield with Stop	5
(jj)	Alpine Avenue	Orlanda Road	SB	SB	A	Housekeeping – replacing Yield with Stop	5
(jk)	Bayonne Drive	Picardy Drive	NC	WB	B	New subdivision, Clr approved	9
(jl)	Talence Drive	Picardy Drive	NC	WB	B	New subdivision, Clr approved	9
(jm)	Chaumont Drive	Lormont Boulevard	NC	NB	A	New subdivision, Clr approved	9

LegendNo Control Existing (New Subdivision) - **NC**Intersection Class: **A** - Local/Local **B** - Local/Collector **C** - Collector/Collector



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Briar Hill Crescent at Broad Leaf Crescent, Stonegate Drive at Briar Hill Crescent, Deervalley Road at Green Ravine Drive, Briar Hill Crescent at Broad Leaf Crescent, Cottonwood Court at Highvalley Road, Longfield Crescent at Broad Leaf Crescent, Briar Hill Crescent at Broad Leaf Crescent, Marigold Court at Longfield Crescent, Briar Hill Crescent at Longfield Crescent

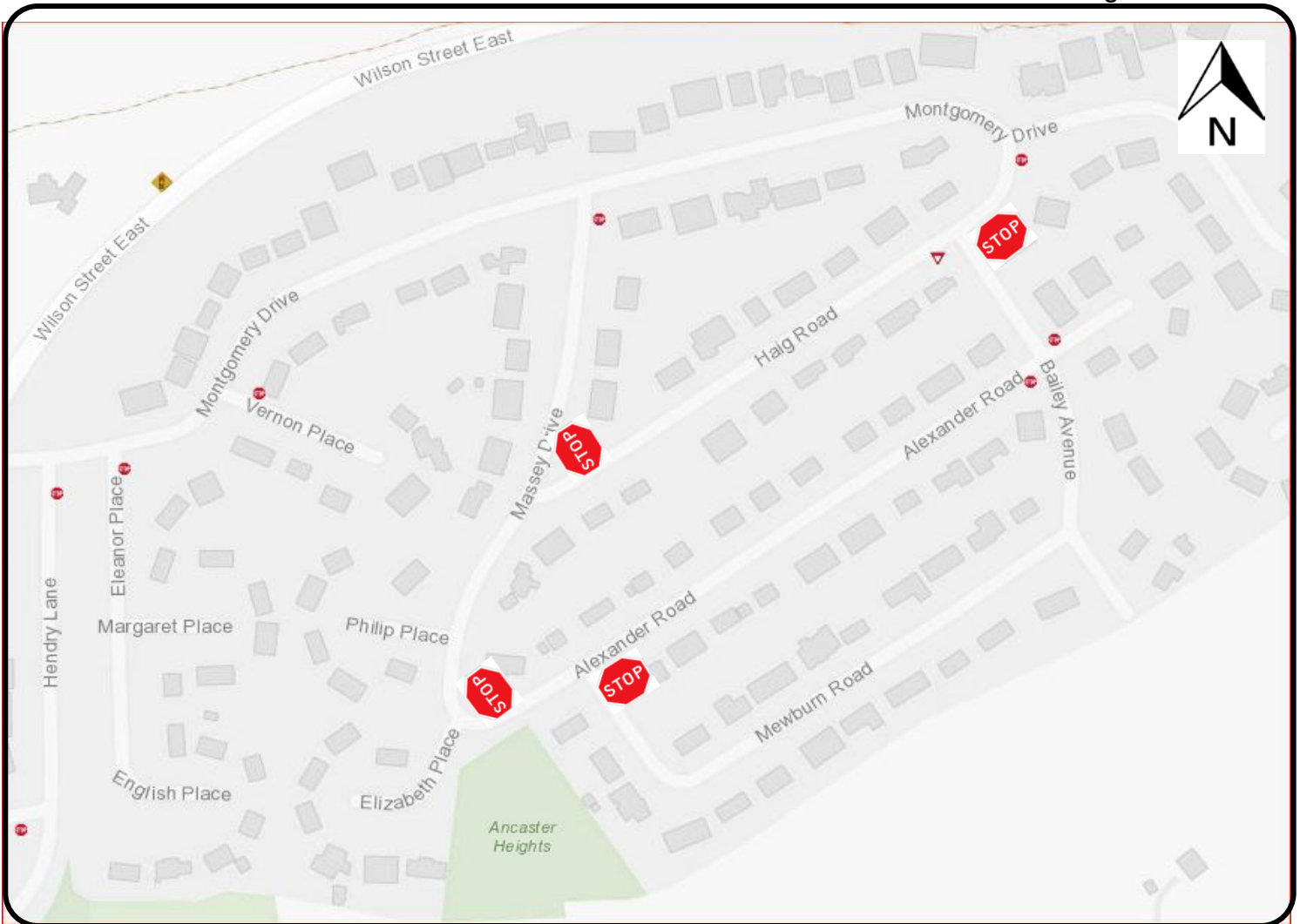
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

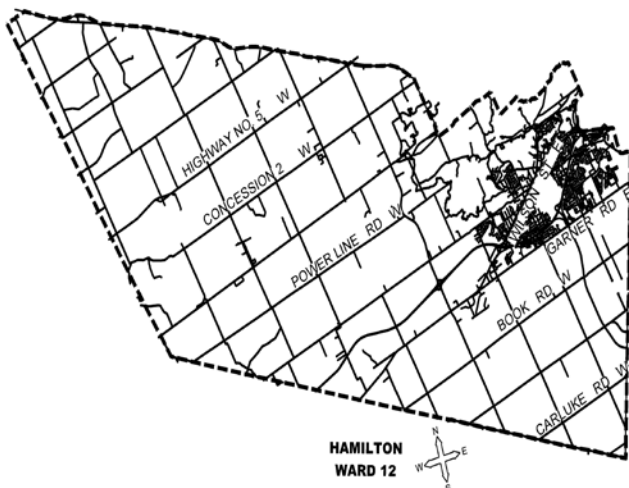
- EXISTING STOP
- PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:
 Bailey Avenue at Haig Road, Haig Road at Massey Drive, Alexander Road at Massey Drive, Mewburn Road at Alexander Road

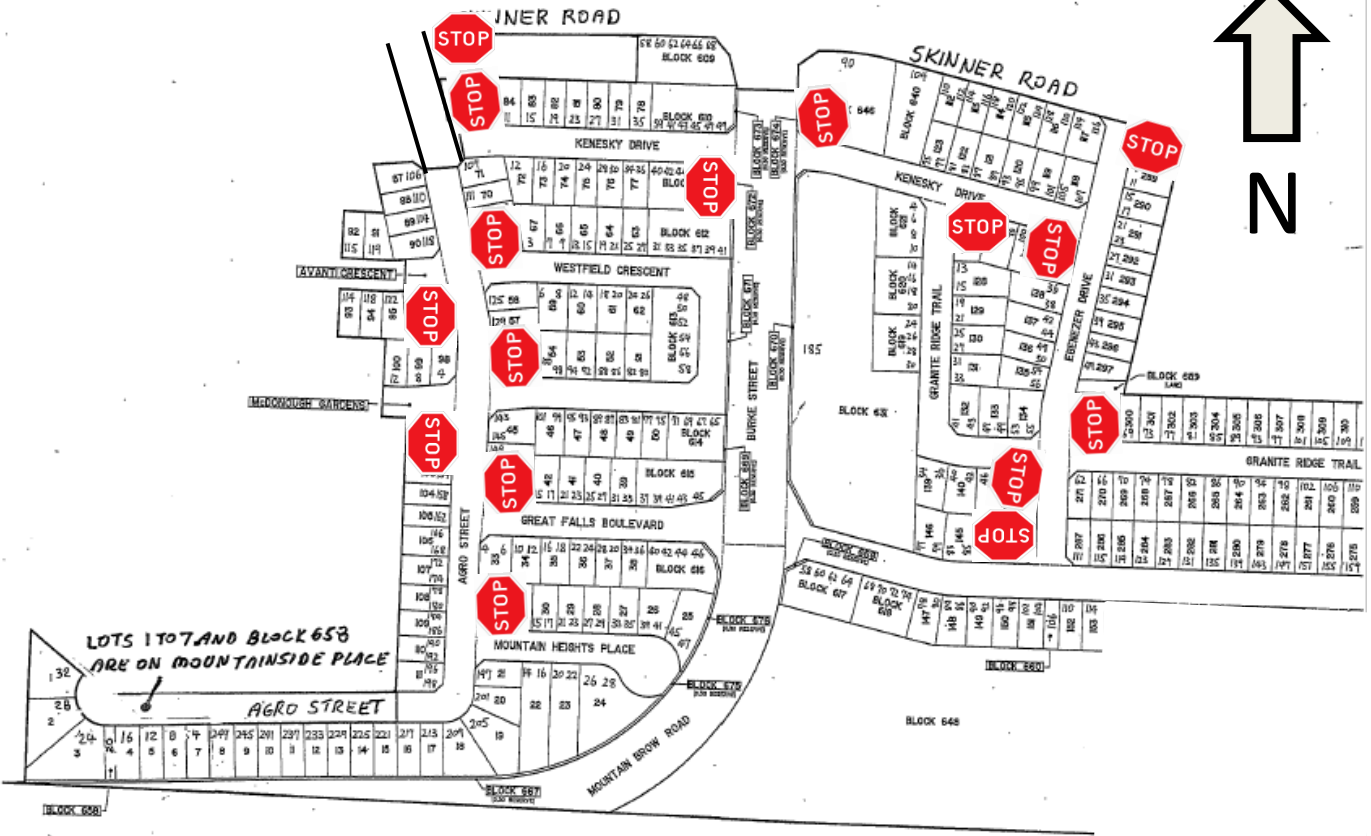
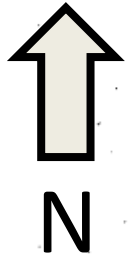
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 PUBLIC WORKS DEPARTMENT

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- EXISTING STOP
- STOP PROPOSED STOP

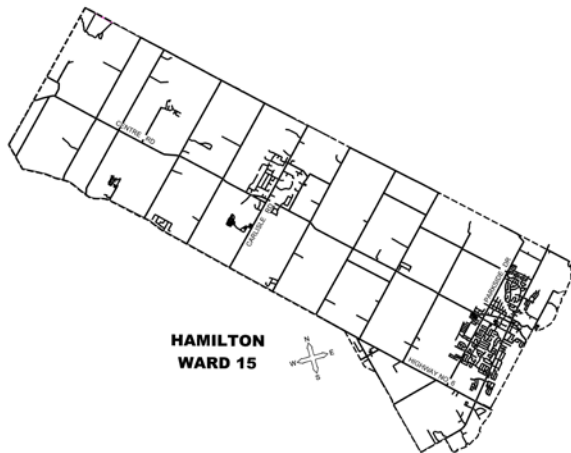
SCALE
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DATE
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REVISED PAGE

KEY MAP



HAMILTON
WARD 15

LOCATION PLAN

PROPOSED STOP CONTROL:

McDonough Gardens at Agro Street, Westfield Crescent at Agro Street, Avanti Crescent at Agro Street, Kenesky Drive at Agro Street, Kenesky Drive at Burke Street, Kenesky Drive at Burke Street, Kenesky Drive at Ebenezer Drive, Granite Ridge Trail at Kenesky Drive, Granite Ridge Trail at Ebenezer Drive, Granite Ridge Trail at Ebenezer Drive, Agro Street at Skinner Road, Mountain Heights Place at Agro street, Great Falls Boulevard at Agro Street, Ebenezer Drive at Great Falls Boulevard, Ebenezer Drive at Skinner Road

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

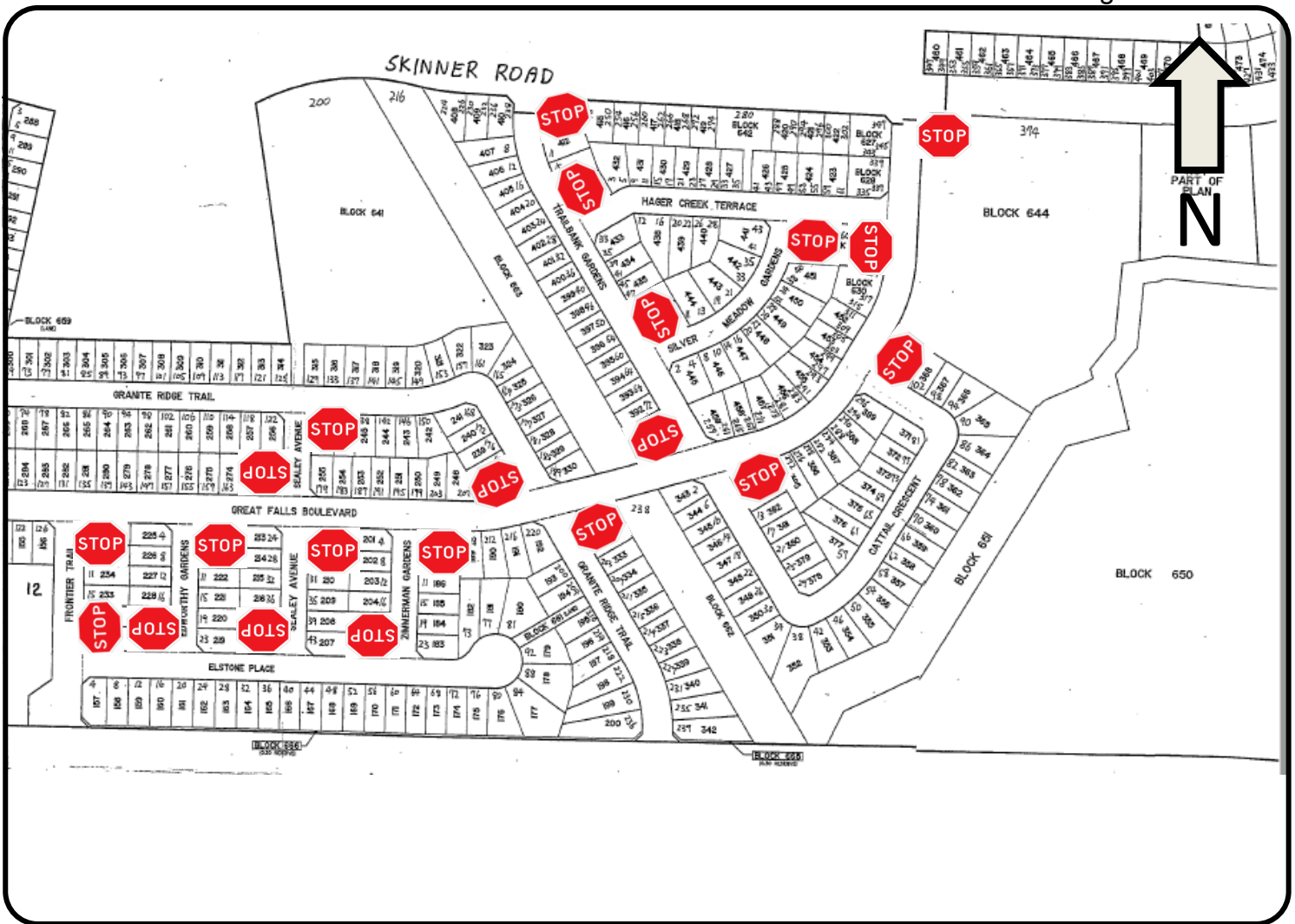
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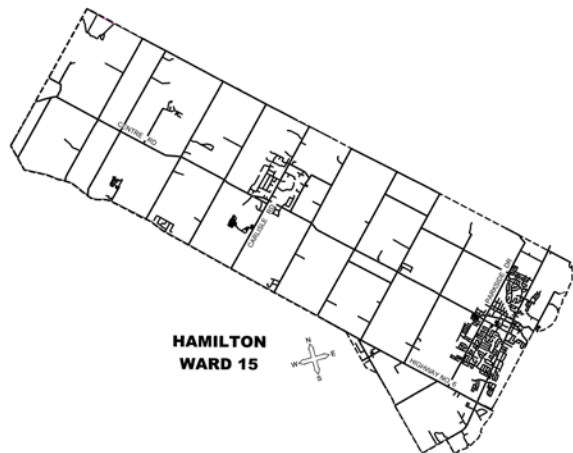
STOP PROPOSED STOP

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DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 15

LOCATION PLAN

PROPOSED STOP CONTROL:

Great Falls Boulevard at Skinner Road, Granite Ridge Trail at Great Falls Boulevard, Granite Ridge Trail at Great Falls Boulevard, Sealey Avenue at Granite Ridge Trail, Sealey Avenue at Great Falls Boulevard, Sealey Avenue at Great Falls Boulevard, Frontier Trail at Great Falls Boulevard, Edworthy Gardens at Great Falls Boulevard, Edworthy Gardens at Elstone Place, Elstone Place at Frontier Place, Zimmerman Gardens at Great Falls Boulevard, Zimmerman Gardens at Elstone Place, Trailbank Gardens at Skinner Road, Trailbank Gardens at Great Falls Boulevard, Hager Creek Terrace at Trailbank Gardens, Hager Creek Terrace at Great Falls Boulevard, Silver Meadow Gardens at Trailbank Gardens, Silver Meadow Gardens at Hager Creek Terrace, Cattail Crescent at Great Falls Boulevard

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

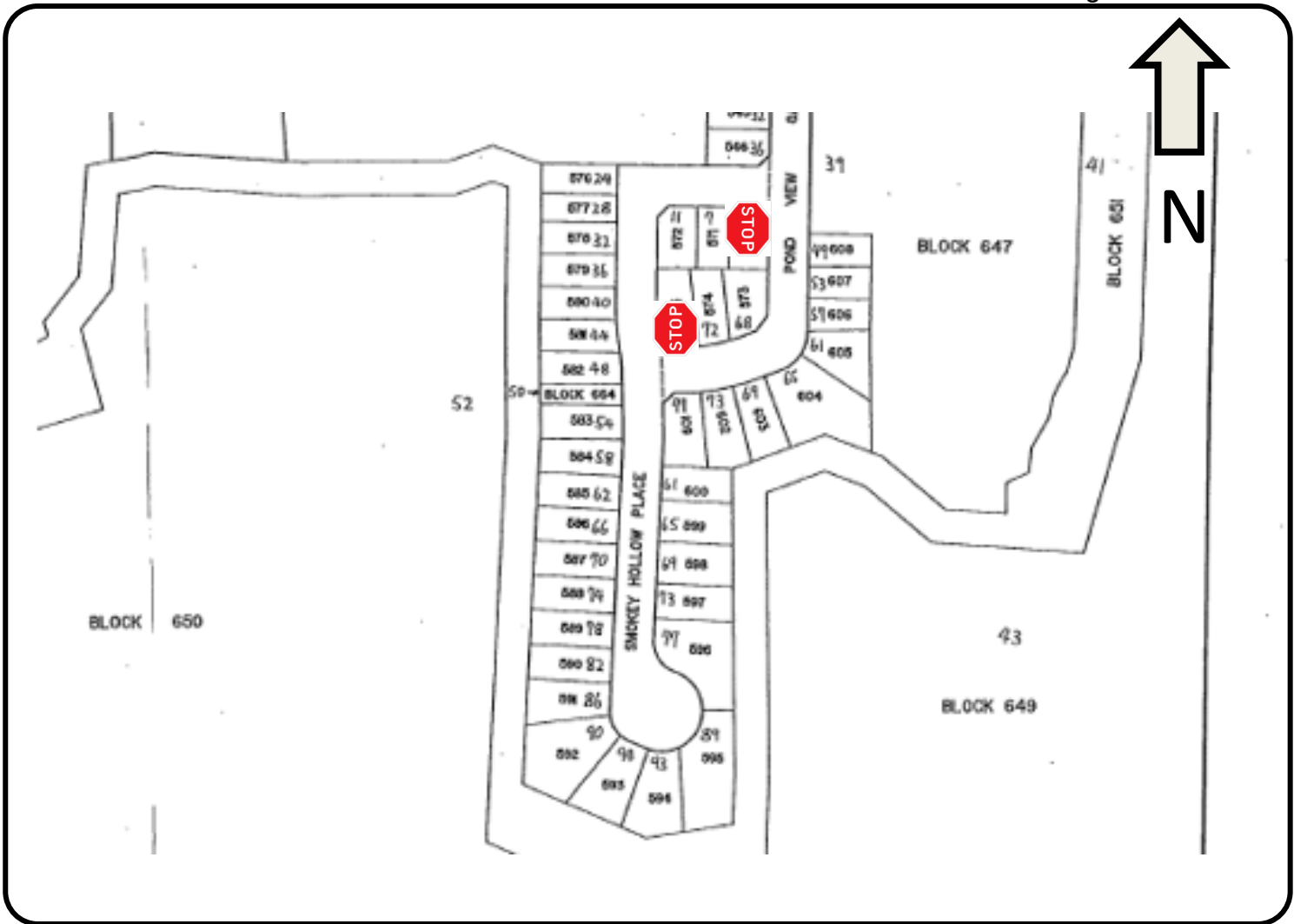
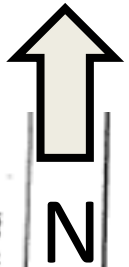
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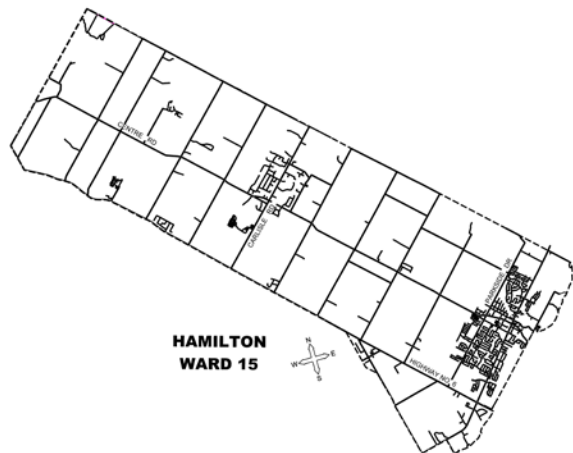
STOP PROPOSED STOP

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KEY MAP



HAMILTON
WARD 15

LOCATION PLAN

PROPOSED STOP CONTROL:

Pond View Gate at Smokey Hollow Place
Smokey Hollow Place at Pond View Gate

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

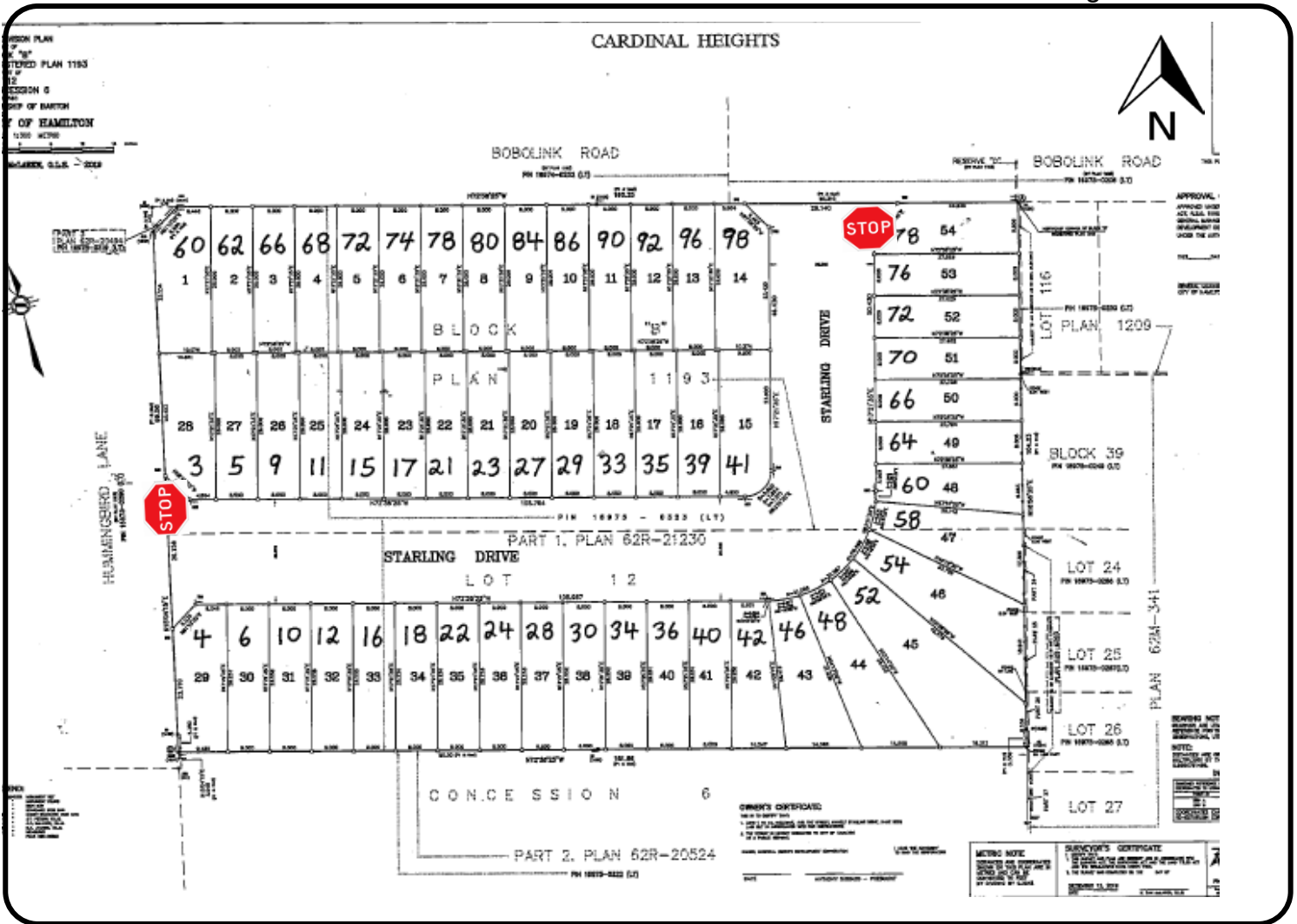
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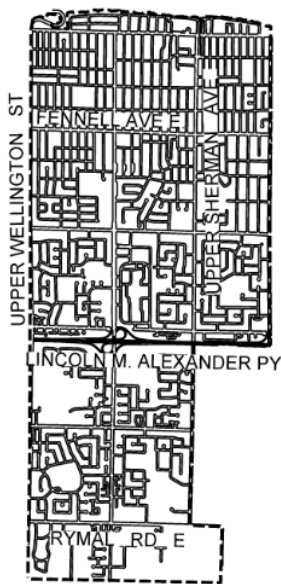
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KEY MAP



HAMILTON
WARD 7



LOCATION PLAN

PROPOSED STOP CONTROL:

**Bobolink Road at Starling Drive,
Hummingbird Lane at Starling Drive**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

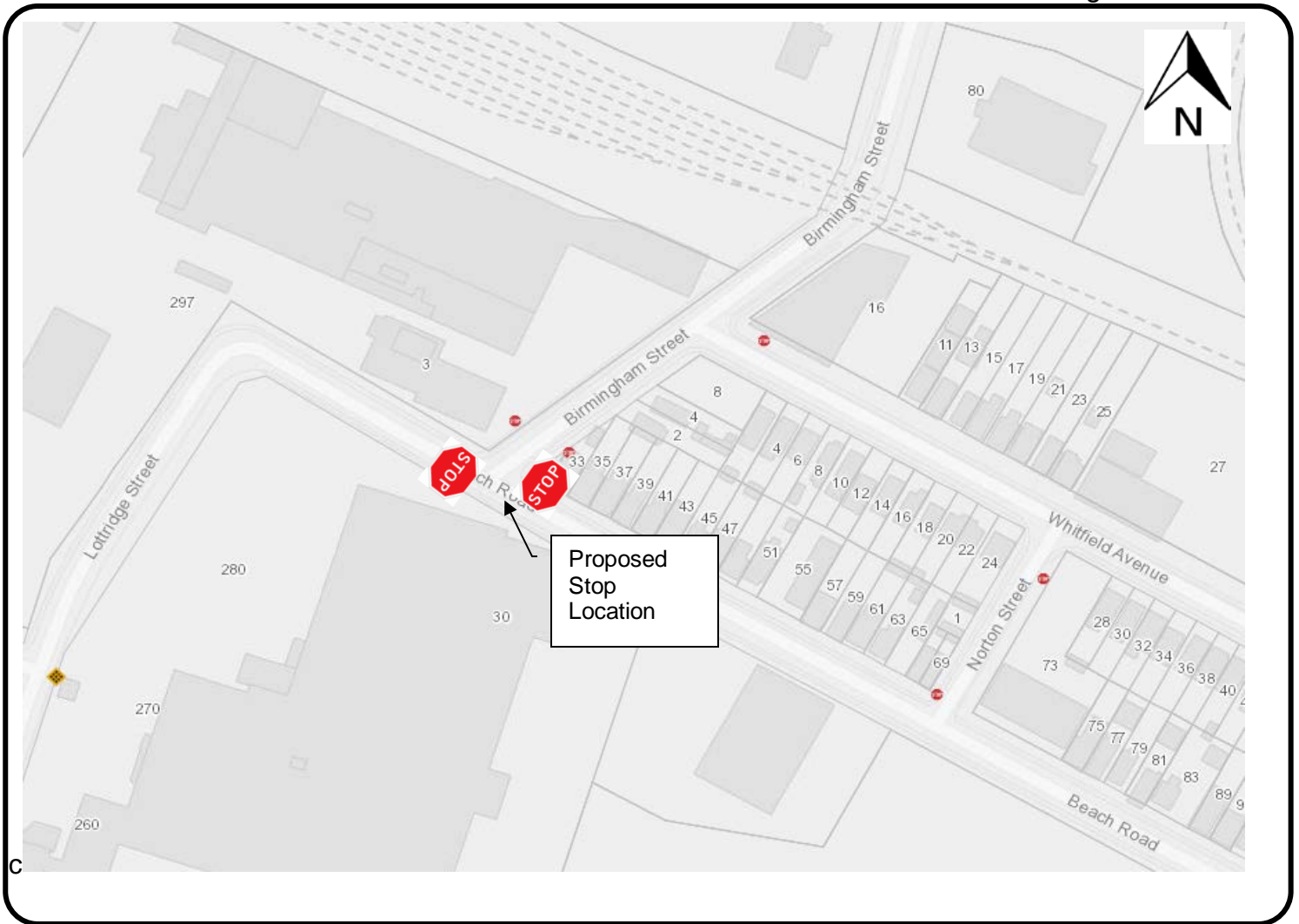
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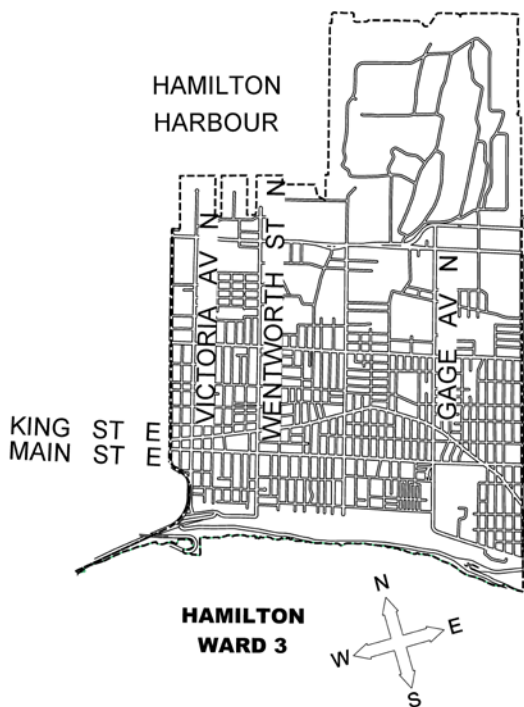
 PROPOSED STOP

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DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Beach Boulevard at Birmingham Street

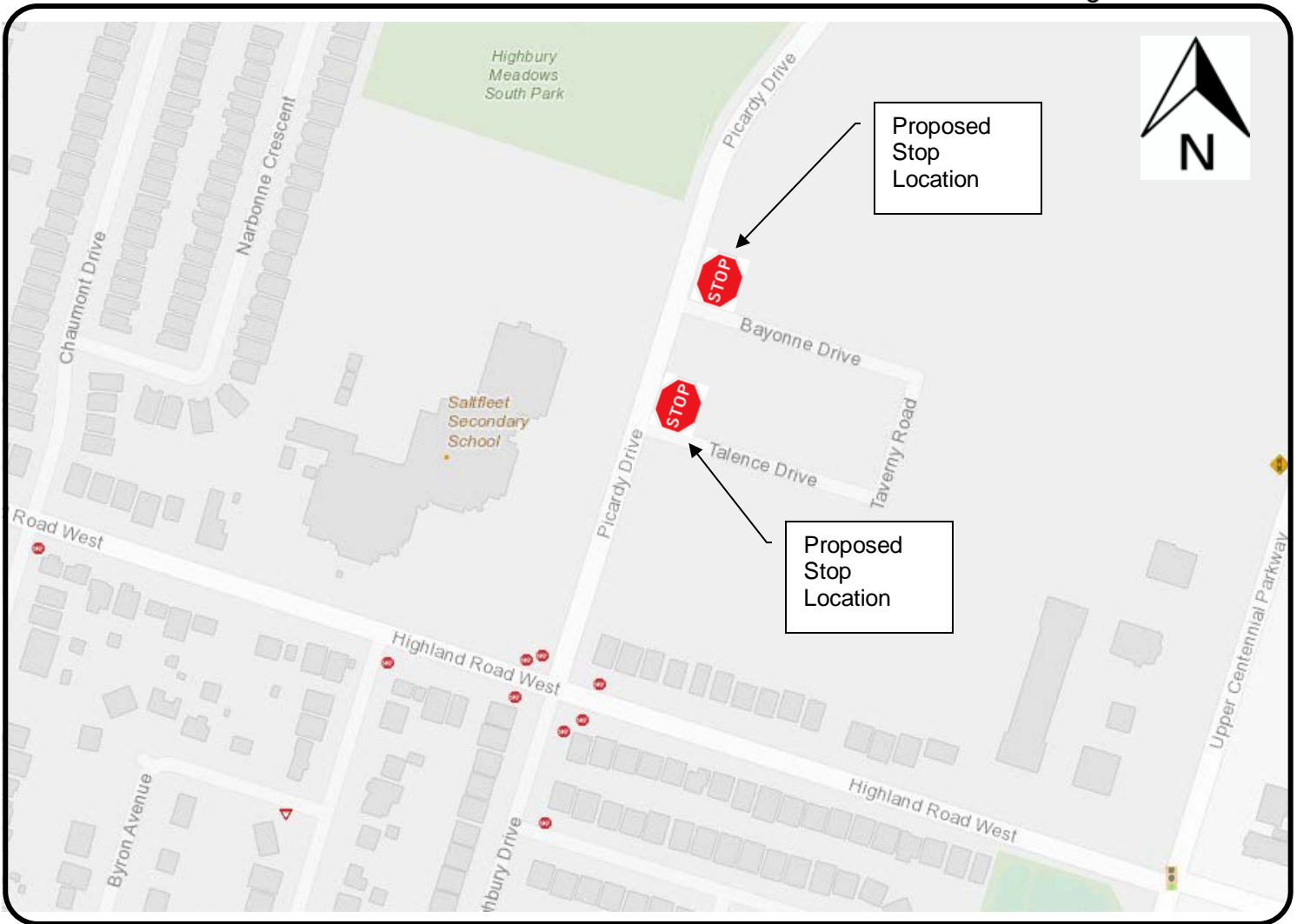
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

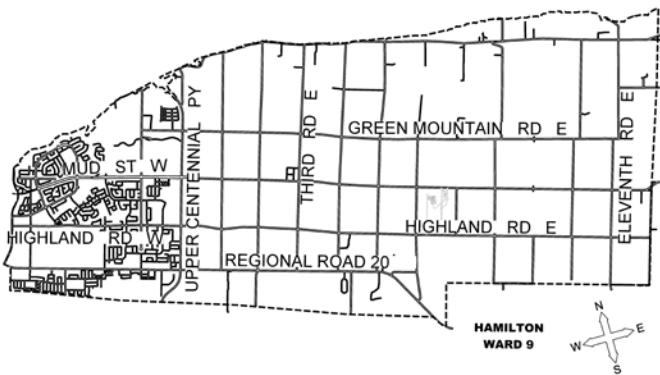
- EXISTING STOP
- ◻ STOP PROPOSED STOP

SCALE
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DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Bayonne Drive at Picardy Drive
Talence Drive at Picardy Drive**

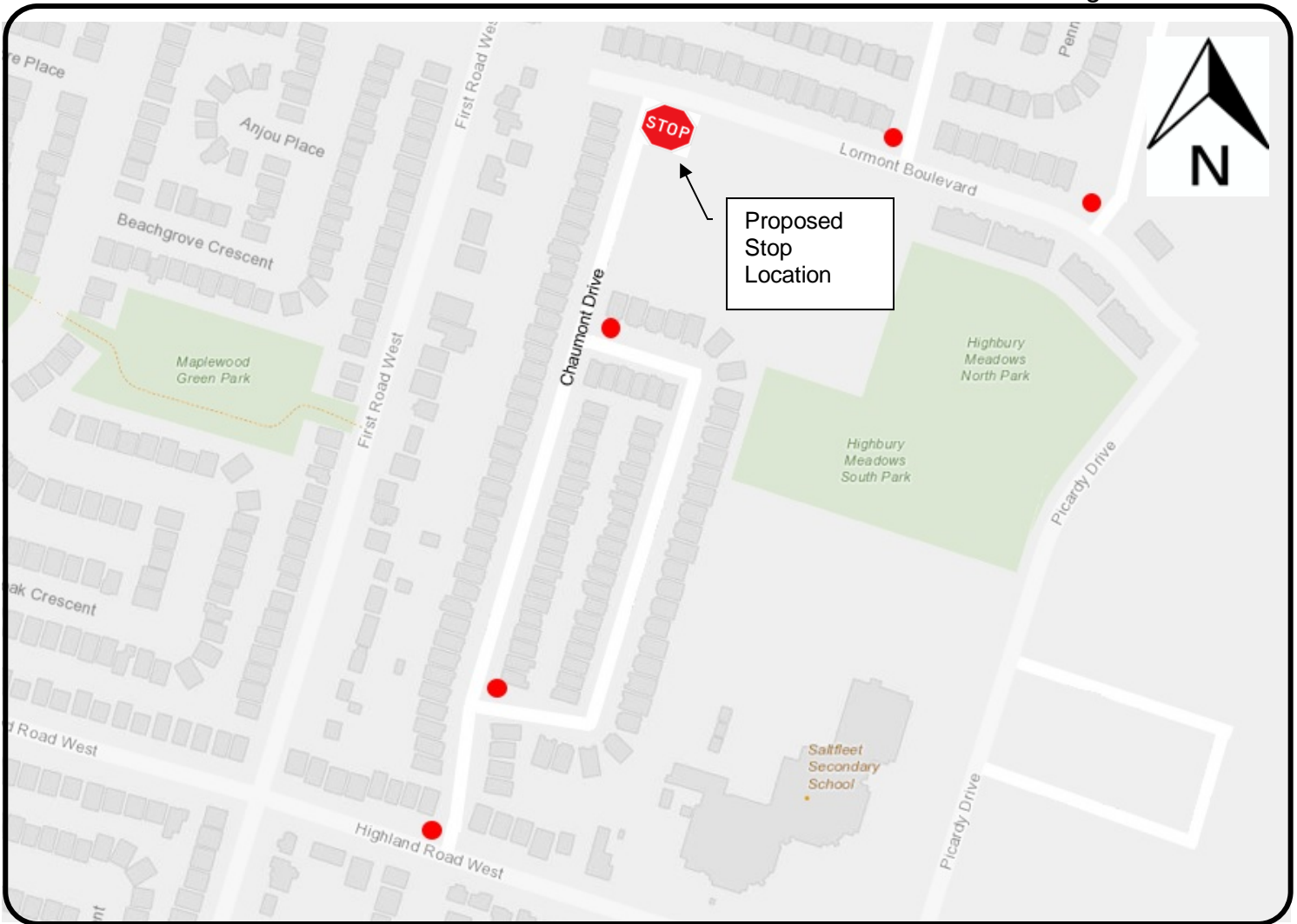
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

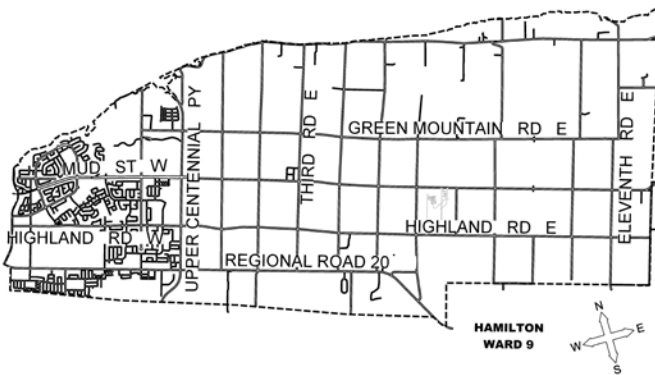
- EXISTING STOP
- PROPOSED STOP

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DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Chaumont Drive at Lormont Boulevard

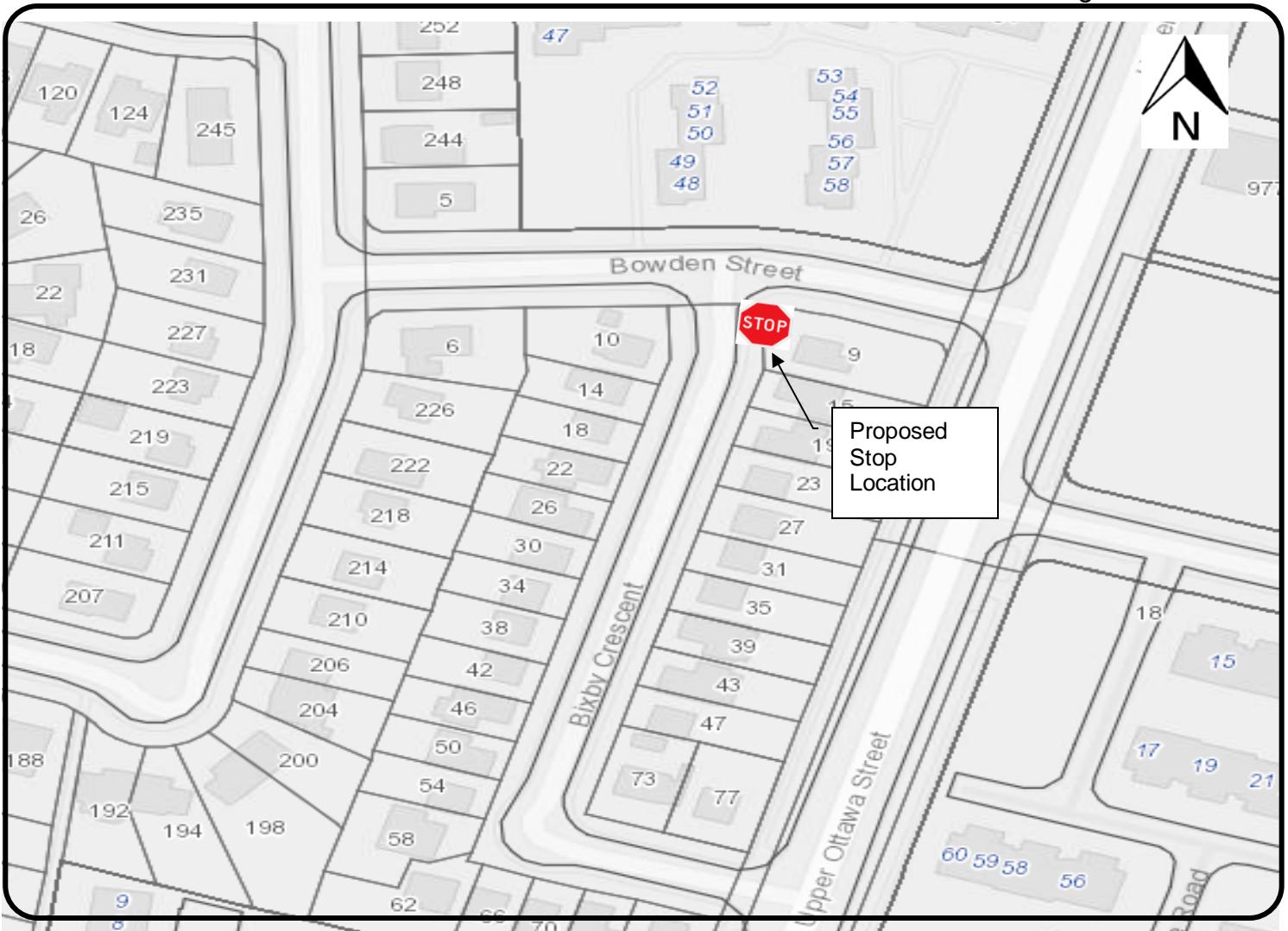
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PUBLIC WORKS DEPARTMENT

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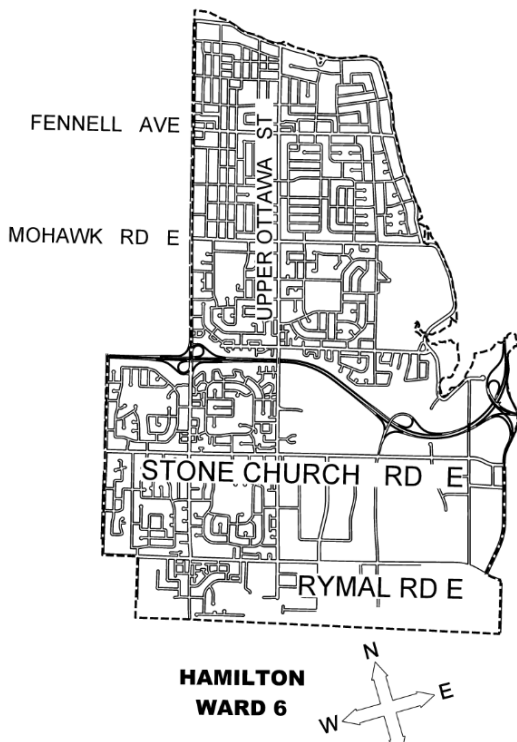
- EXISTING STOP
- PROPOSED STOP

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DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Bixby Crescent at Bowden Street

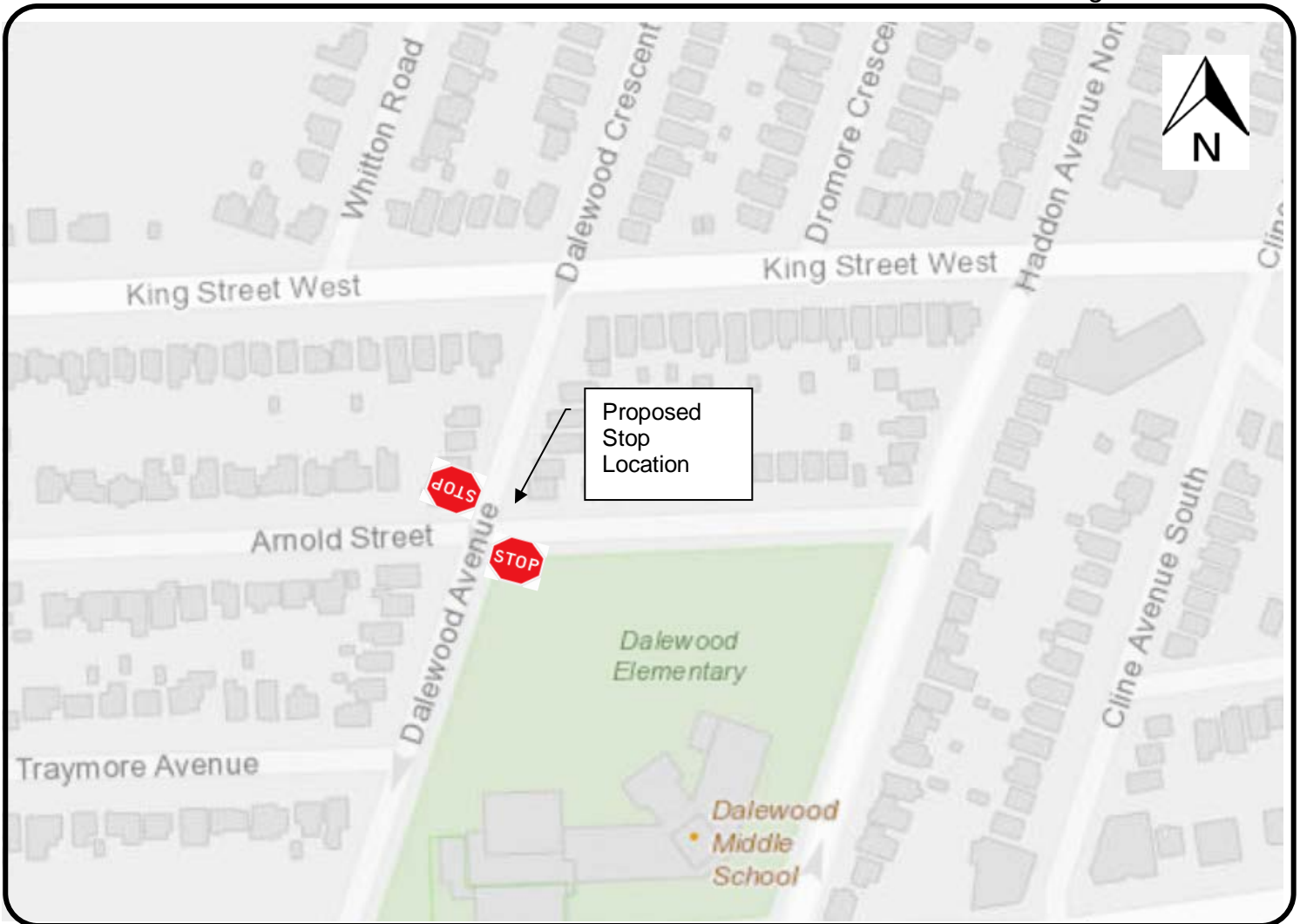
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

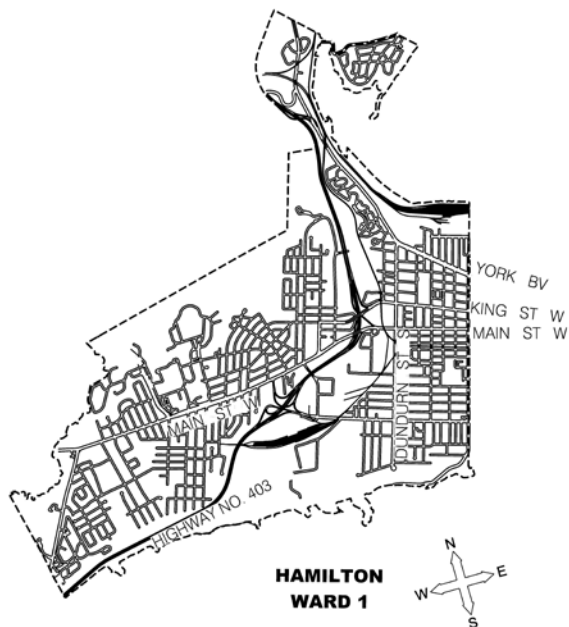
- EXISTING STOP
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DATE
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KEY MAP




LOCATION PLAN

PROPOSED STOP CONTROL:

Dalewood Avenue at Arnold Street

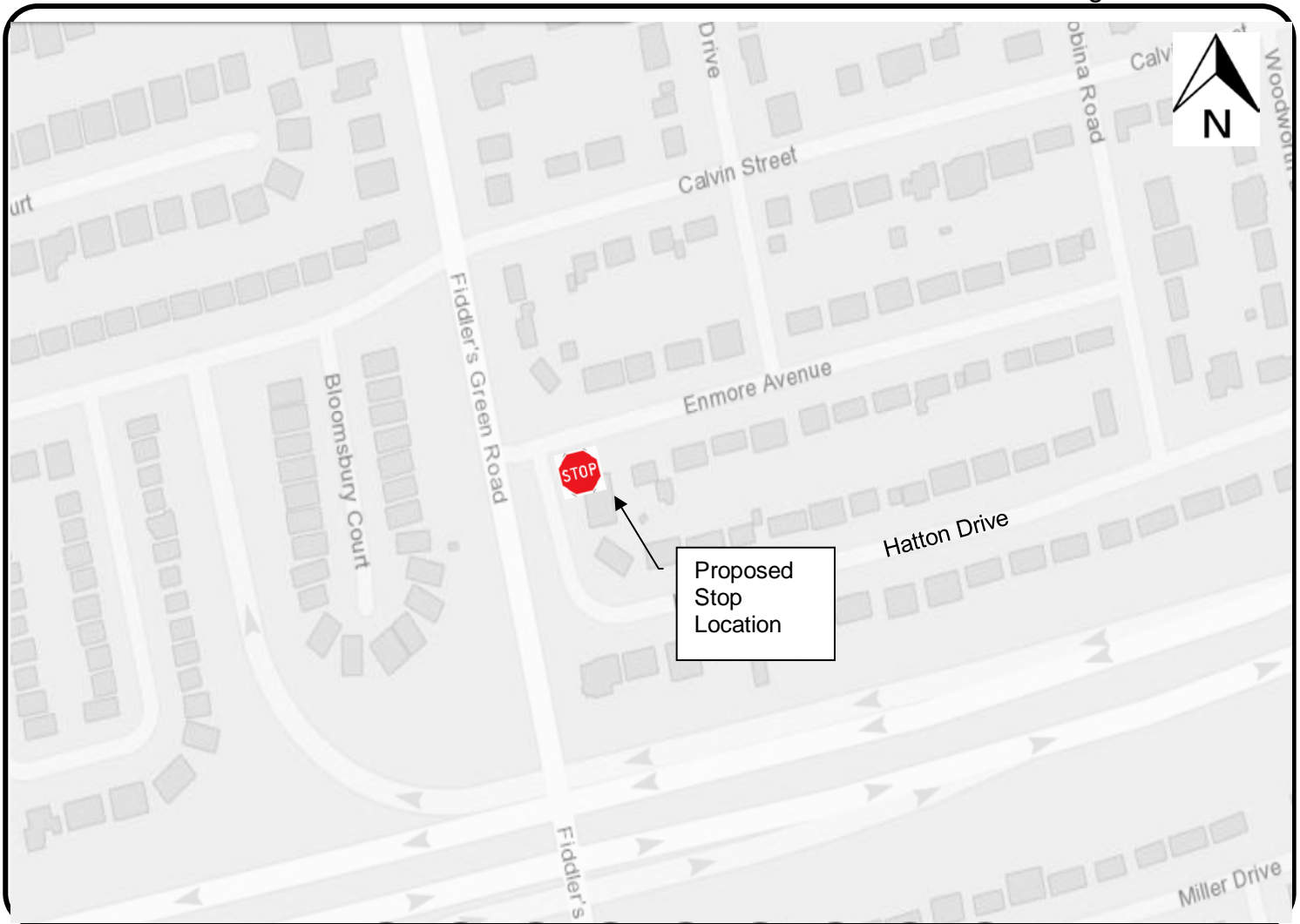
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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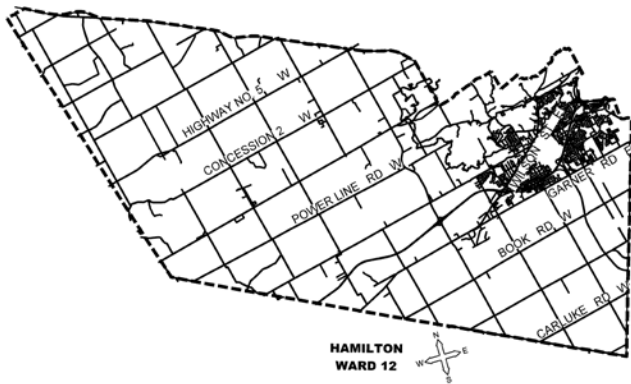
- EXISTING STOP
-  PROPOSED STOP

SCALE
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September 10, 2021



KEY MAP



HAMILTON
WARD 12

LOCATION PLAN

PROPOSED STOP CONTROL:

Hatton Drive at Enmore Avenue

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

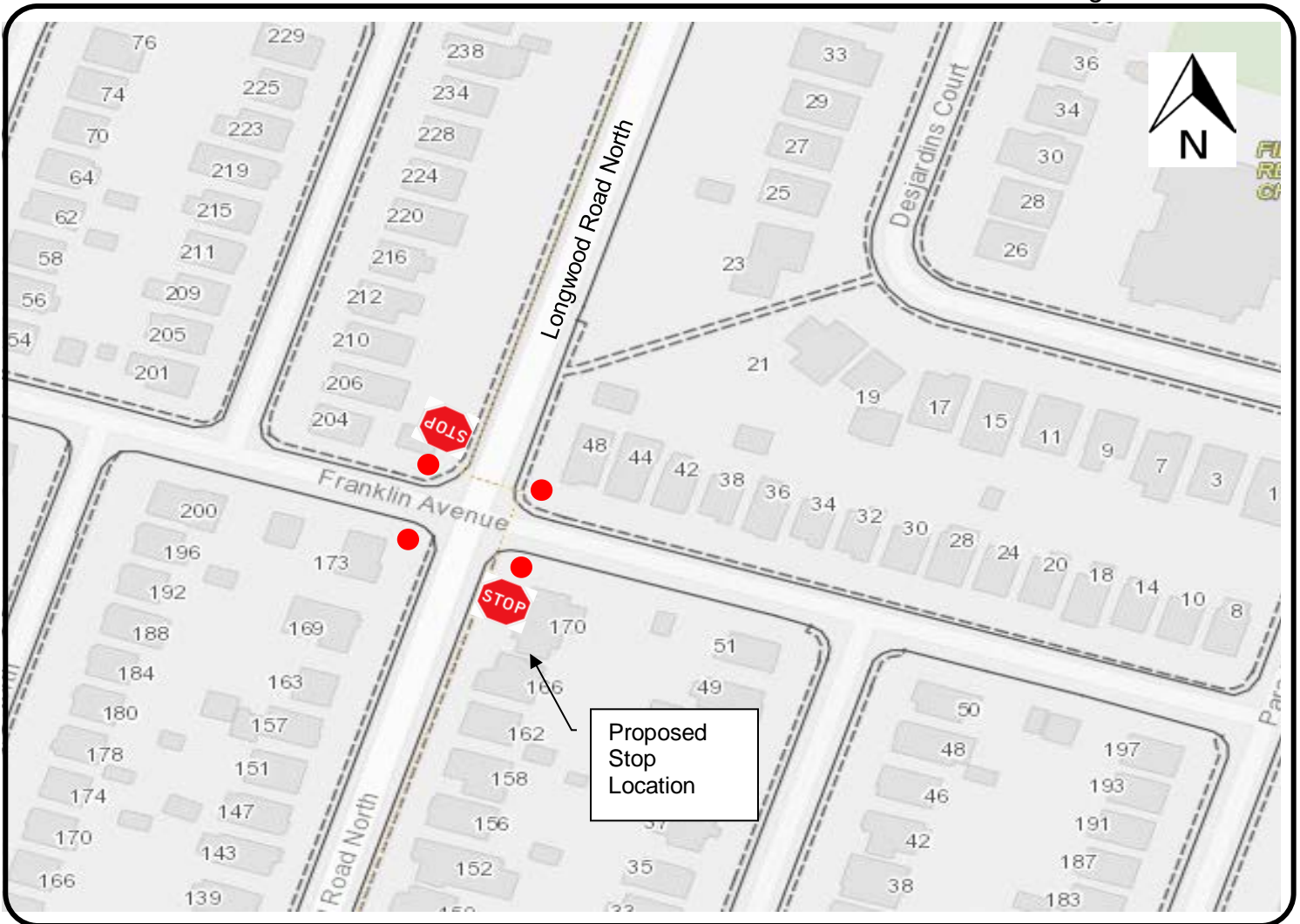
LEGEND

● EXISTING STOP

STOP PROPOSED STOP

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DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Longwood Road North at Franklin Avenue

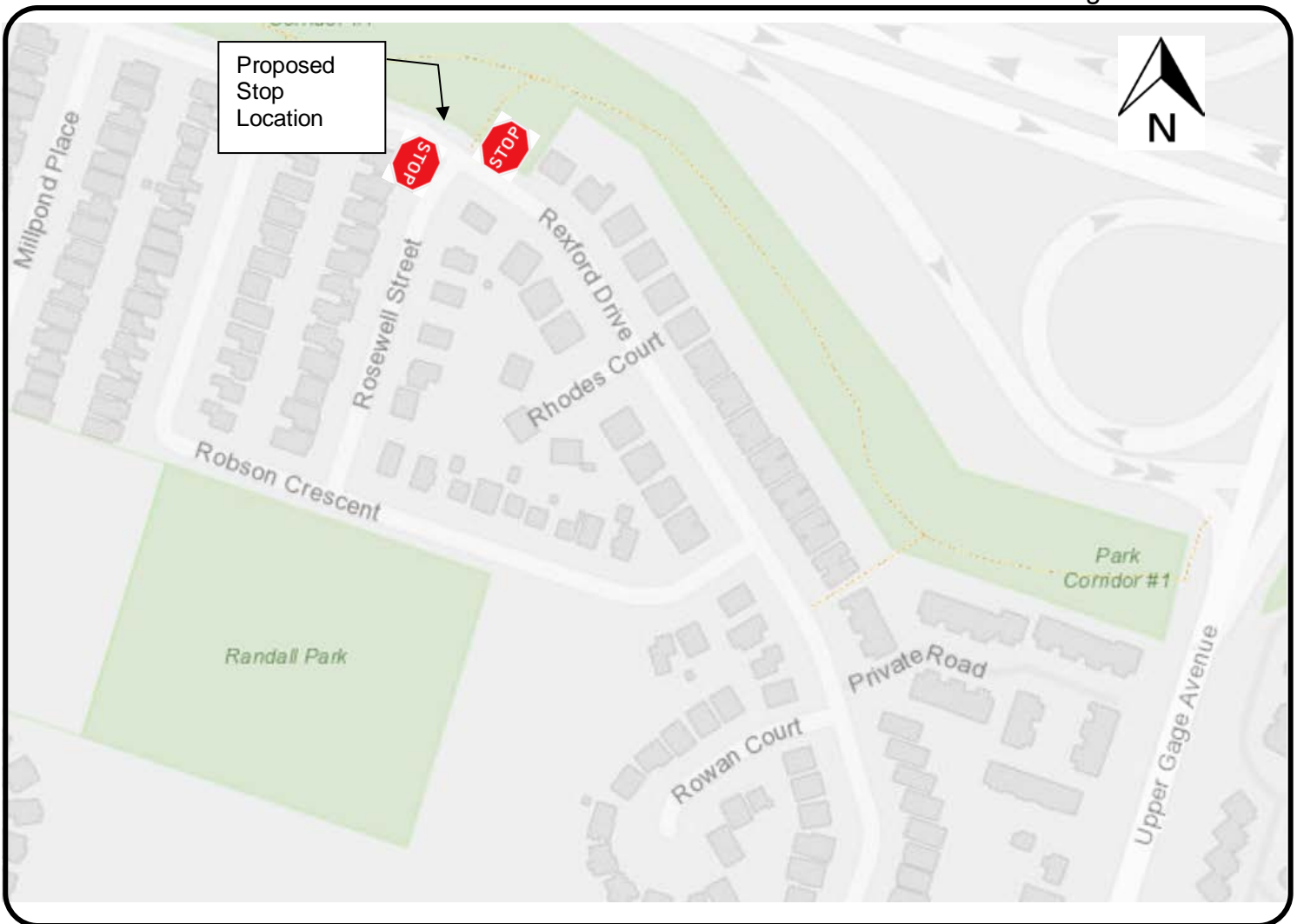
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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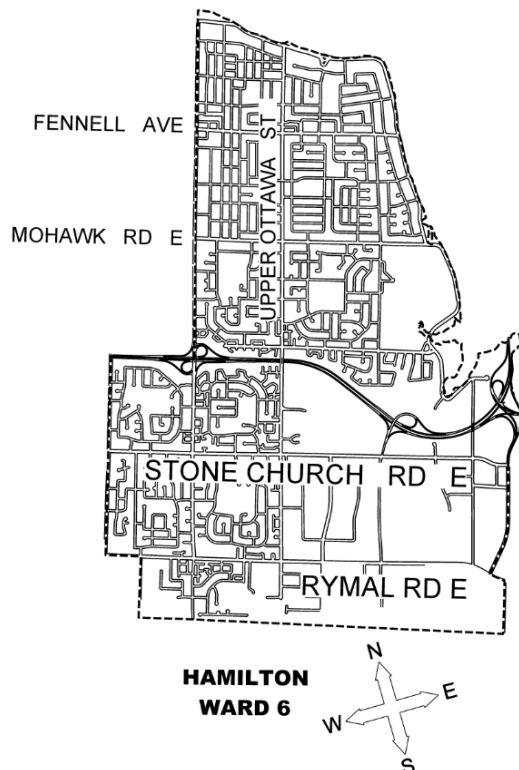
- EXISTING STOP
- PROPOSED STOP

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DATE
September 10, 2021



KEY MAP




LOCATION PLAN

PROPOSED STOP CONTROL:

Rexford Drive at Rosewell Street

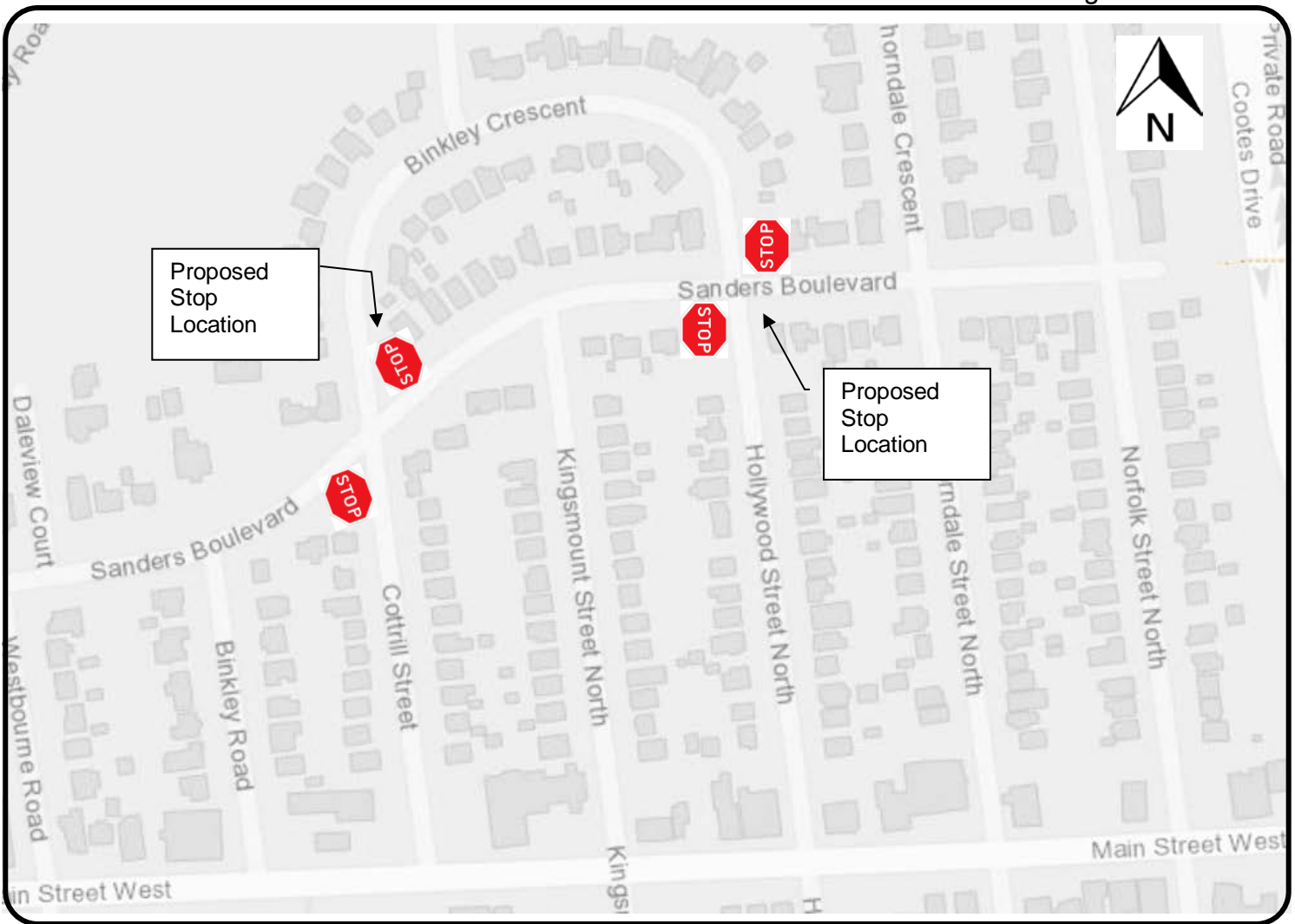
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

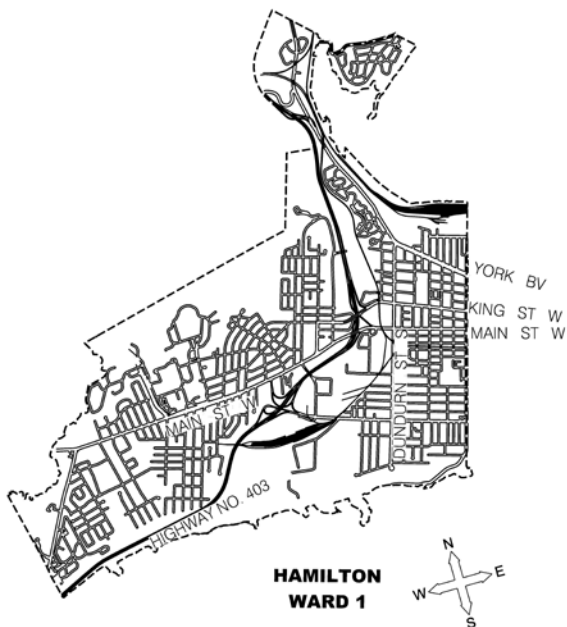
- EXISTING STOP
-  PROPOSED STOP

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DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 1**

LOCATION PLAN

PROPOSED STOP CONTROL:

**Sanders Boulevard at Cottrill Street/Binkley Crescent
Sanders Boulevard at Hollywood Street North/Binkley Crescent**

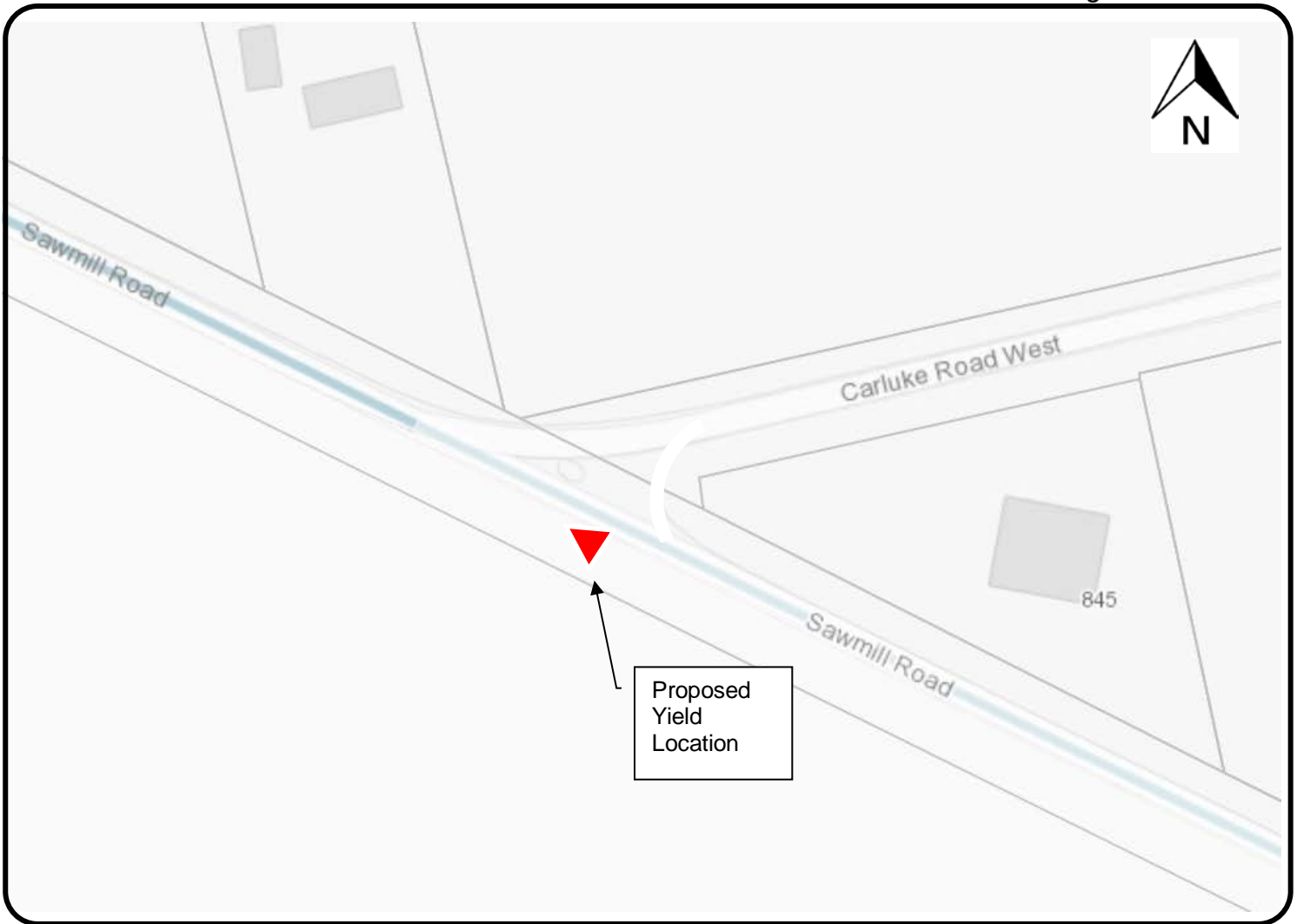
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

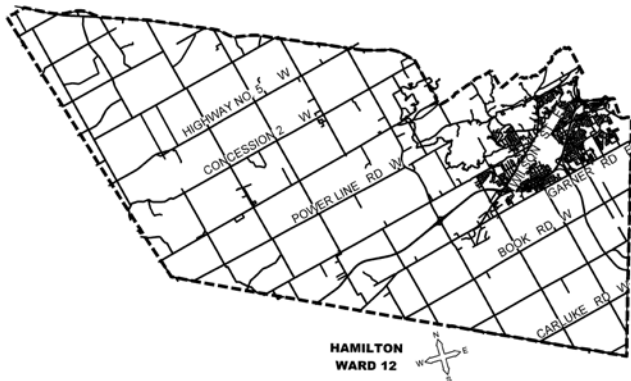
- EXISTING STOP
- PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Sawmill Road at Carluke Road West

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

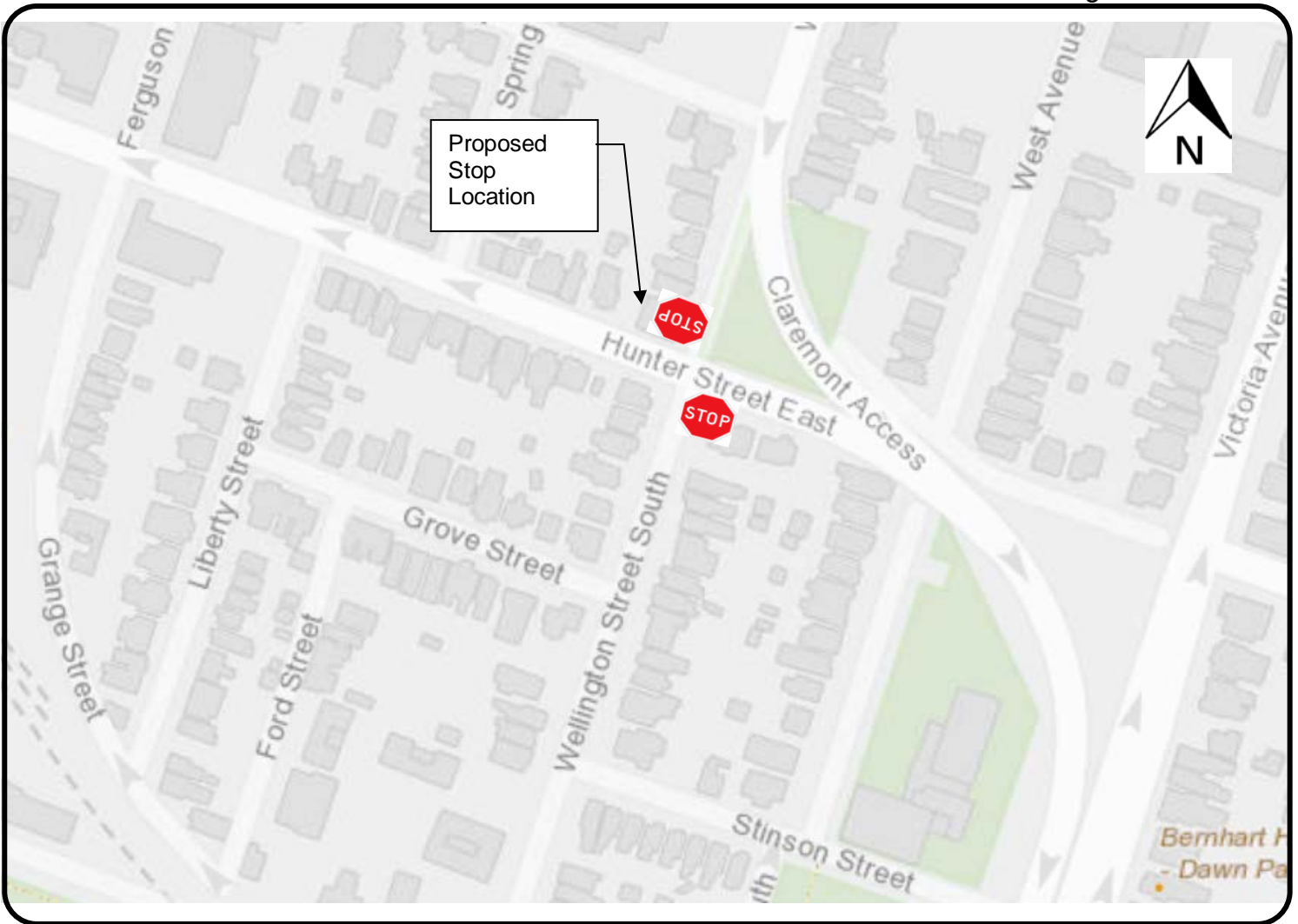
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● EXISTING STOP

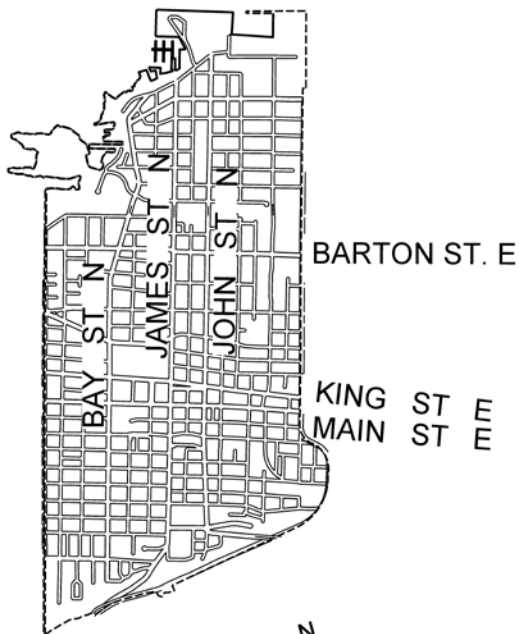
● STOP PROPOSED STOP

SCALE
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DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 2**



LOCATION PLAN

PROPOSED STOP CONTROL:

Wellington Street South at Hunter Street East

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

● EXISTING STOP

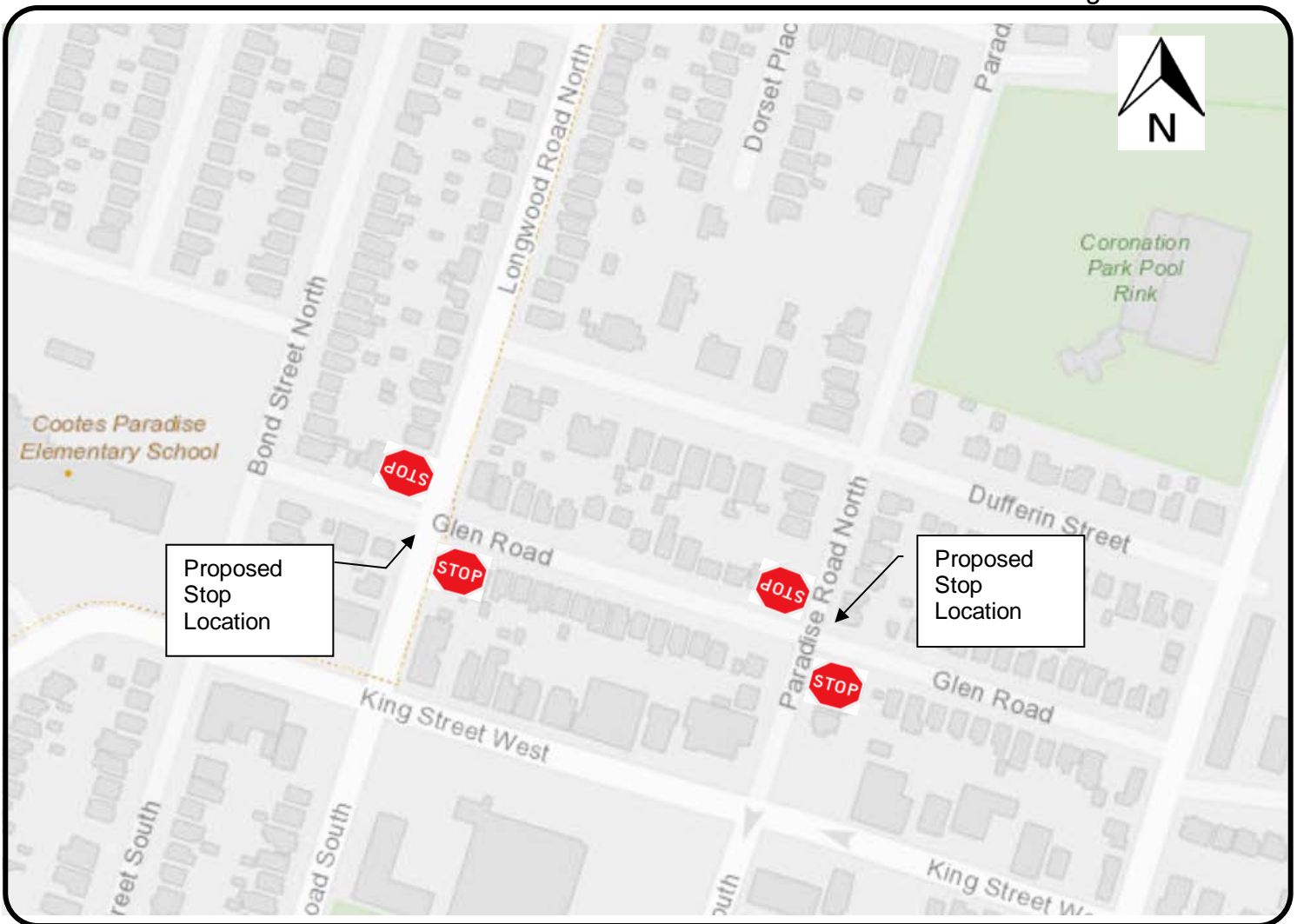
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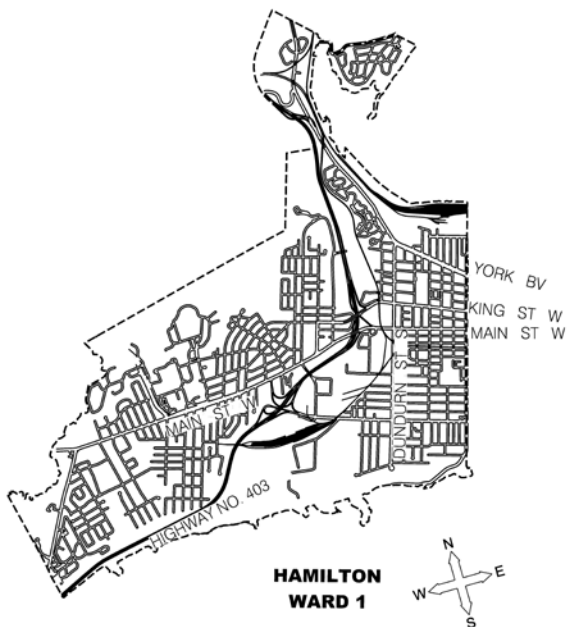
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DATE

September 10, 2021



KEY MAP



**HAMILTON
WARD 1**


LOCATION PLAN

PROPOSED STOP CONTROL:

**Longwood Road North at Glen Road
Paradise Road North at Glen Road**

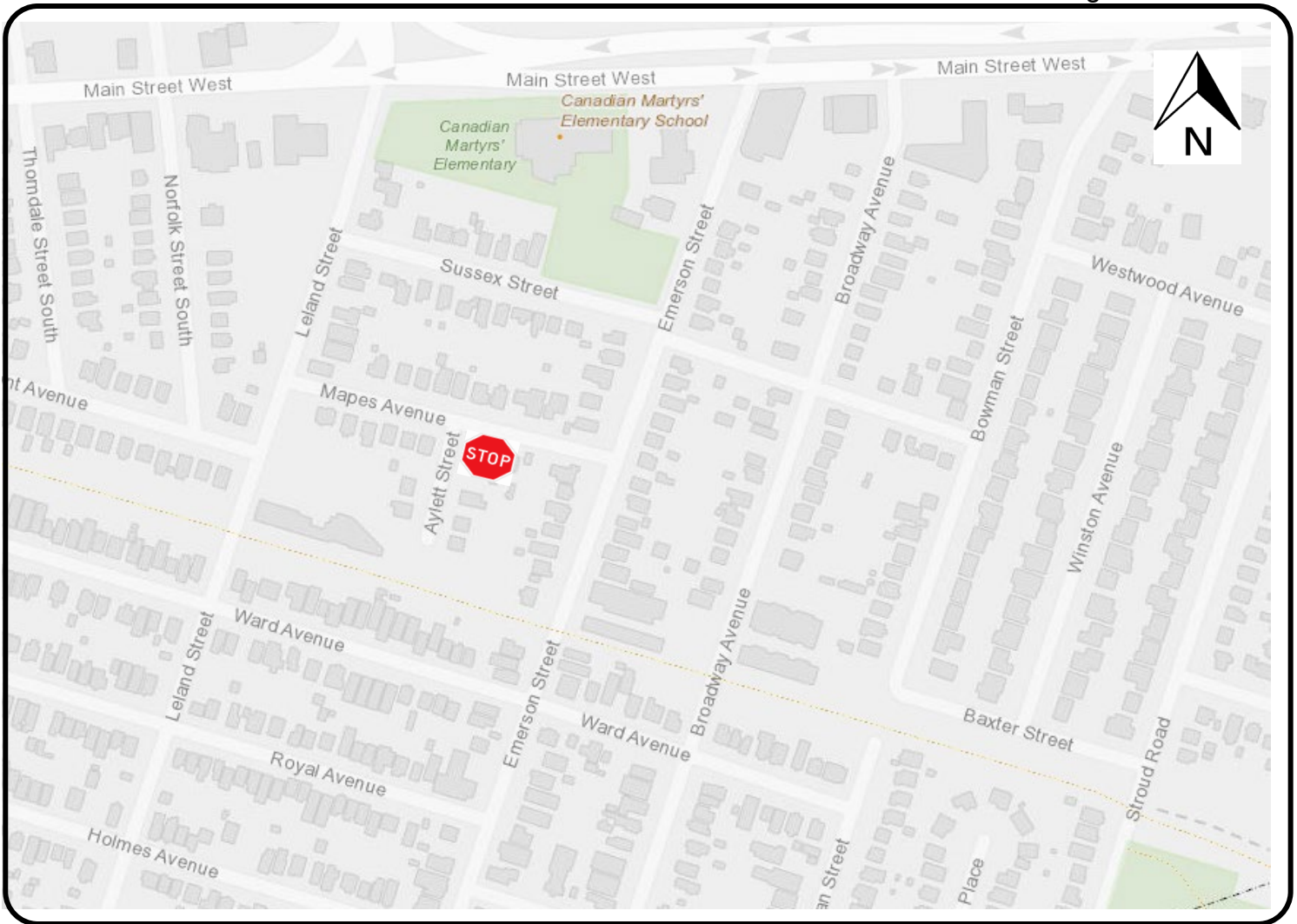
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

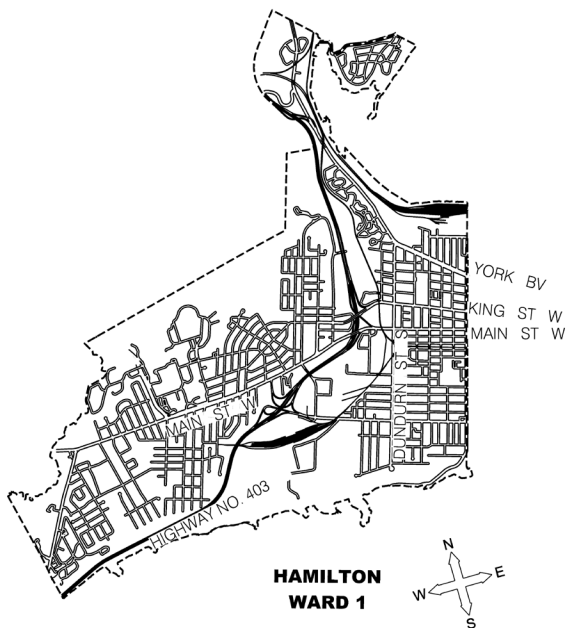
- EXISTING STOP
-  PROPOSED STOP

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DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 1**

LOCATION PLAN

PROPOSED STOP CONTROL:

Aylett Street at Mapes Avenue

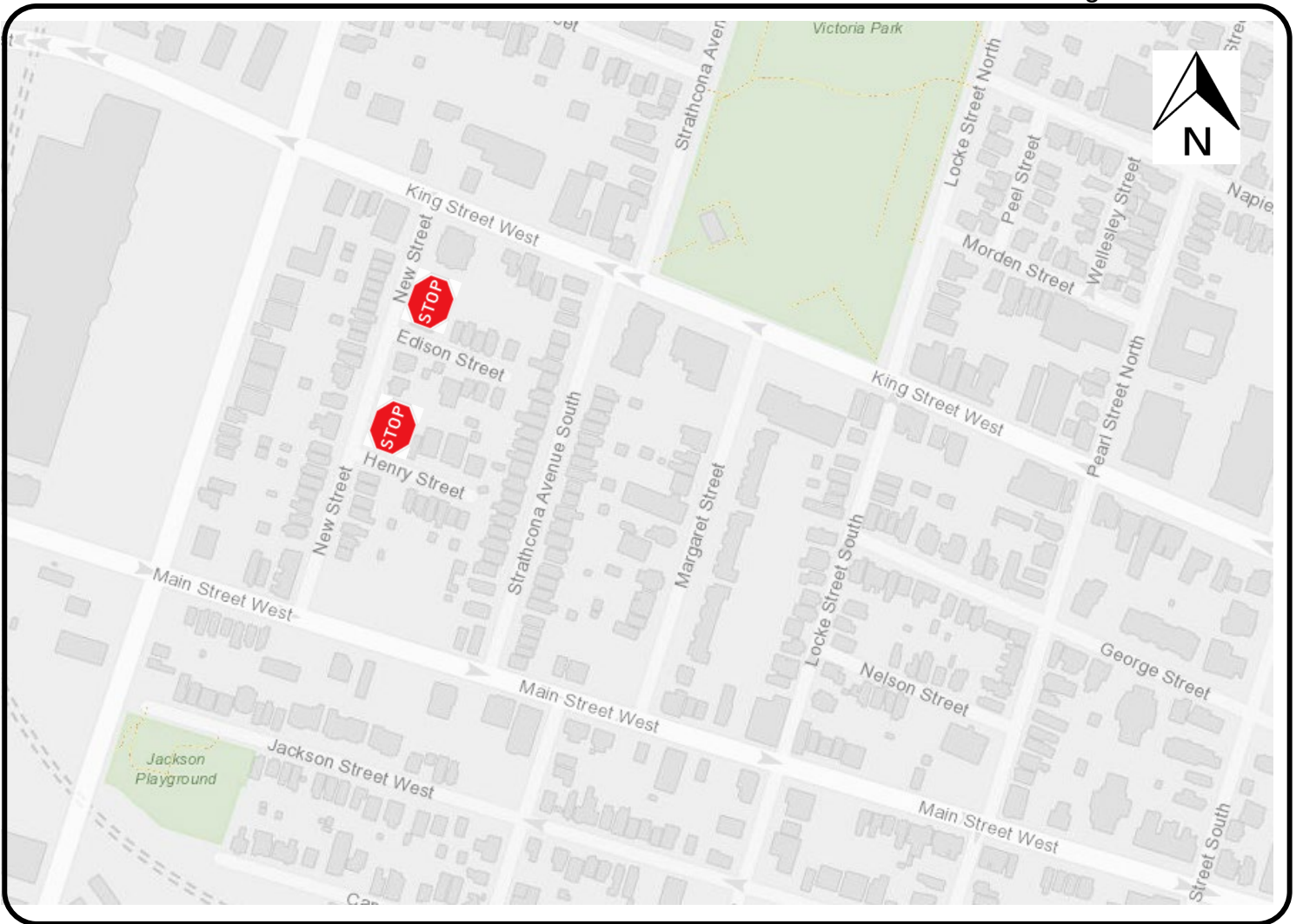
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

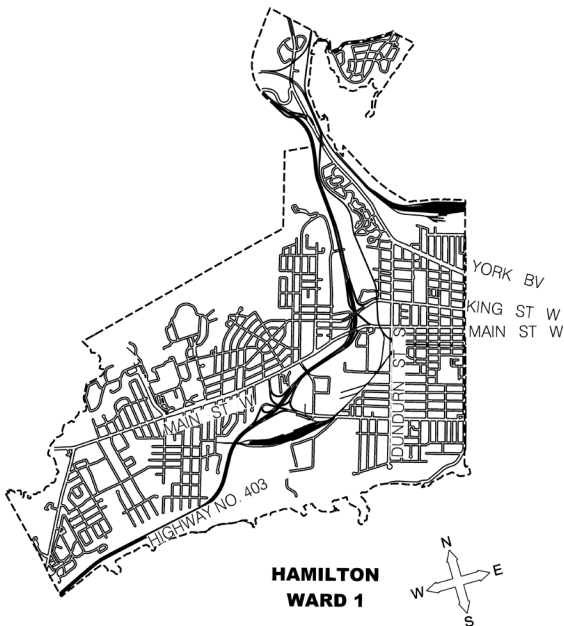
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 1**

LOCATION PLAN

PROPOSED STOP CONTROL:

**Henry Street at New Street
Edison Street at New Street**

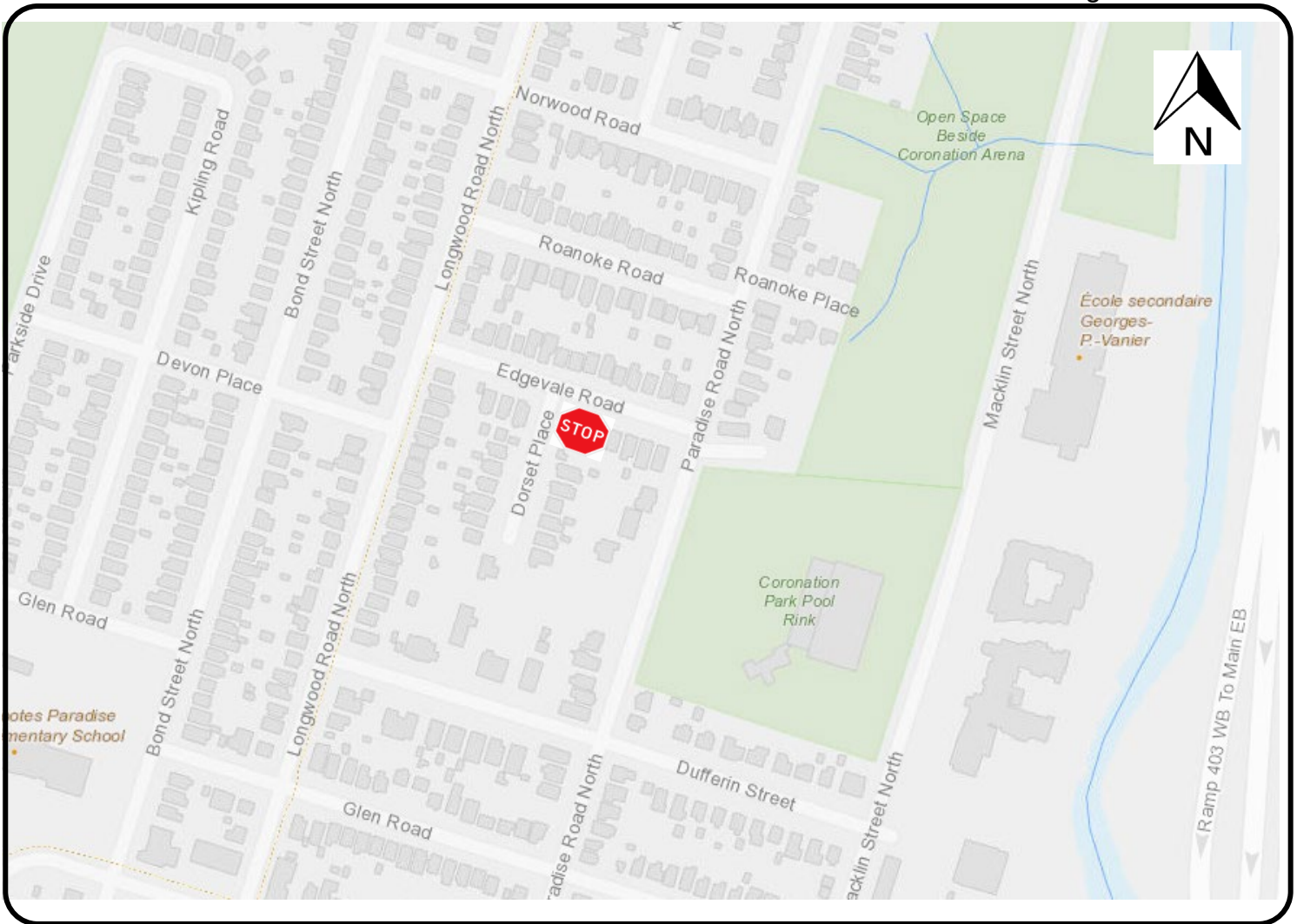
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

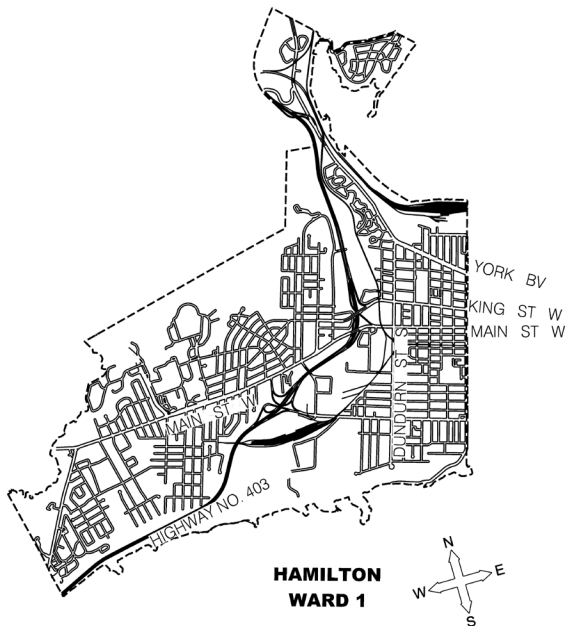
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 1**

LOCATION PLAN

PROPOSED STOP CONTROL:

Dorset Place at Edgevale Road

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

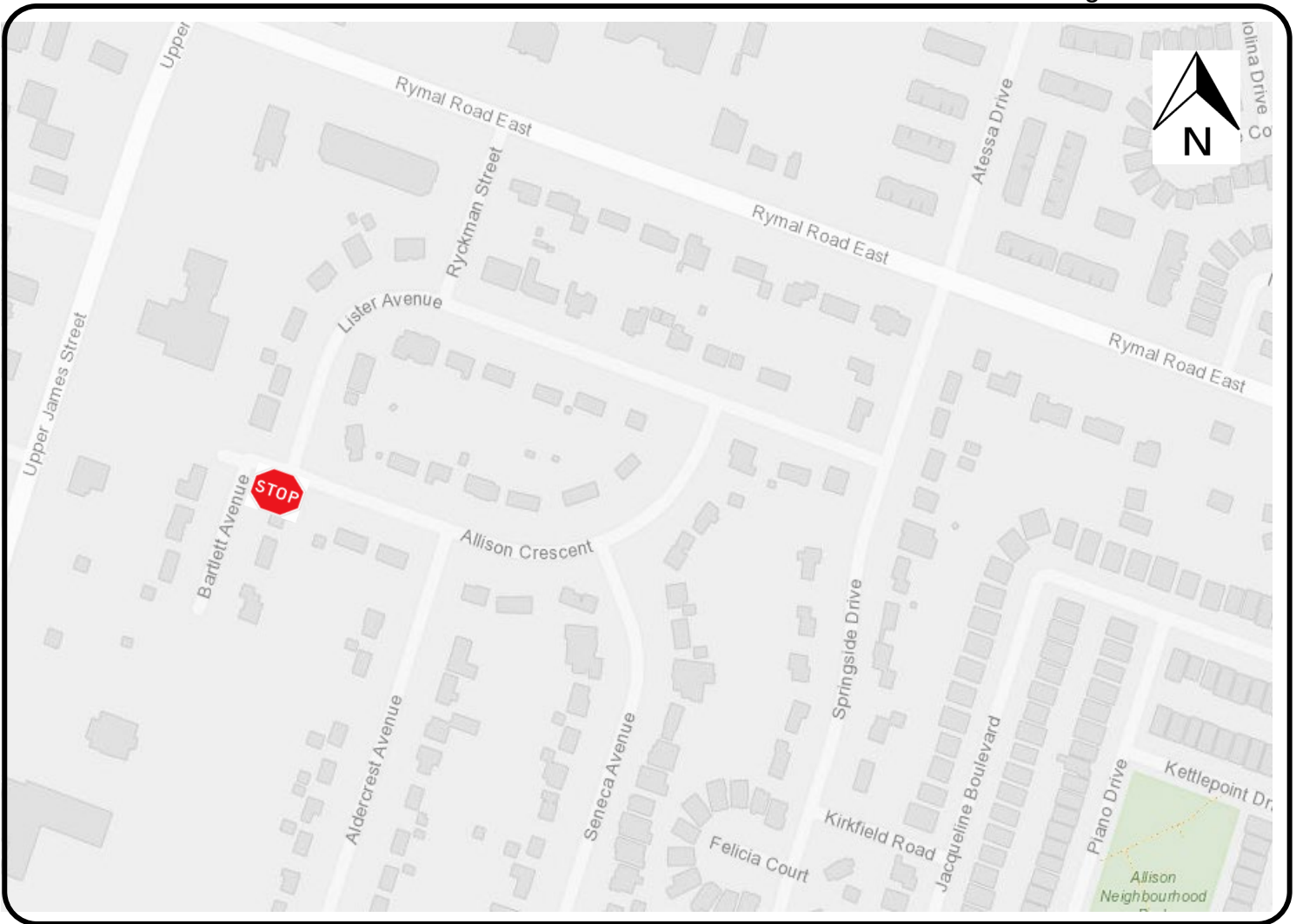
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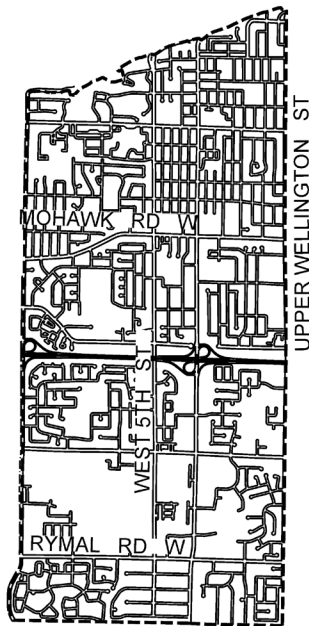
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 8**



LOCATION PLAN

PROPOSED STOP CONTROL:

Bartlett Avenue at Allison Crescent

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

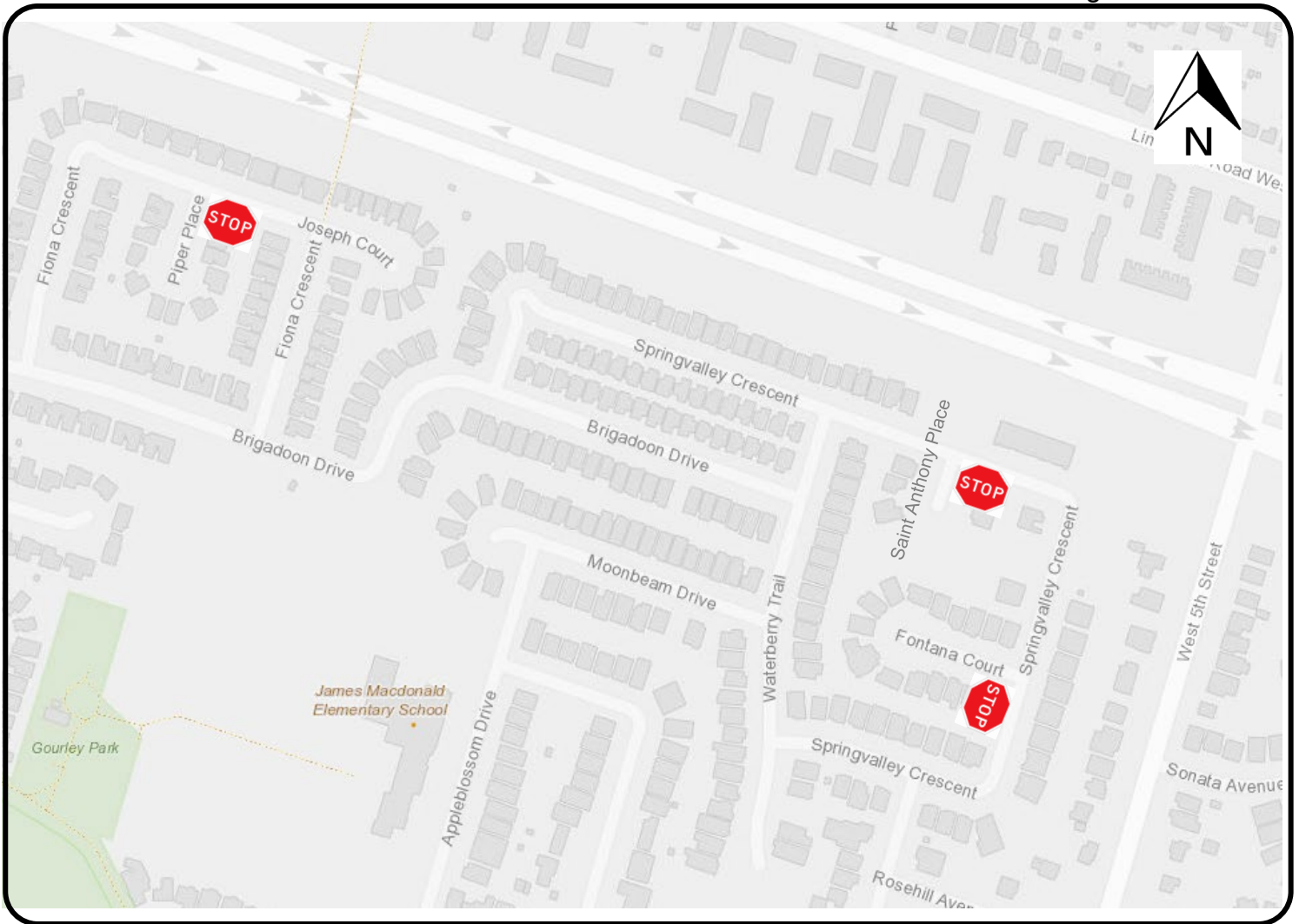
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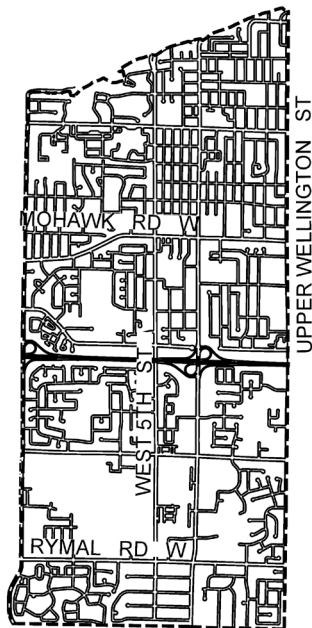
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 8**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Piper Place at Fiona Crescent
Fontana Court at Springvalley Crescent
Anthony Place at Springvalley Crescent**

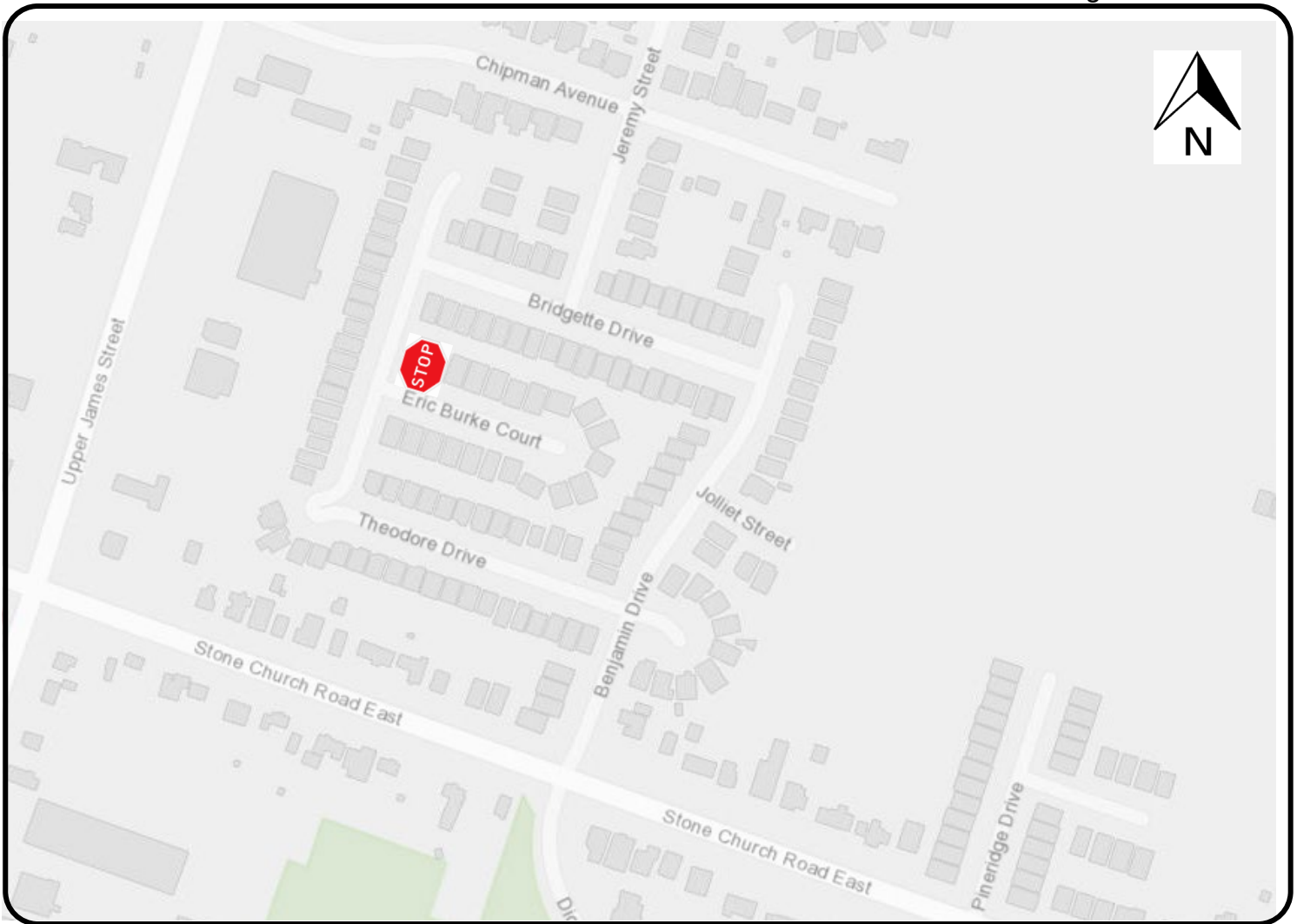
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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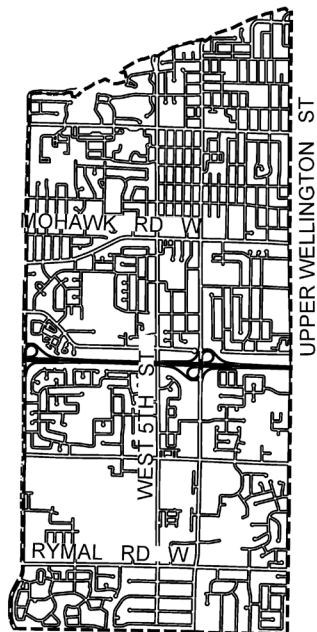
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NOT TO SCALE

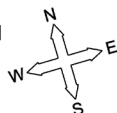
DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 8**



LOCATION PLAN

PROPOSED STOP CONTROL:

Eric Burke Court at Theodore Drive

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

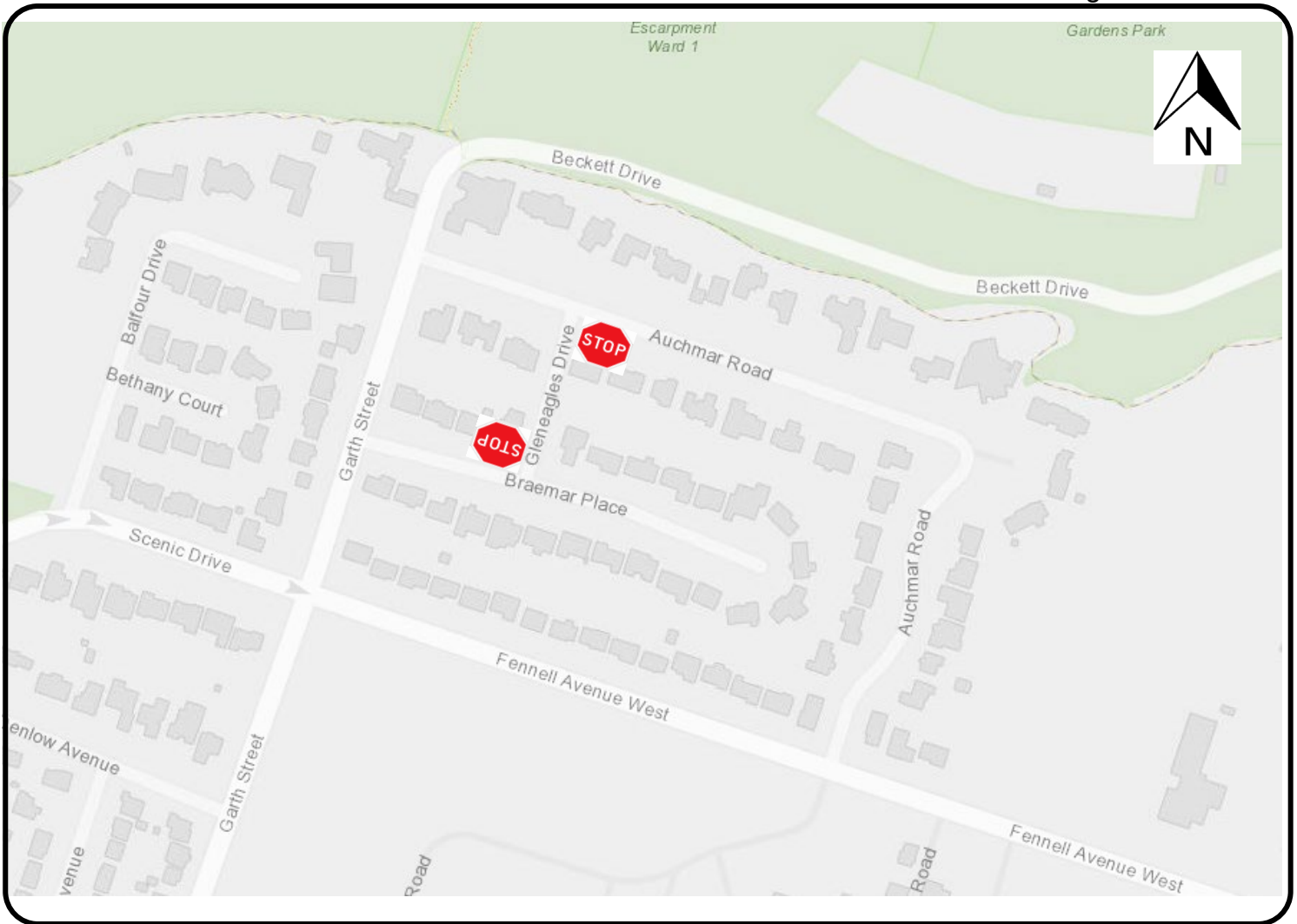
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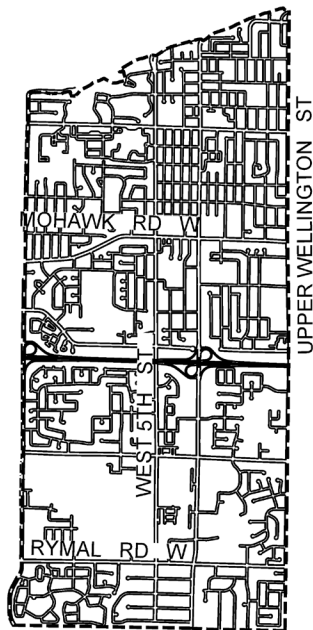
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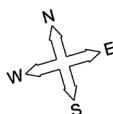
DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 8**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Gleneagles Drive at Auchmar Road
Gleneagles Drive at Braemar Place**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

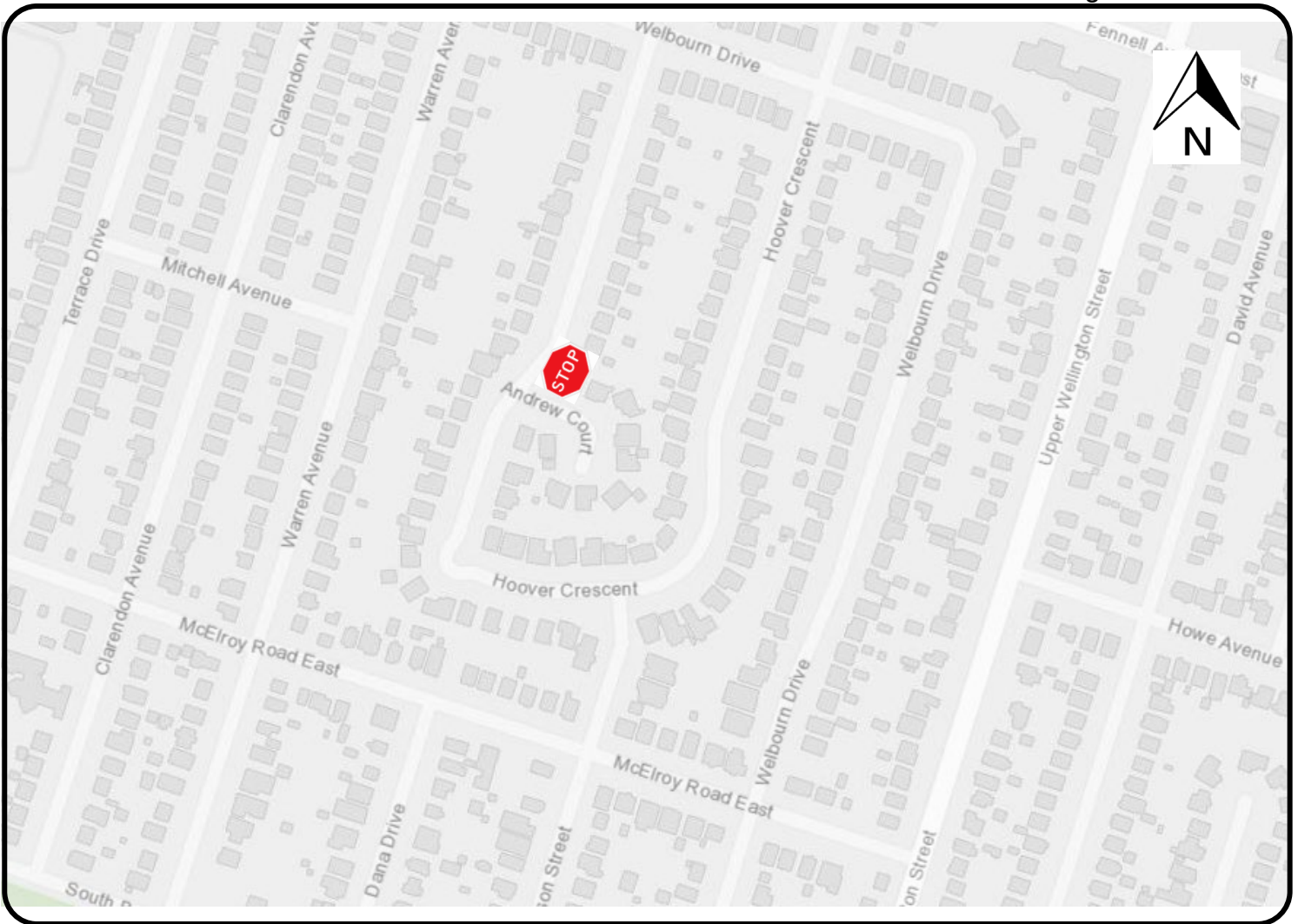
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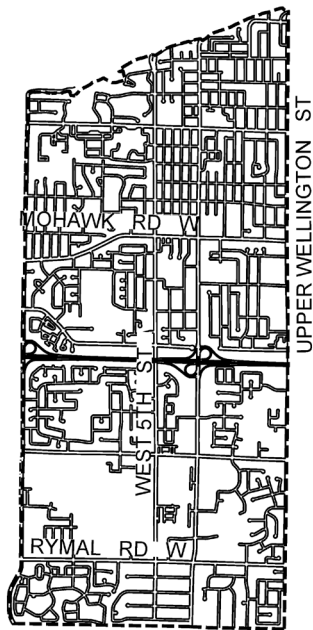
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 8**



LOCATION PLAN

PROPOSED STOP CONTROL:

Andrew Court at Hoover Crescent

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

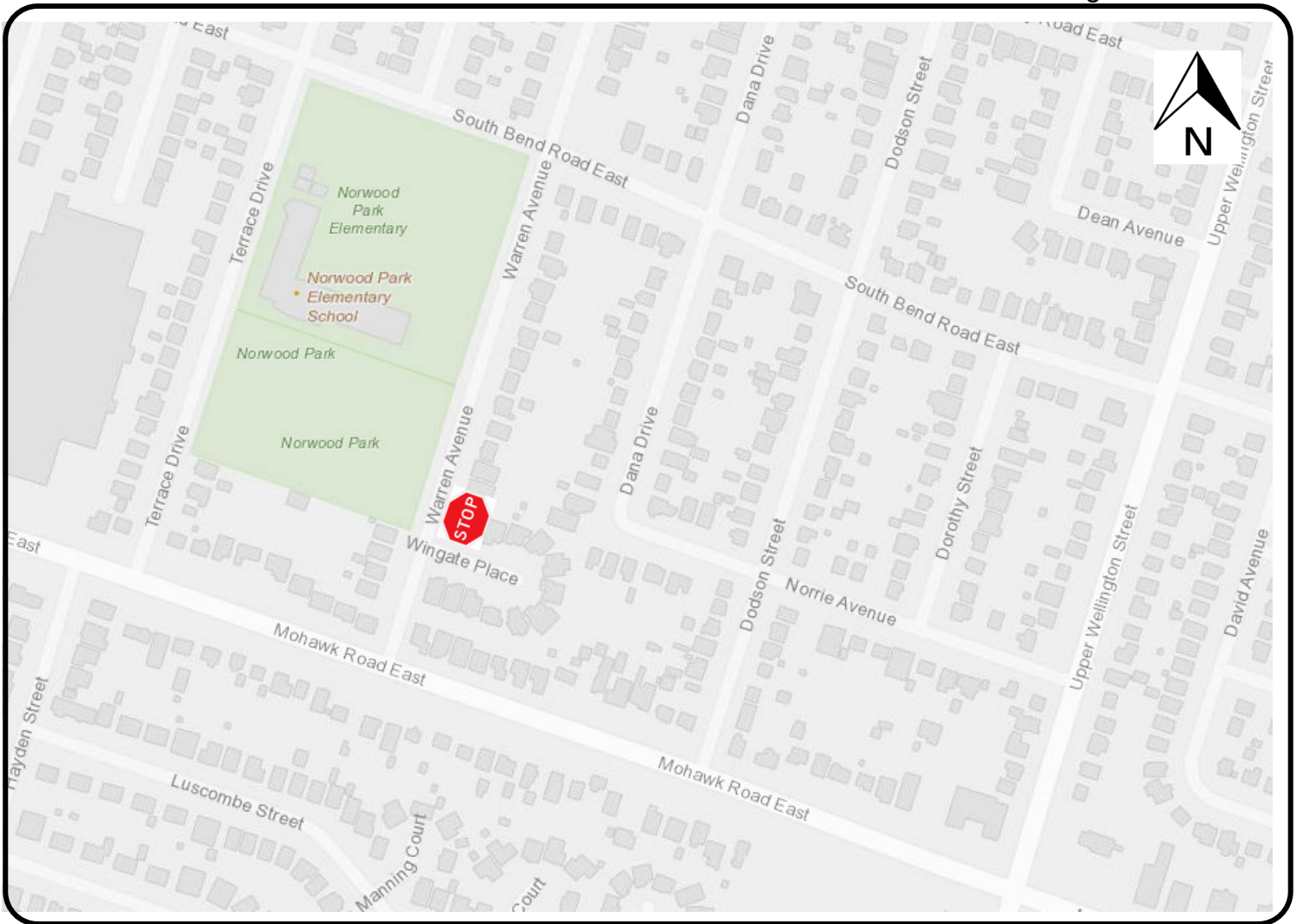
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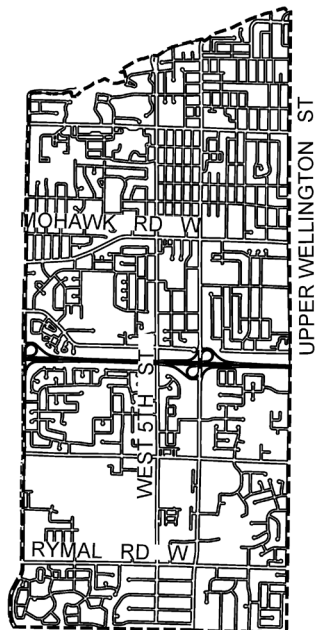
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 8**



LOCATION PLAN

PROPOSED STOP CONTROL:

Wingate Place at Warren Avenue

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

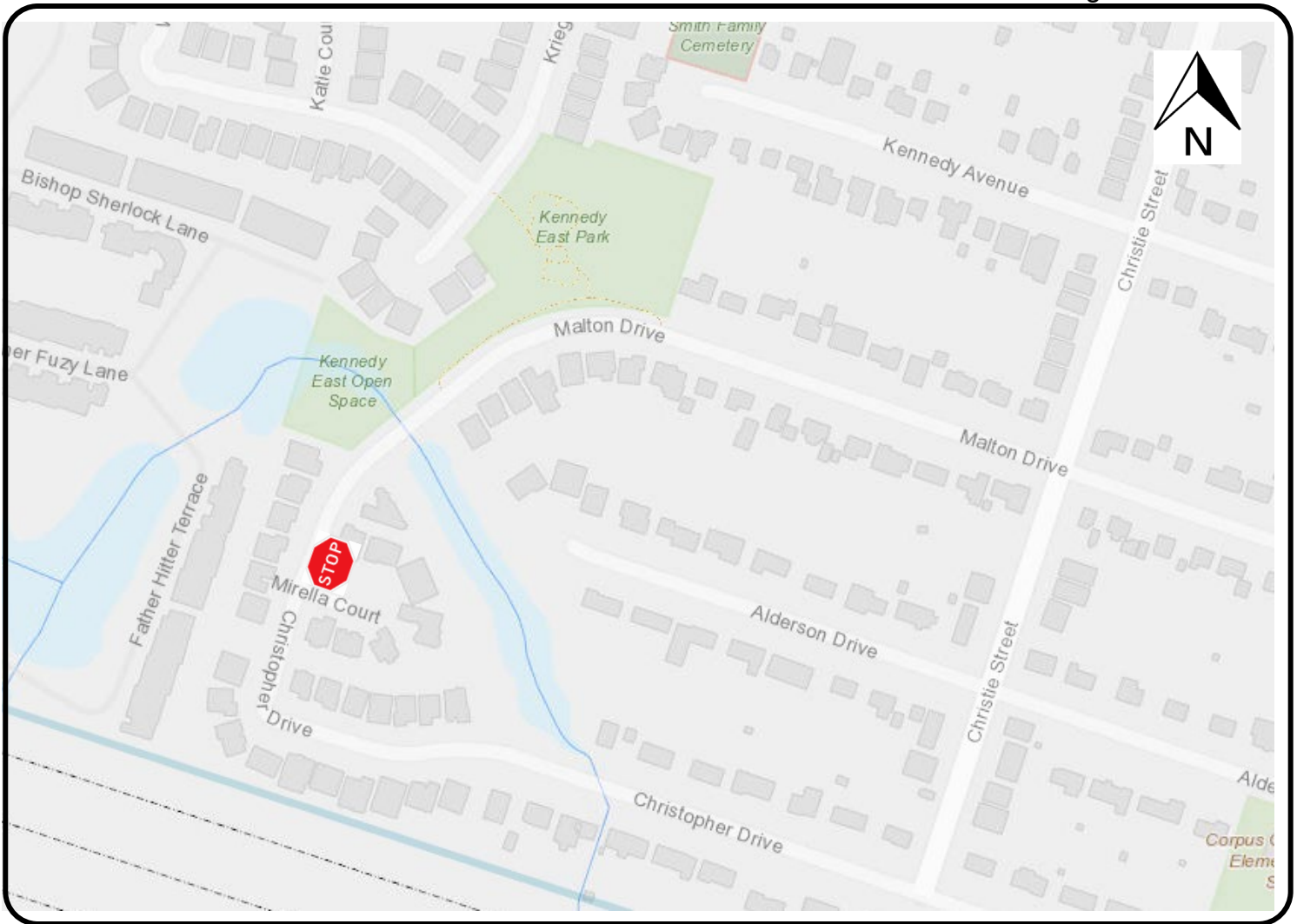
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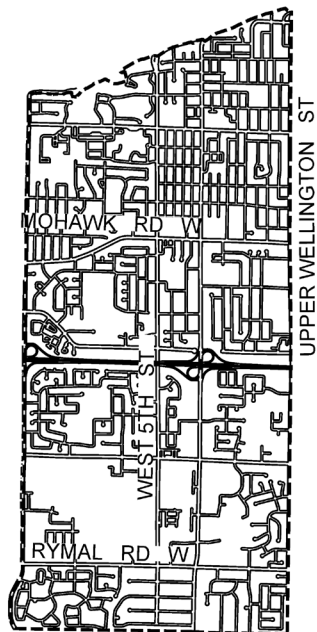
PROPOSED STOP

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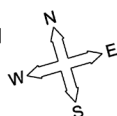
DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 8**



LOCATION PLAN

PROPOSED STOP CONTROL:

Mirella Court at Christopher Drive

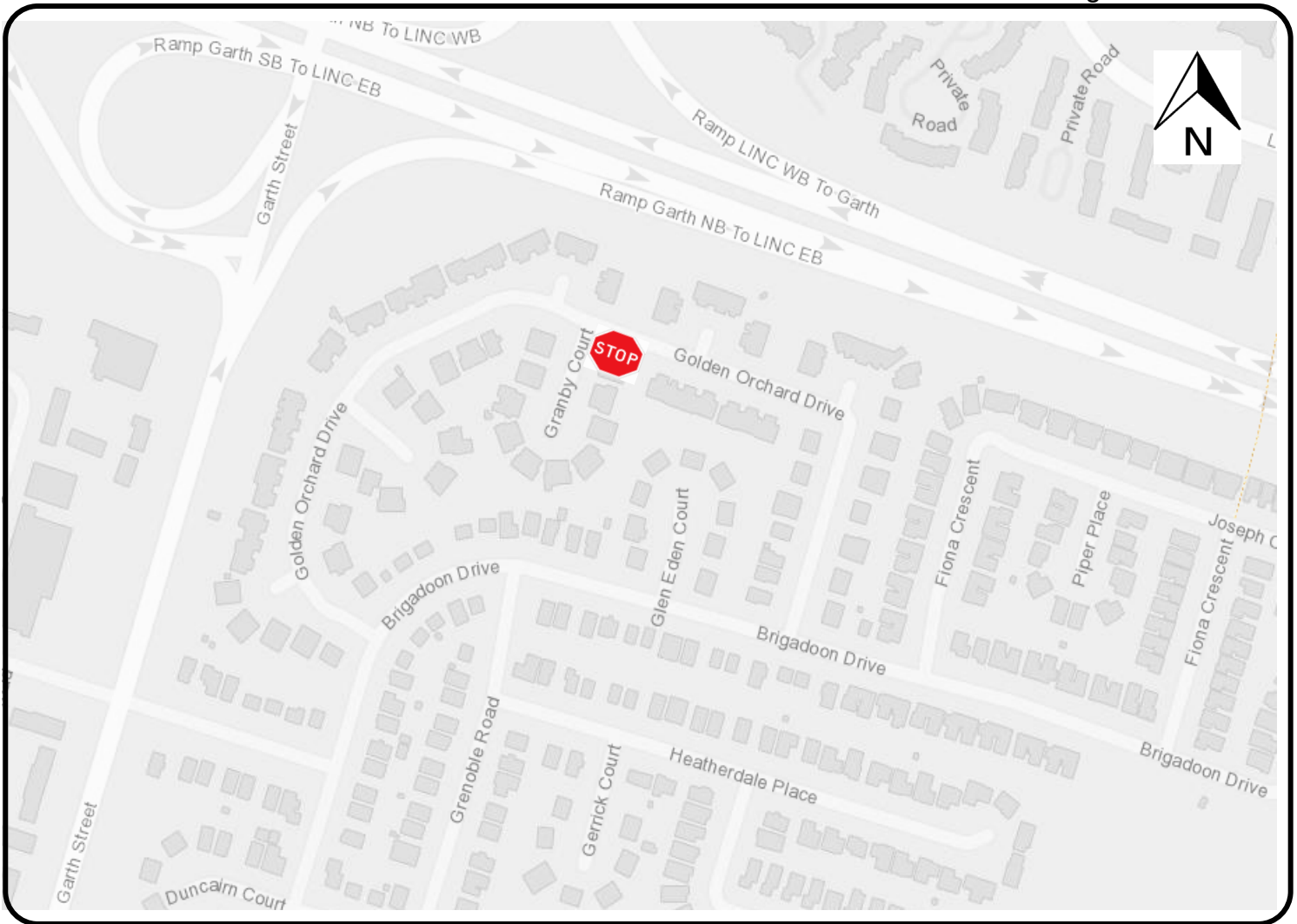
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

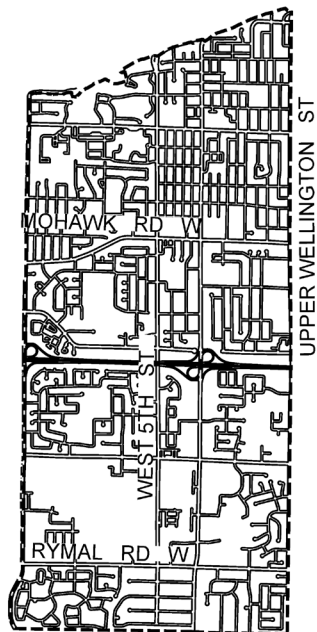
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 8**



LOCATION PLAN

PROPOSED STOP CONTROL:

Granby Court at Golden Orchard Drive

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

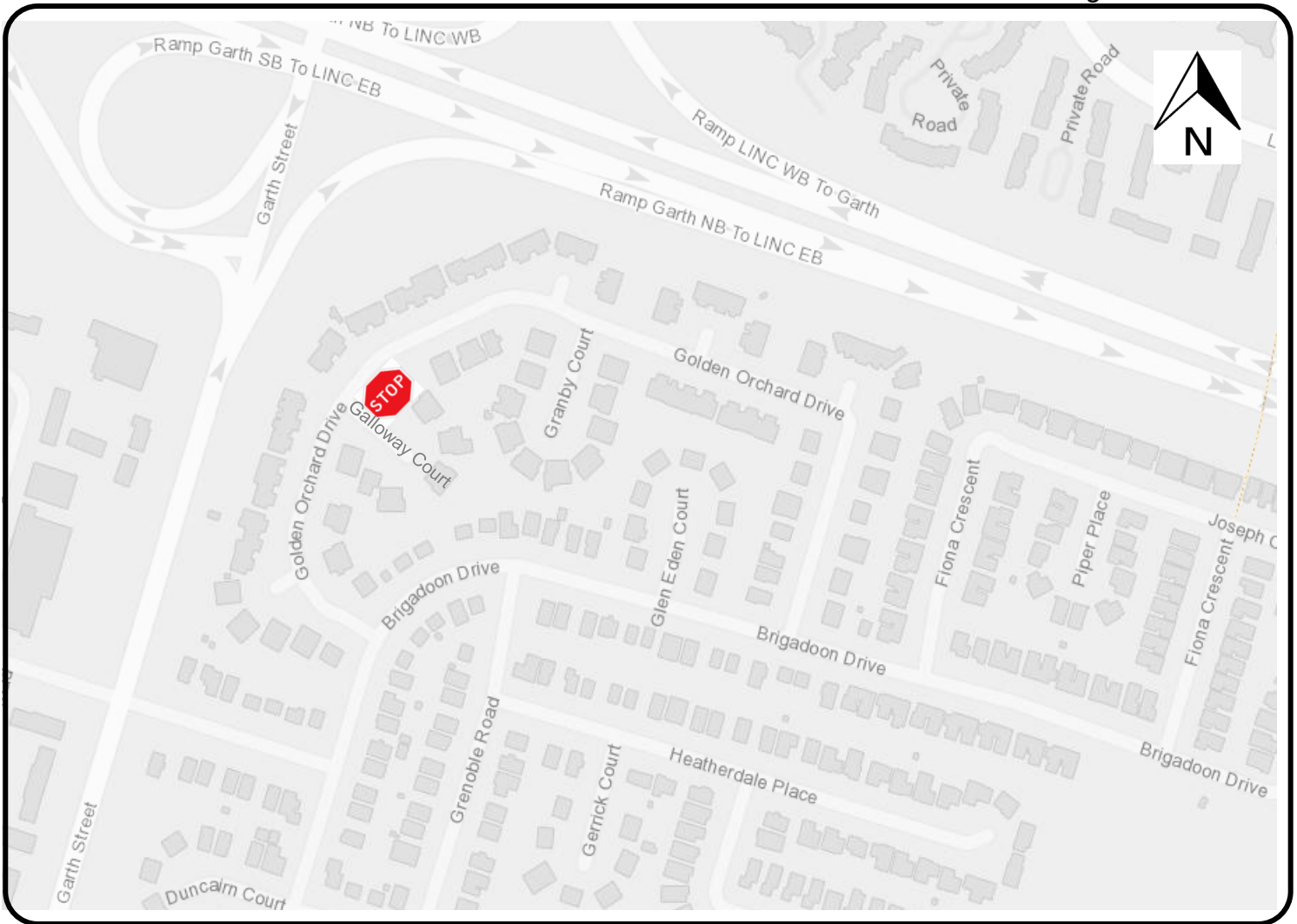
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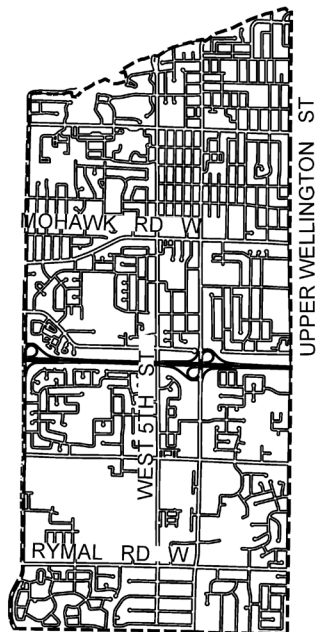
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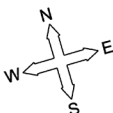
DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 8**



LOCATION PLAN

PROPOSED STOP CONTROL:

Galloway Court at Golden Orchard Drive

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

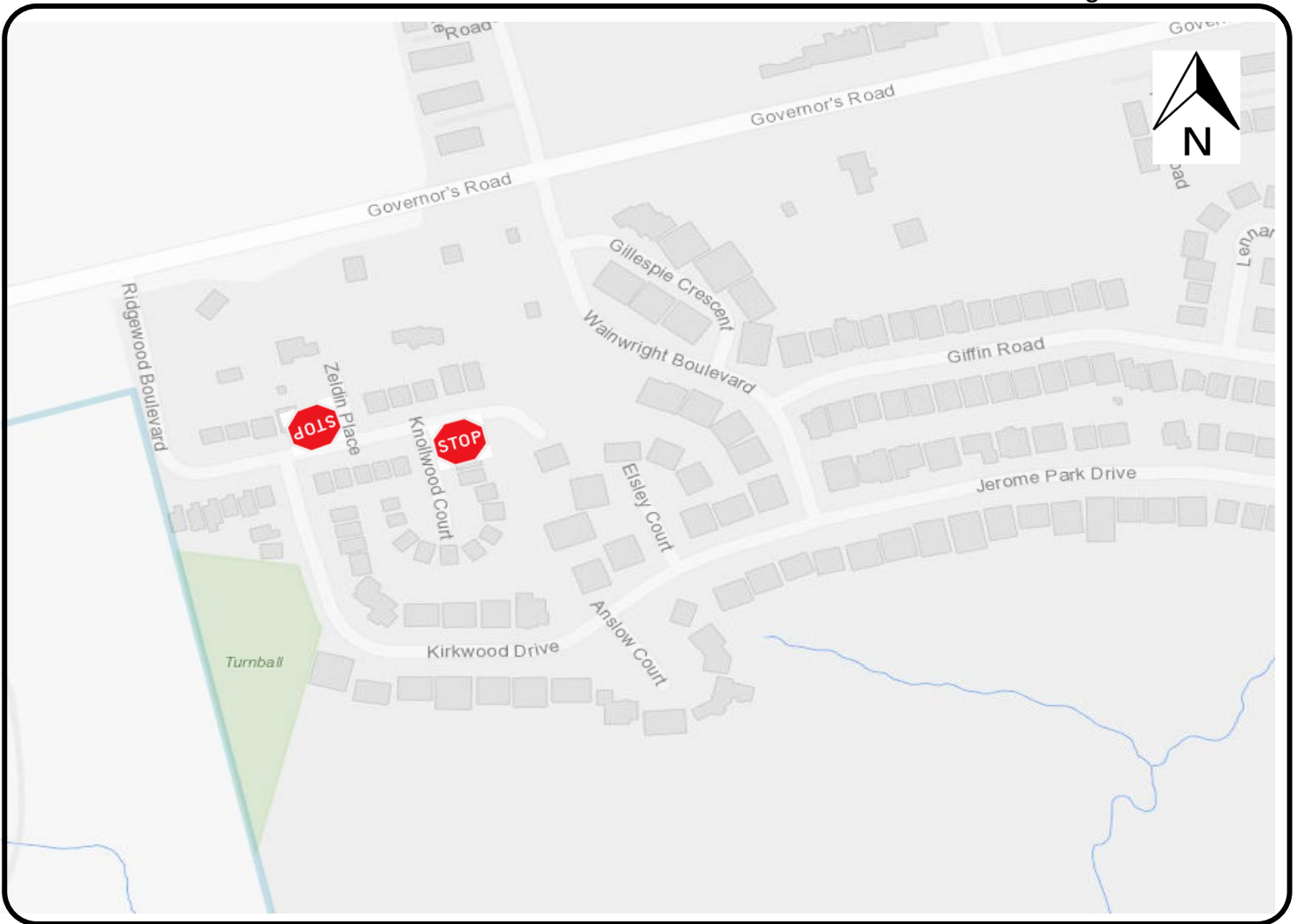
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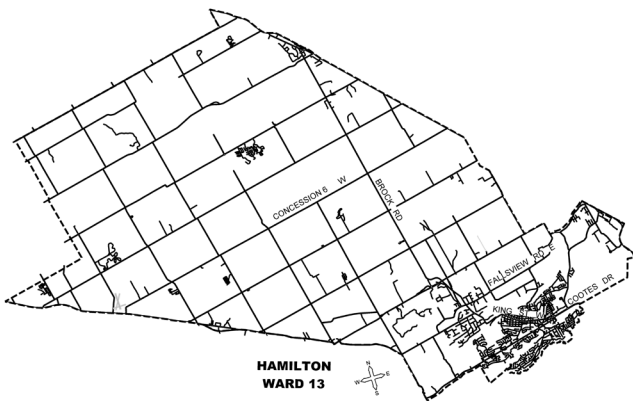
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 13

LOCATION PLAN

PROPOSED STOP CONTROL:

**Knollwood Court at Ridgewood Boulevard
Zeldin Place at Ridgewood Boulevard**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

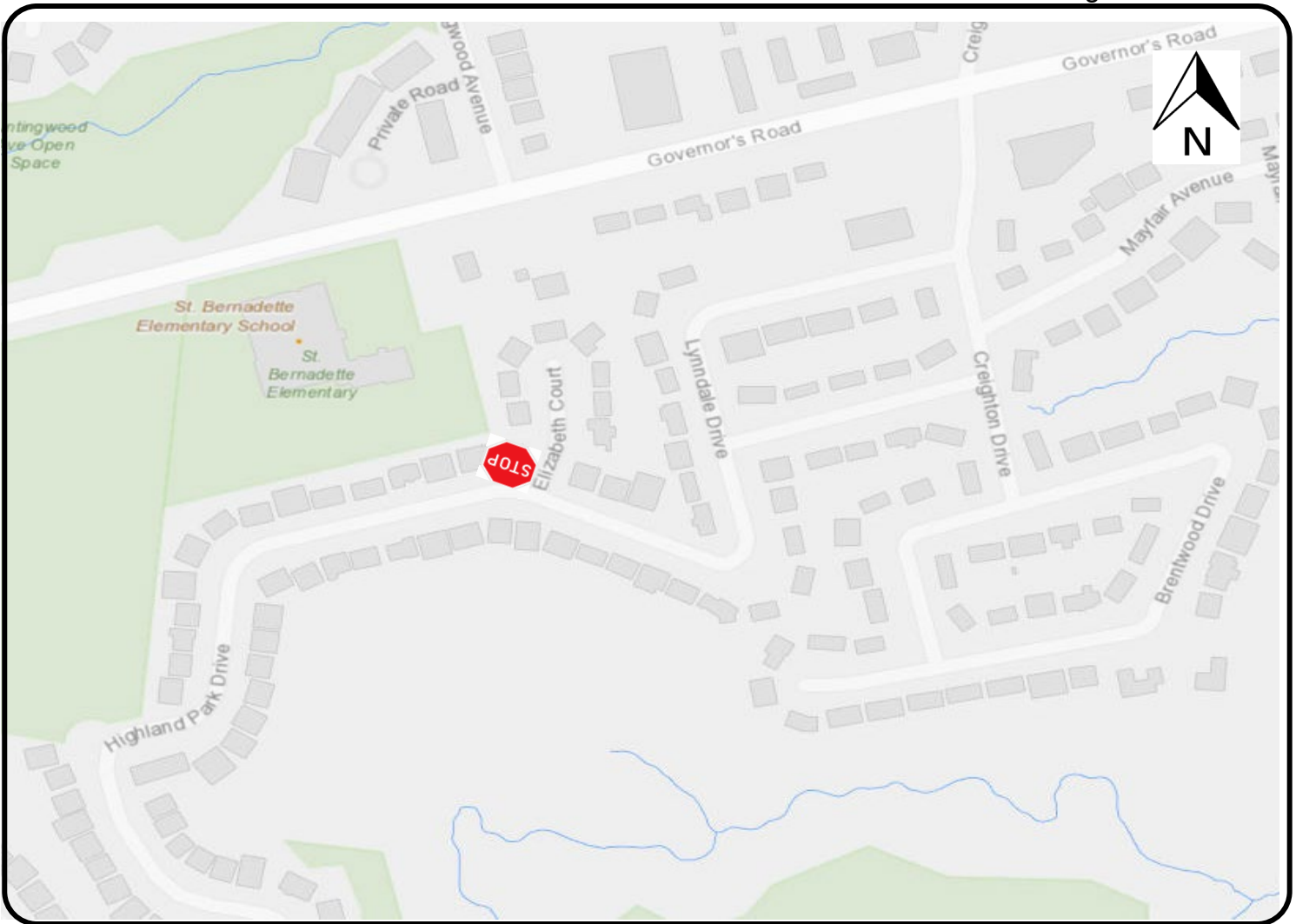
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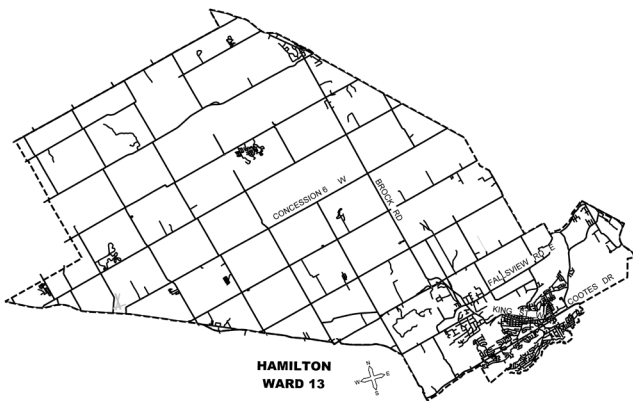
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 13

LOCATION PLAN

PROPOSED STOP CONTROL:

Elizabeth Court at Highland Park Drive

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

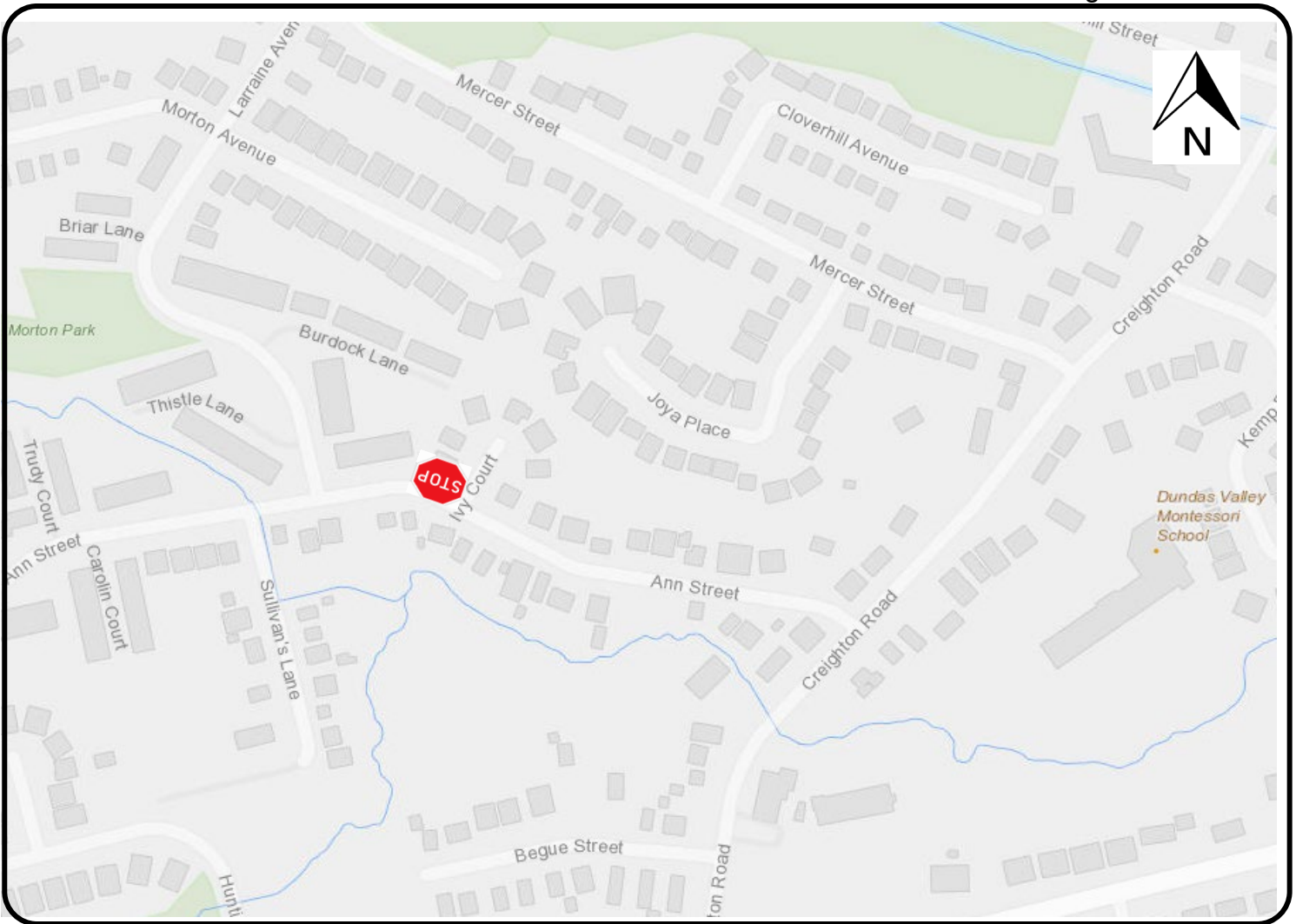
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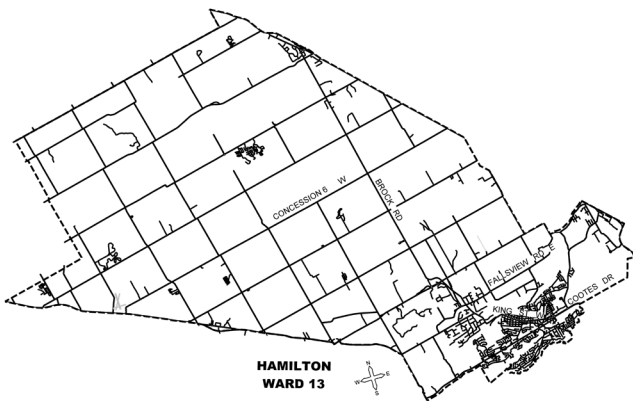
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 13

LOCATION PLAN

PROPOSED STOP CONTROL:

Ivy Court at Ann Street

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

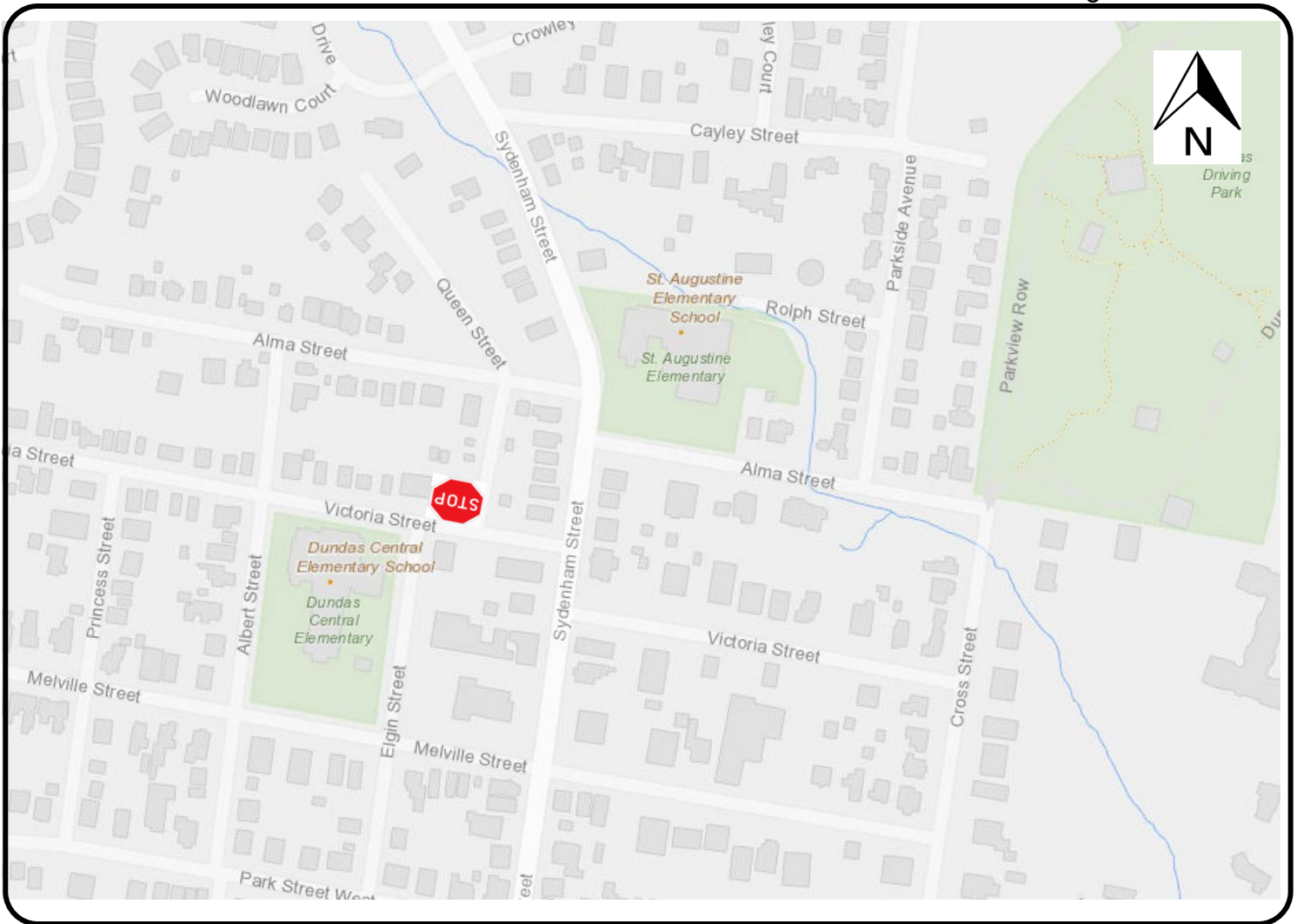
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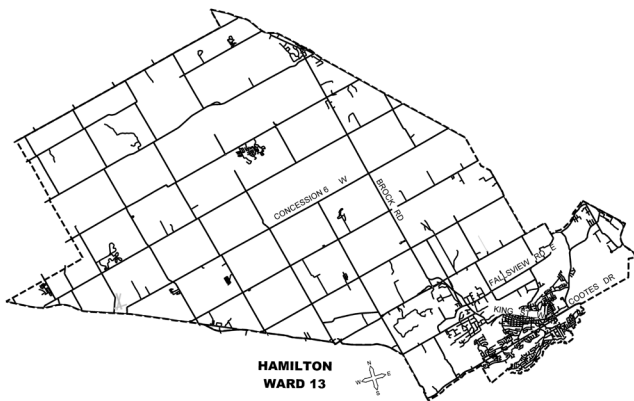
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:
Queen Street at Victoria Street

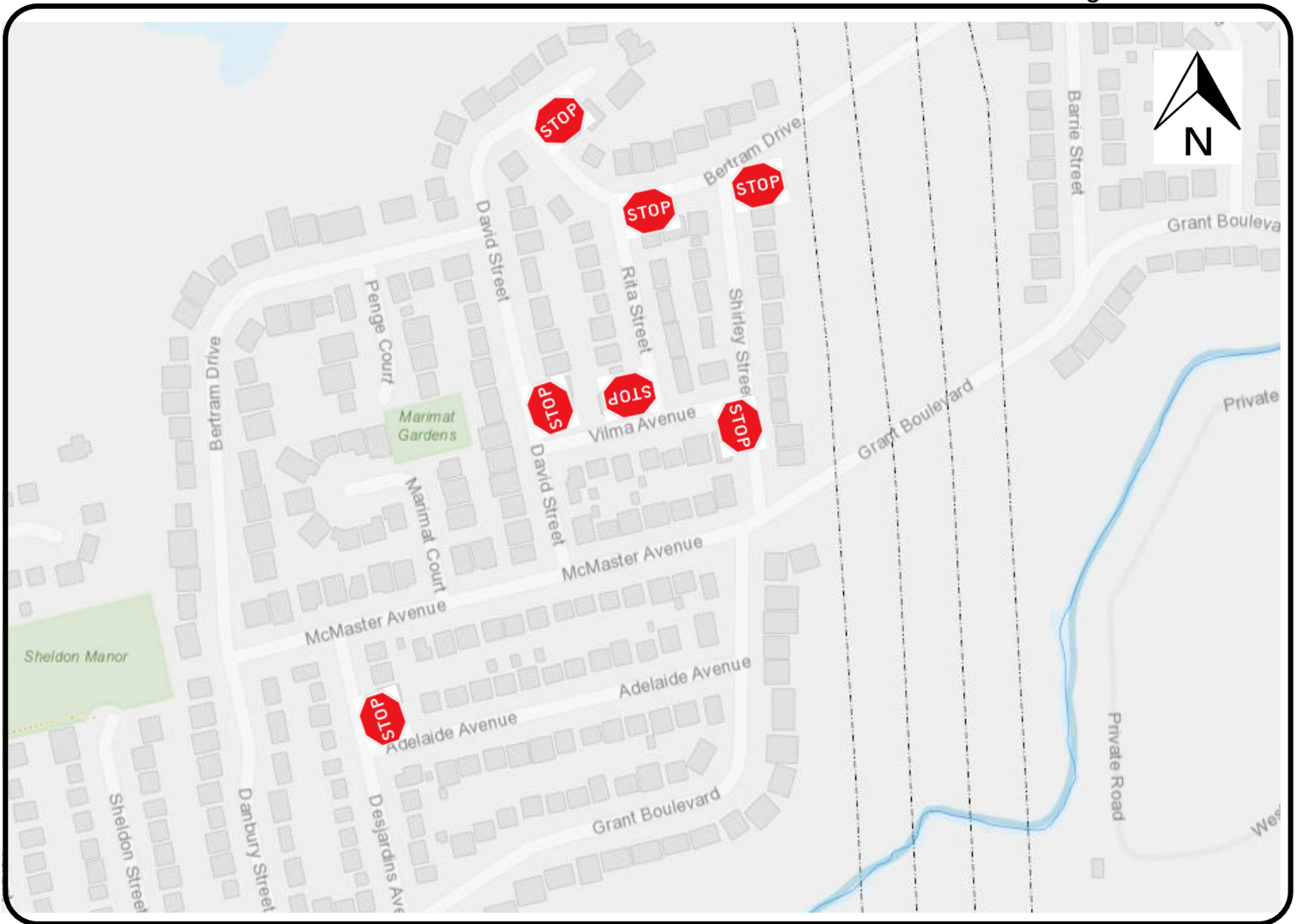
Transportation Operations & Maintenance
 PUBLIC WORKS DEPARTMENT

LEGEND

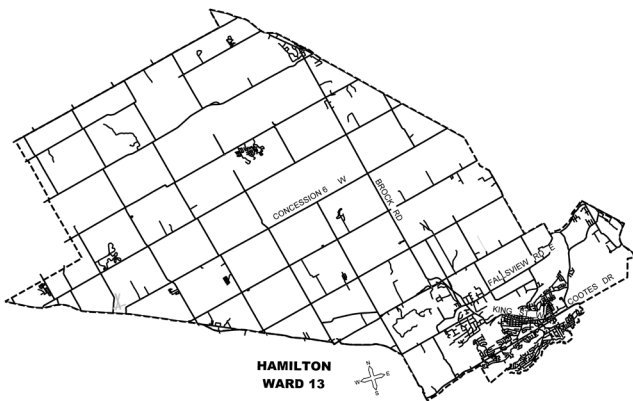
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 13

LOCATION PLAN

PROPOSED STOP CONTROL:
 Vilma Avenue at Shirley Street, Vilma Avenue at
 David Street, Rita Street at Vilma Avenue, Rita Street
 at Bertram Drive, Shirley Street at Bertram Drive,
 Bertram Drive at David Street, Adelaide Avenue at
 Desjardins Avenue

Transportation Operations & Maintenance
 PUBLIC WORKS DEPARTMENT

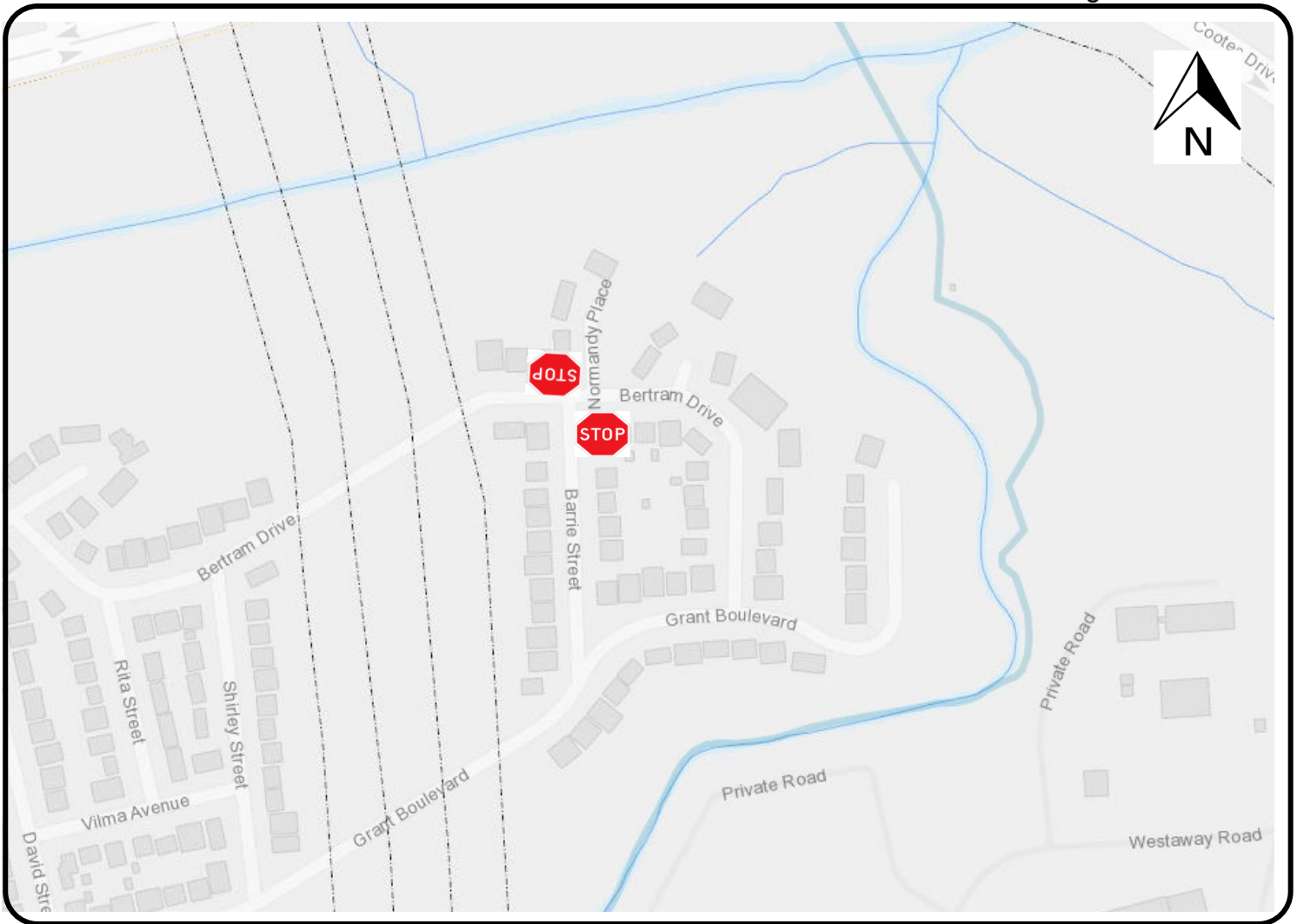
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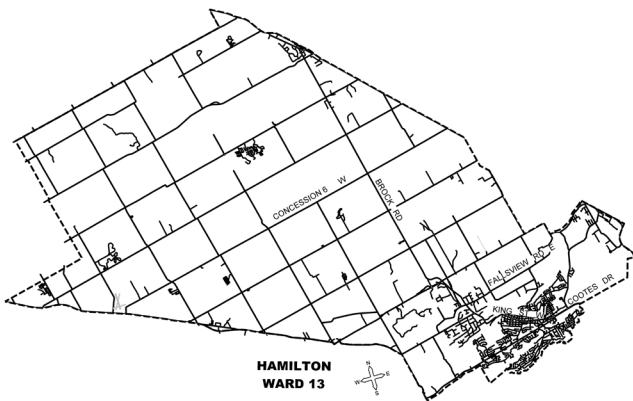
PROPOSED STOP

SCALE
 NOT TO SCALE

DATE
 September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Barrie Street at Bertram Drive
Normandy Place at Bertram Drive**

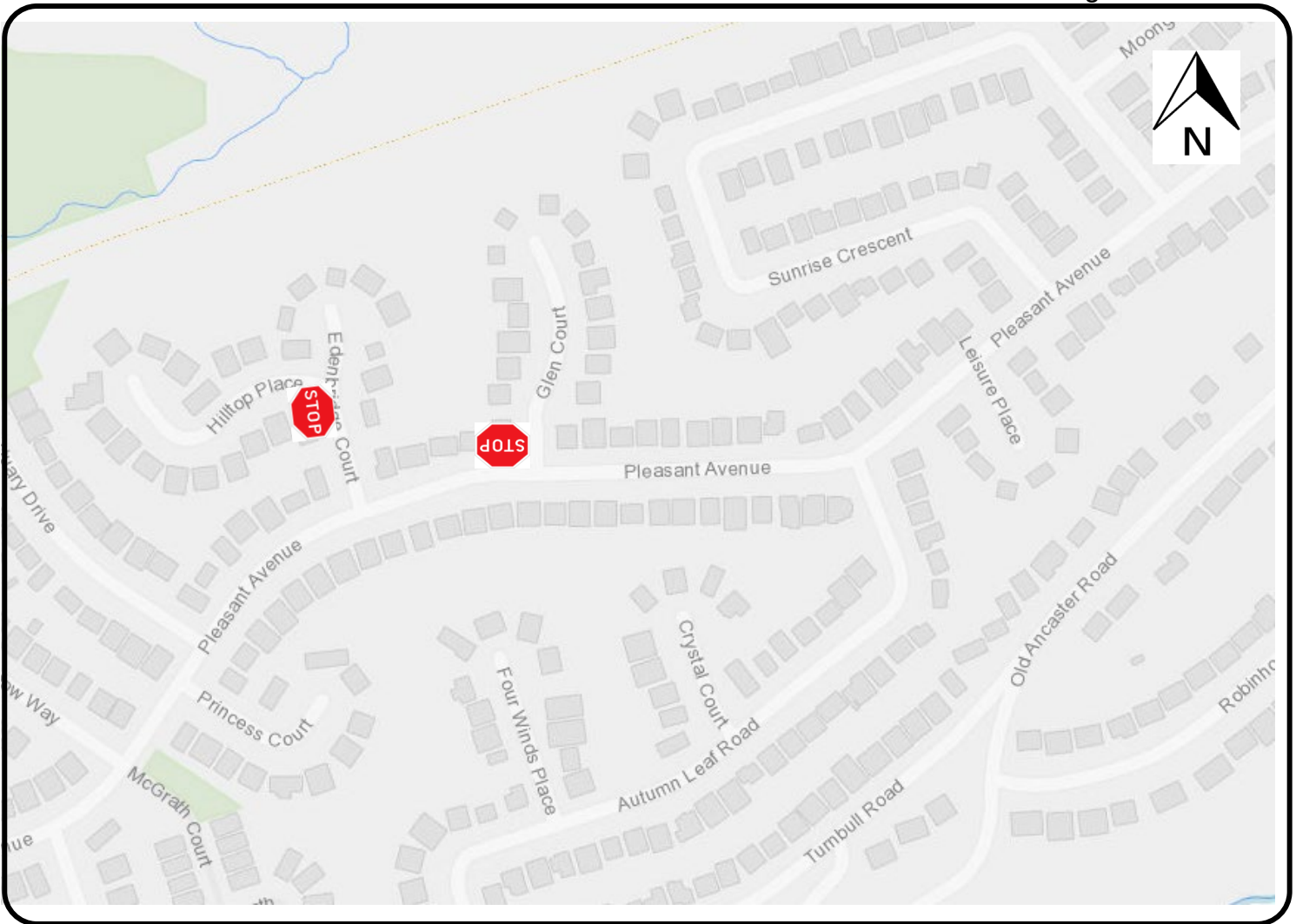
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

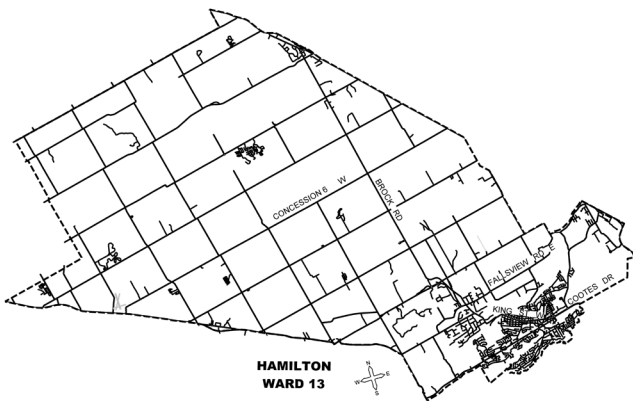
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 13

LOCATION PLAN

PROPOSED STOP CONTROL:

**Hilltop Place at Edenbridge Court
Glen Court at Pleasant Avenue**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

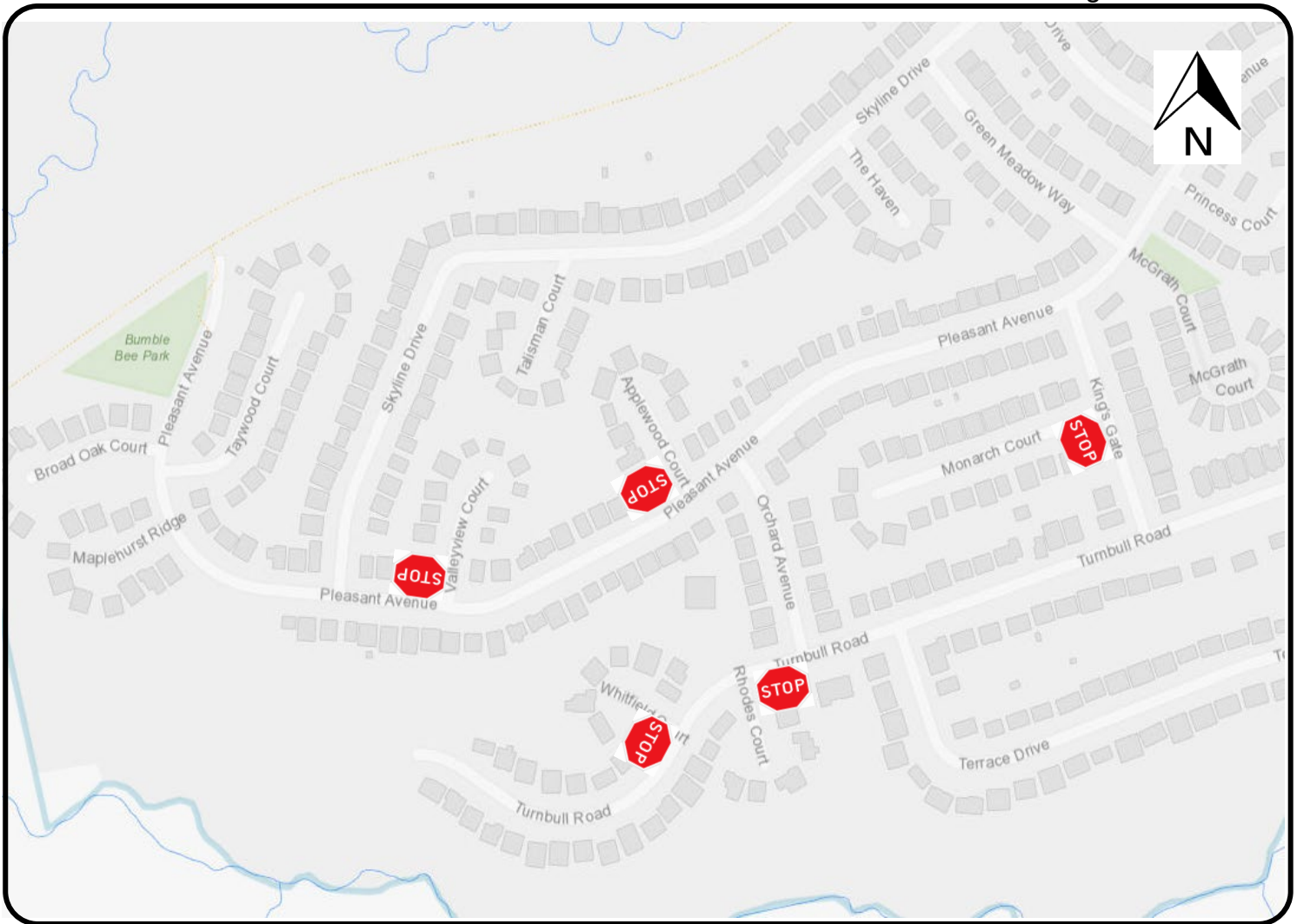
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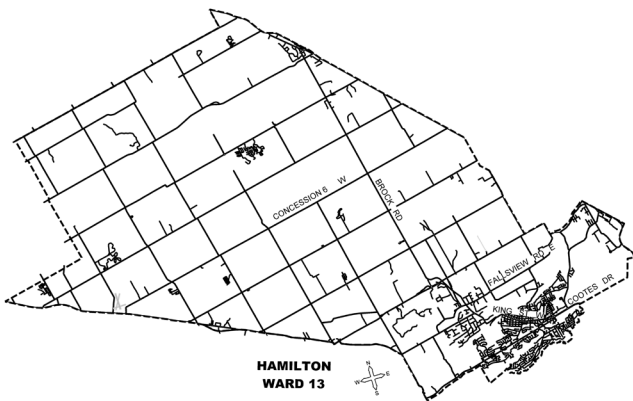
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 13

LOCATION PLAN

PROPOSED STOP CONTROL:
Valleyview Court at Pleasant Avenue,
Applewood Court at Pleasant Avenue,
Monarch Court at King's Gate,
Rhodes Court at Turnbull Road,
Whitfield Court at Turnbull Road

Transportation Operations & Maintenance
 PUBLIC WORKS DEPARTMENT

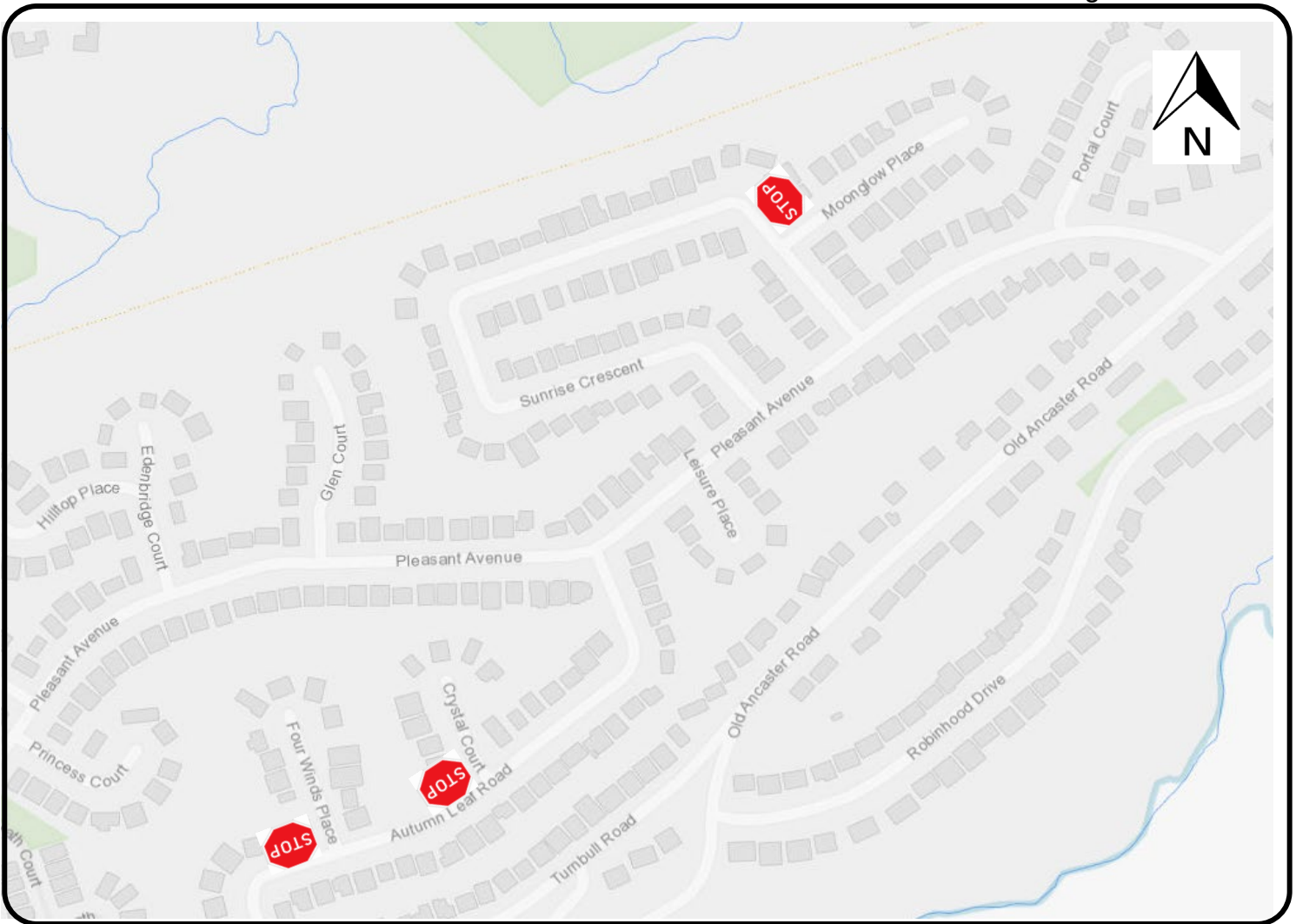
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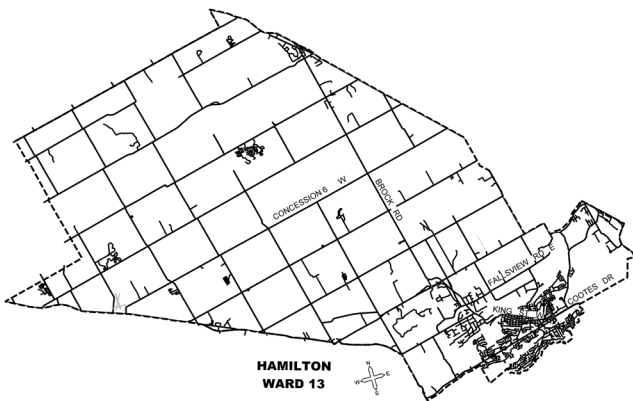
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 13

LOCATION PLAN

PROPOSED STOP CONTROL:

**Four Winds Place at Autumn Leaf
Road
Crystal Court at Autumn Leaf
Place
Moonglow Place at Sunrise
Crescent**

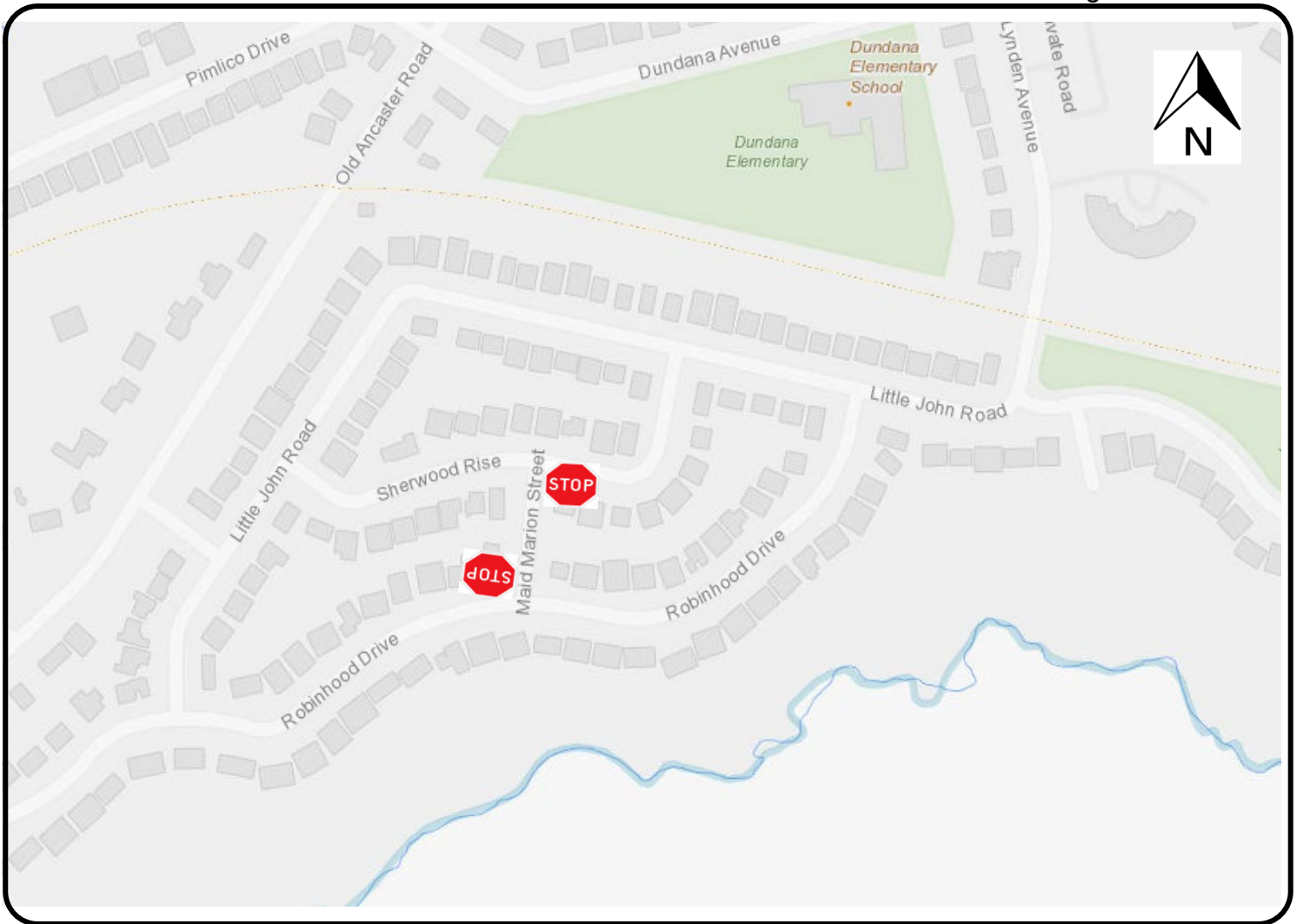
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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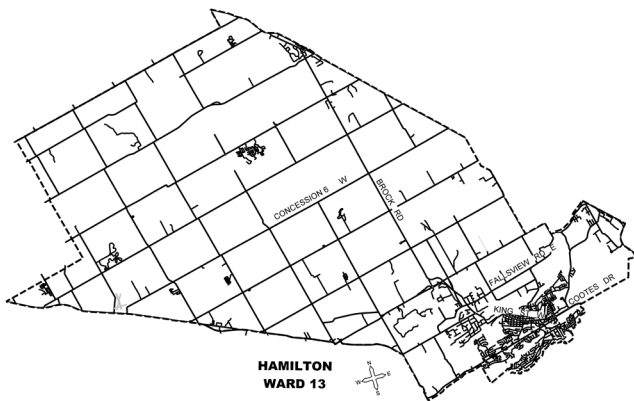
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Maid Marion Street at Sherwood Rise
Maid Marion Street at Robinhood Drive**

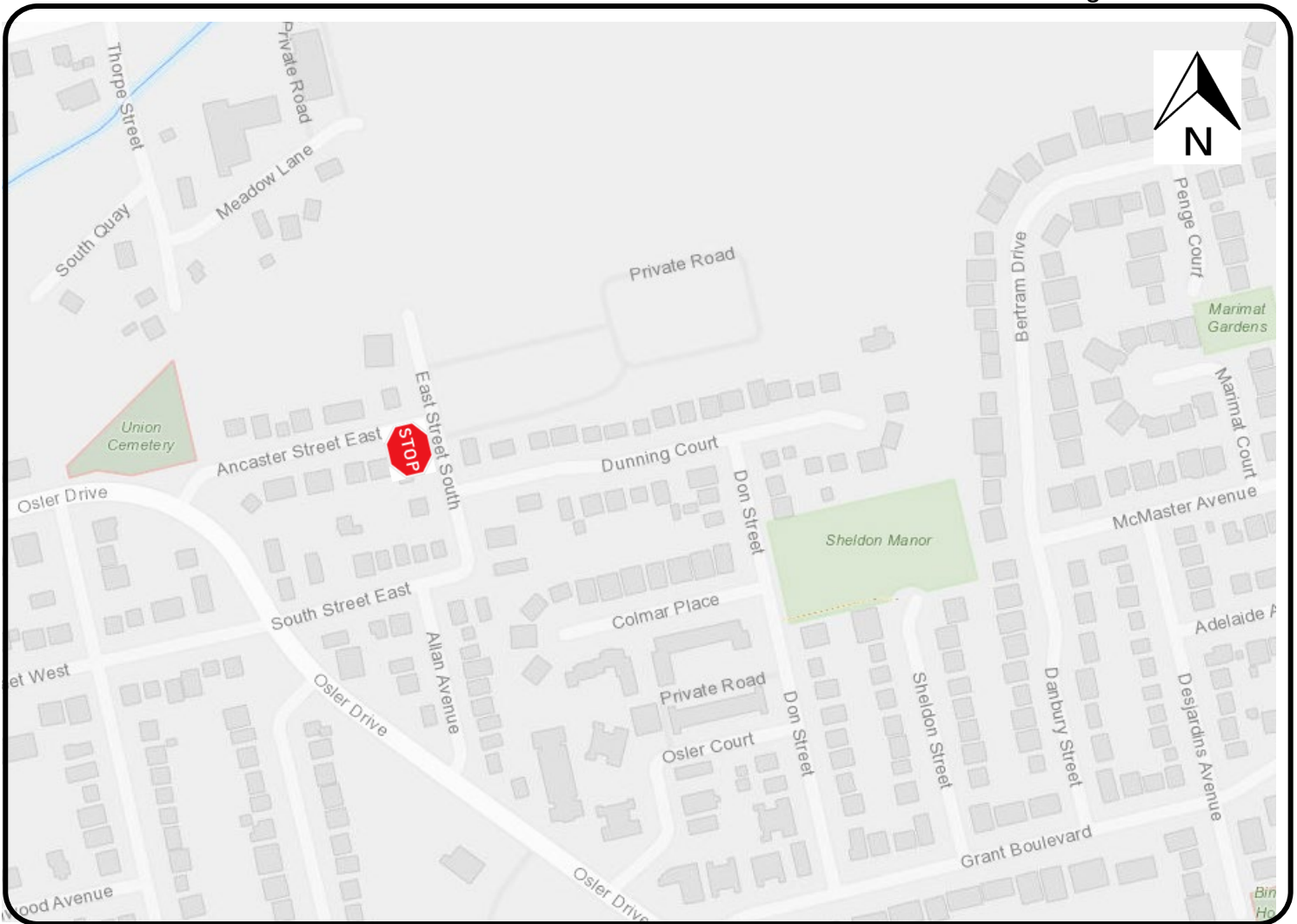
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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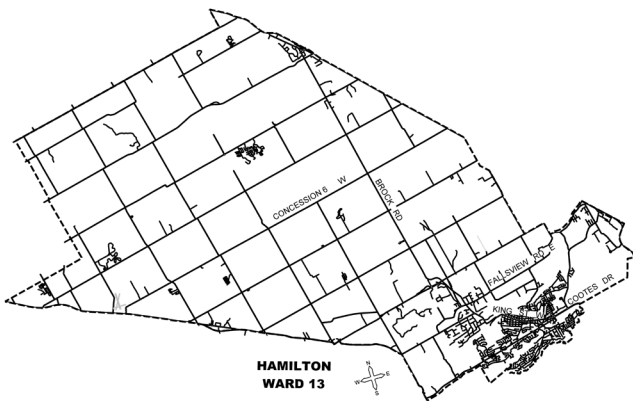
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Ancaster Street East at East Street
South**

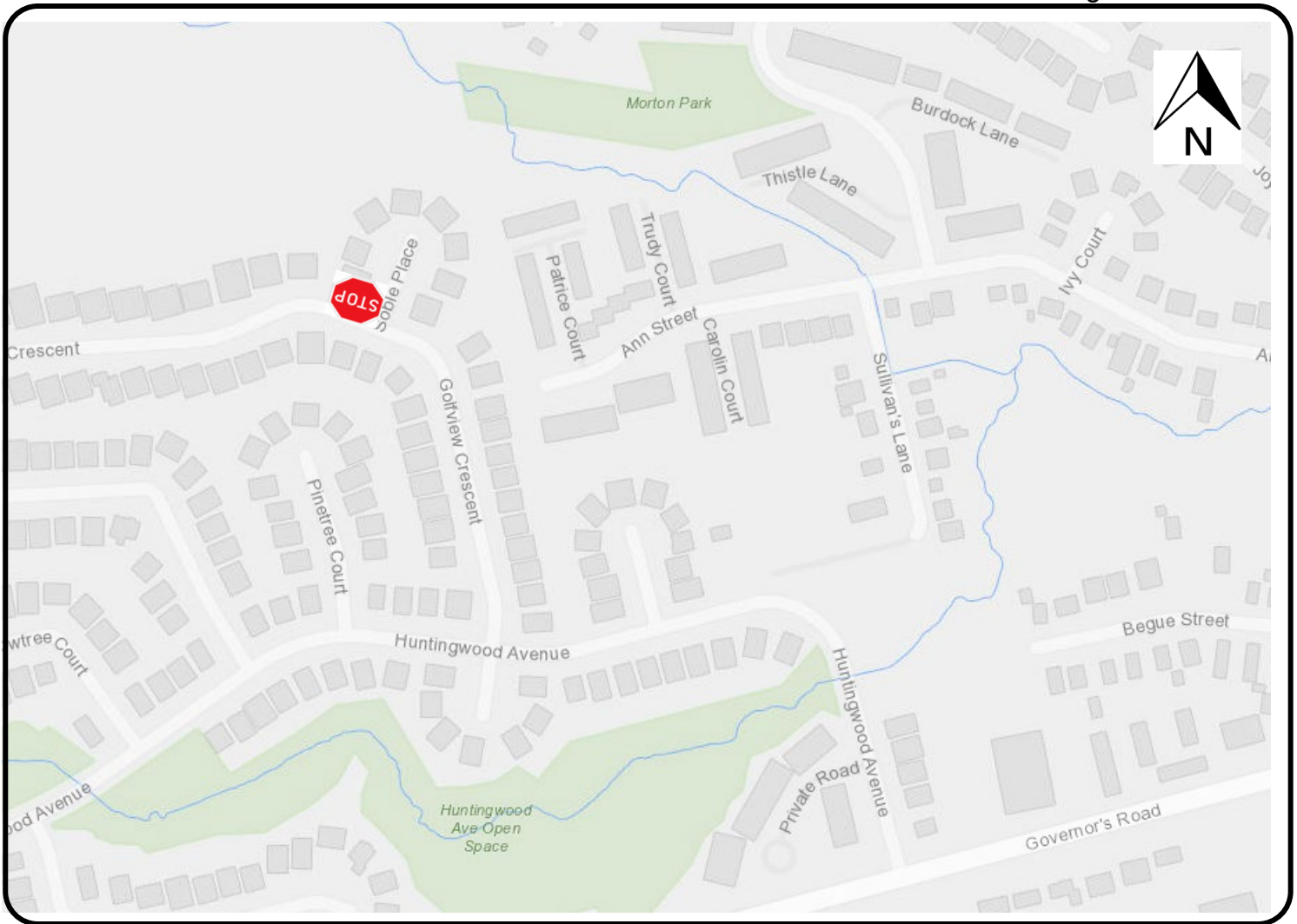
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

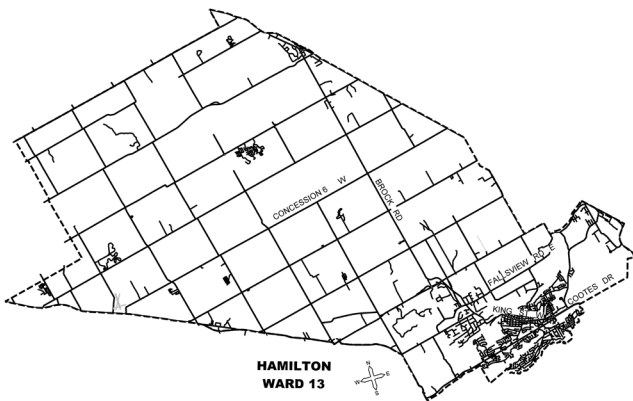
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 13

LOCATION PLAN

PROPOSED STOP CONTROL:

Soble Place at Golfview Crescent

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

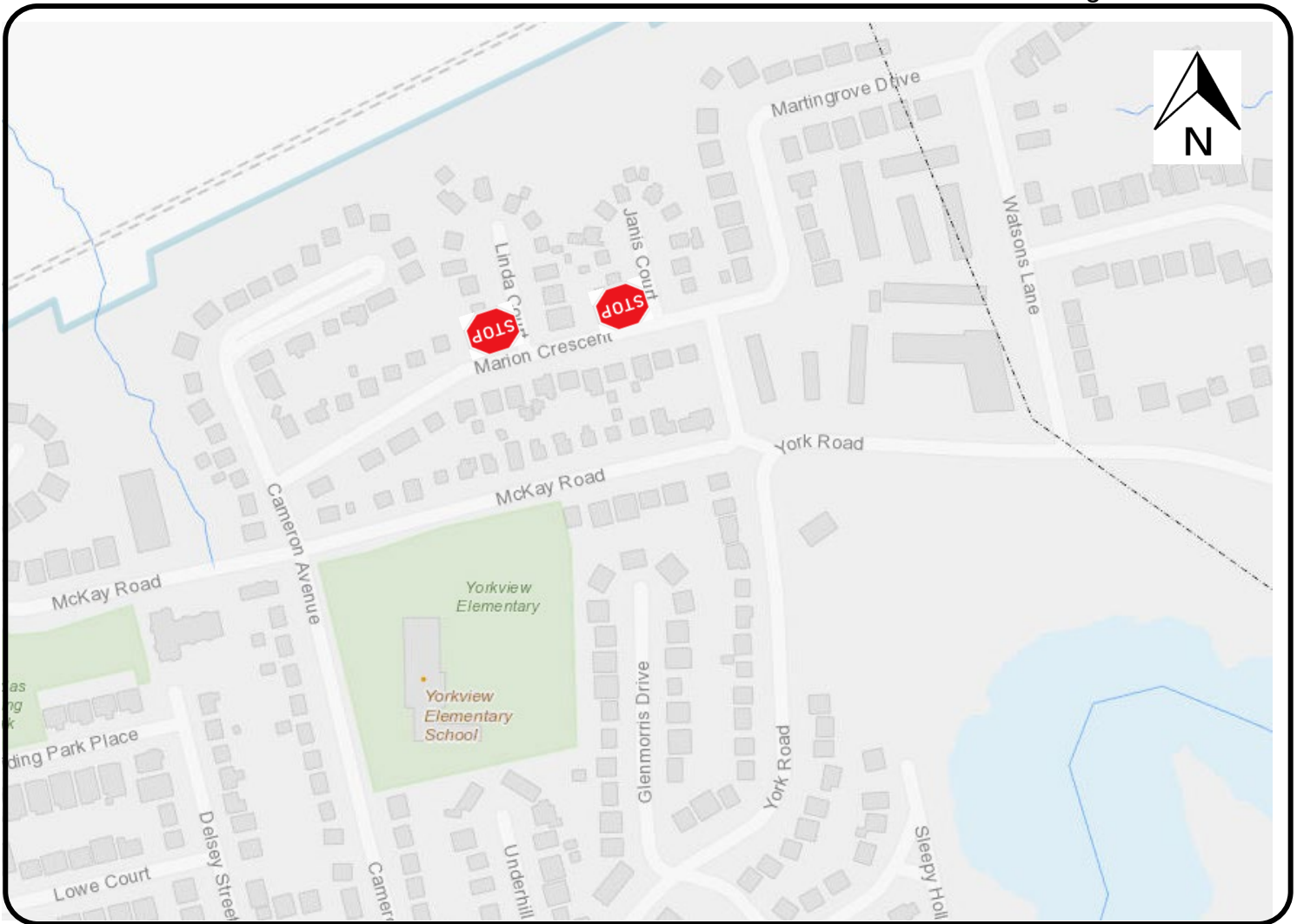
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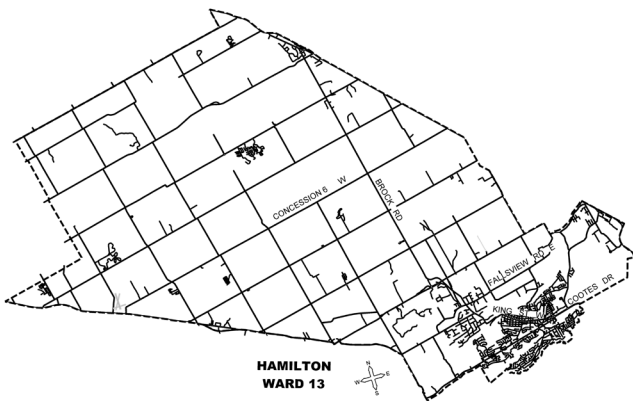
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 13

LOCATION PLAN

PROPOSED STOP CONTROL:

**Linda Court at Marion Crescent
Janis Court at Marion Crescent**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

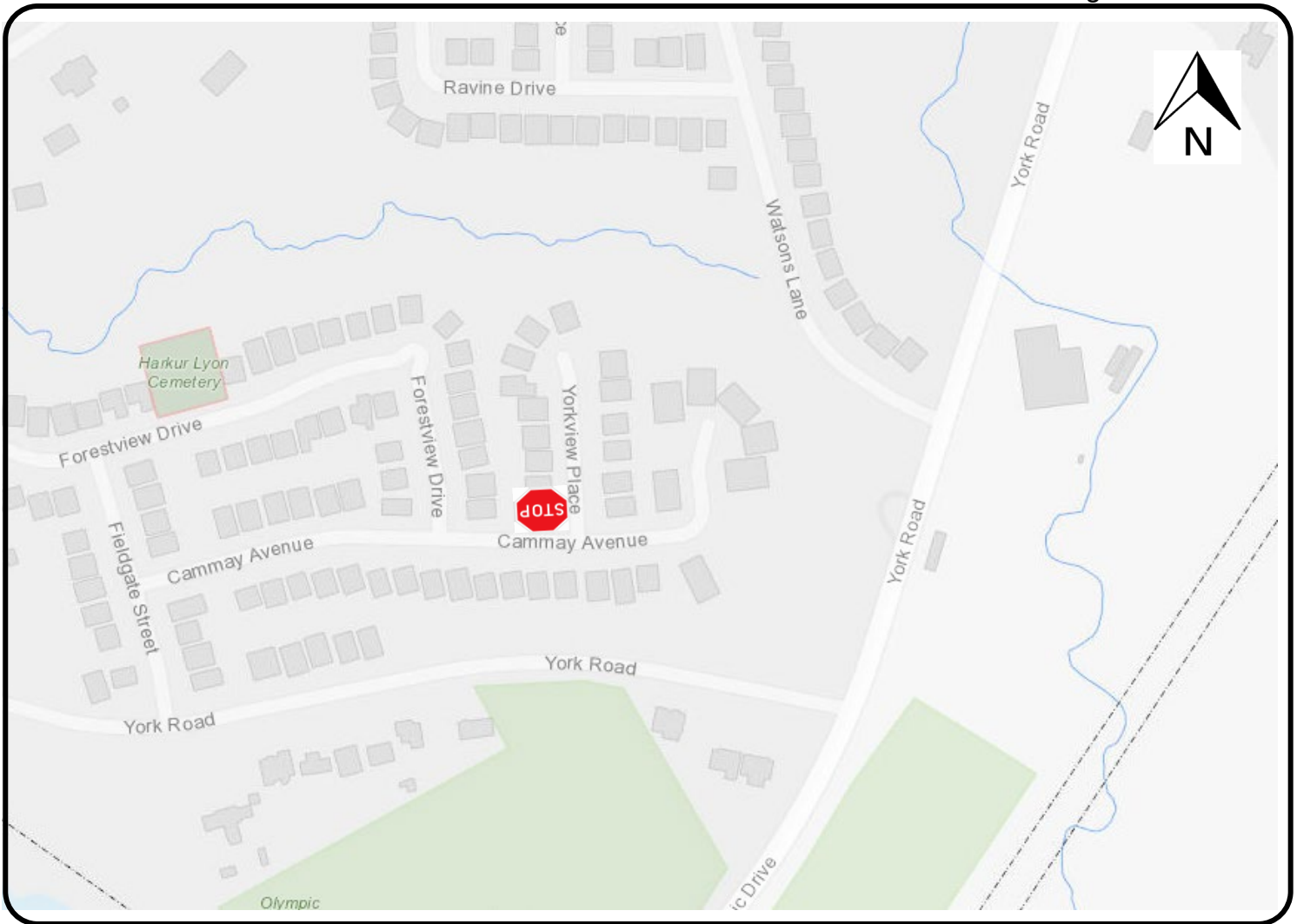
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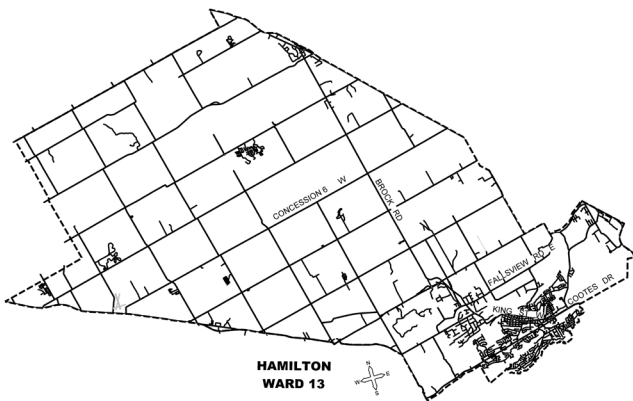
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Yorkview Place at Cammay Avenue

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

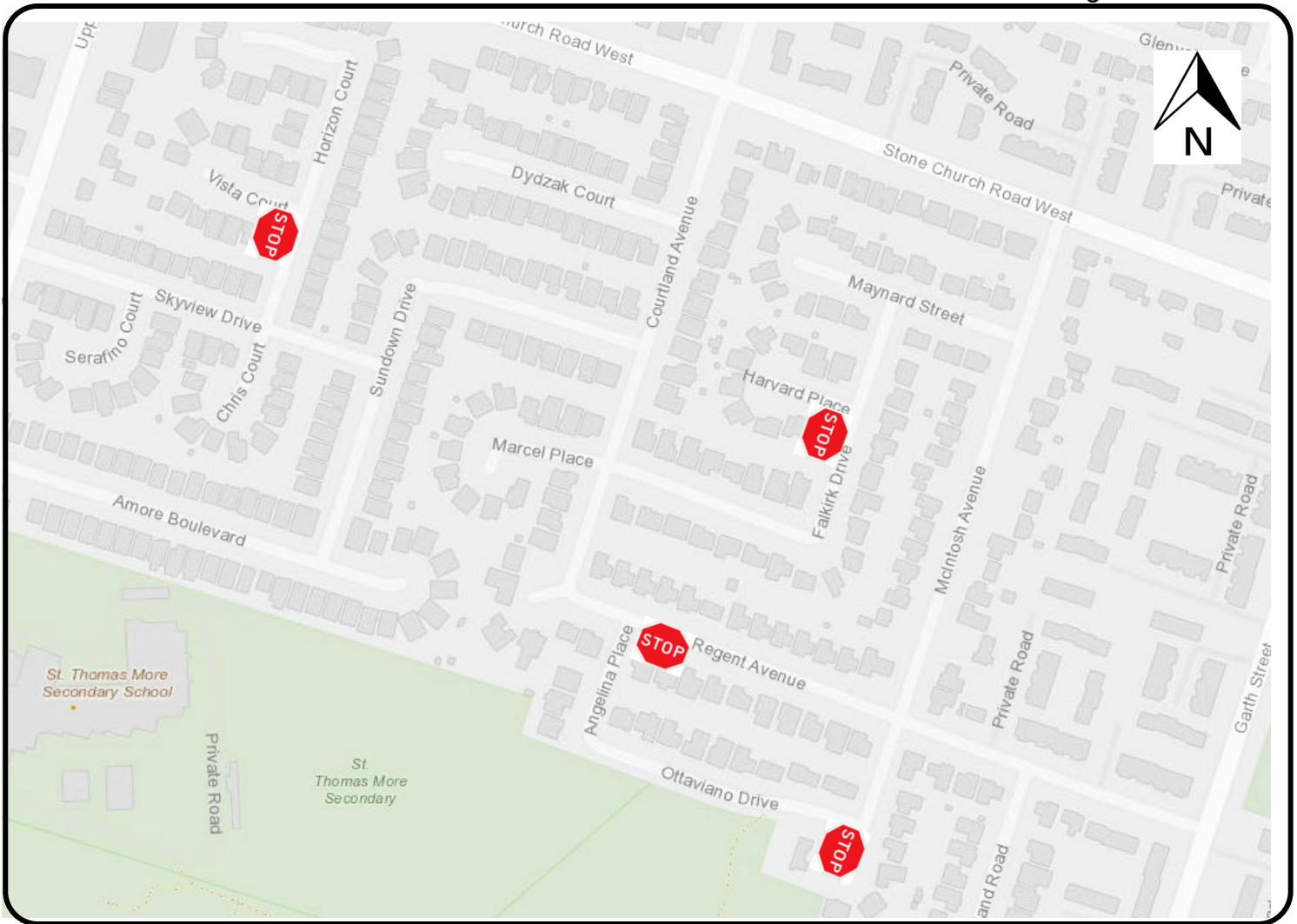
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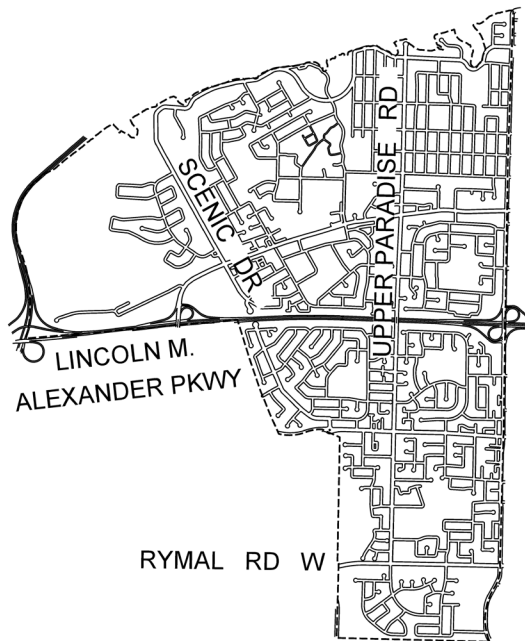
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 14**



LOCATION PLAN

PROPOSED STOP CONTROL:
Angelina Place at Regent Avenue
Ottaviano Drive at McIntosh Avenue
Vista Court at Horizon Court
Harvard Place at Falkirk Drive

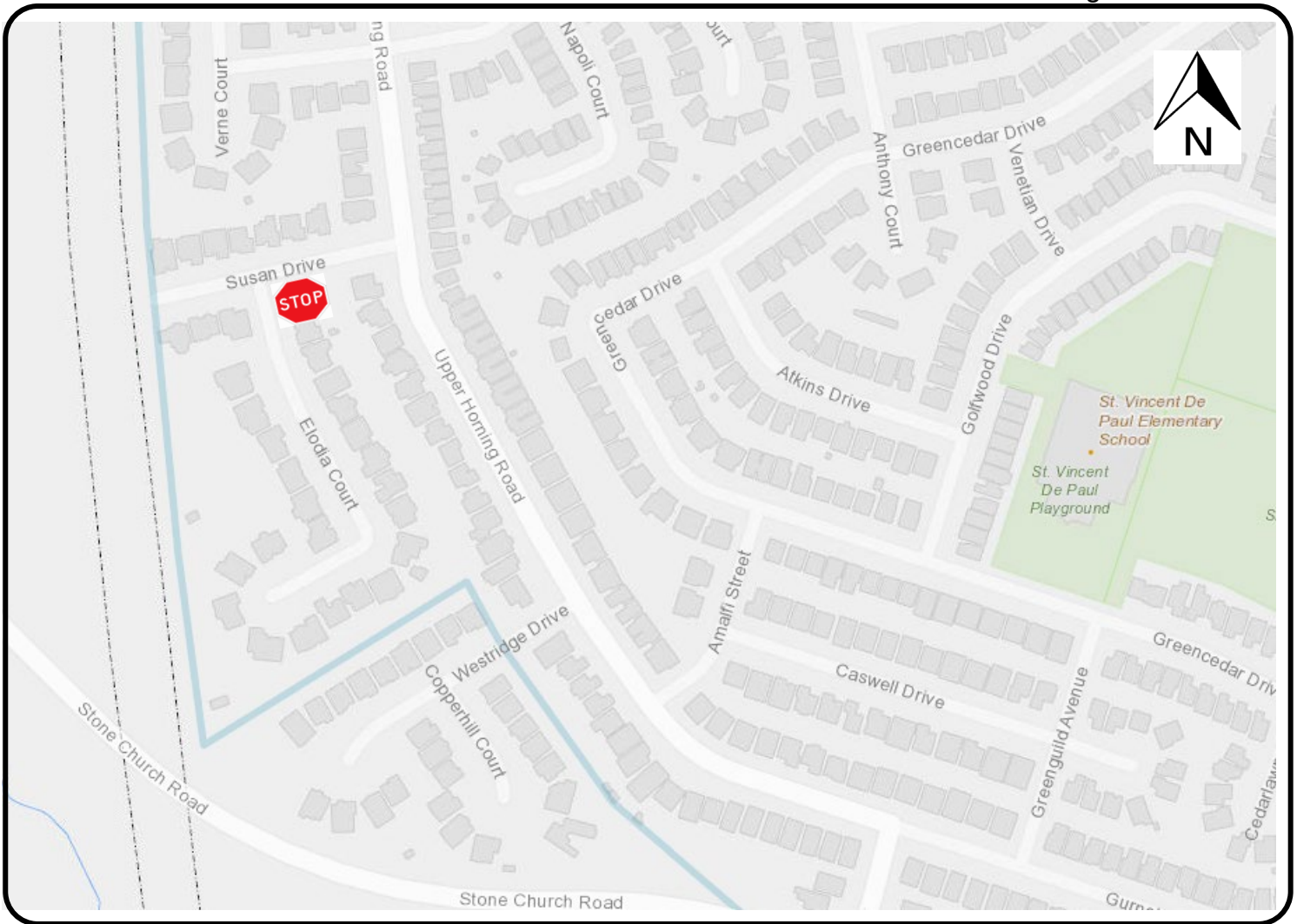
Transportation Operations & Maintenance
 PUBLIC WORKS DEPARTMENT

LEGEND

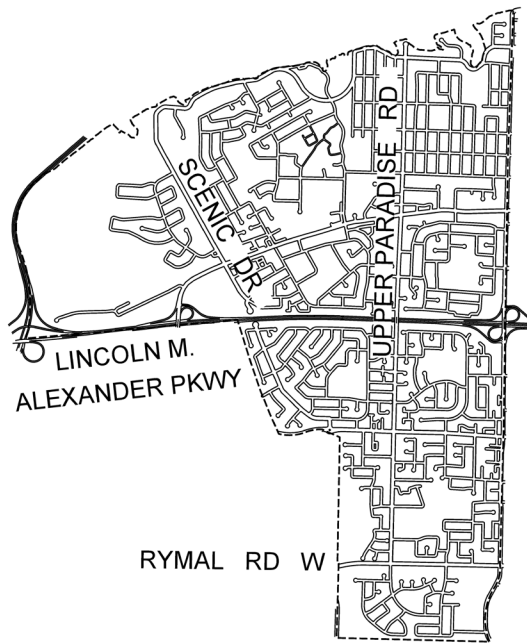
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 14**



LOCATION PLAN

PROPOSED STOP CONTROL:

Elodia Court at Susan Drive

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

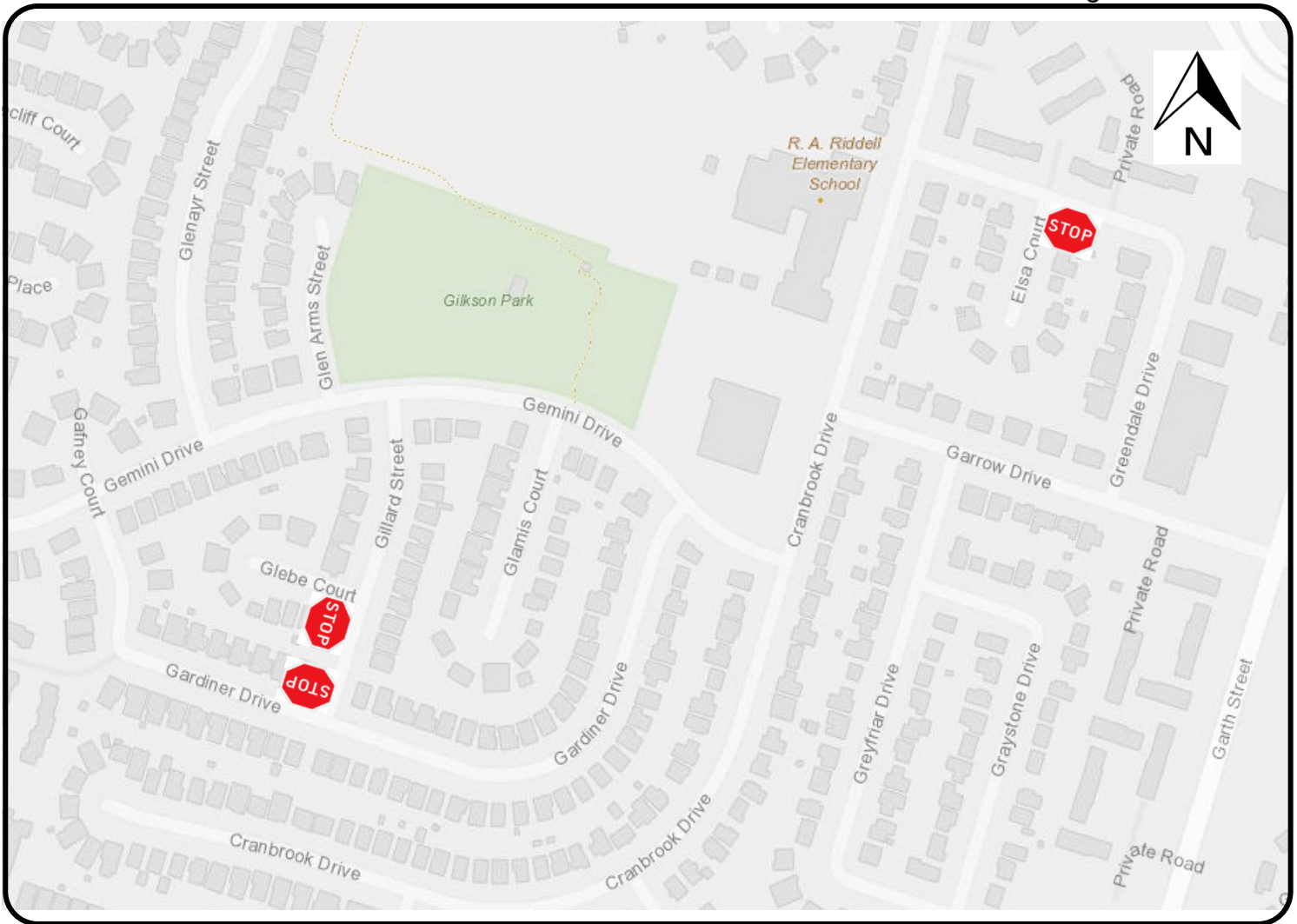
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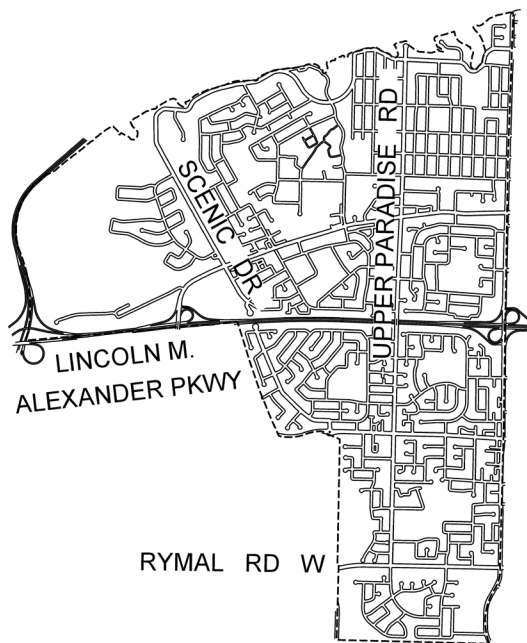
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 14**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Glebe Court at Gillard Street
Gillard Street at Gardiner Drive
Elsa Court at Greendale Drive**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

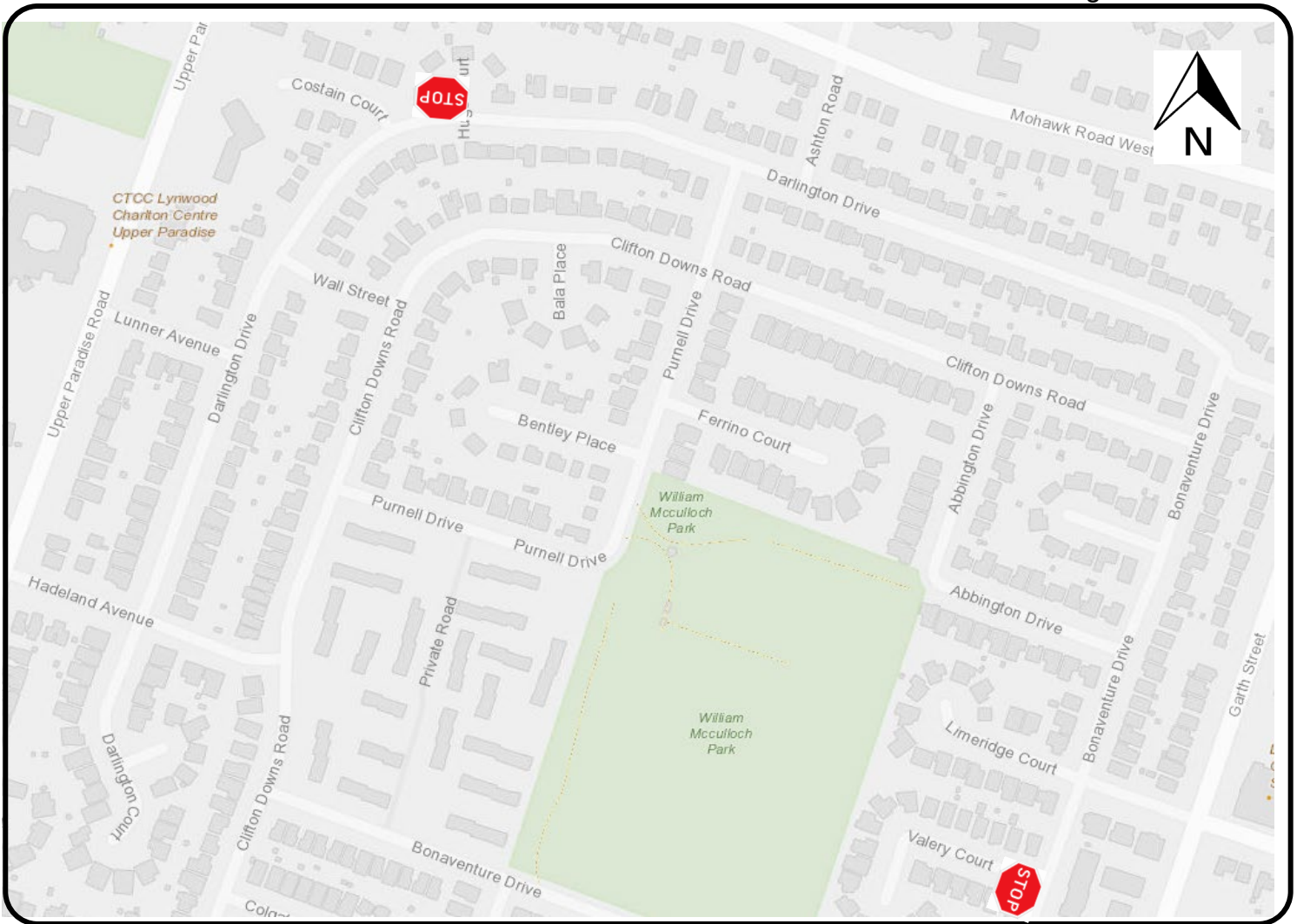
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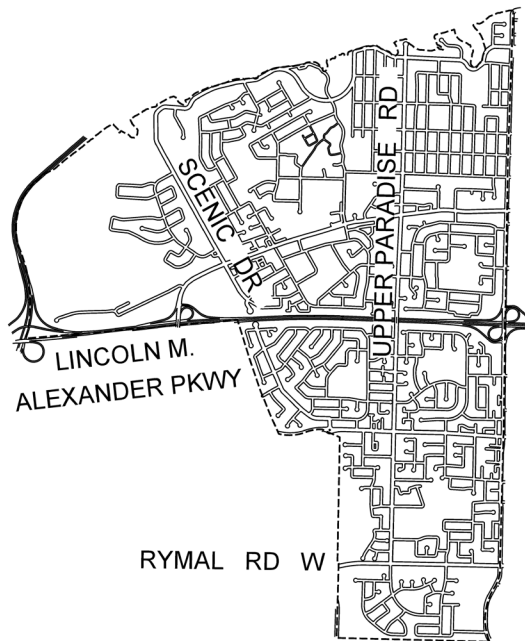
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 14**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Hugo Court at Darlington Drive
Valery Court at Bonaventure Drive**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

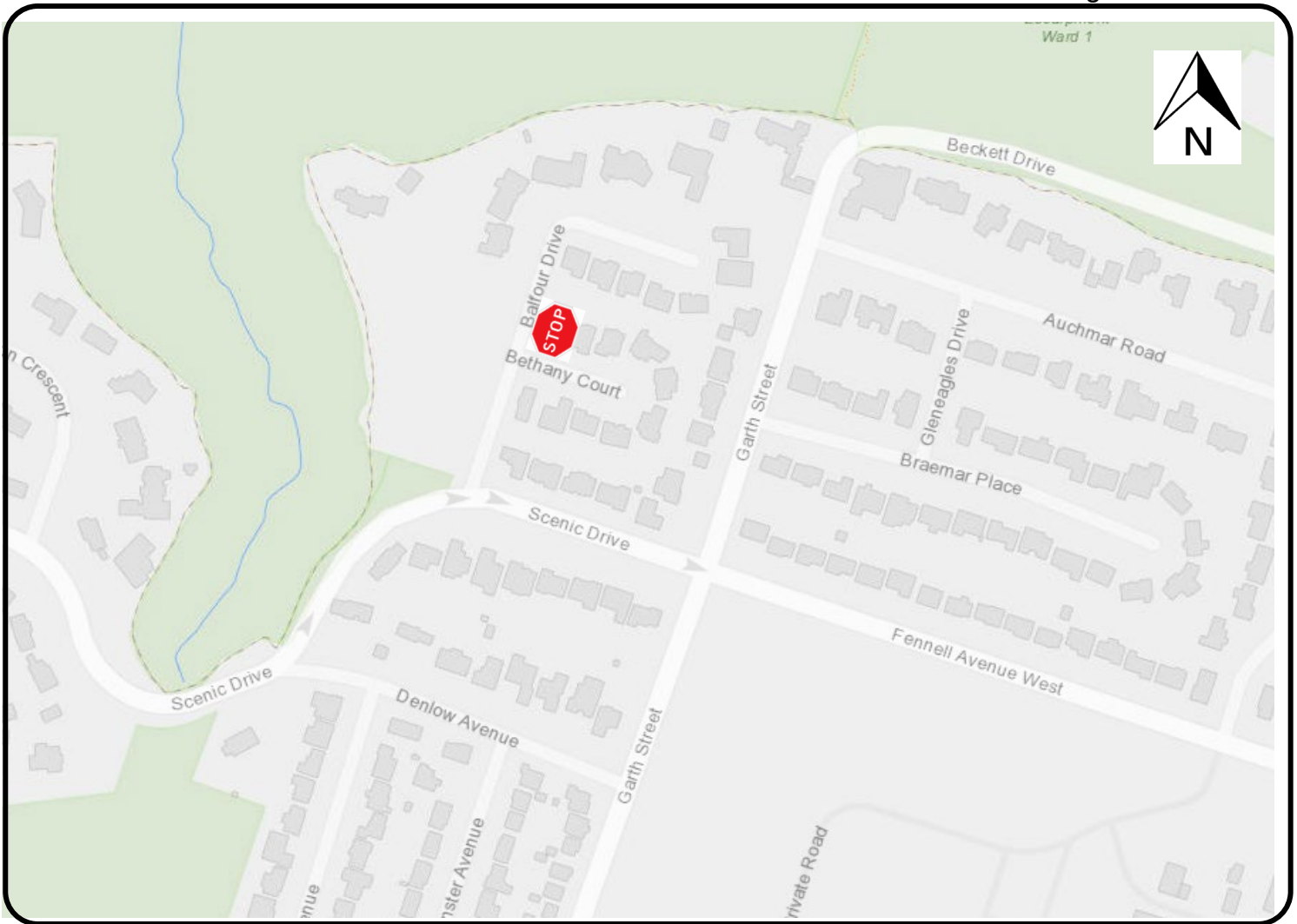
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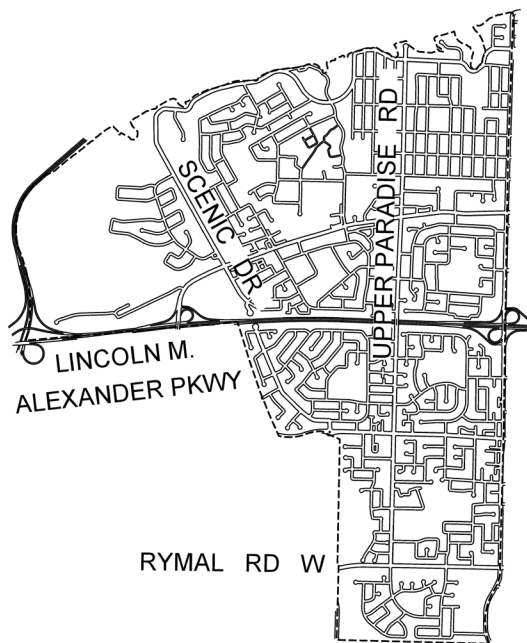
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 14**



LOCATION PLAN

PROPOSED STOP CONTROL:

Bethany Court at Balfour Drive

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

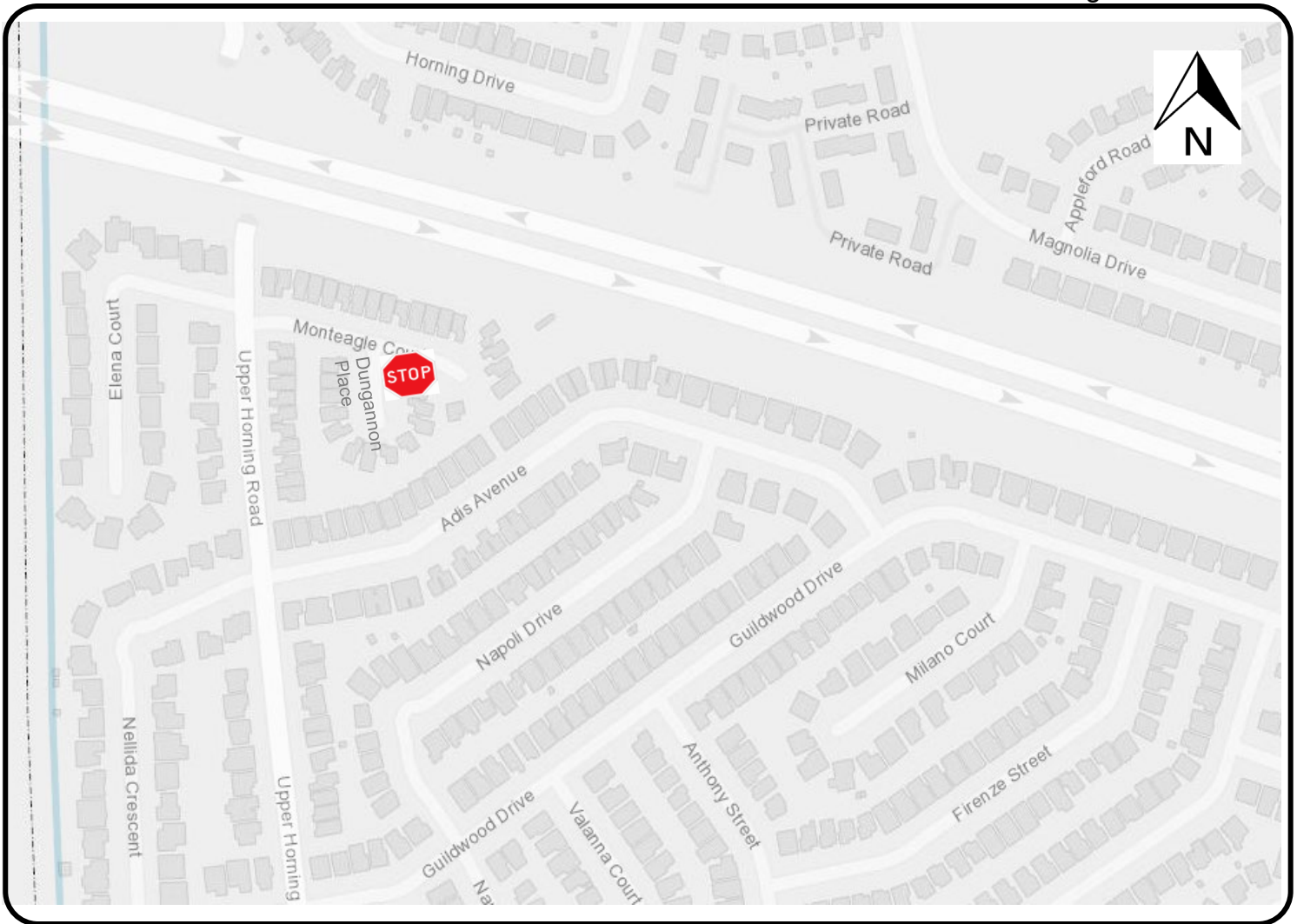
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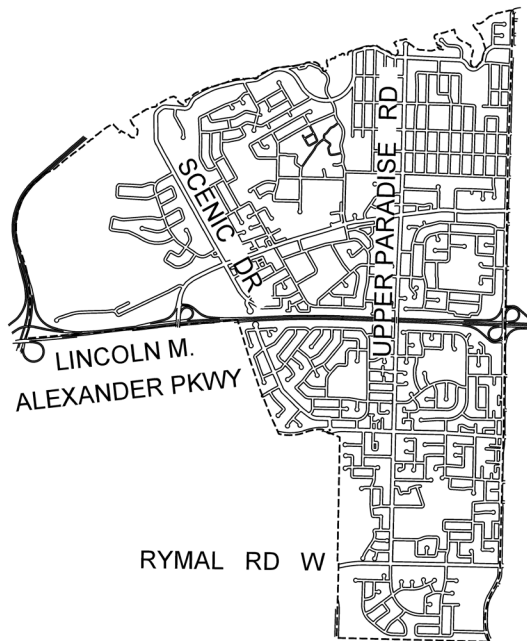
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 14**



LOCATION PLAN

PROPOSED STOP CONTROL:

Dungannon Place at Monteagle Court

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

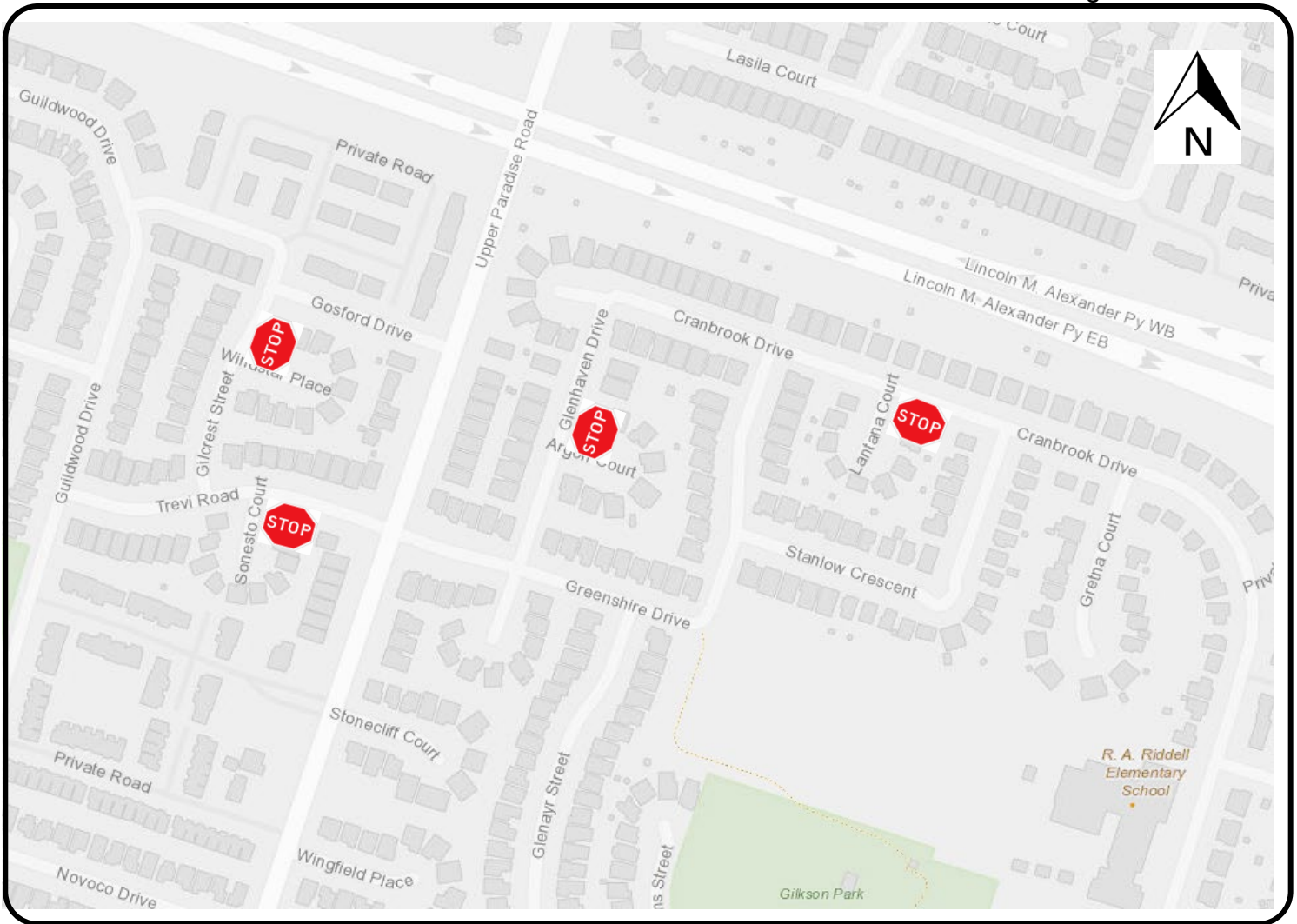
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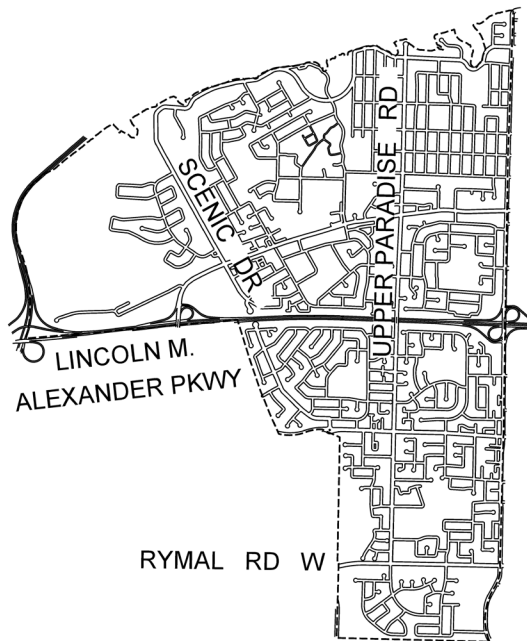
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 14**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Windstar Place at Gilcrest Street, Argon Court at
Glenhaven Drive, Latana Court at Cranbrook
Drive, Sonesto Court at Trevi Road**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

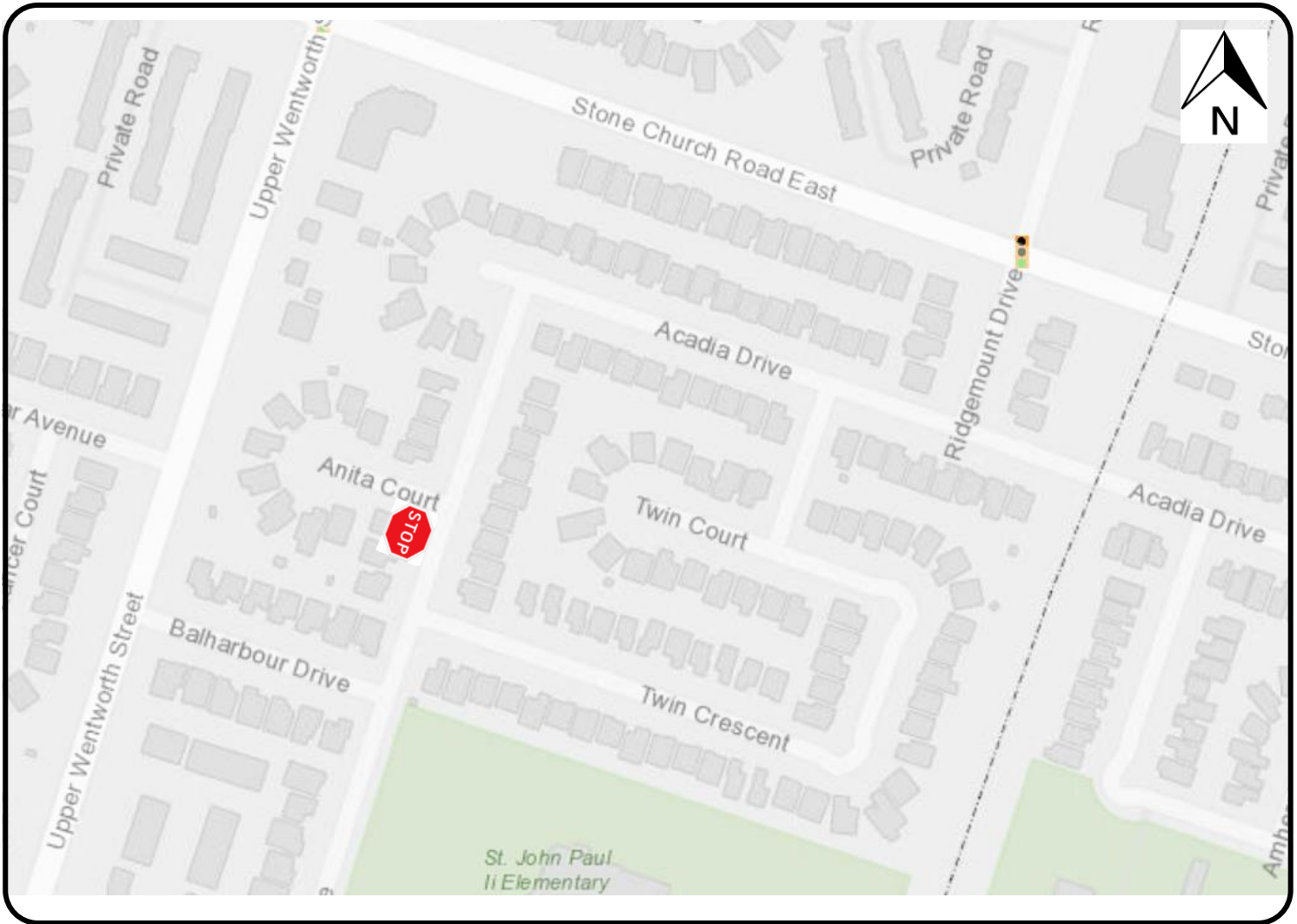
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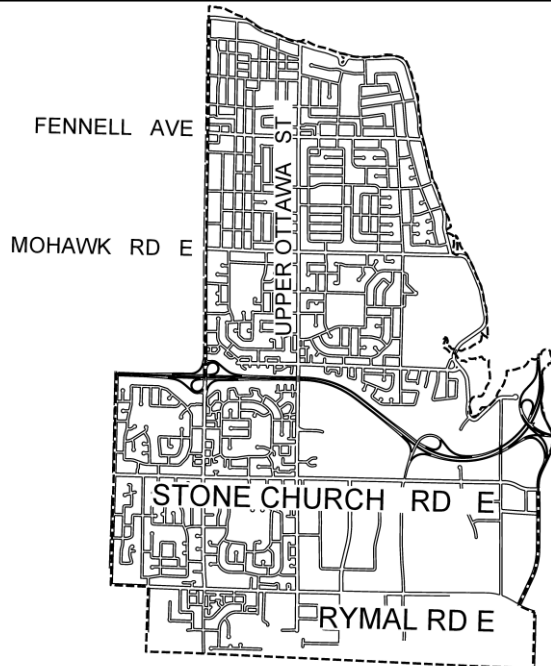
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

Anita Court at Acadia Drive

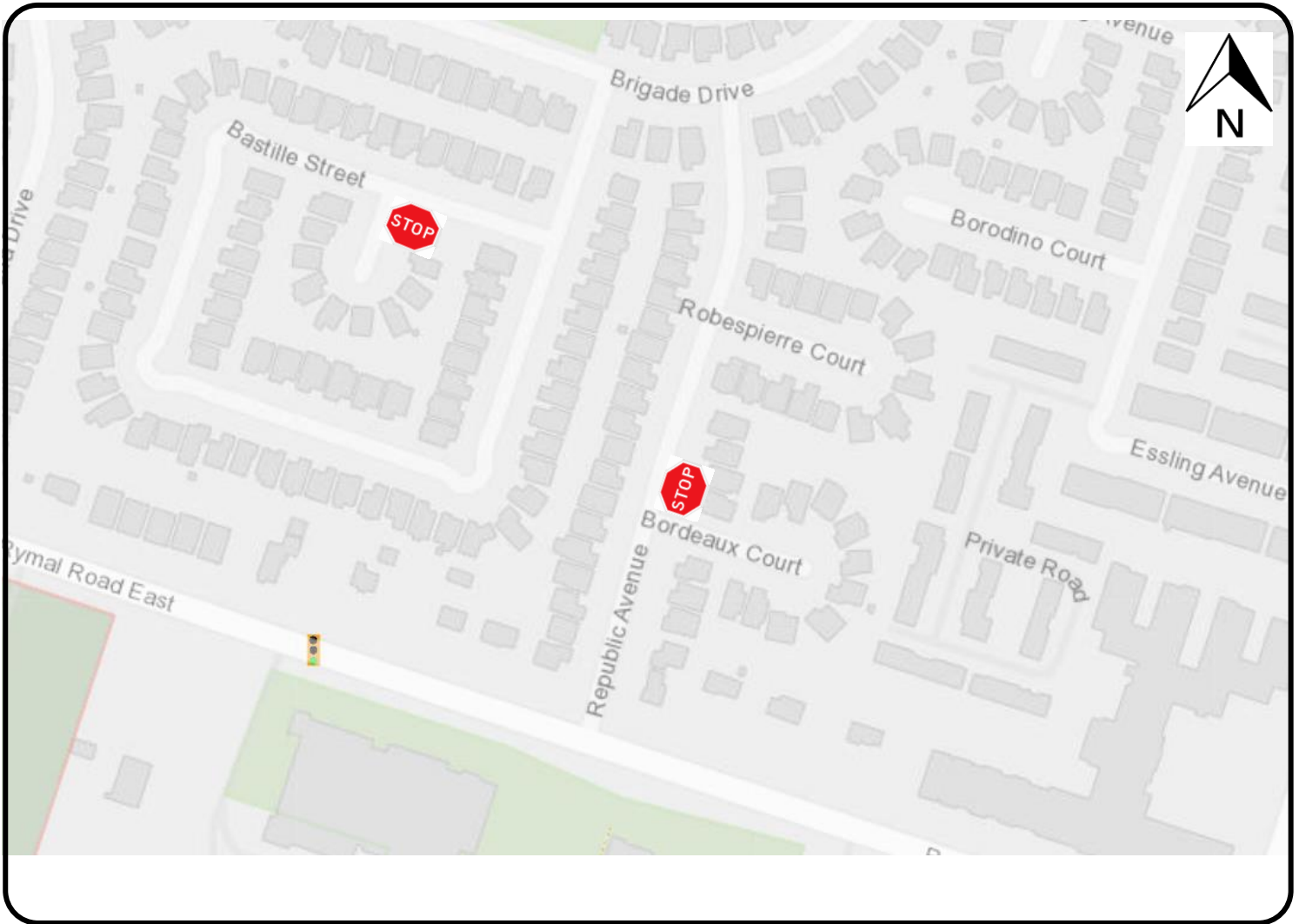
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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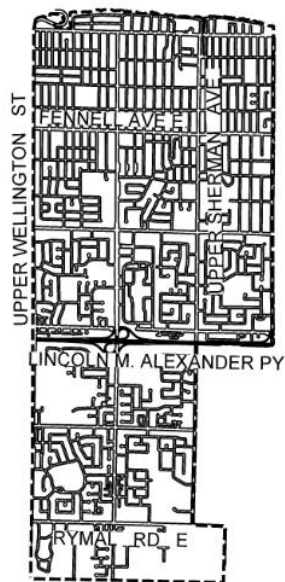
 **PROPOSED STOP**

SCALE
NOT TO SCALE

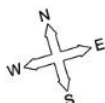
DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 7**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Bordeaux Court at Republic Avenue,
Montebello Court at Bastille Street**

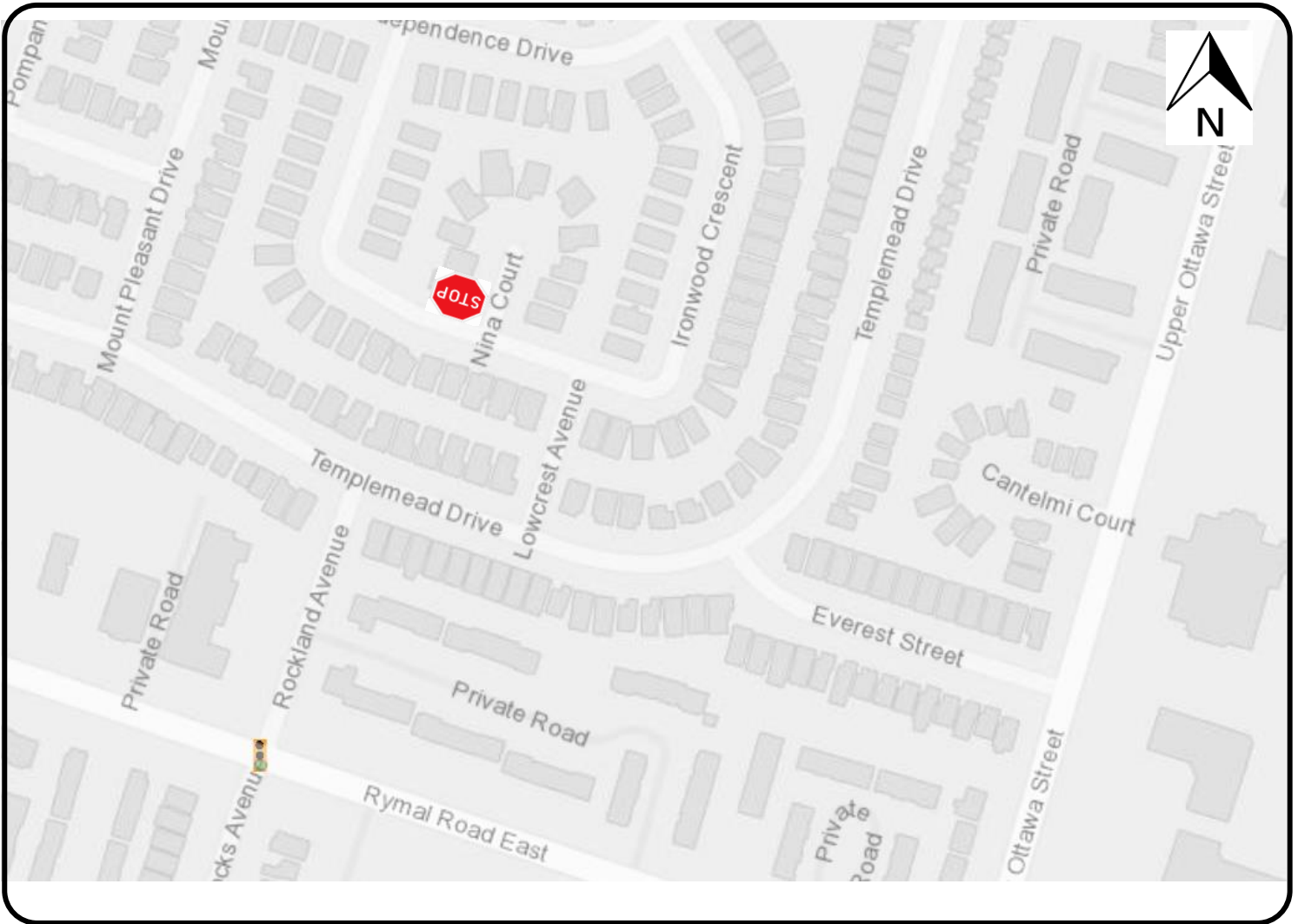
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

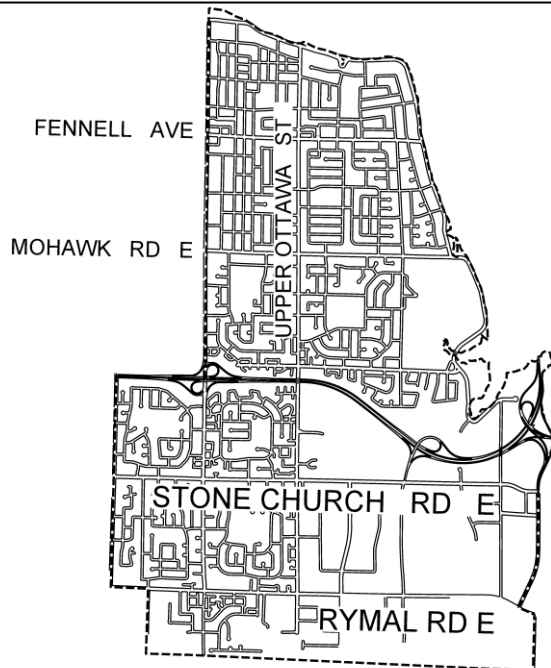
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

Nina Court at Ironwood Crescent

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND



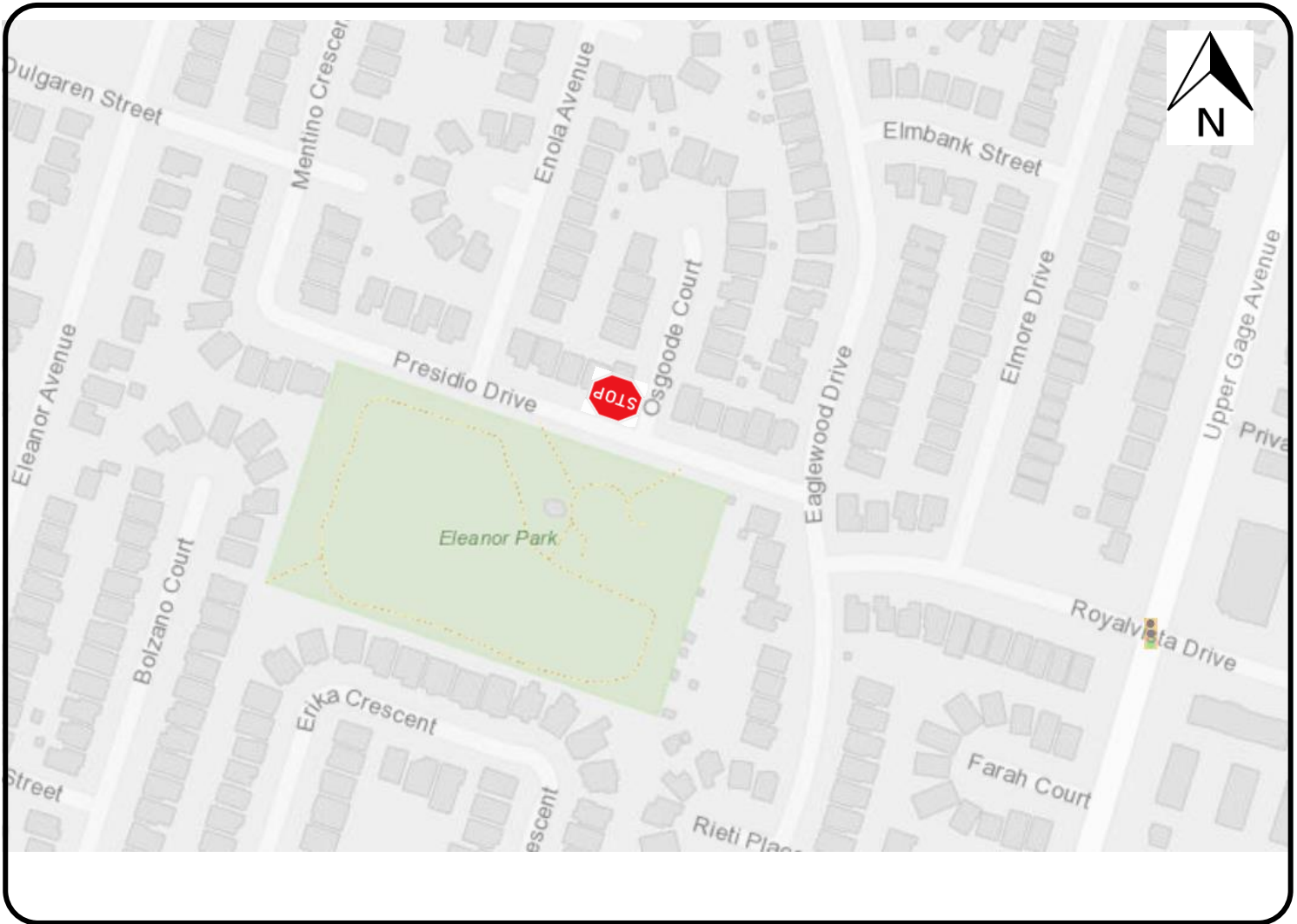
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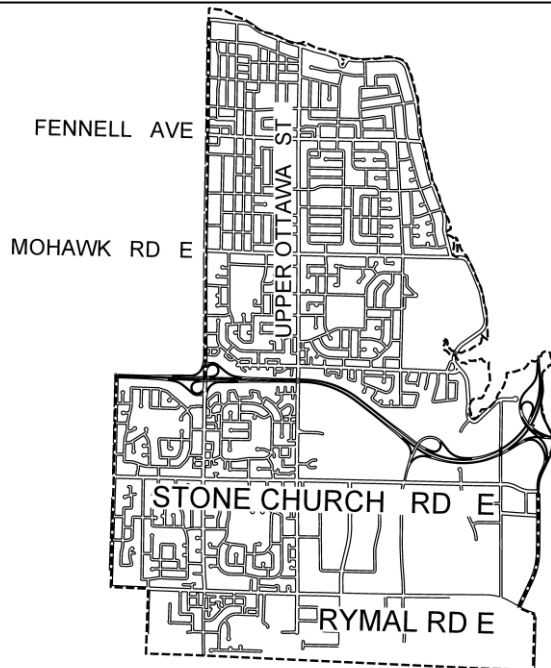
NOT TO SCALE

DATE

September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

Osgoode Court at Presidio Drive

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND



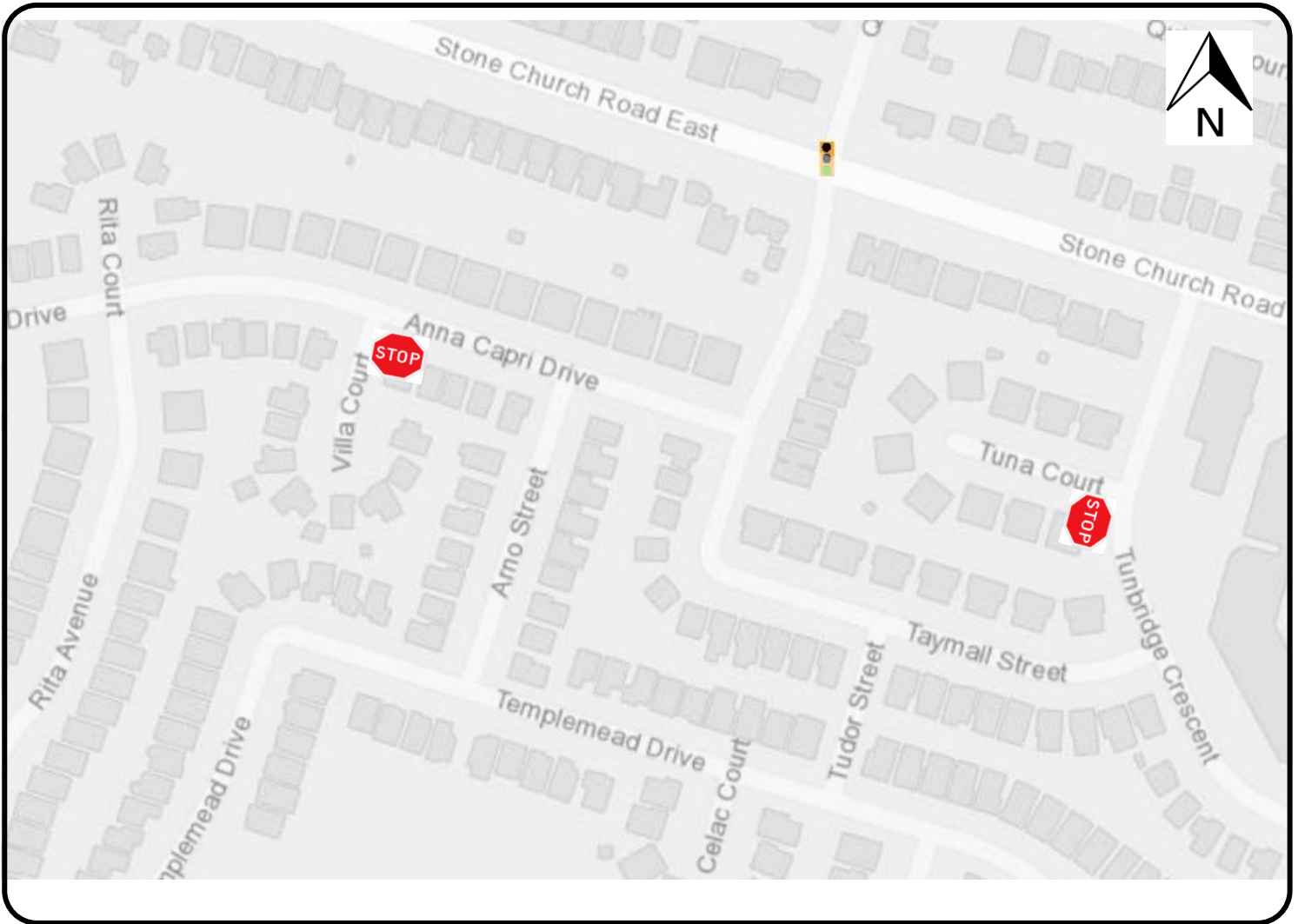
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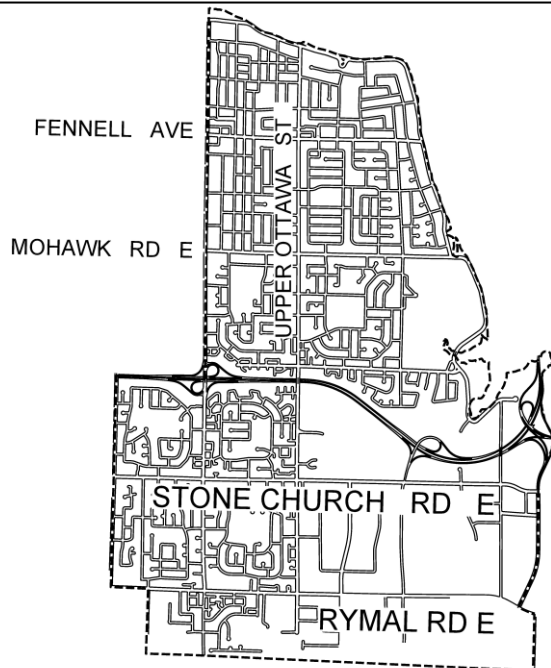
NOT TO SCALE

DATE

September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Villa Court at Anna Capri Drive,
Tuna Court at Tunbridge Crescent**

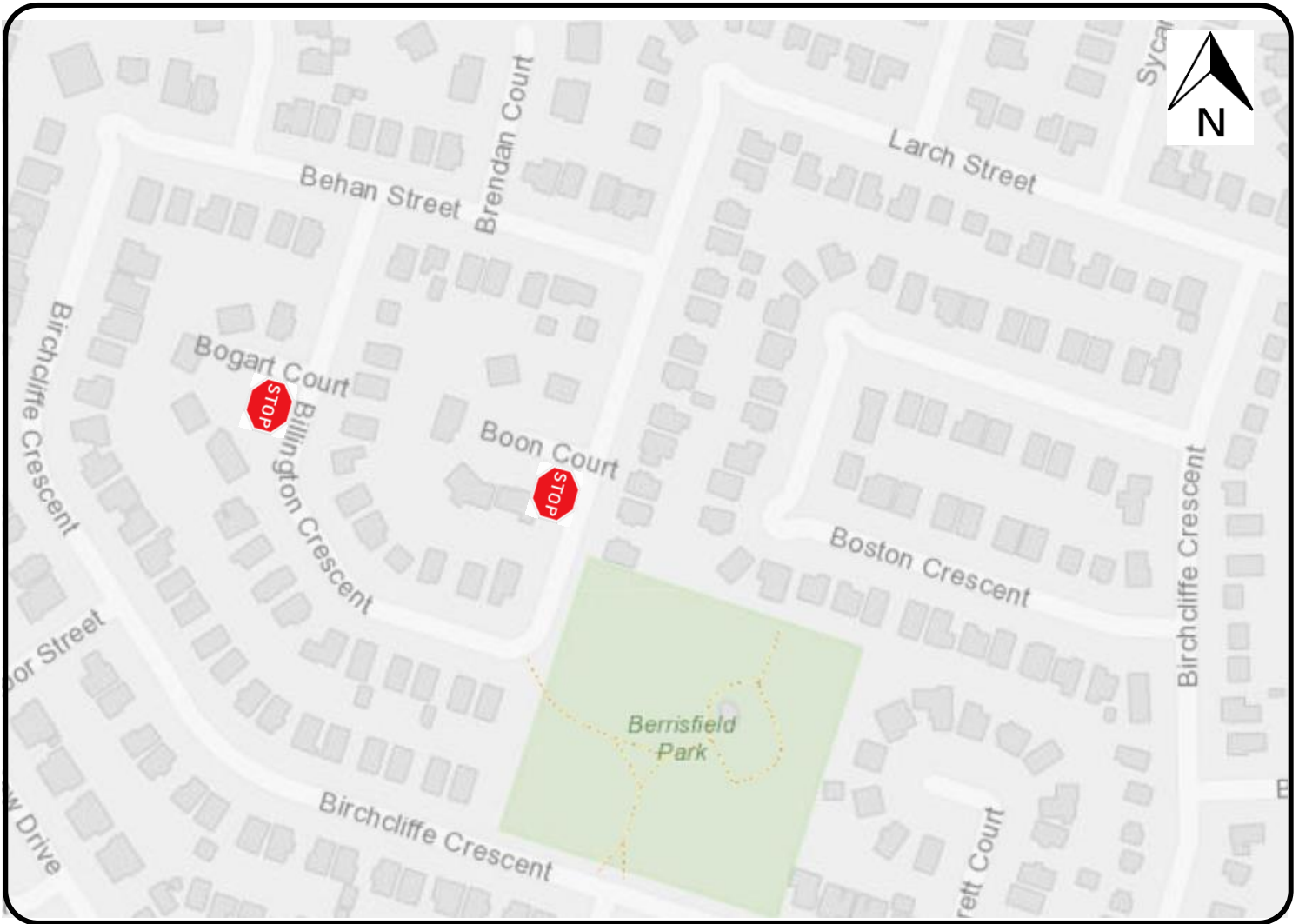
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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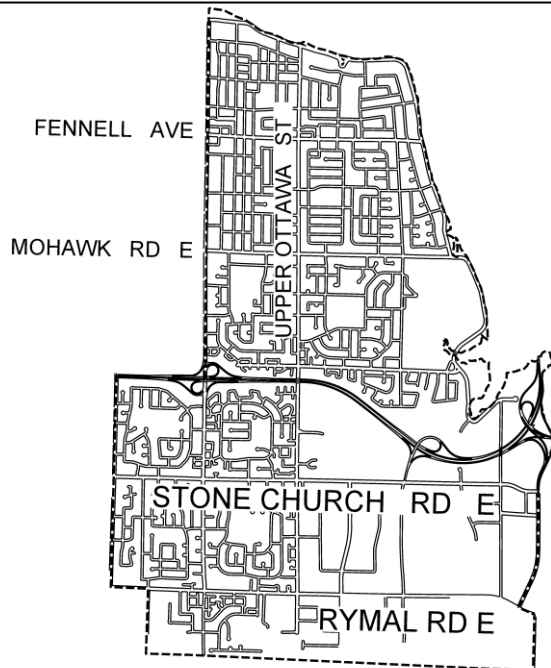
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Bogart Court at Billington Crescent,
Boon Court at Billington Crescent**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND



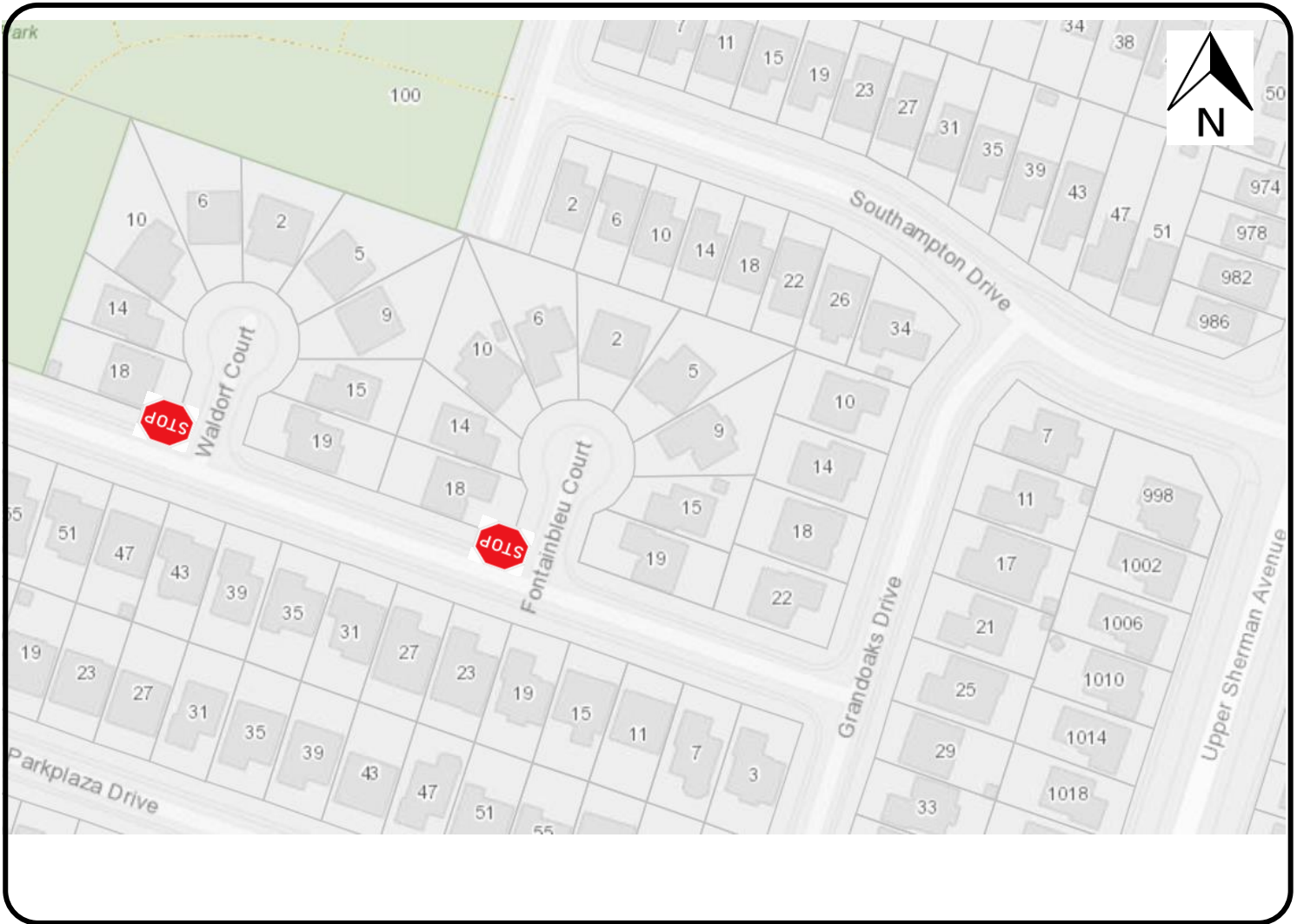
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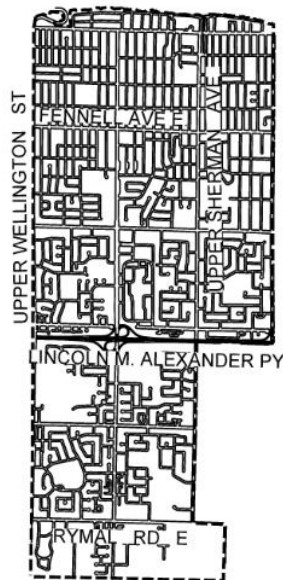
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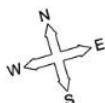
September 10, 2021



KEY MAP



**HAMILTON
WARD 7**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Fontainbleu Court at Parkwood Crescent,
Waldorf Crescent at Parkwood Crescent**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

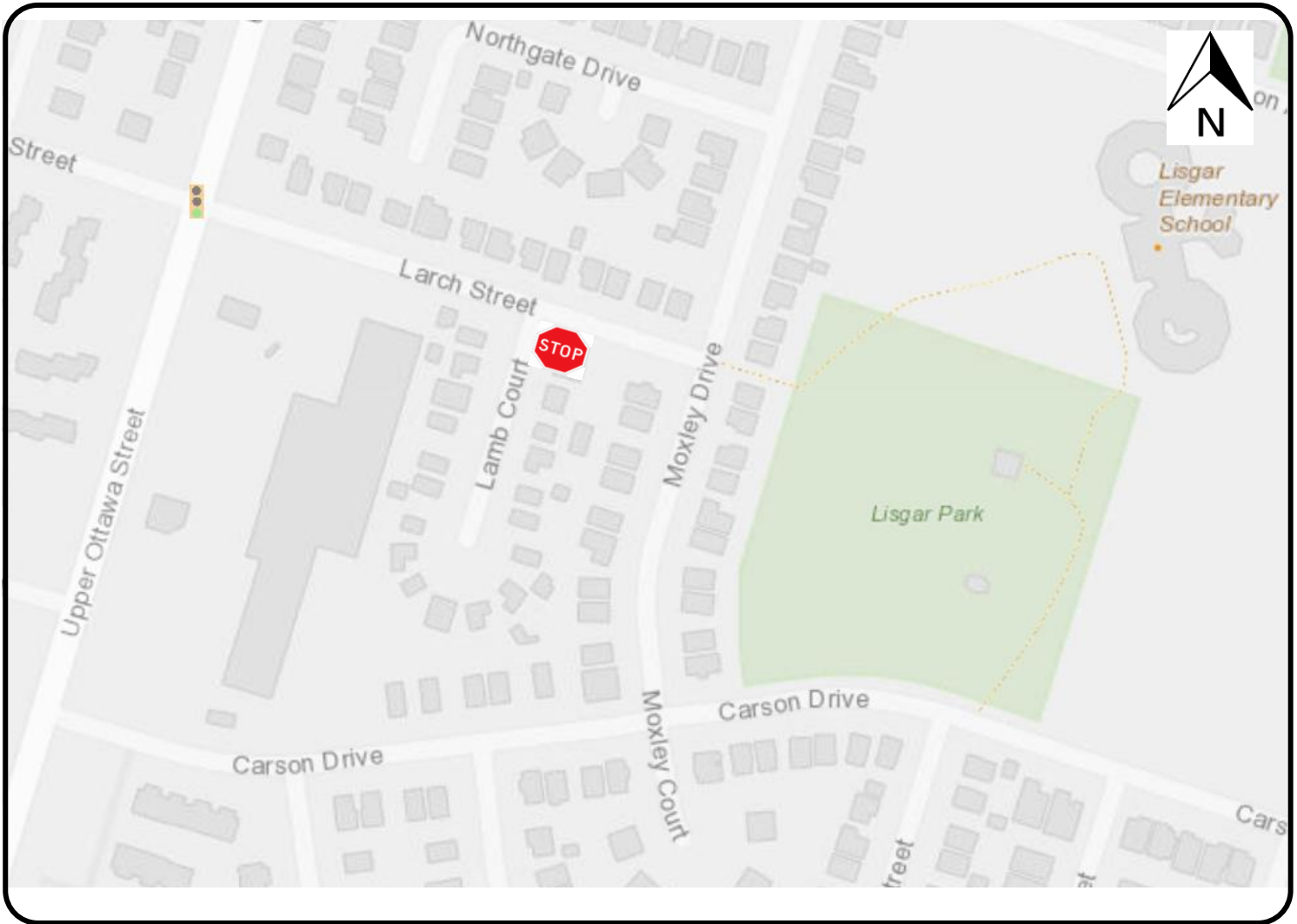
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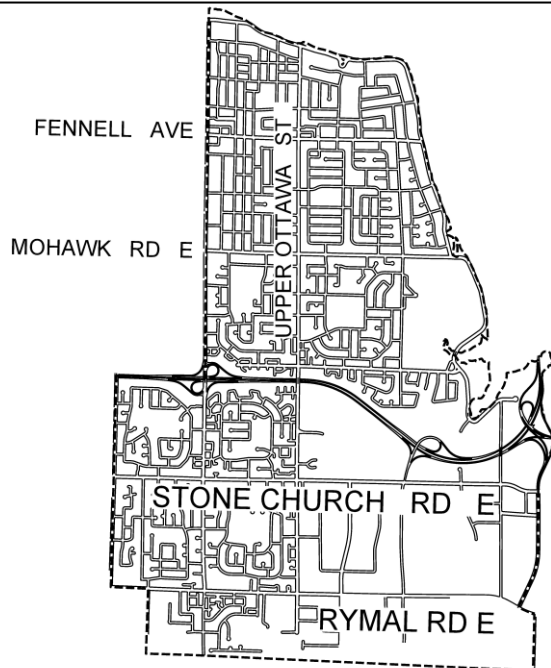
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 6



LOCATION PLAN

PROPOSED STOP CONTROL:

Lamb Court at Larch Street

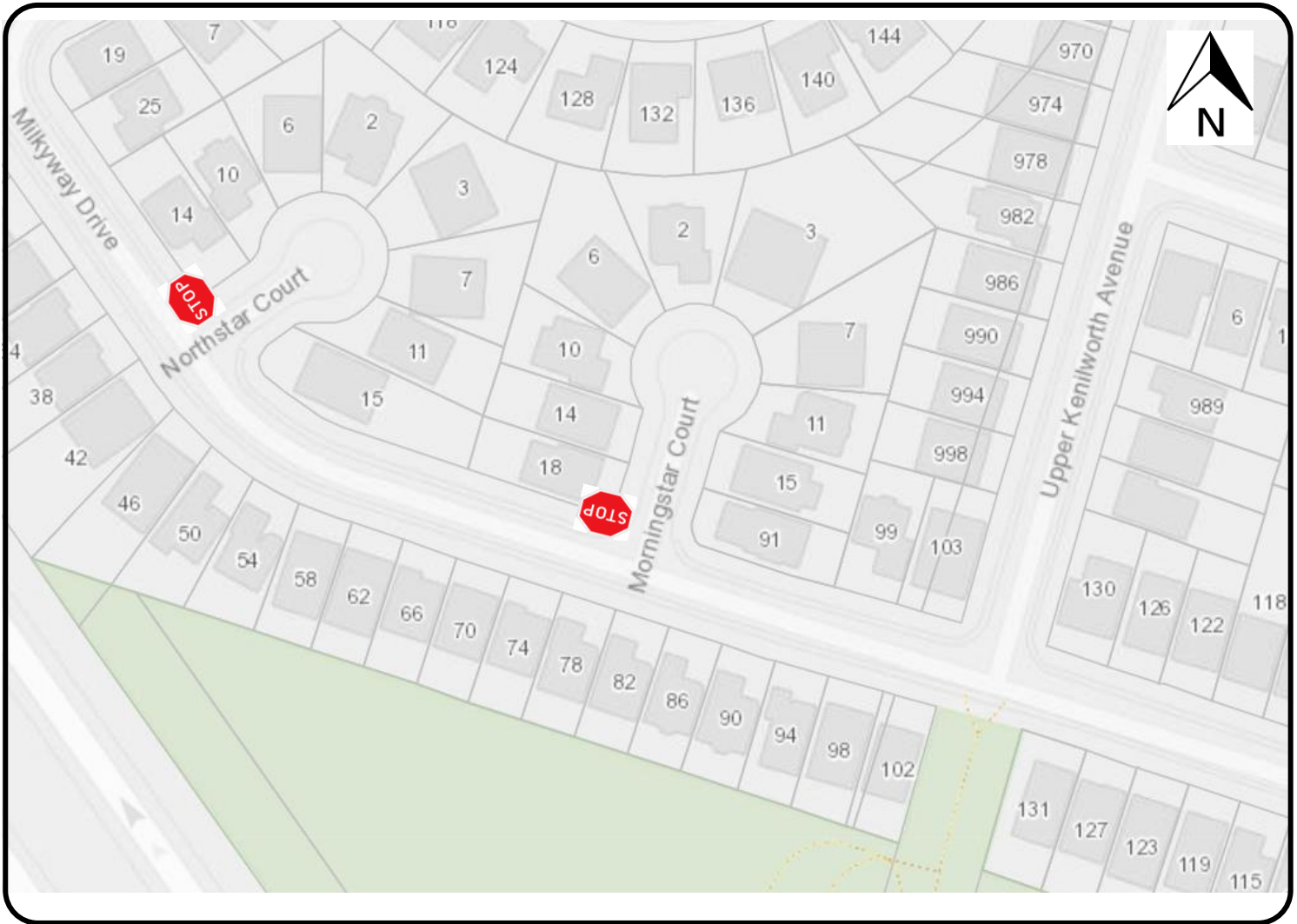
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

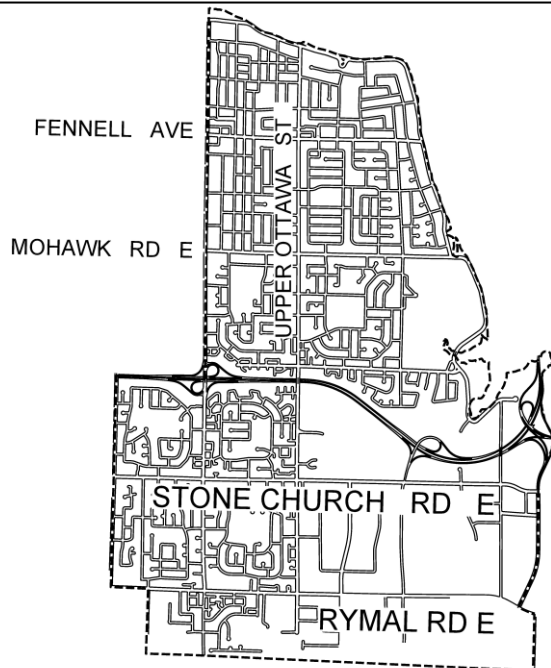
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Morningstar Court at Milkyway Drive,
Northstar Court at Milkyway Drive**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND



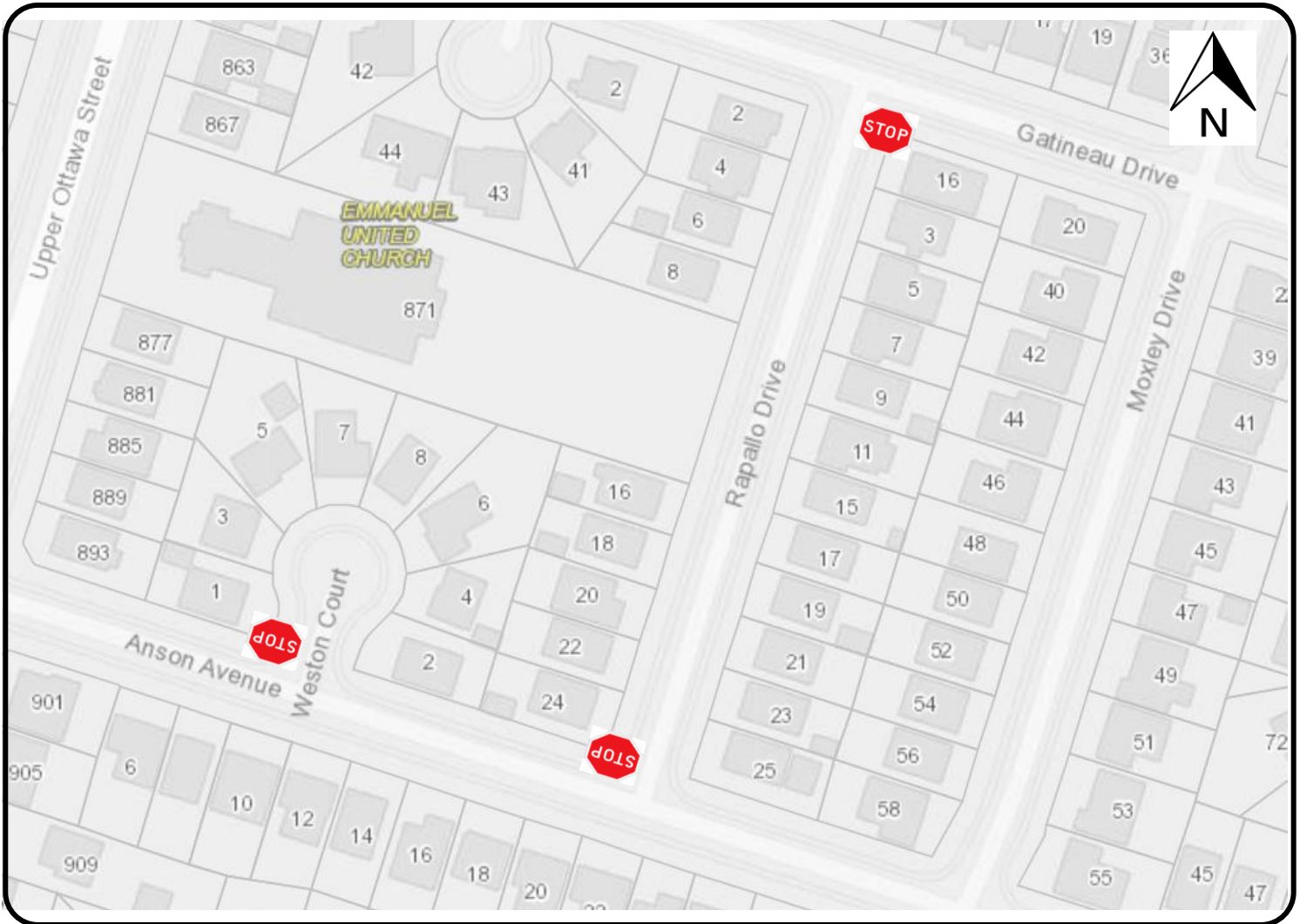
PROPOSED STOP

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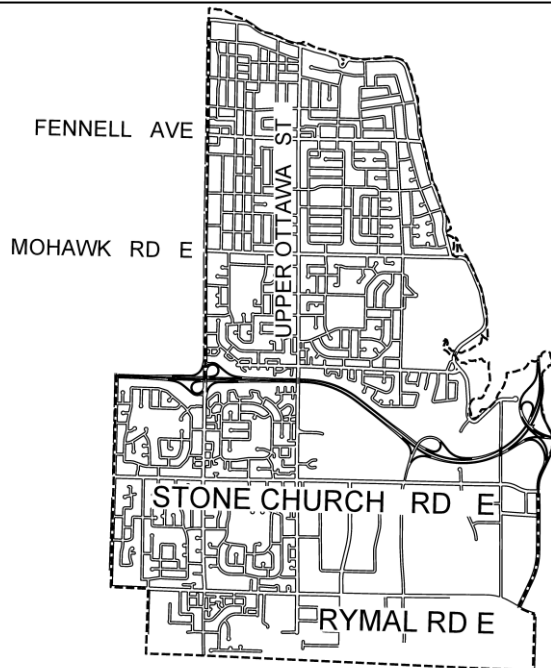
NOT TO SCALE

DATE

September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Rapallo Drive at Gatineau Drive,
Rapallo Drive at Anson Avenue,
Weston Court at Anson Avenue**

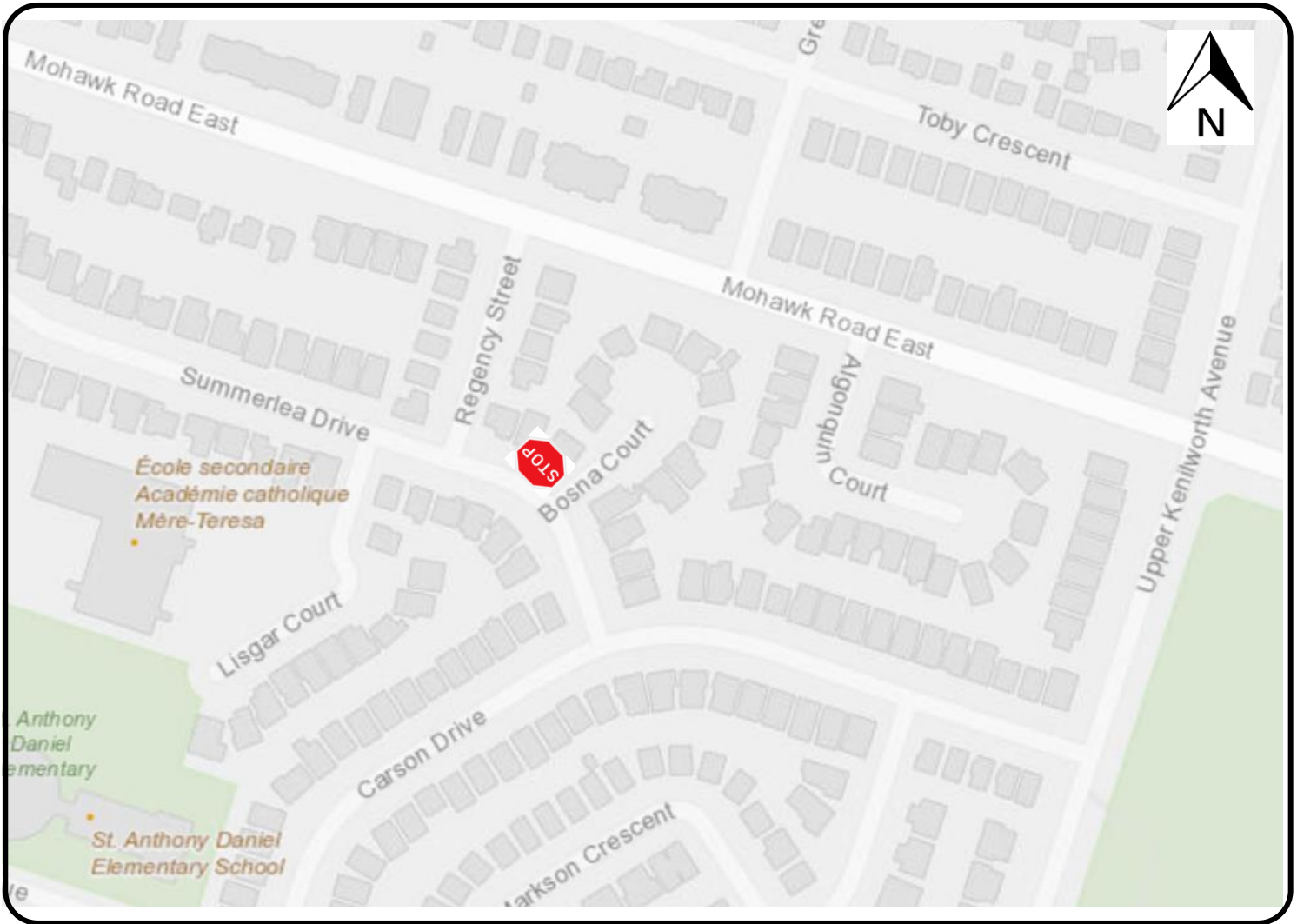
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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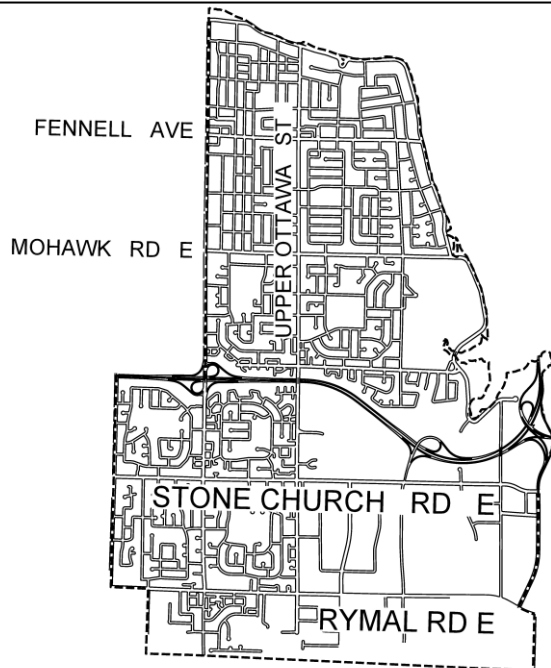
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

Bosna Court at Summerlea Drive

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND



PROPOSED STOP

SCALE

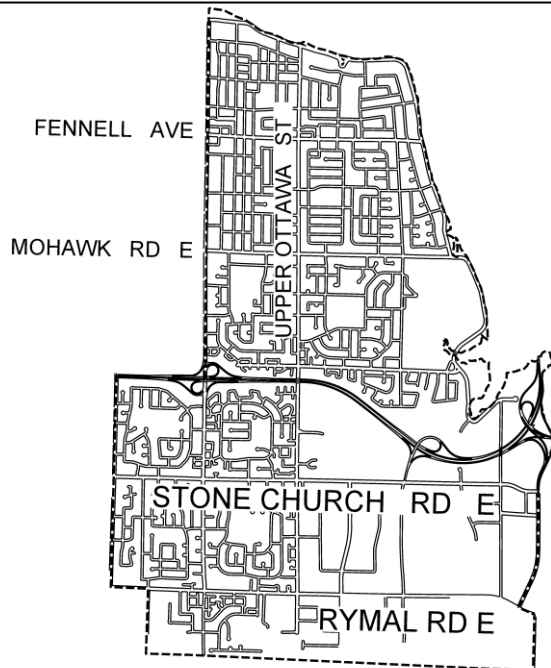
NOT TO SCALE

DATE

September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Camille Court at Grenadier Drive, Marvin Court
at Grenadier Drive, Barnett Court at Grenadier
Drive, Ferrara Street at Wise Crescent**

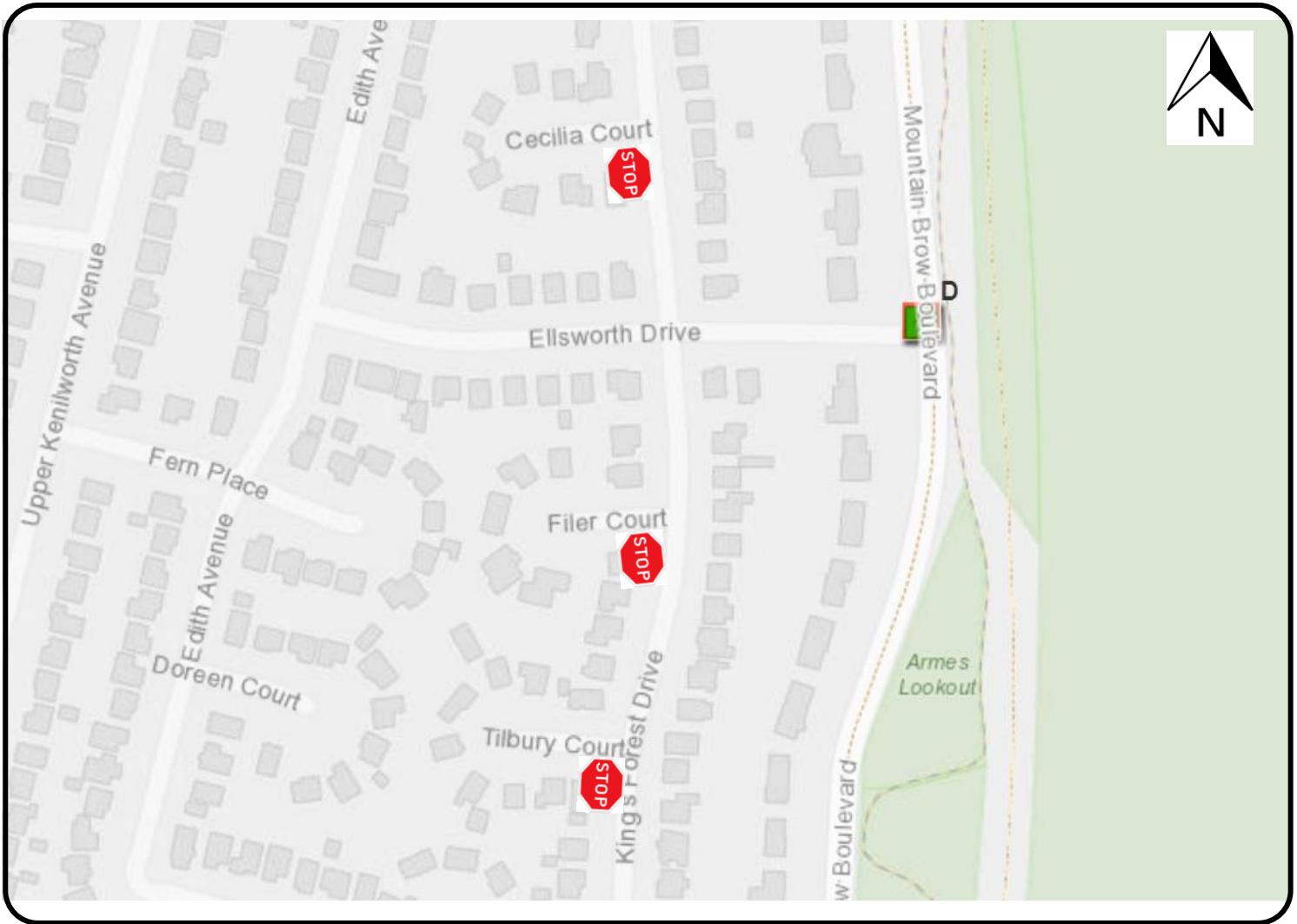
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

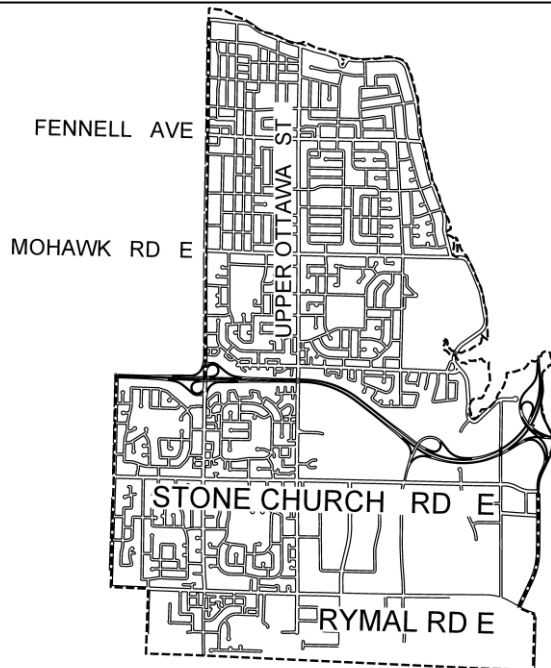
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

Cecilia Court at King's Forest Drive, Filer Court at King's Forest Drive, Tilbury Court at King's Forest Drive

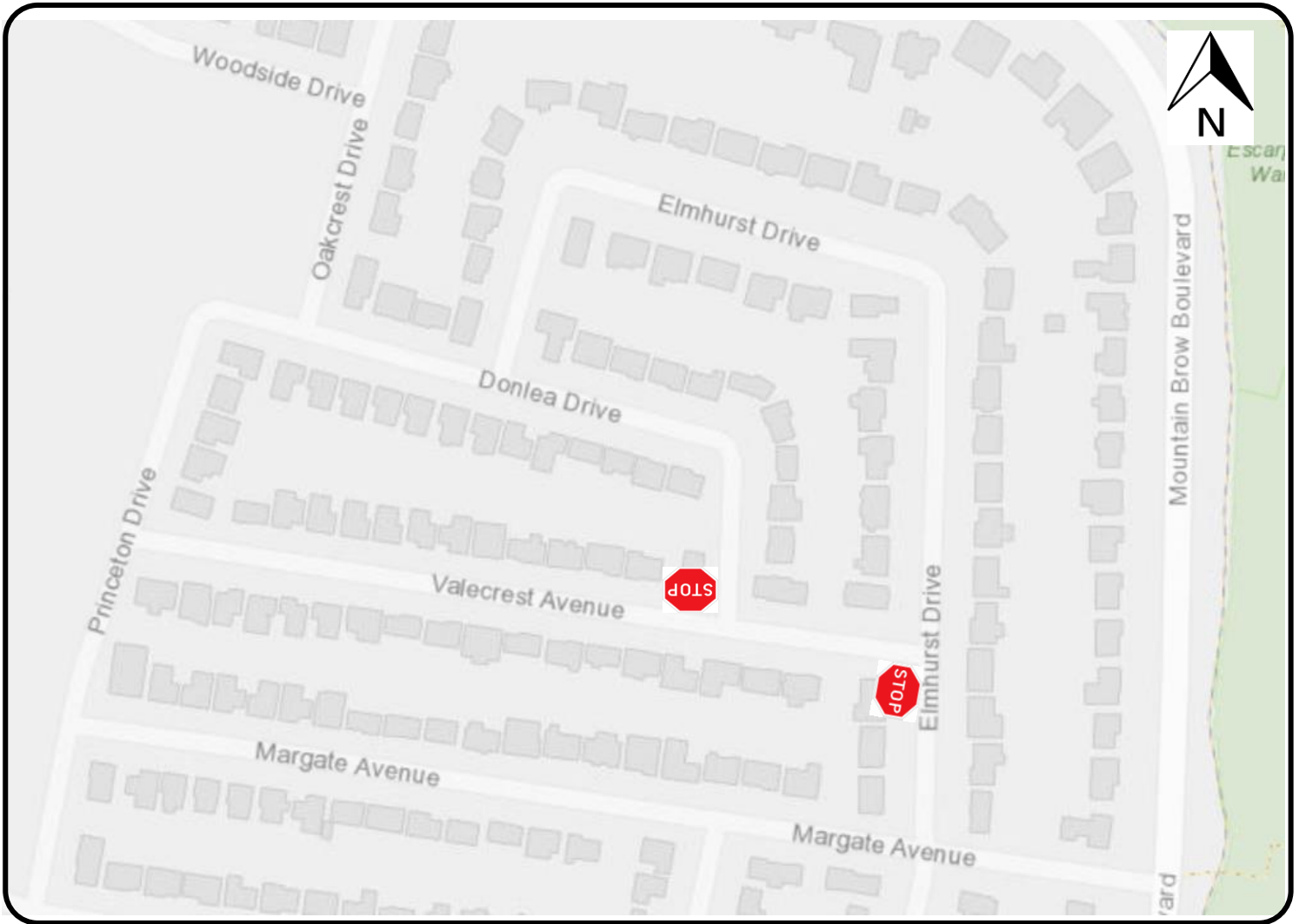
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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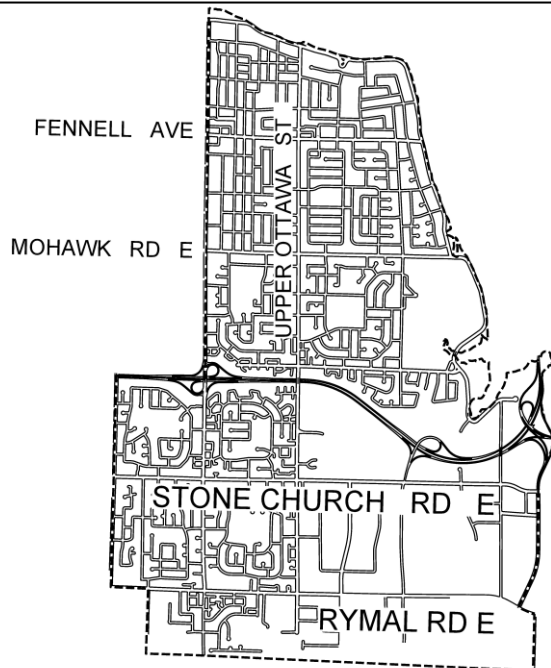
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Donlea Drive at Valecrest Avenue,
Valecrest Avenue at Elmhurst Drive**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND



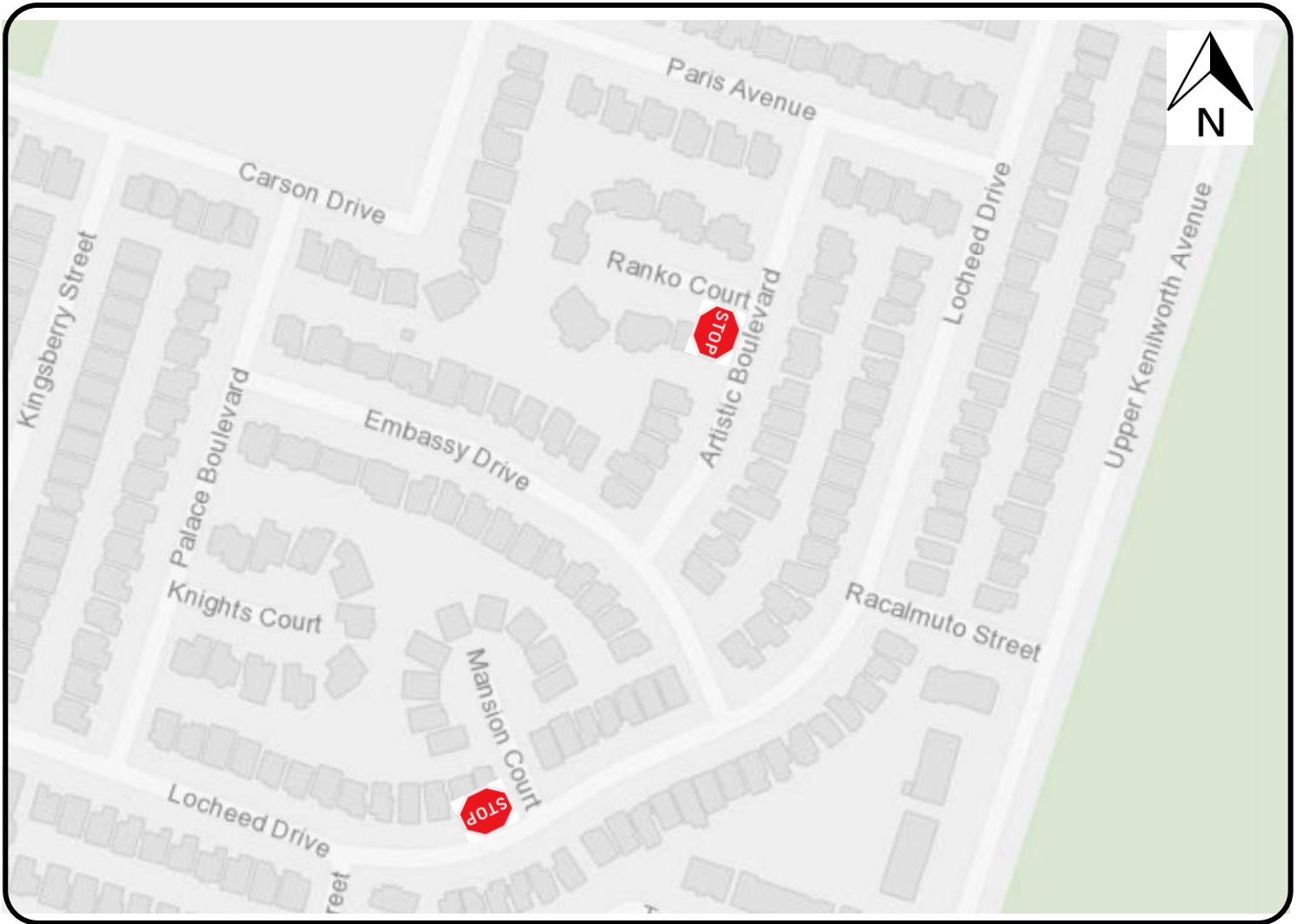
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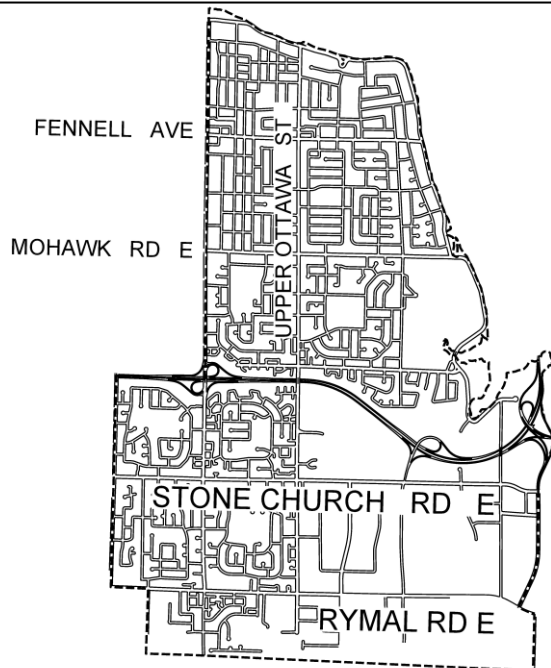
NOT TO SCALE

DATE

September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Mansion Court at Locheed Drive,
Ranko Court at Artistic Boulevard**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND



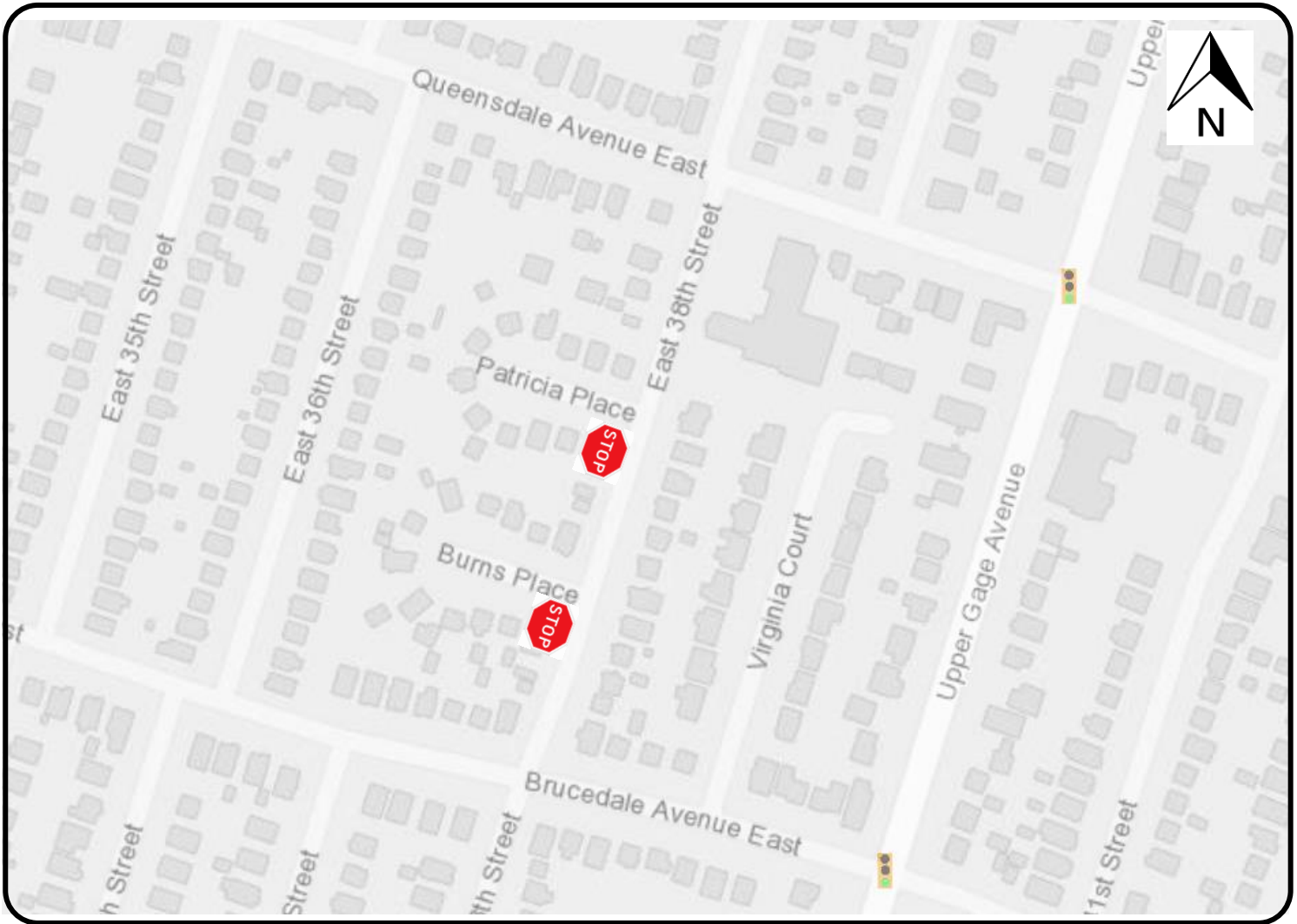
PROPOSED STOP

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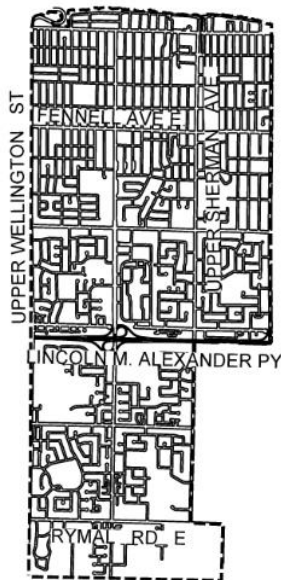
NOT TO SCALE

DATE

September 10, 2021



KEY MAP



**HAMILTON
WARD 7**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Patricia Place at East 38th Street,
Burns Place at East 38th Street**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

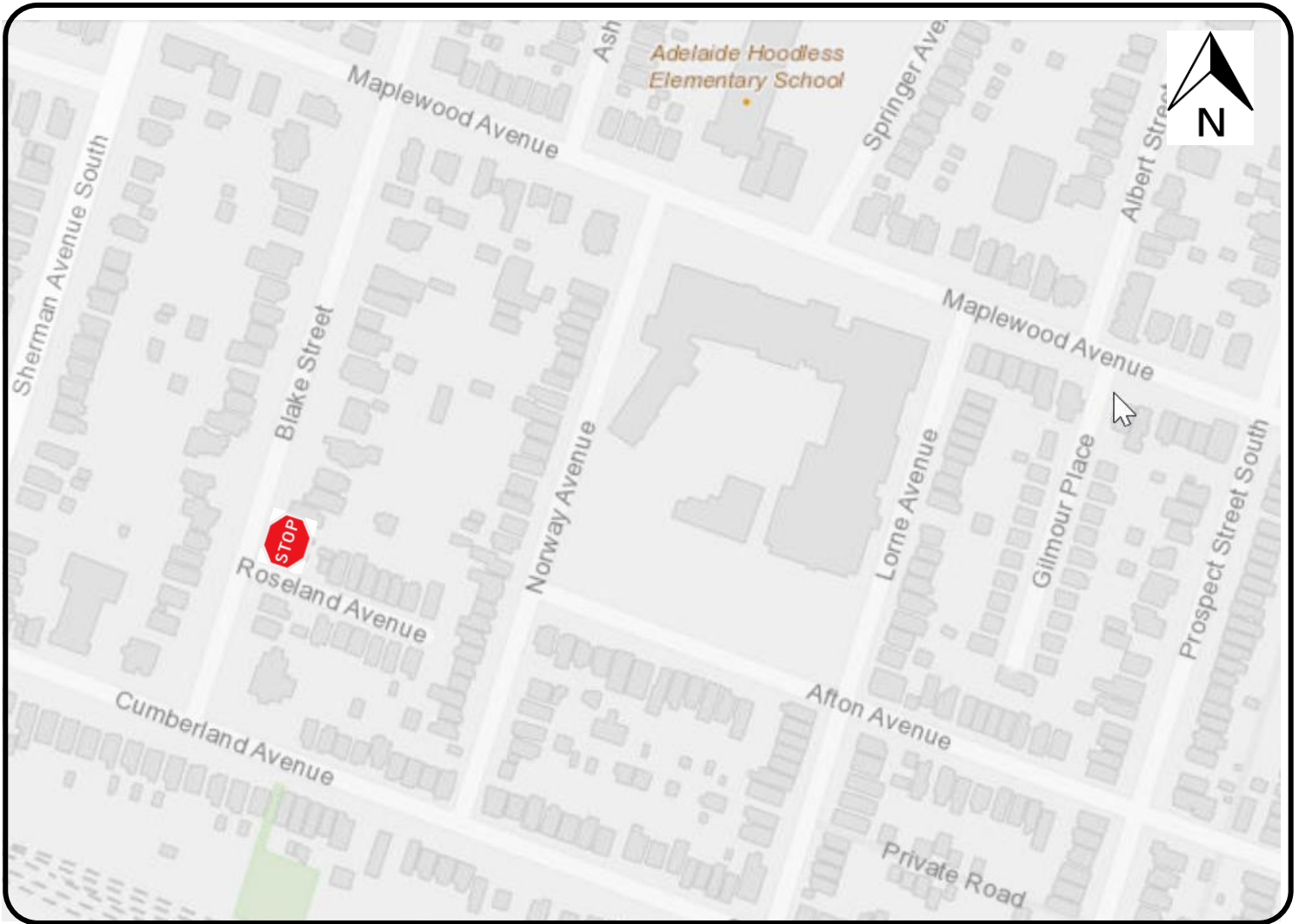
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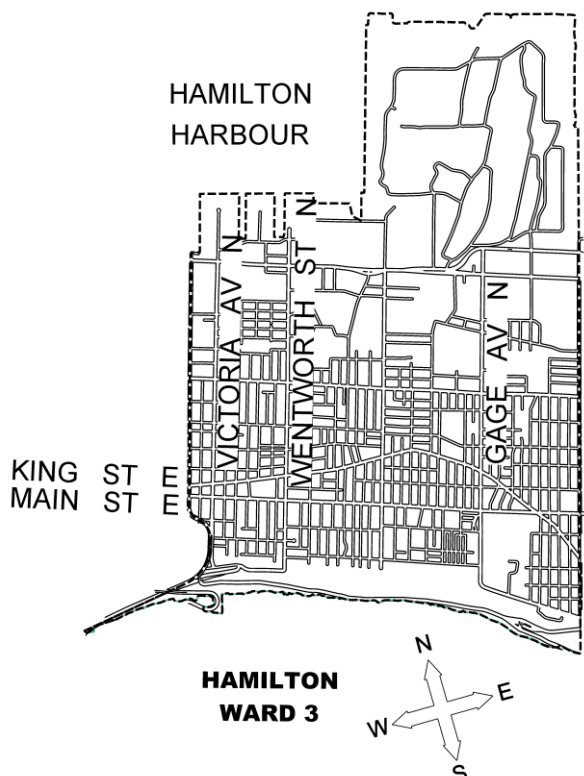
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Roseland Avenue at Blake Street

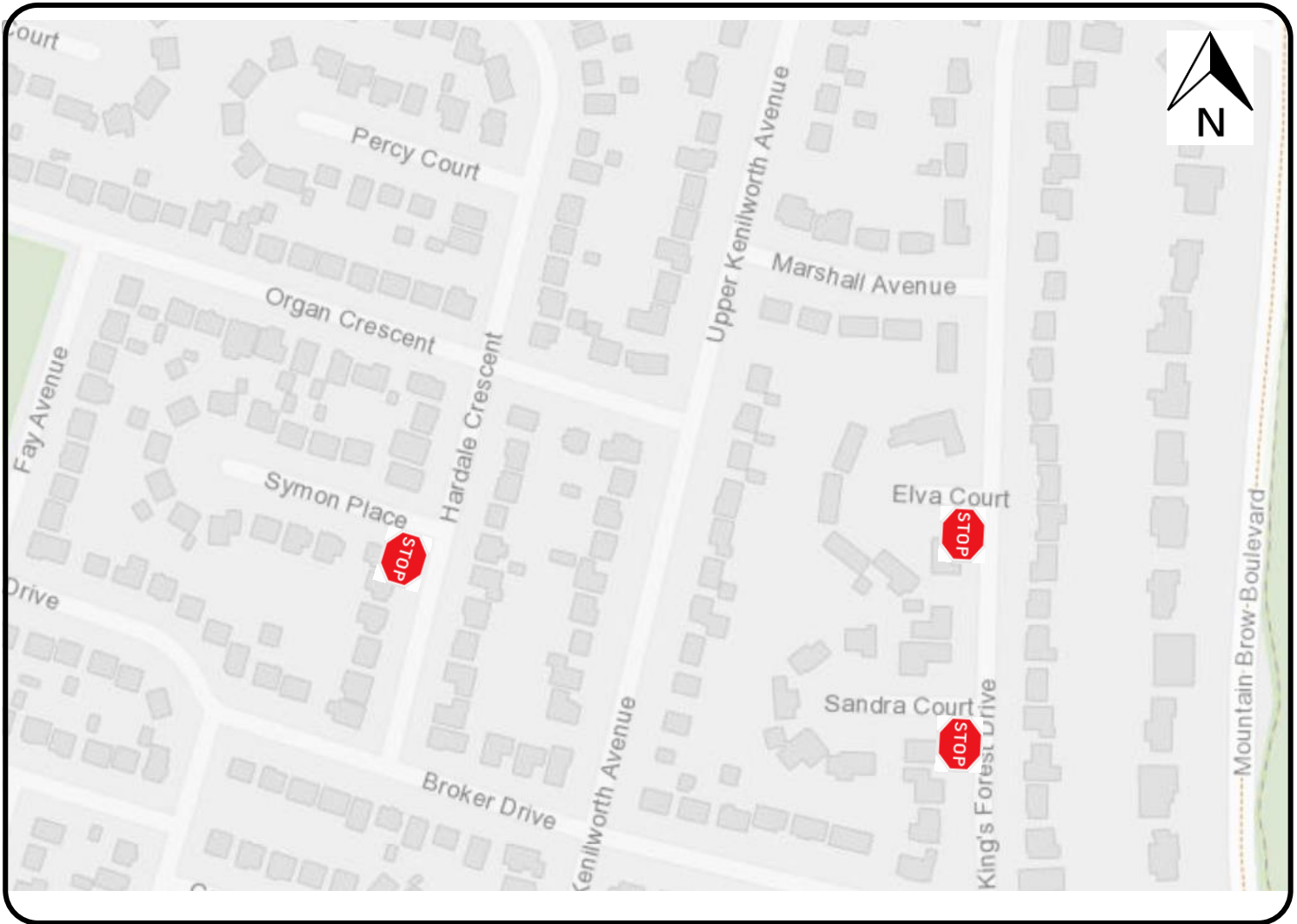
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

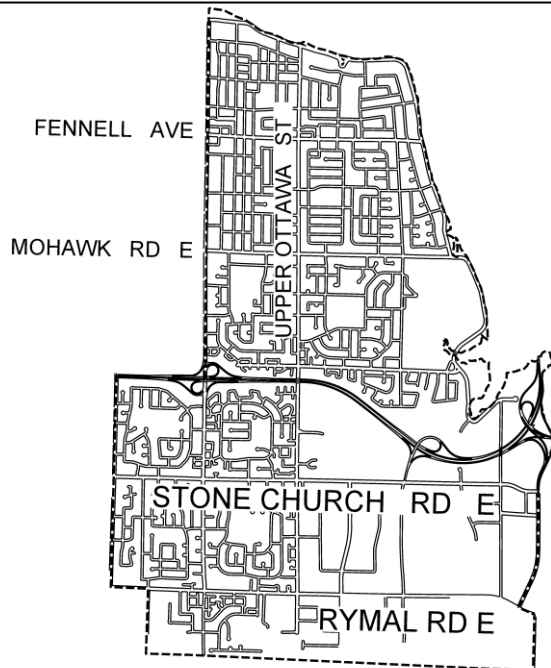
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 6



LOCATION PLAN

PROPOSED STOP CONTROL:

**Symon Place at Hardale Crescent,
Elva Court at King's Forest Drive,
Sandra Court at King's Forest Drive**

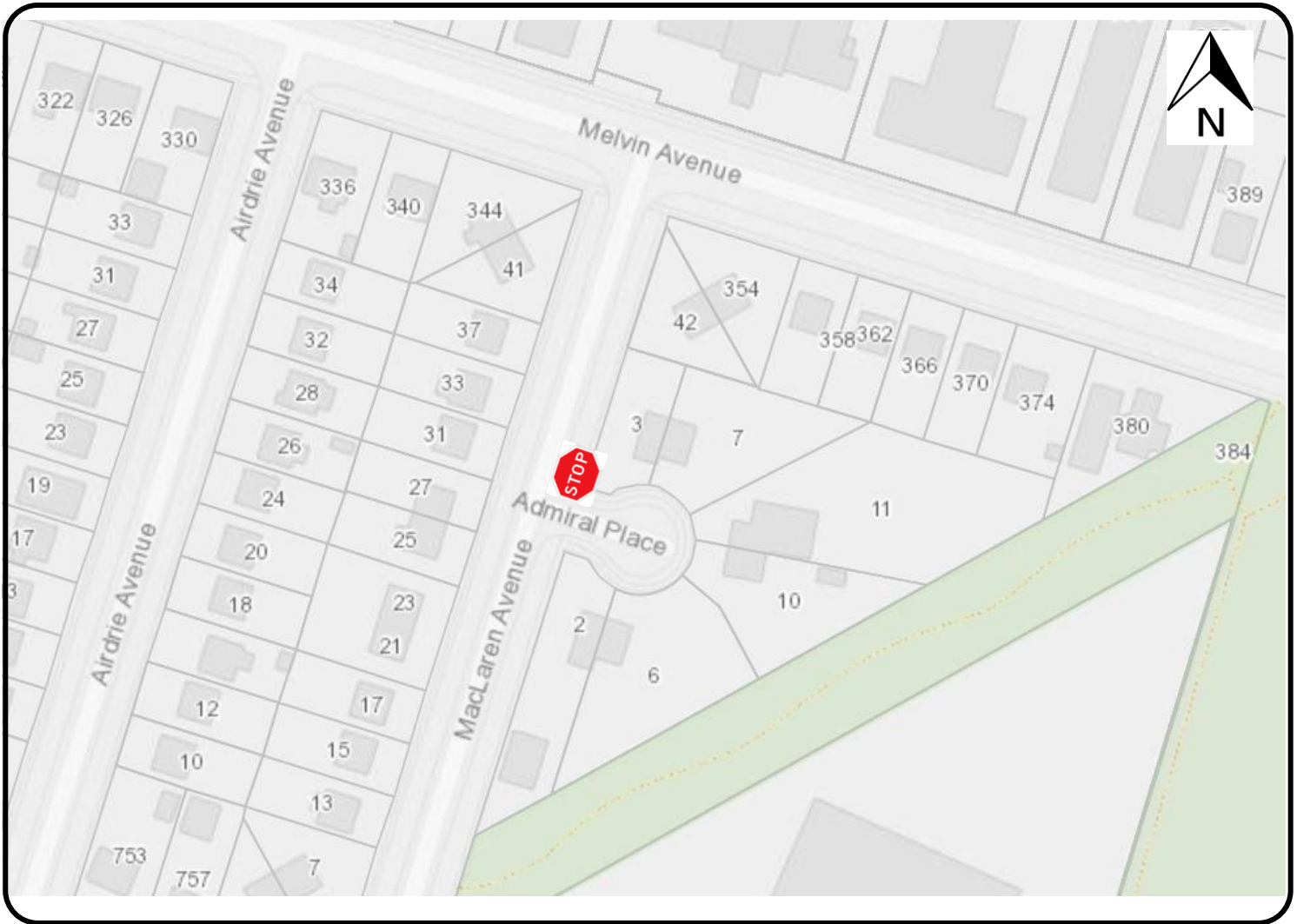
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

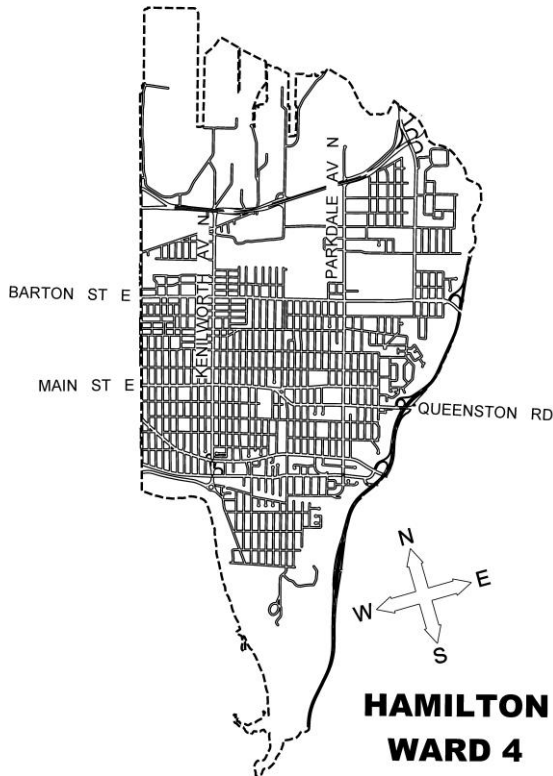
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Admiral Place at MacLaren Avenue

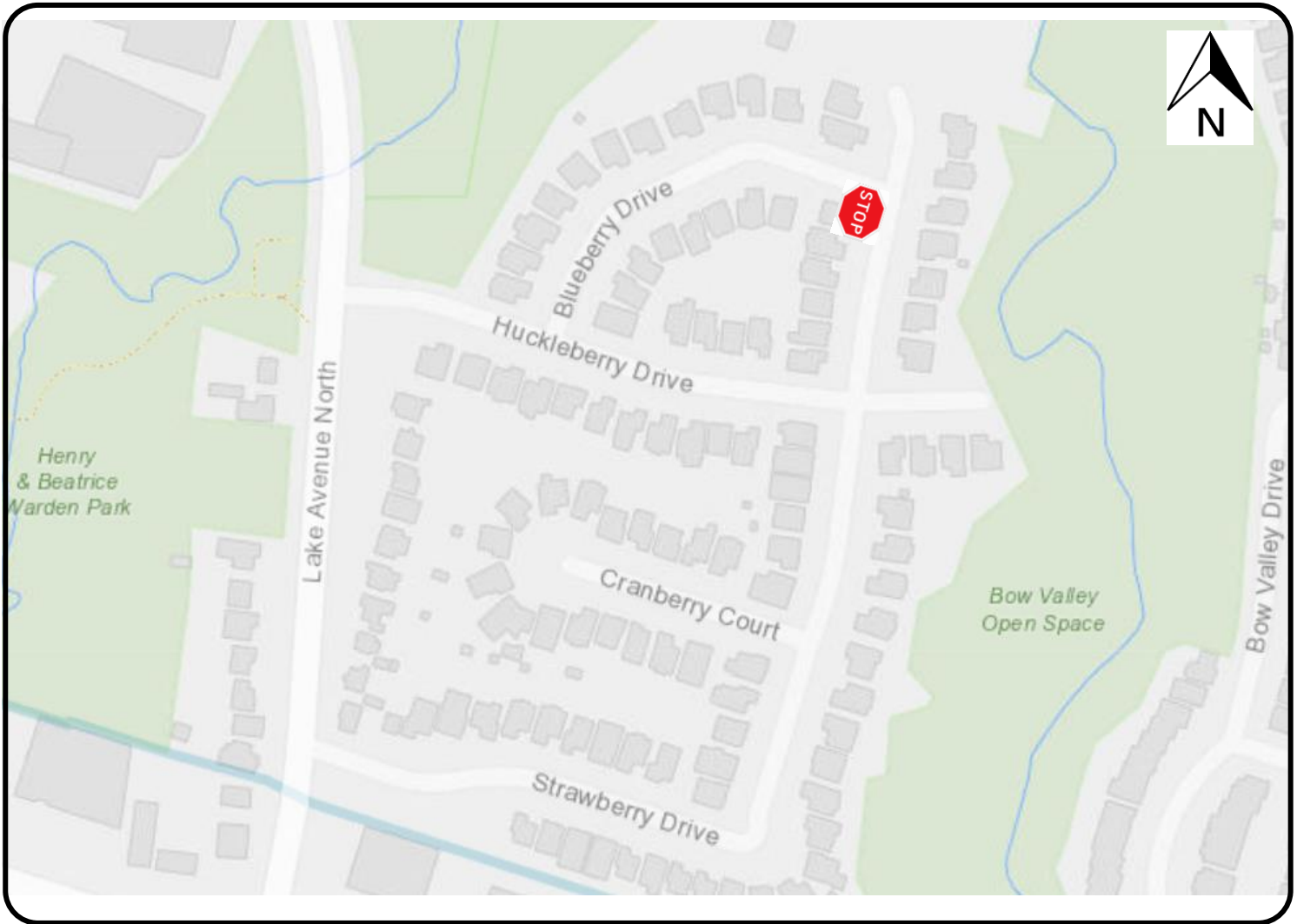
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

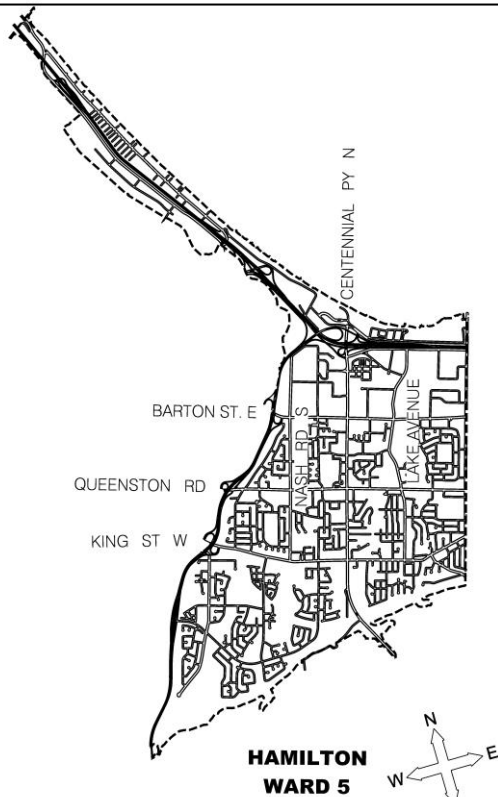
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Blueberry Drive at Strawberry Drive

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

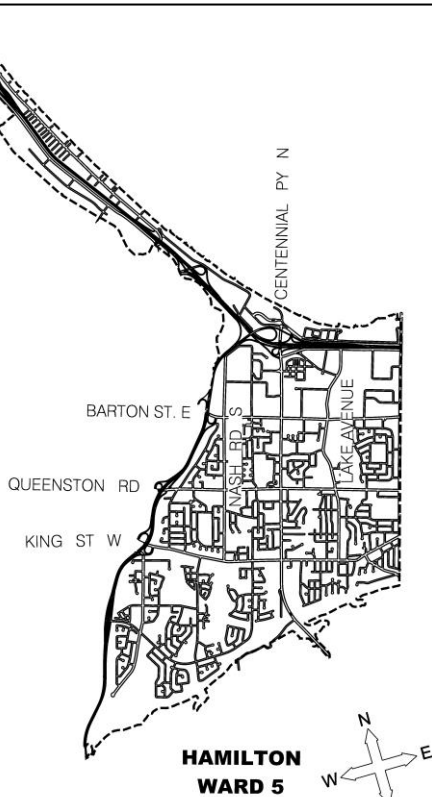
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
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KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Duchess Court at Oakland Drive, Kings Court at Oakland Drive, Queens Court at Oakland Drive, Lord Court at Kenora Avenue, Lady Court at Kenora Avenue

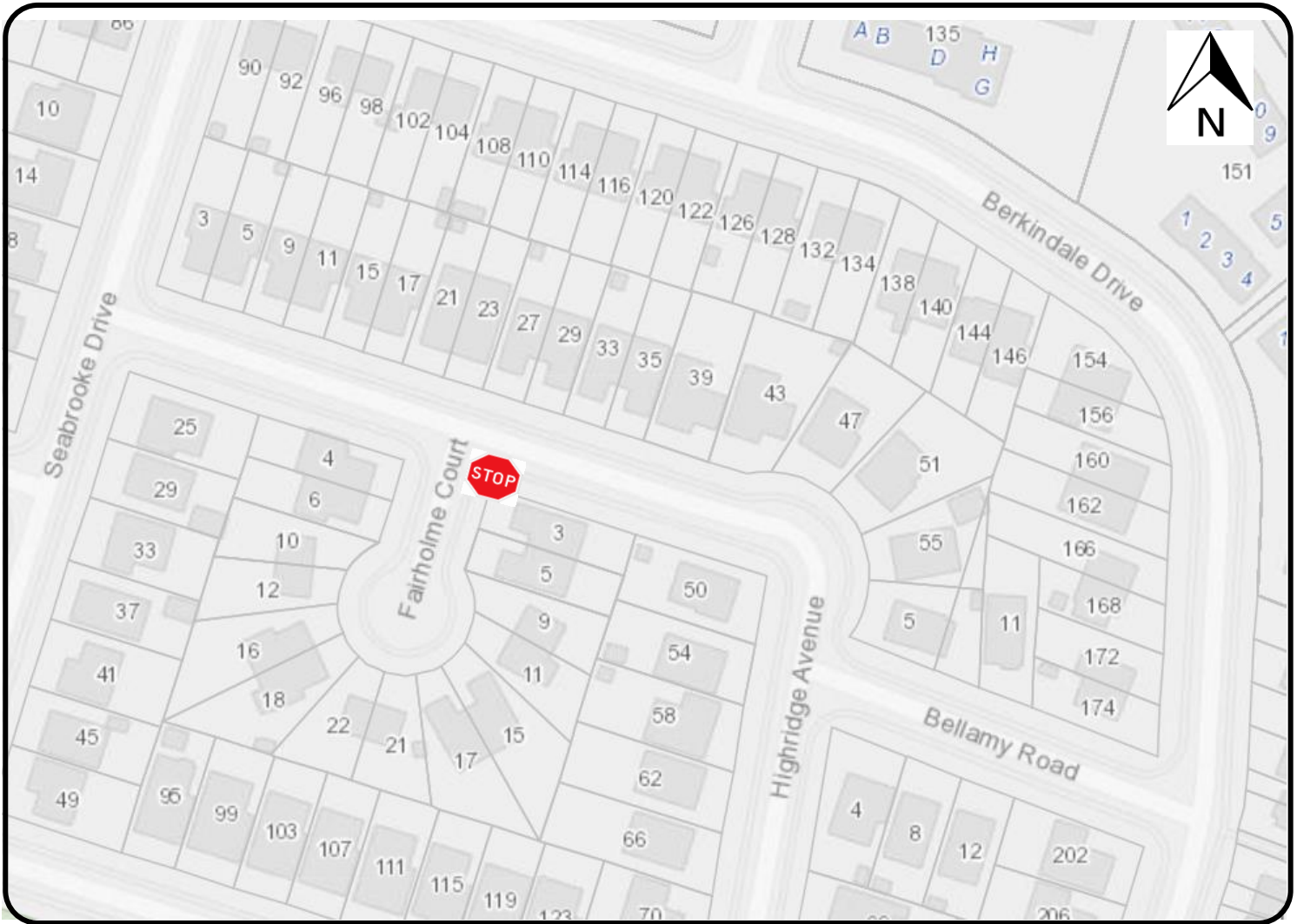
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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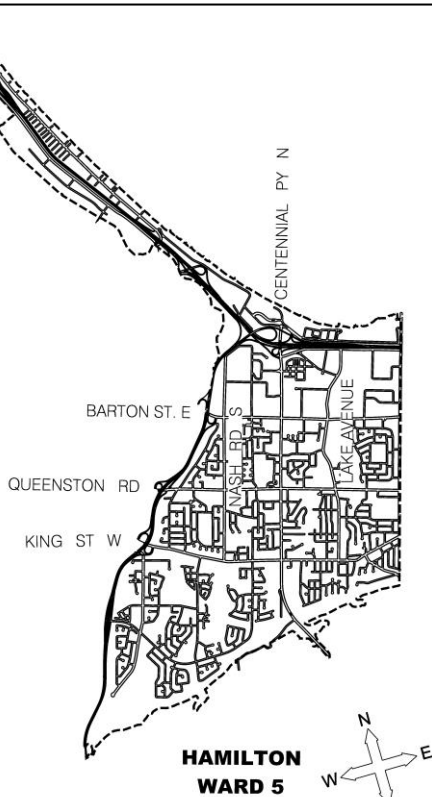
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Fairholme Court at Highridge Avenue

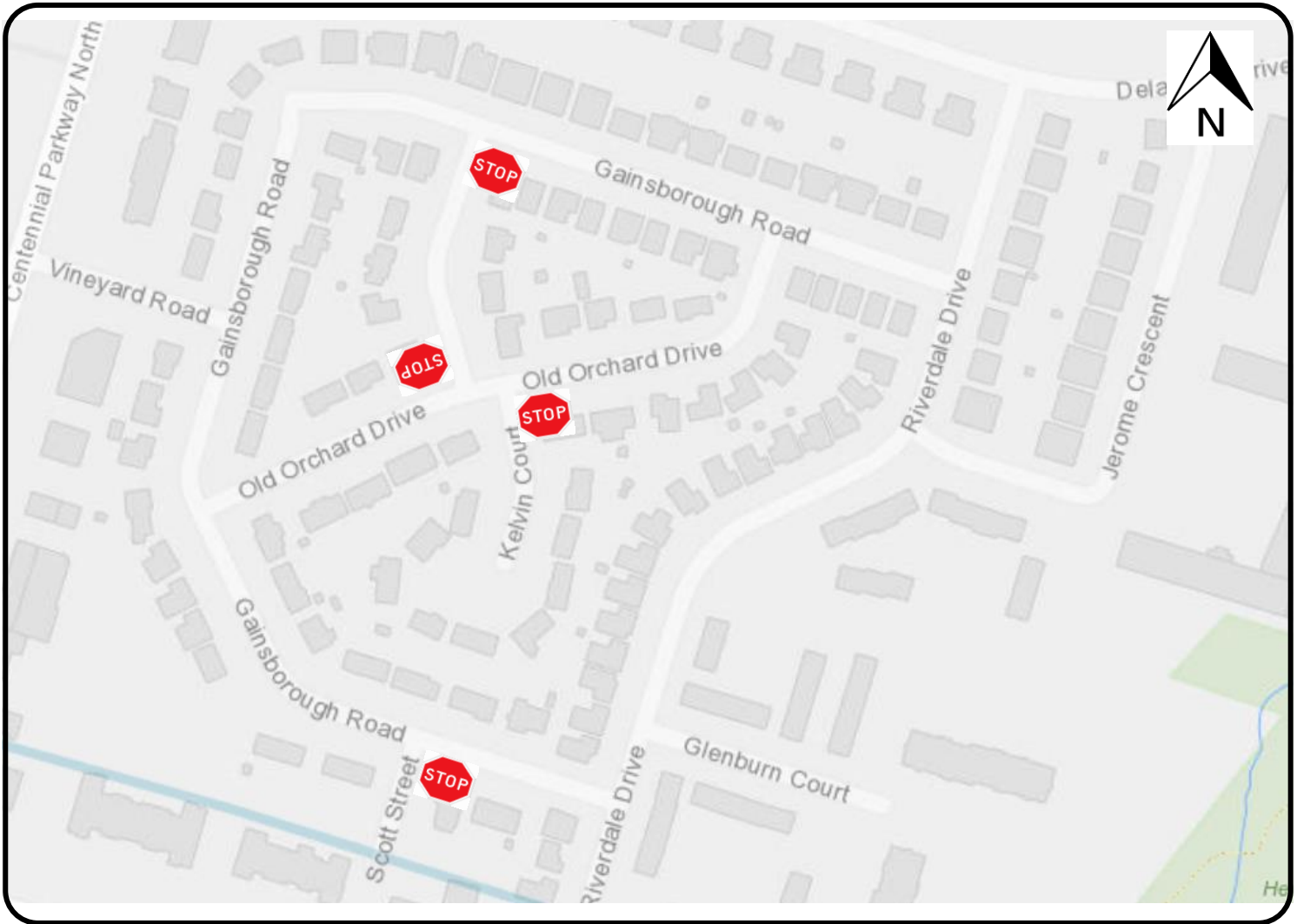
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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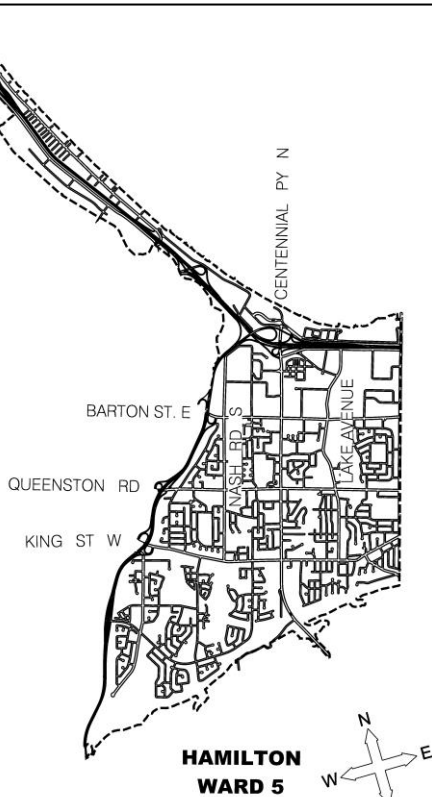
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Keats Road at Gainsborough Road, Keats Road at Old Orchard Drive, Kelvin Court at Old Orchard Drive, Scott Street at Gainsborough Road

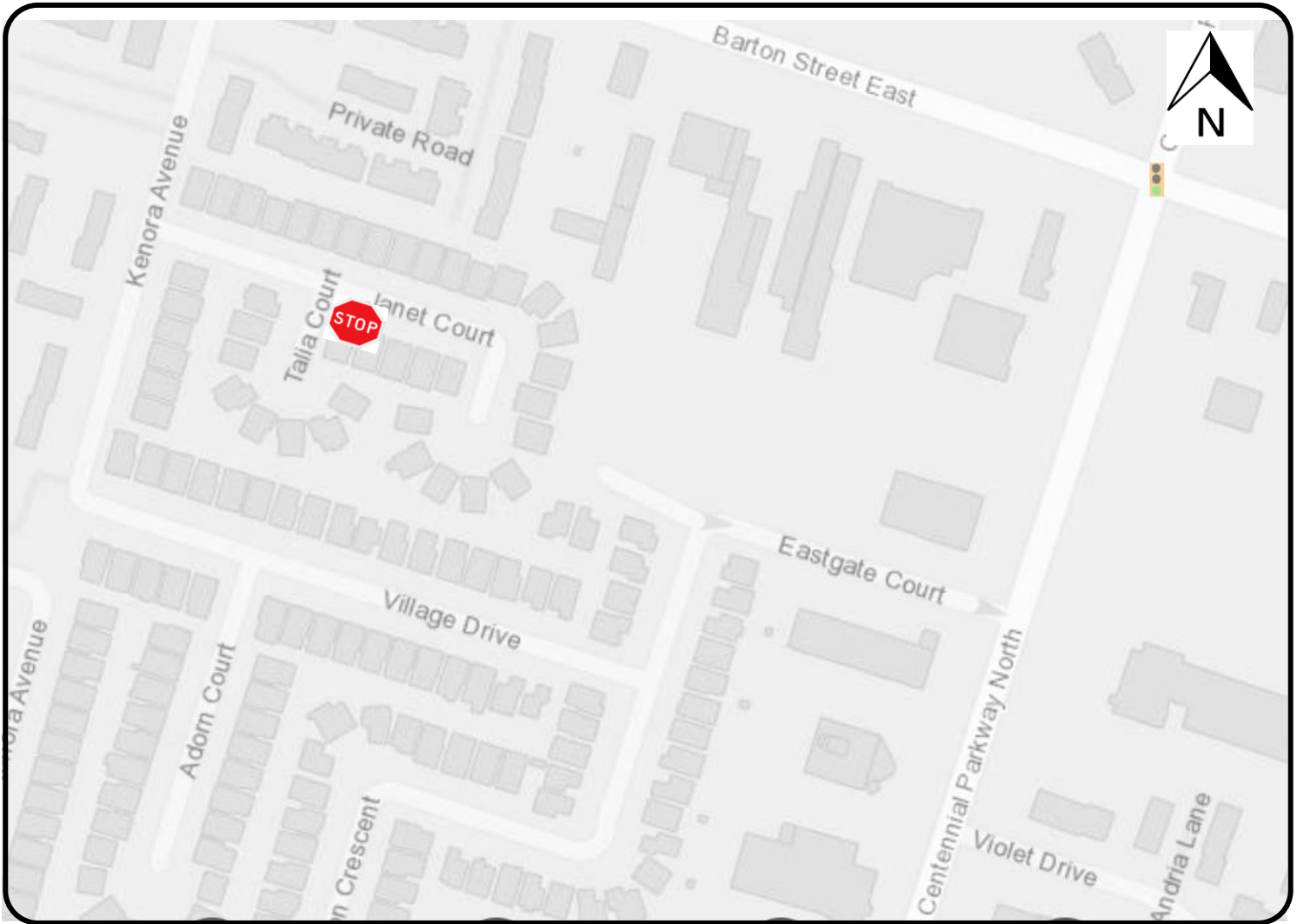
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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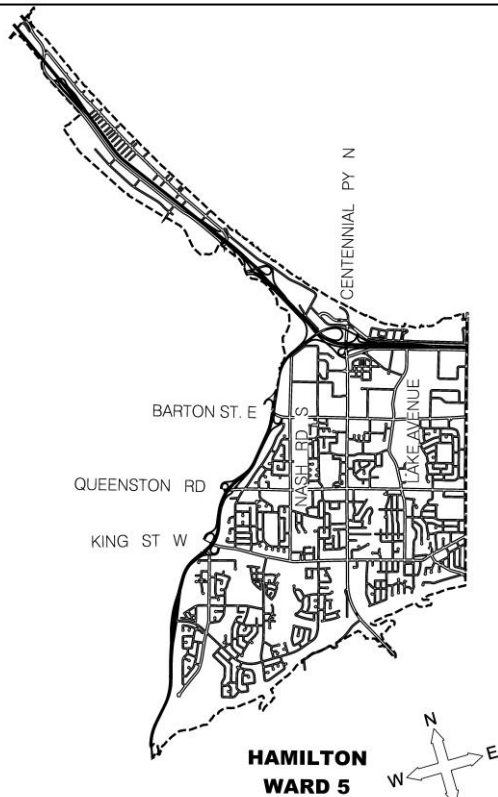
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Talia Court at Janet Court

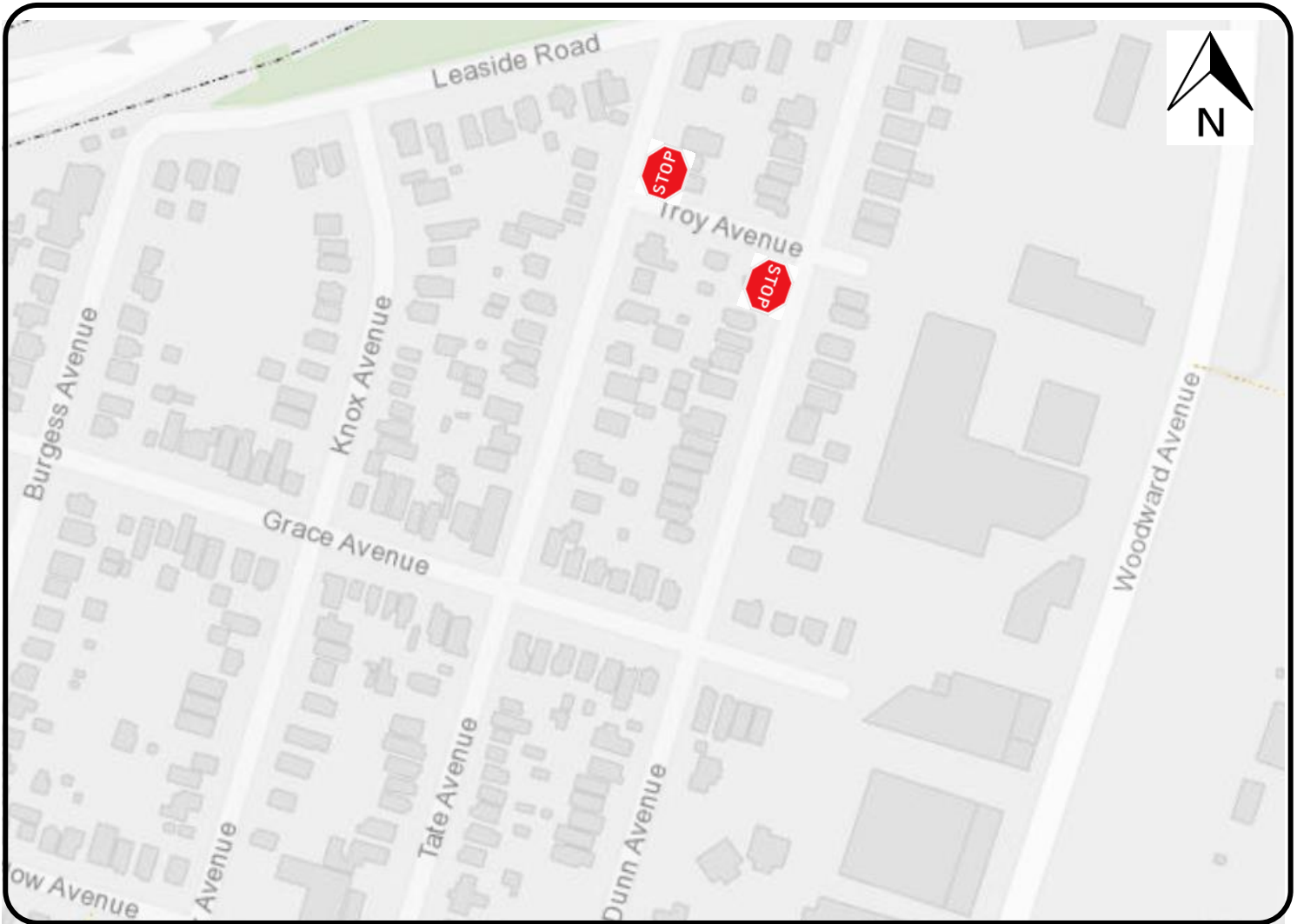
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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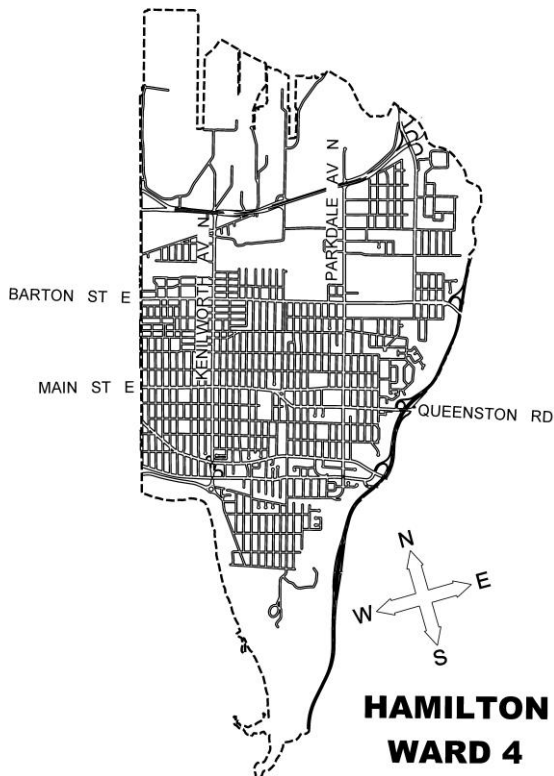
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 4**

LOCATION PLAN

PROPOSED STOP CONTROL:

**Troy Avenue at Tate Avenue,
Troy Avenue at Dunn Avenue**

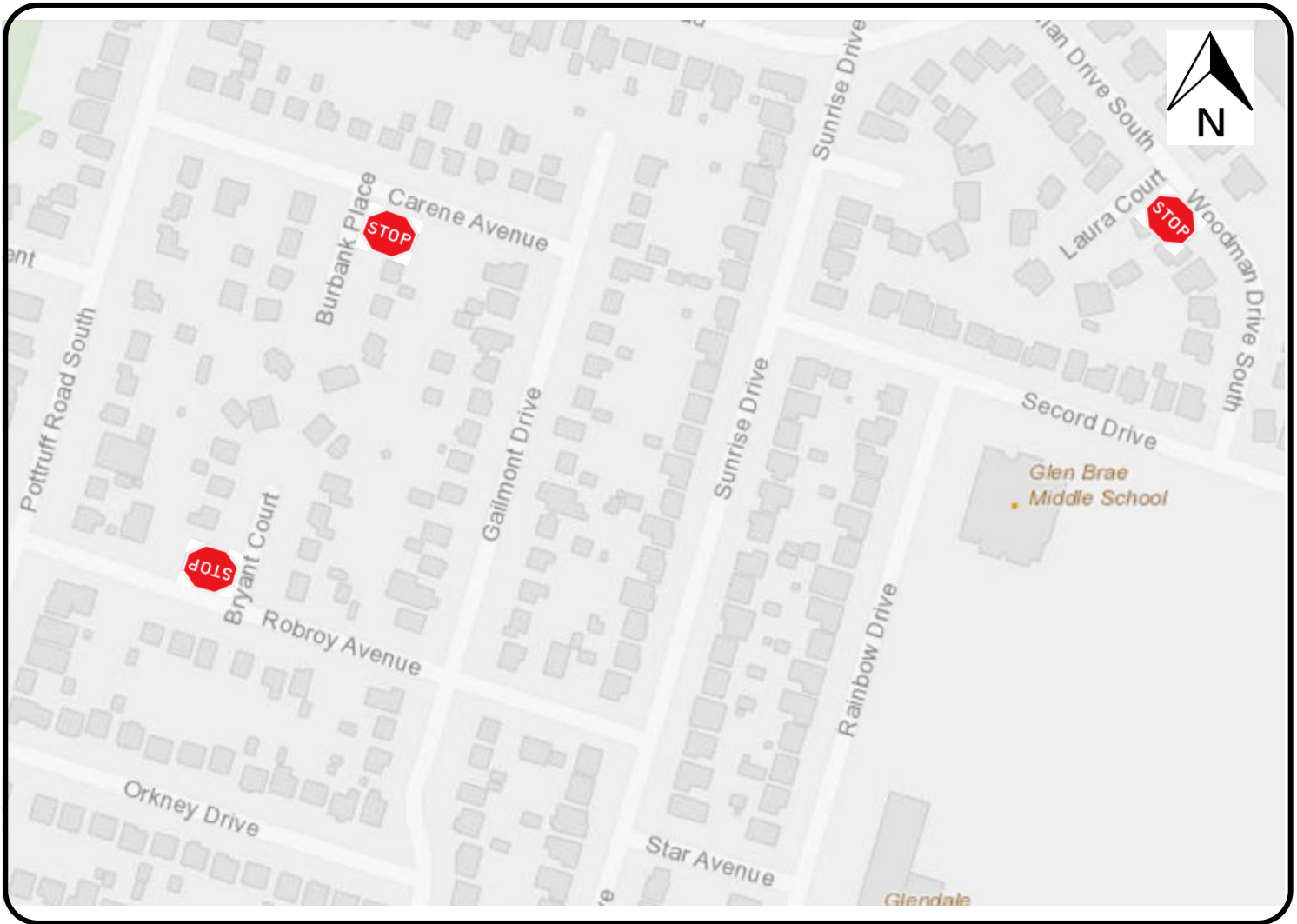
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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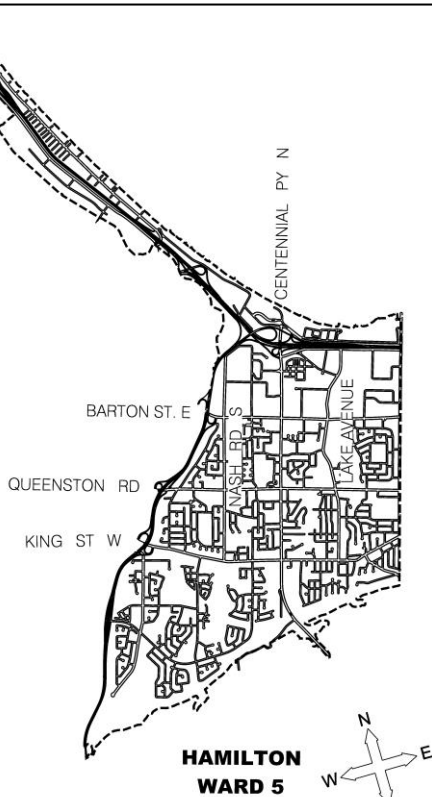
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Burbank Place at Carene Avenue,
Bryant Court at Robroy Avenue,
Laura Court at Woodman Drive South**

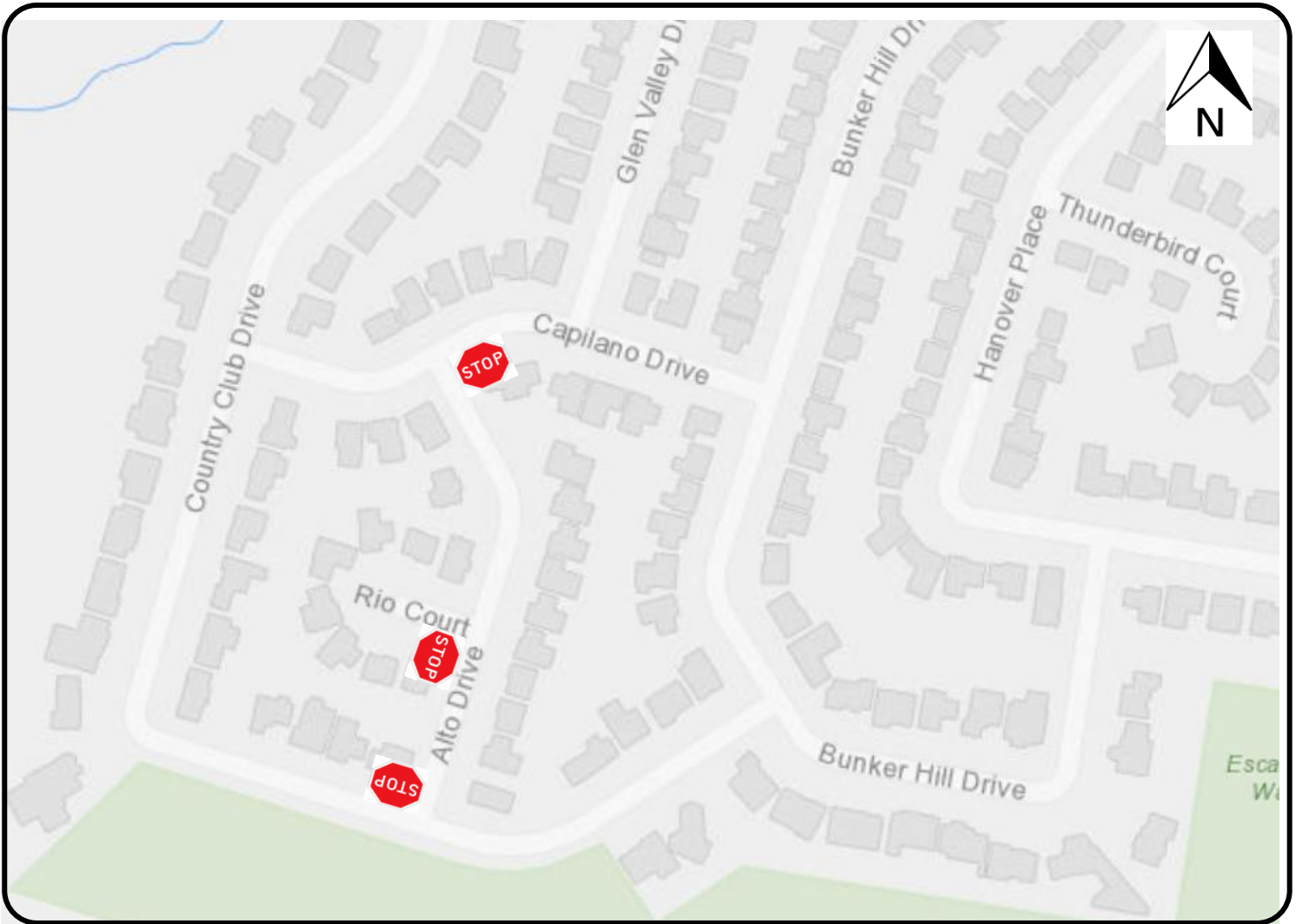
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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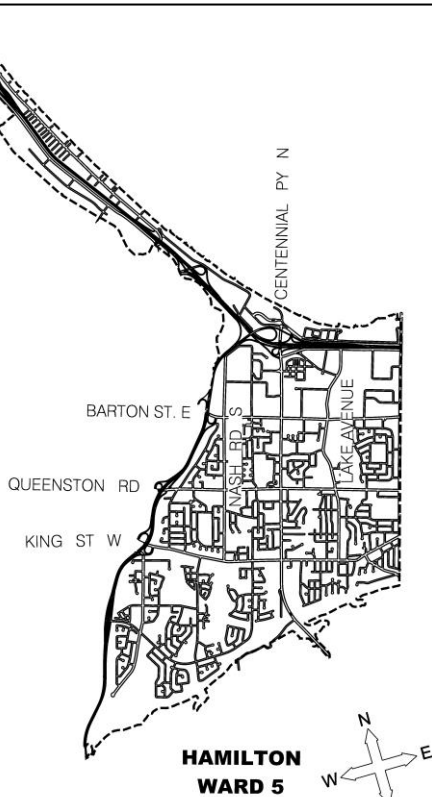
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Capilano Drive at Country Club Drive,
Alto Drive at Country Club Drive,
Rio Court at Alto Drive**

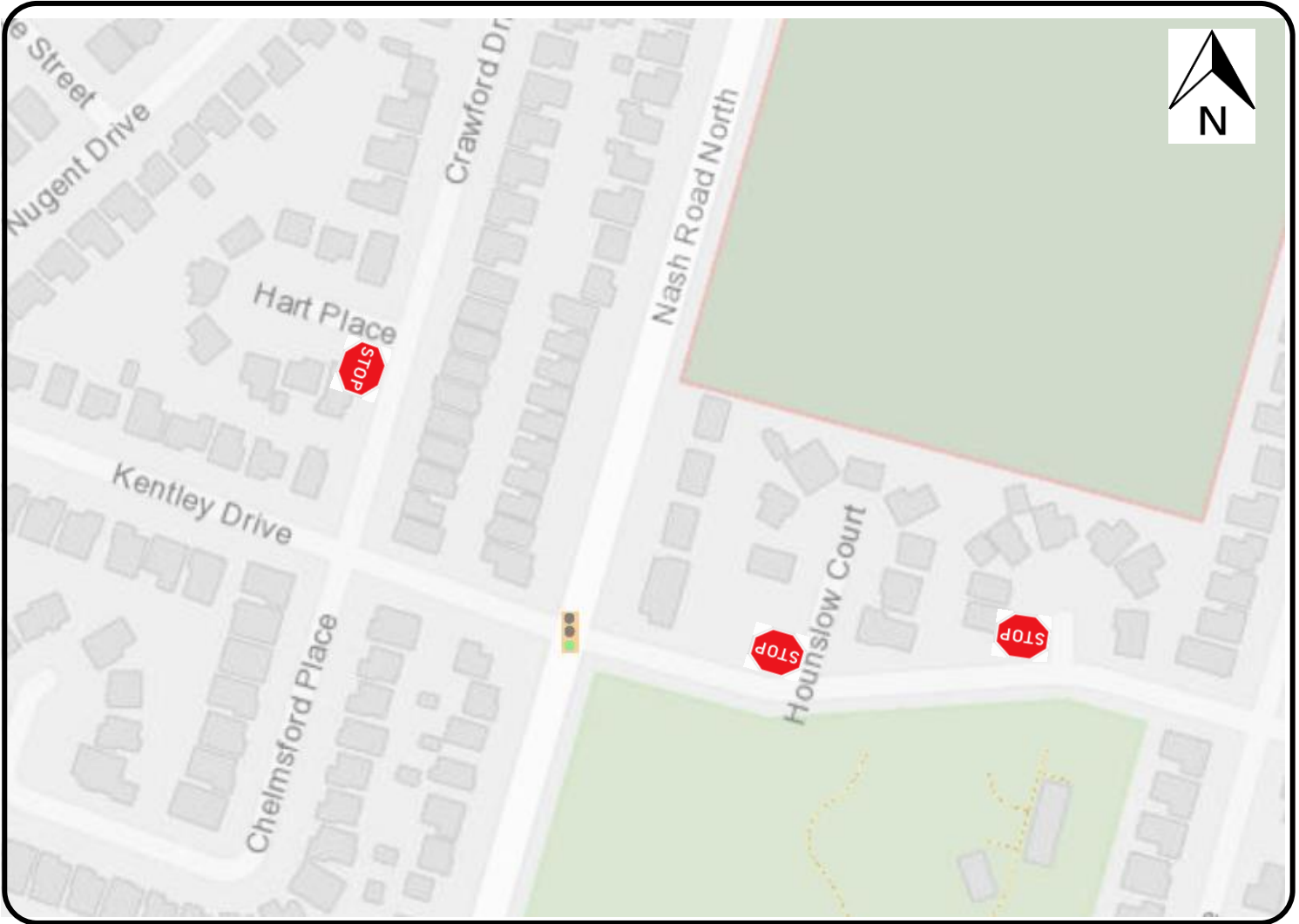
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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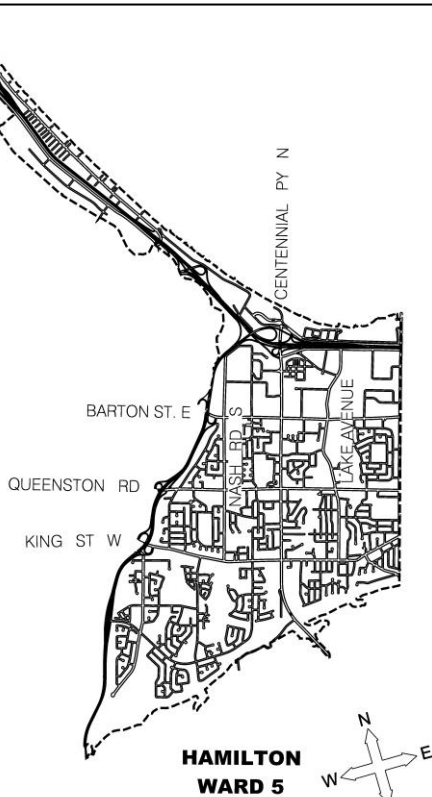
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Hart Place at Crawford Drive,
Hounslow Court at Kentley Drive,
Ilford Court at Kentley Drive**

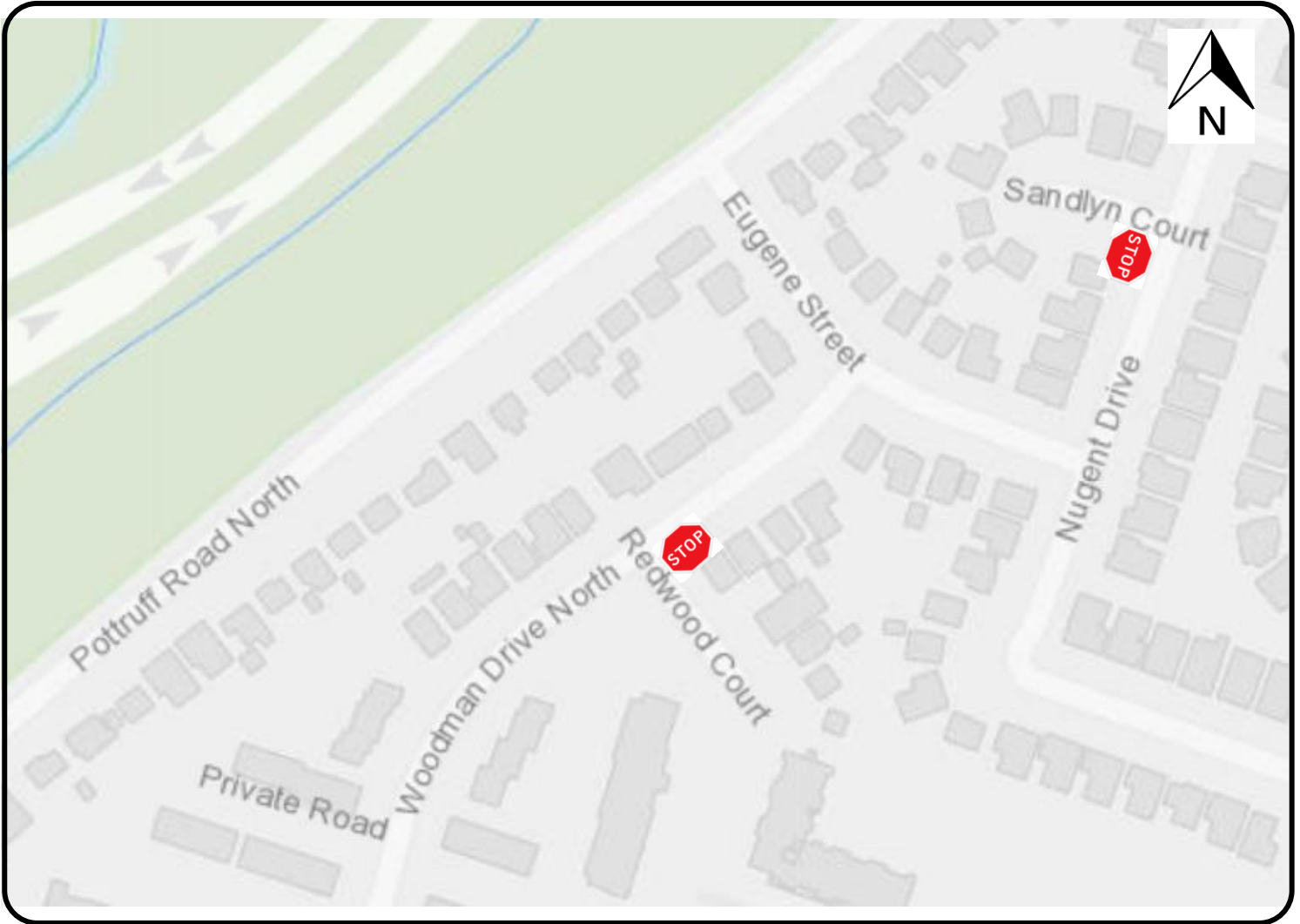
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

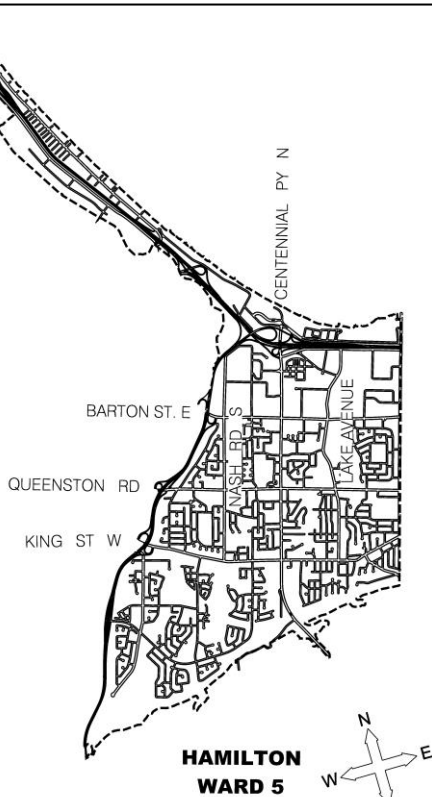
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Redwood Court at Woodman Drive North,
Sandlyn Court at Nugent Drive**

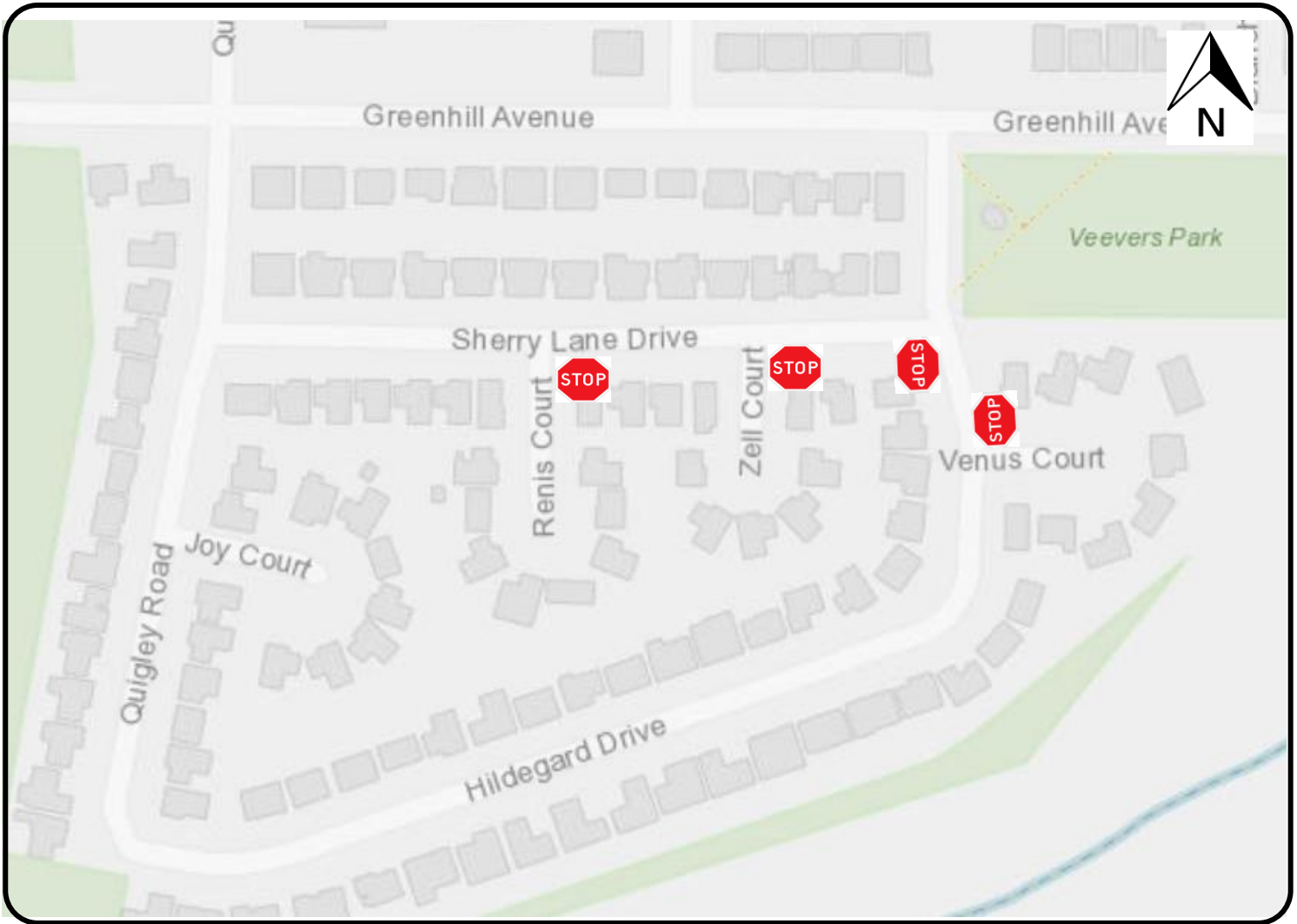
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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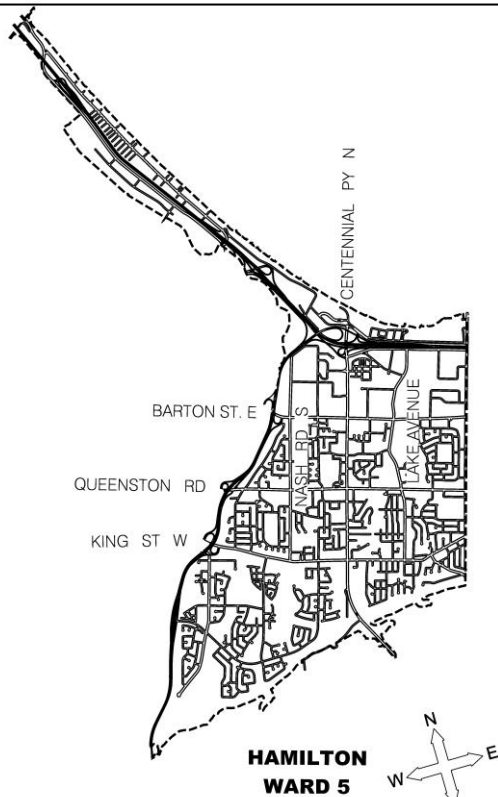
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Renis Court at Sherry Lane Drive, Zell Court at Sherry Lane Drive, Venus Court at Hildegard Drive, Sherry Lane Drive at Hildegard Drive

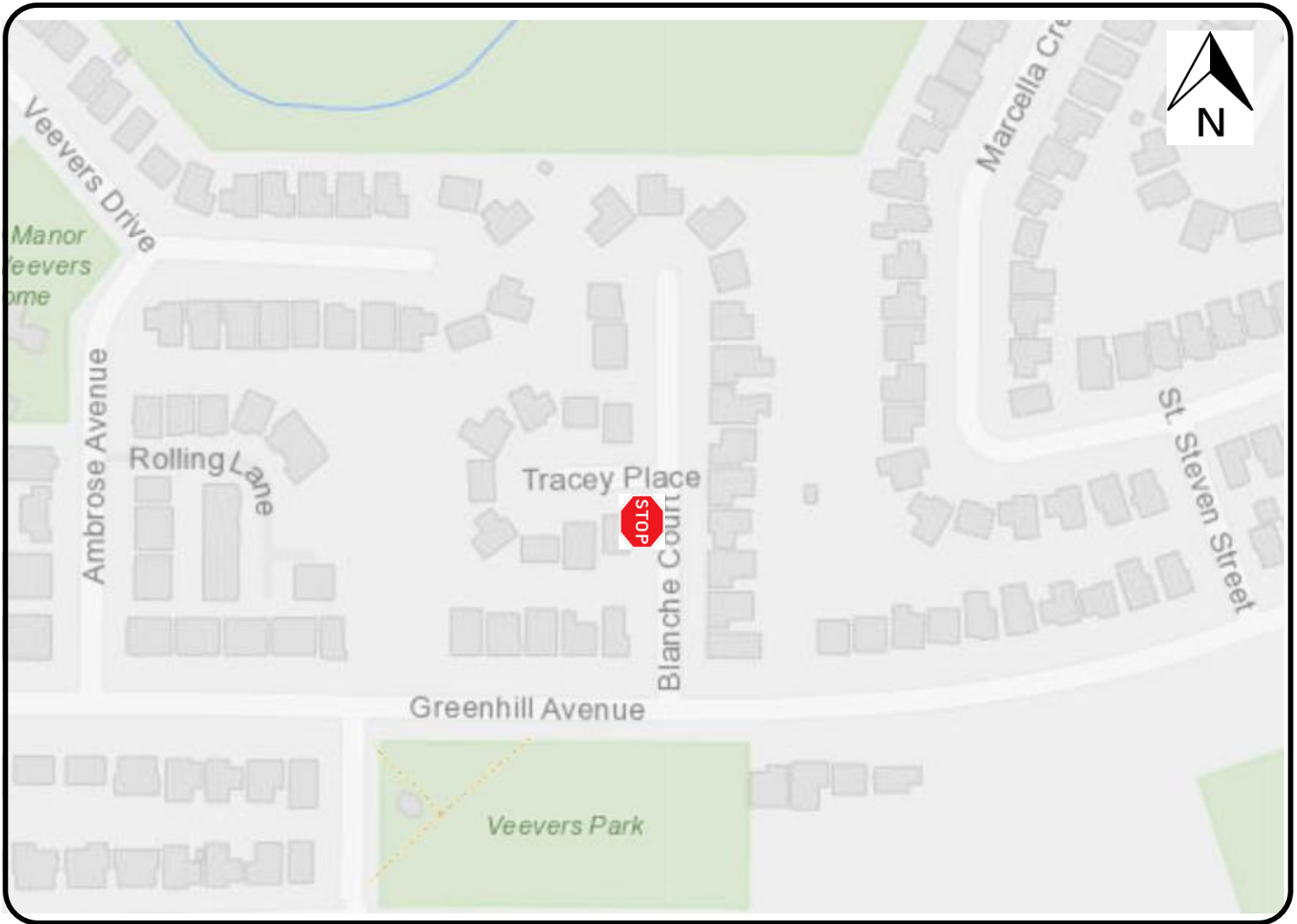
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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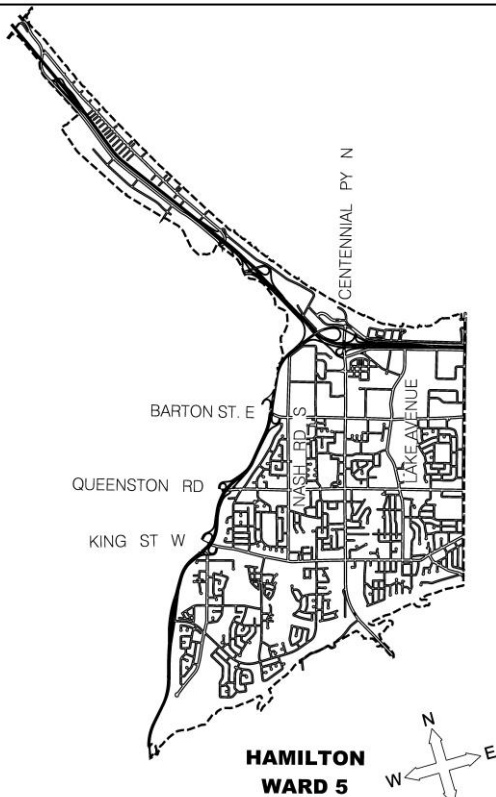
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Tracey Place at Blanche Court

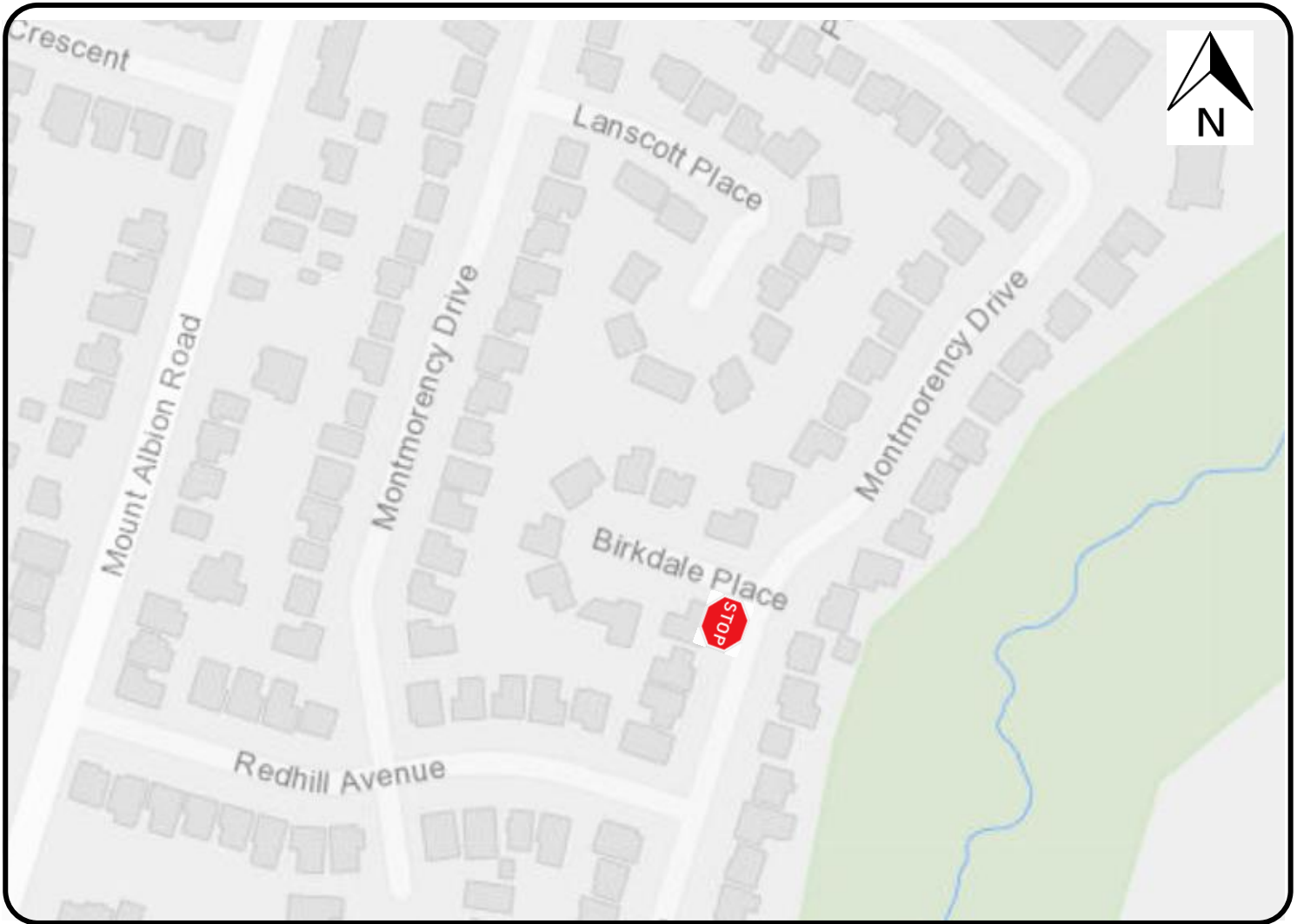
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PUBLIC WORKS DEPARTMENT

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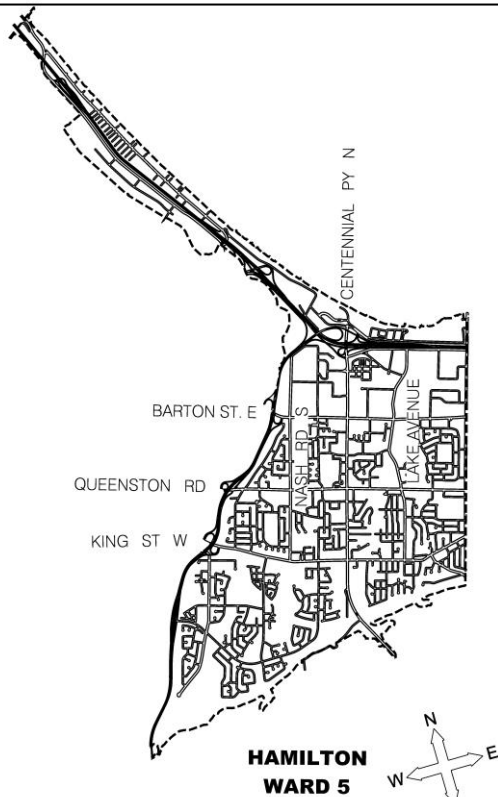
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Birkdale Place at Montmorency Drive

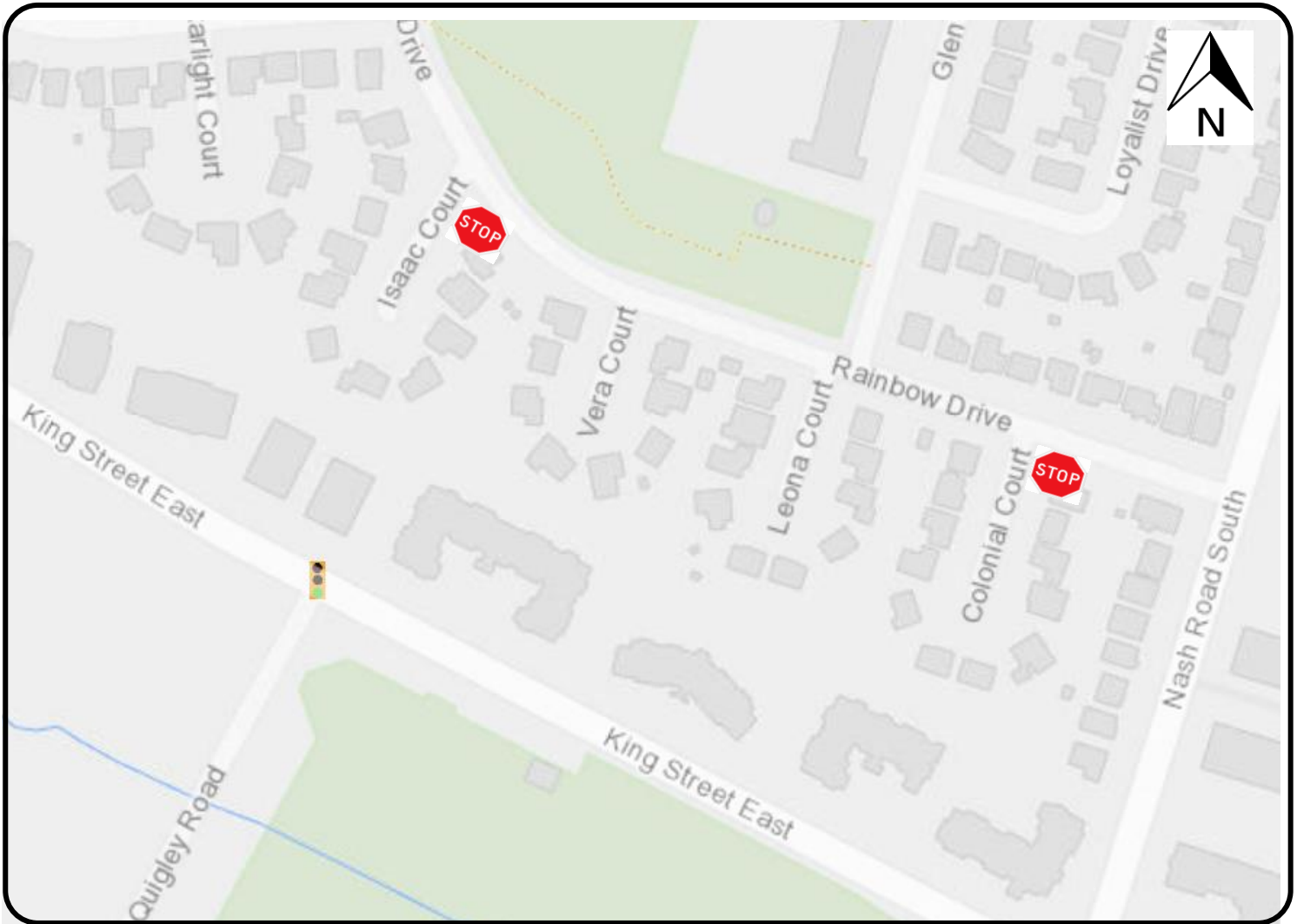
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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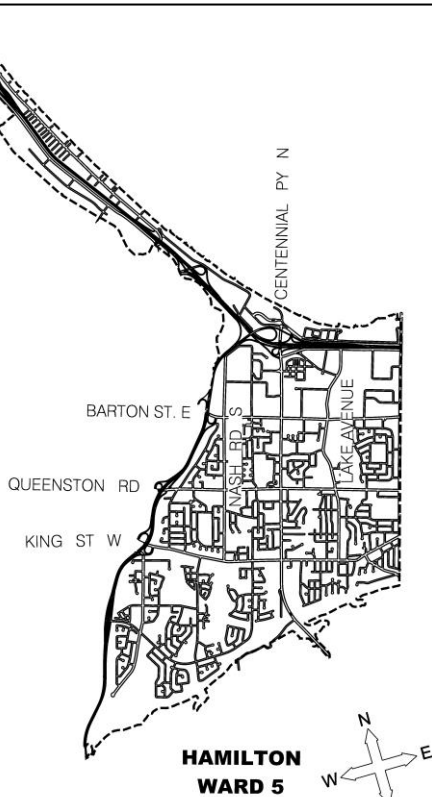
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Colonial Court at Rainbow Drive,
Isaac Court at Rainbow Drive**

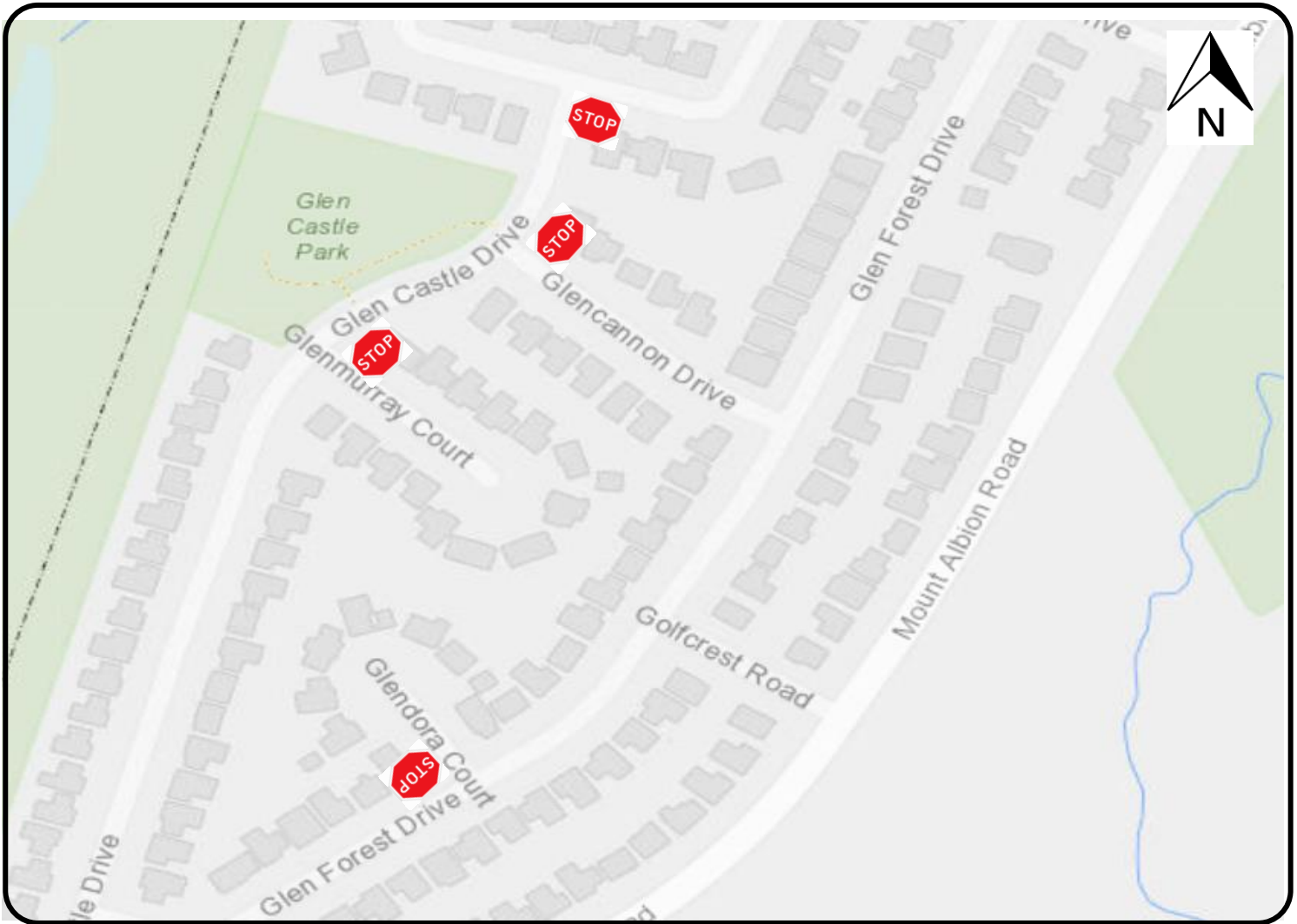
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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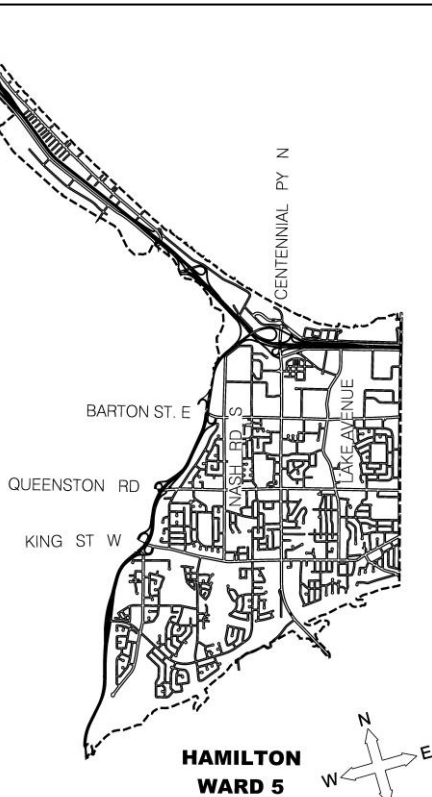
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Glen Castle Drive at Forest Hill Crescent,
Glencannon Drive at Glen Castle Drive, Glenmurray
Court at Glen Castle Drive, Glendora Court at Glen
Forest Drive**

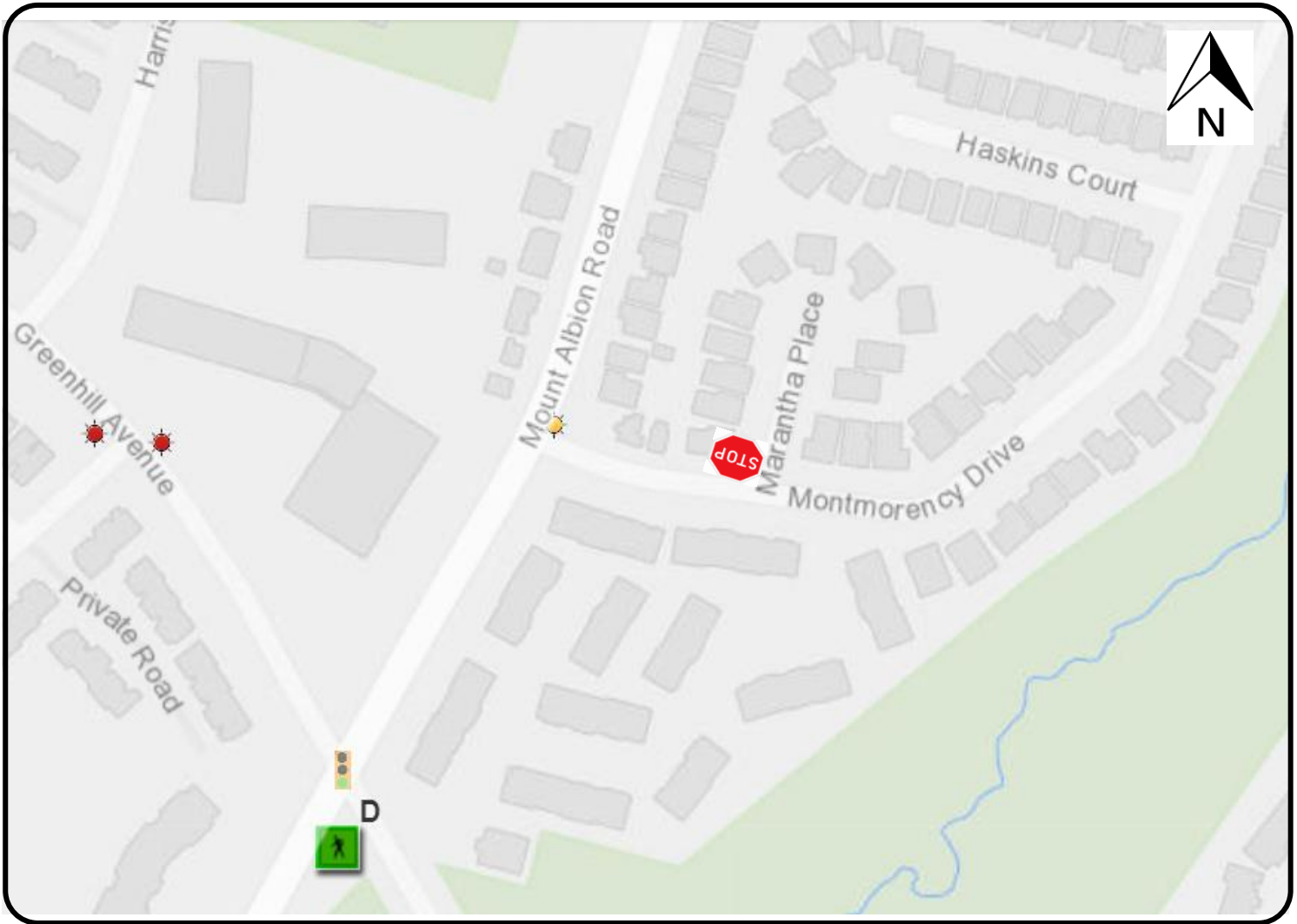
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PUBLIC WORKS DEPARTMENT

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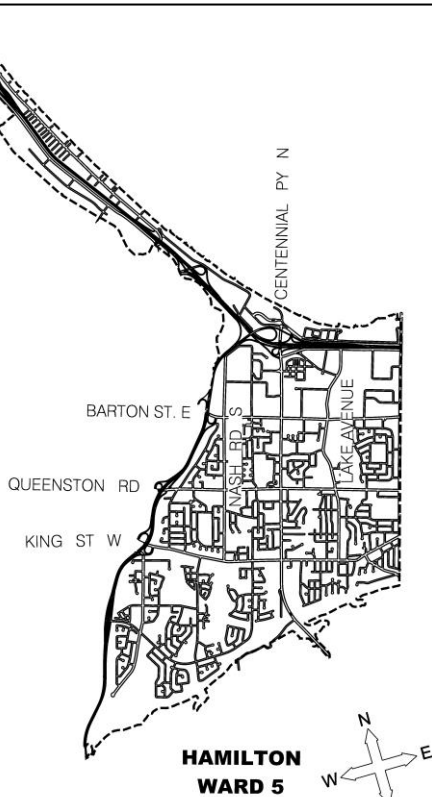
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Marantha Place at Montmorency Drive

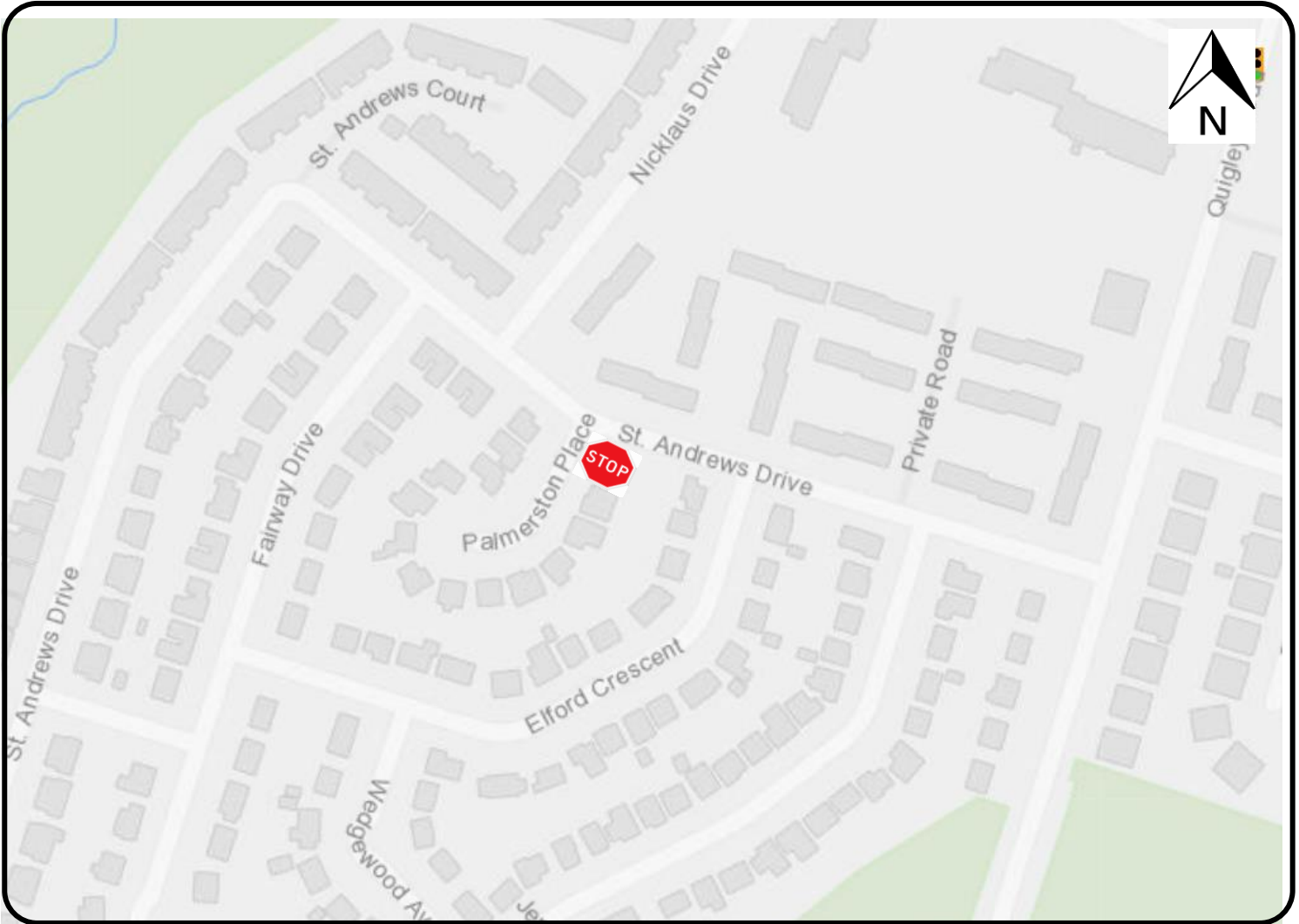
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PUBLIC WORKS DEPARTMENT

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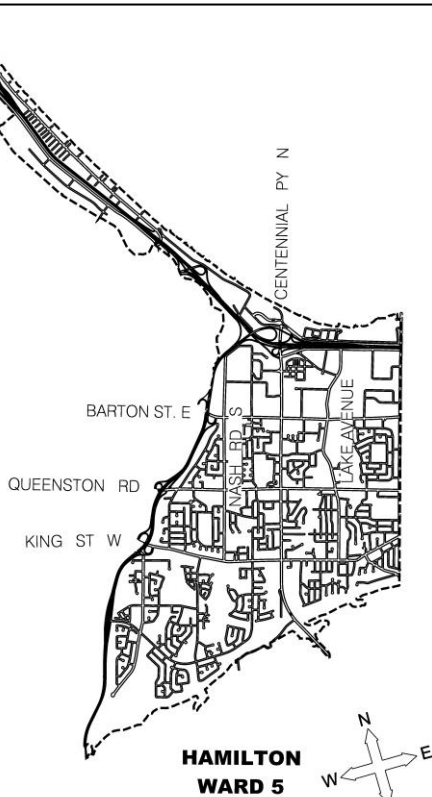
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Palmerston Place at St. Andrews Drive

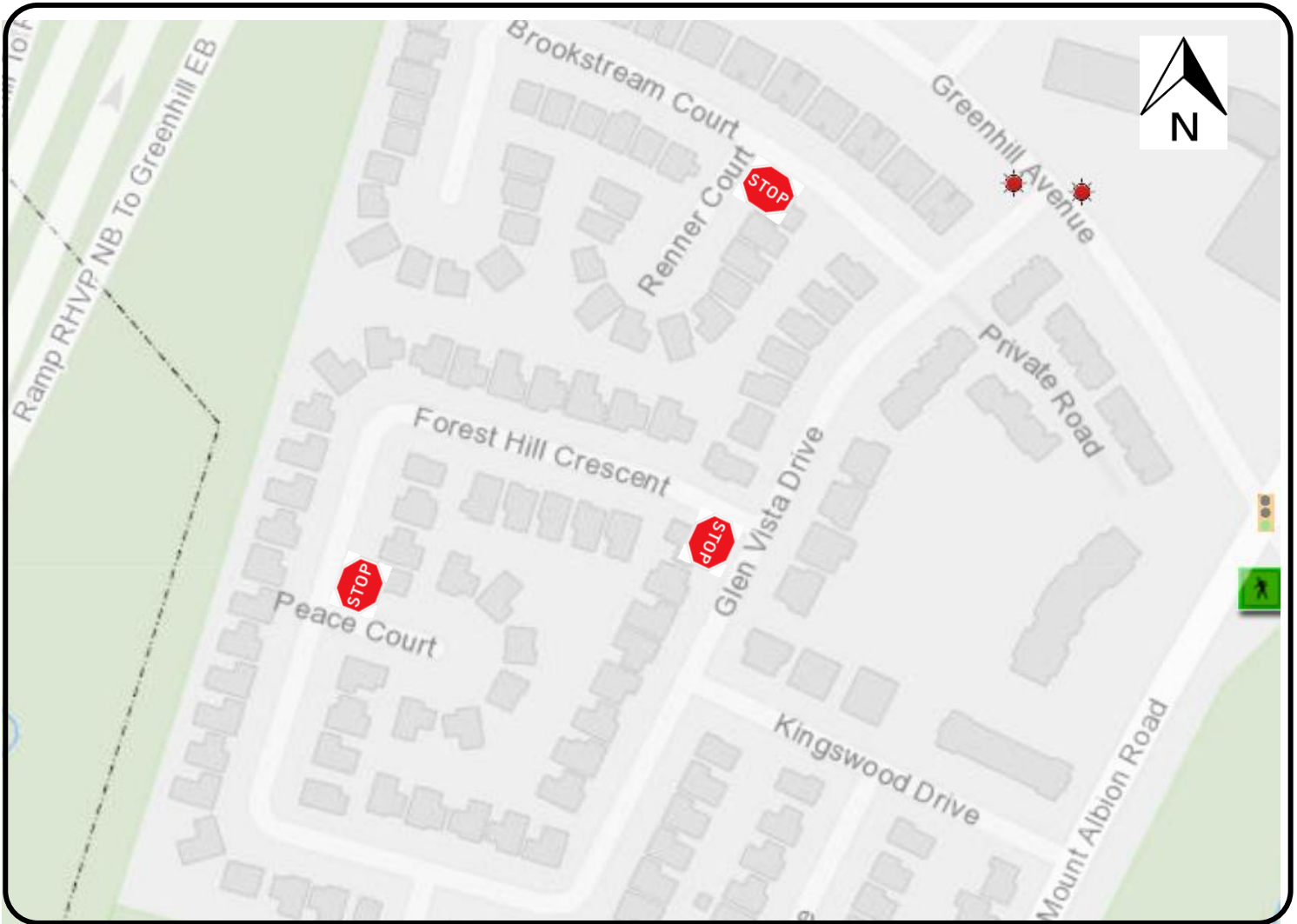
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PUBLIC WORKS DEPARTMENT

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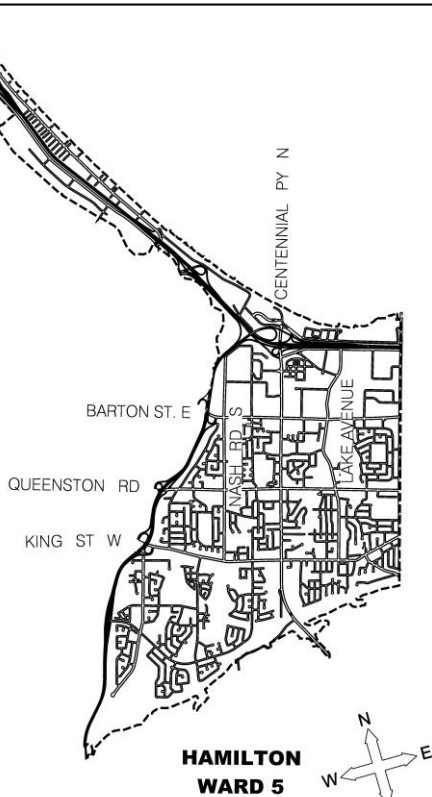
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Renner Court at Brookstream Court,
Forest Hill Crescent at Glen Vista Drive,
Peace Court at Forest Hill Crescent**

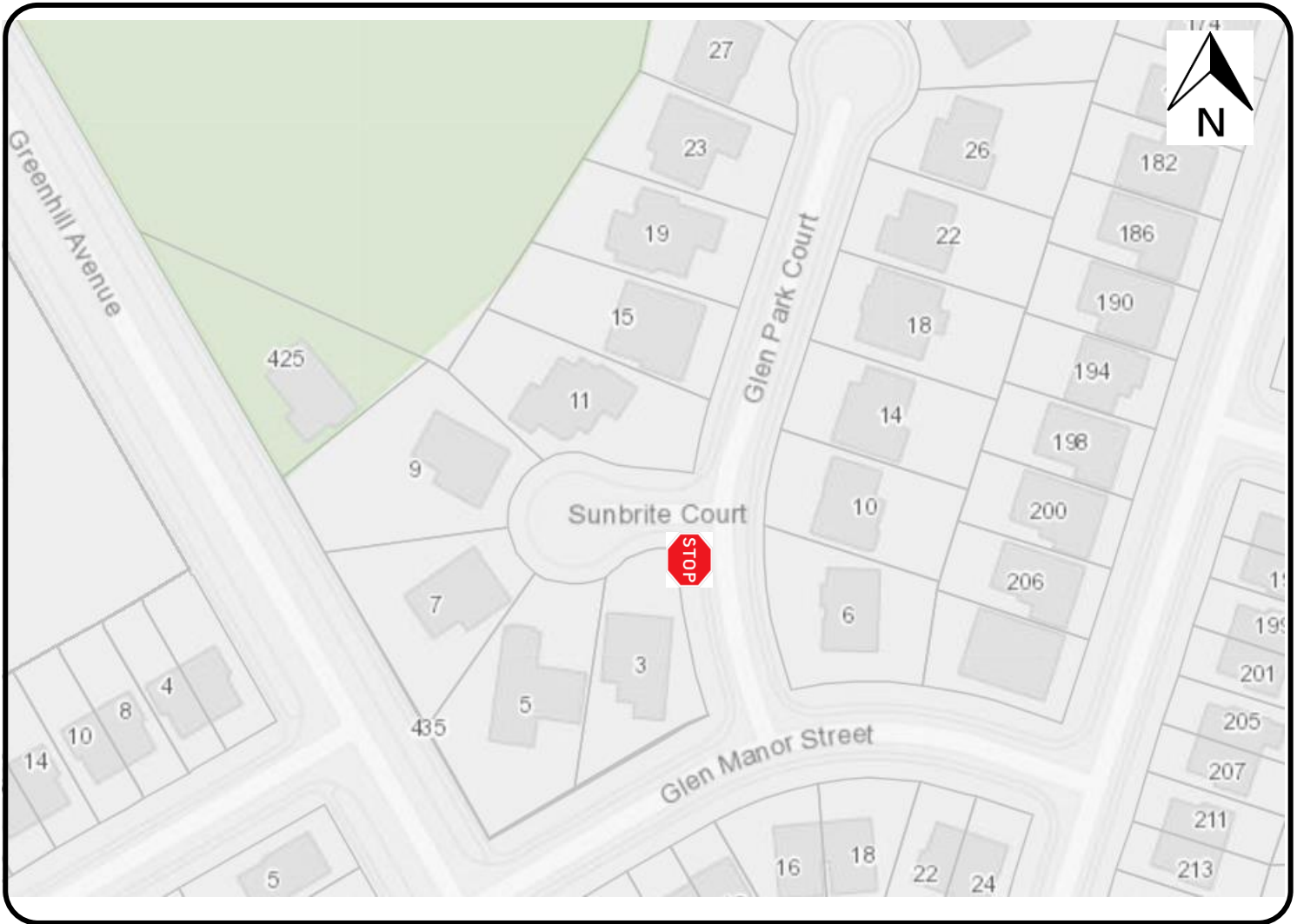
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PUBLIC WORKS DEPARTMENT

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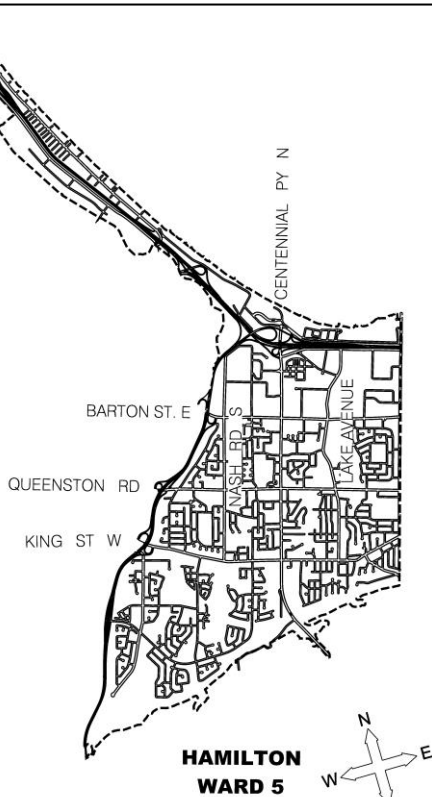
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Sunbrite Court at Glen Park Court

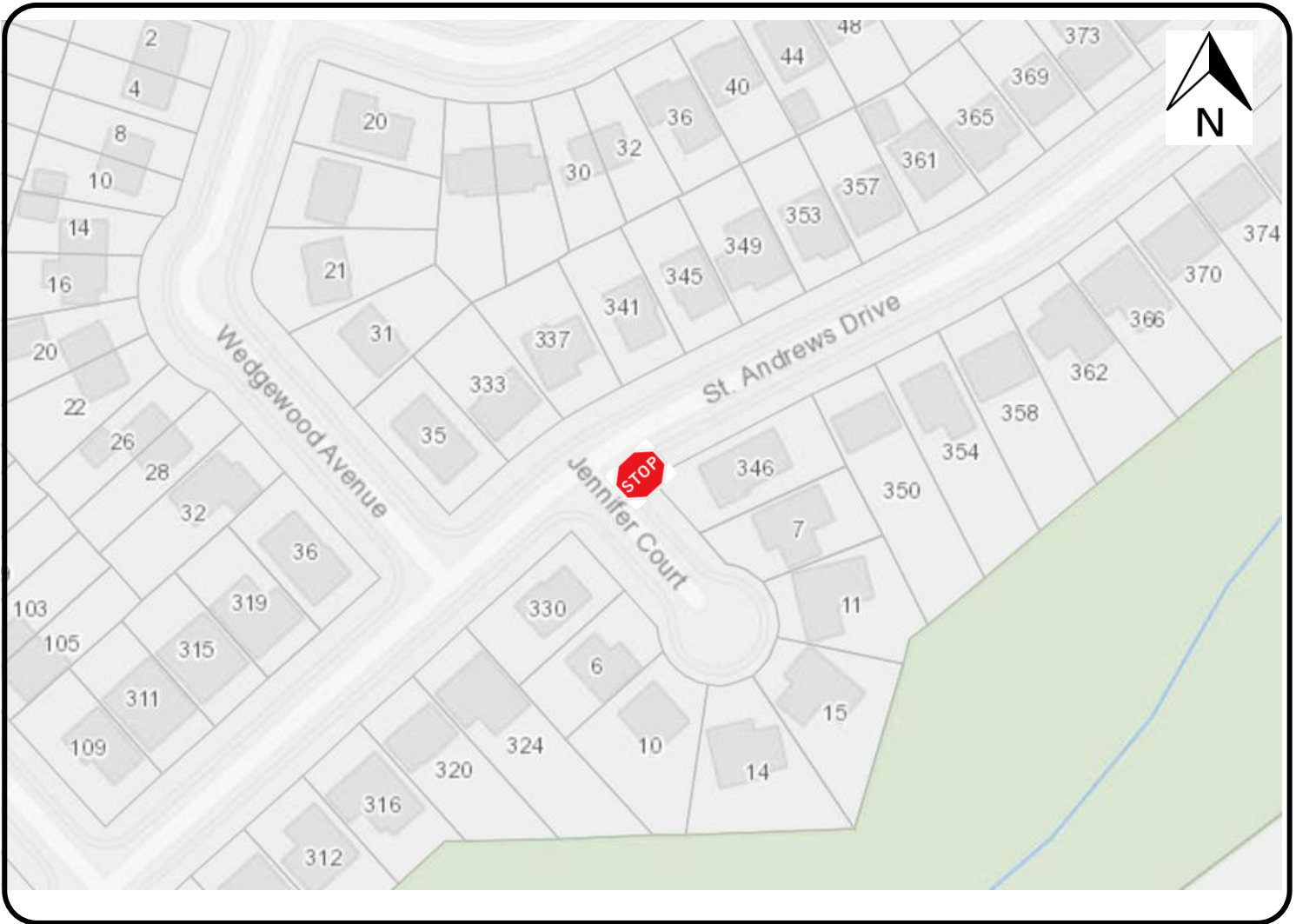
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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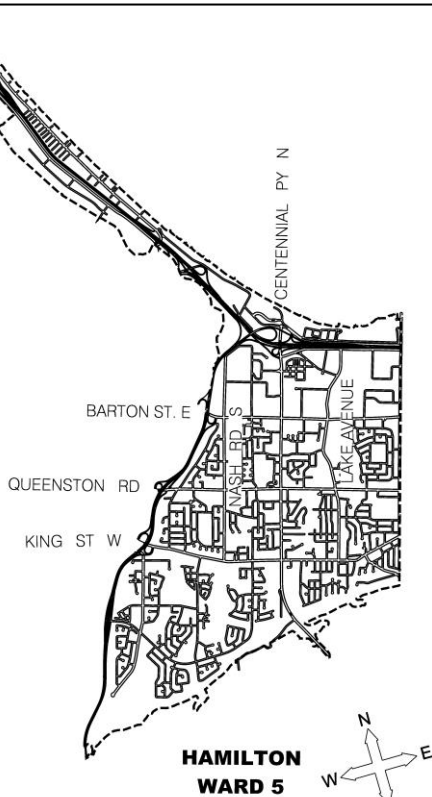
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Jennifer Court at St. Andrews Drive

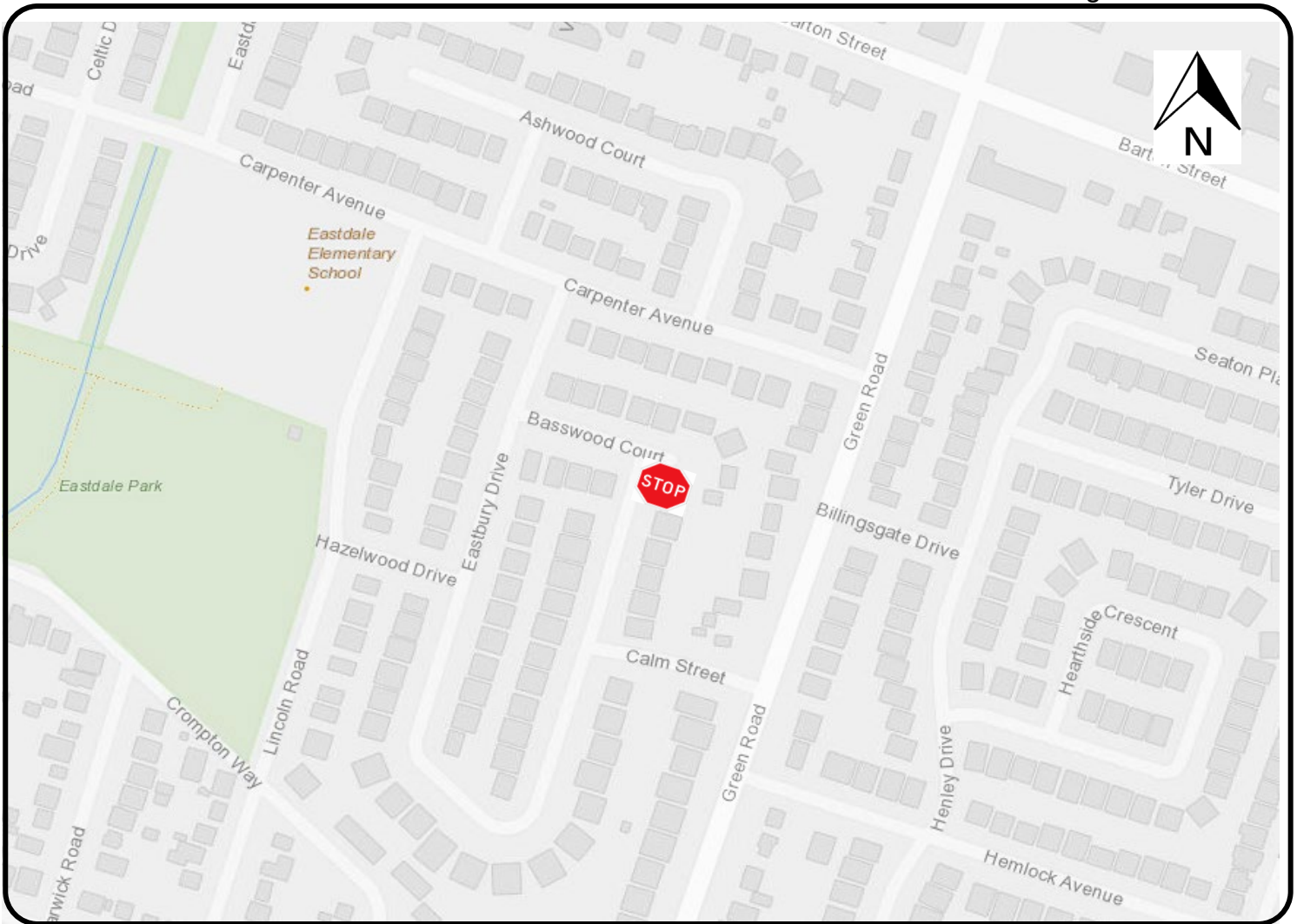
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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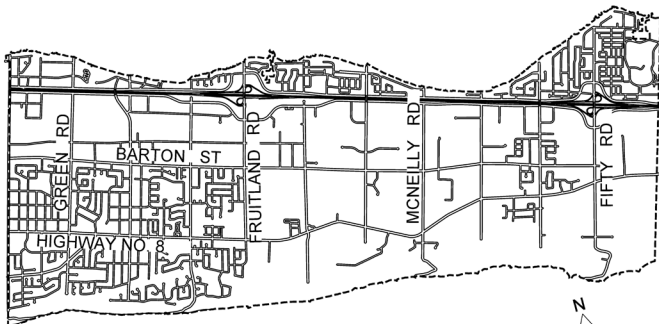
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 10**



LOCATION PLAN

PROPOSED STOP CONTROL:

Eastbury Drive at Basswood Court

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

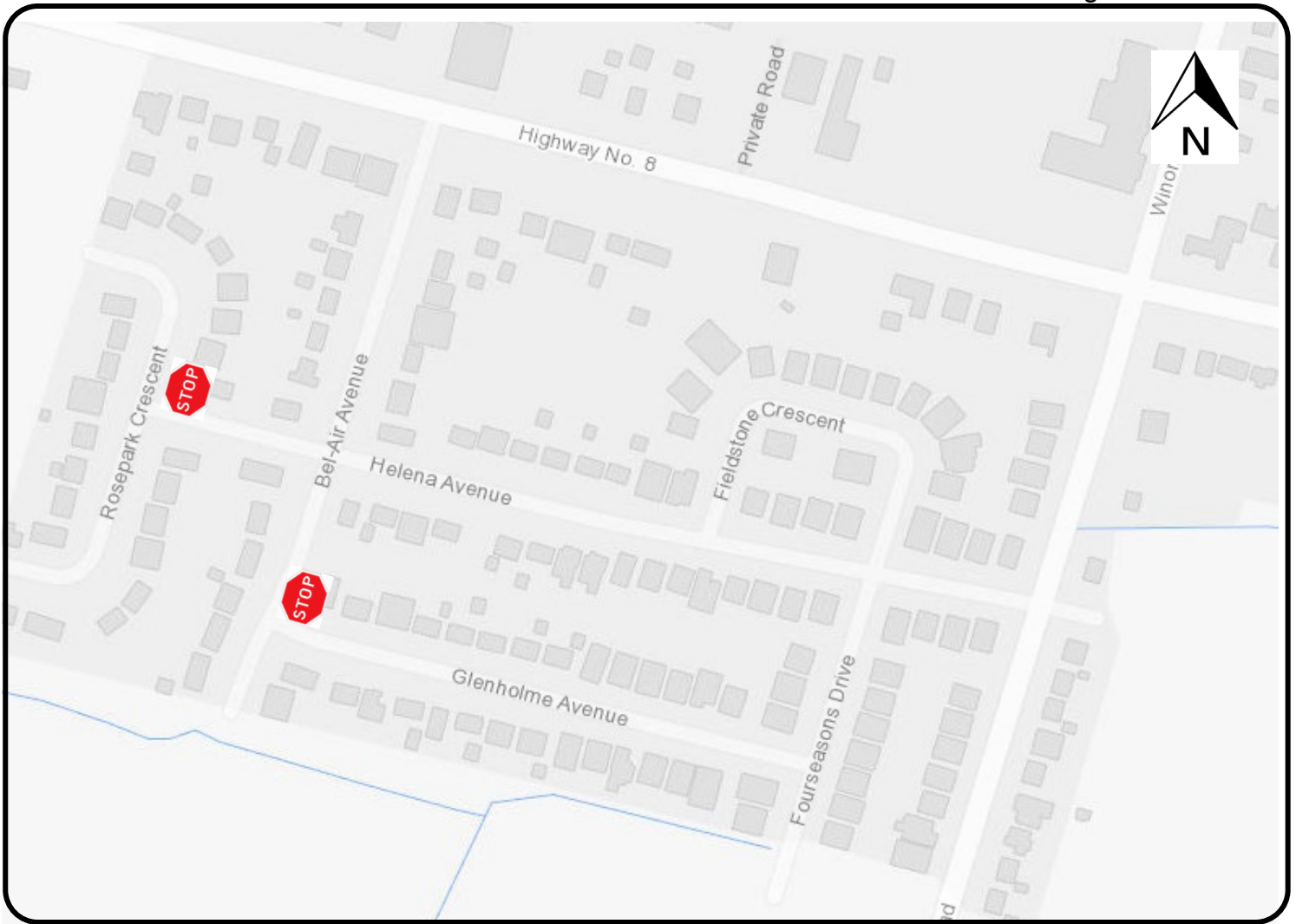
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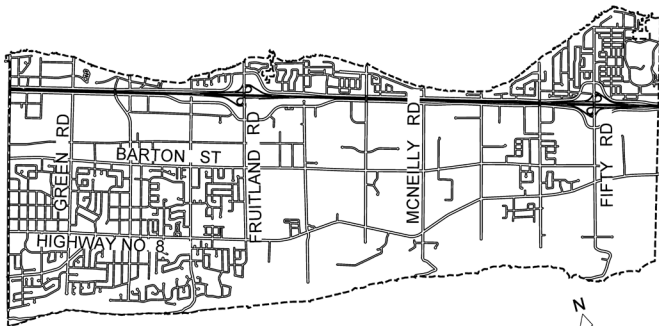
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 10



LOCATION PLAN

PROPOSED STOP CONTROL:

**Glenholme Avenue at Bel-Air Avenue
Helena Avenue at Rosepark Avenue**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

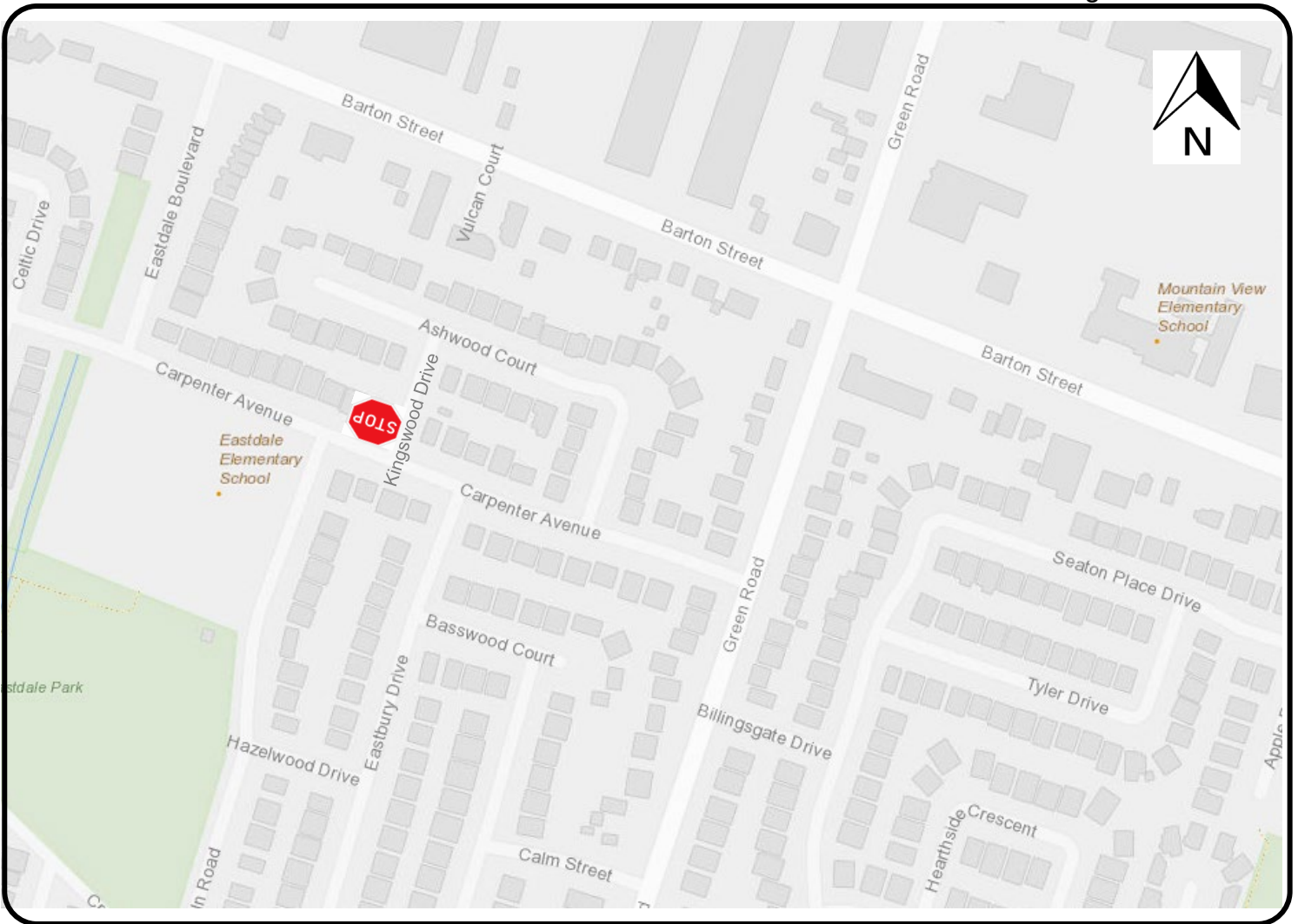
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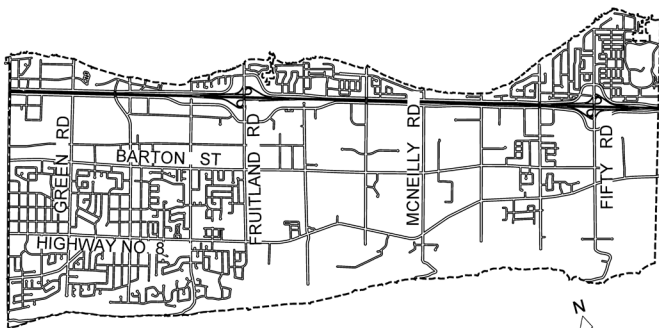
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 10**



LOCATION PLAN

PROPOSED STOP CONTROL:

Kingswood Drive at Ashwood Court

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

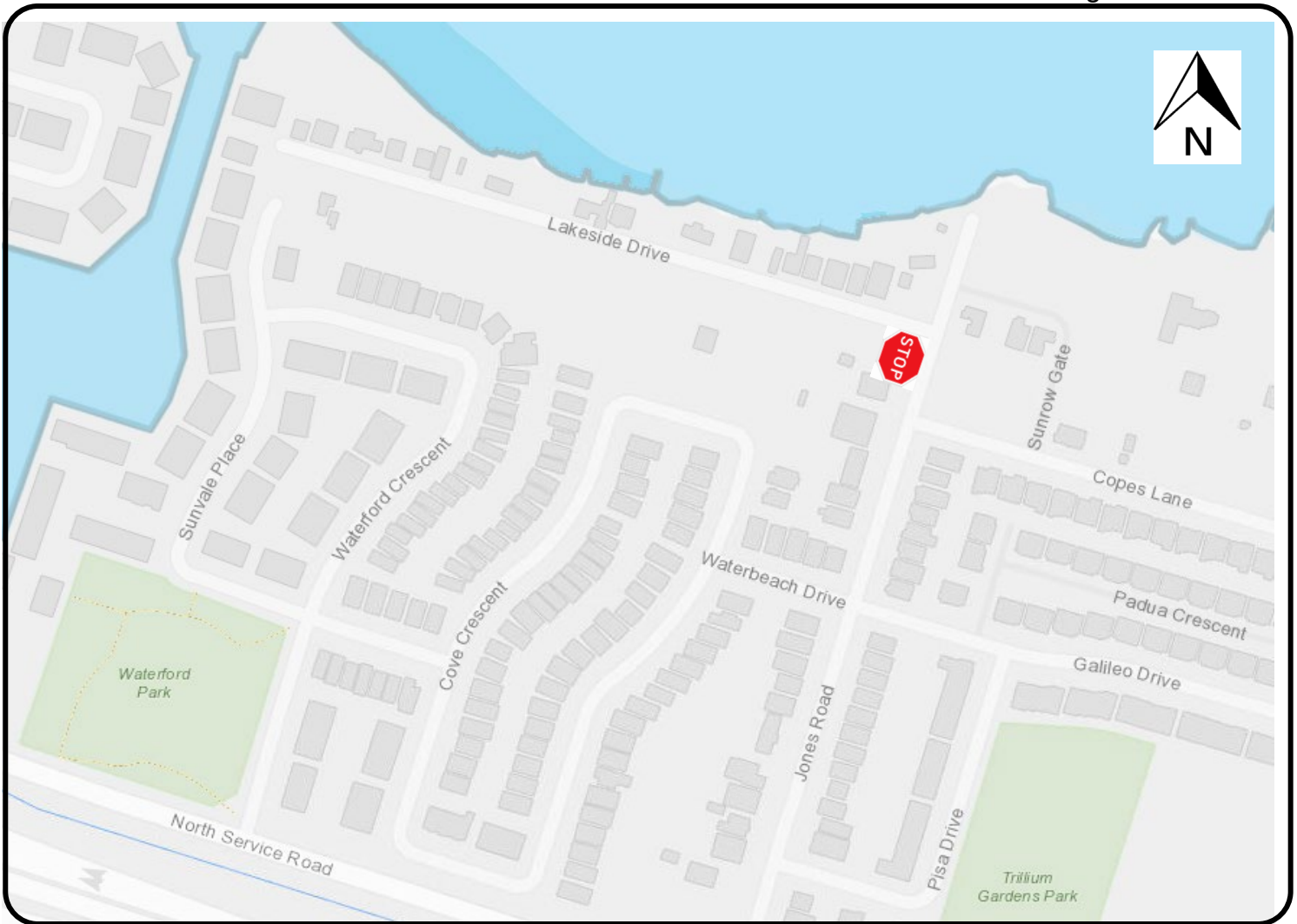
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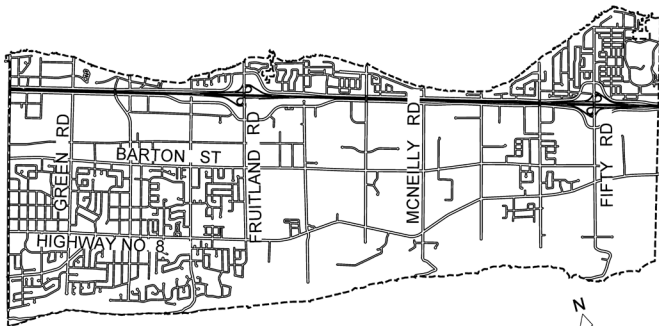
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



HAMILTON
WARD 10



LOCATION PLAN

PROPOSED STOP CONTROL:

Lakeside Drive at Jones Road

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

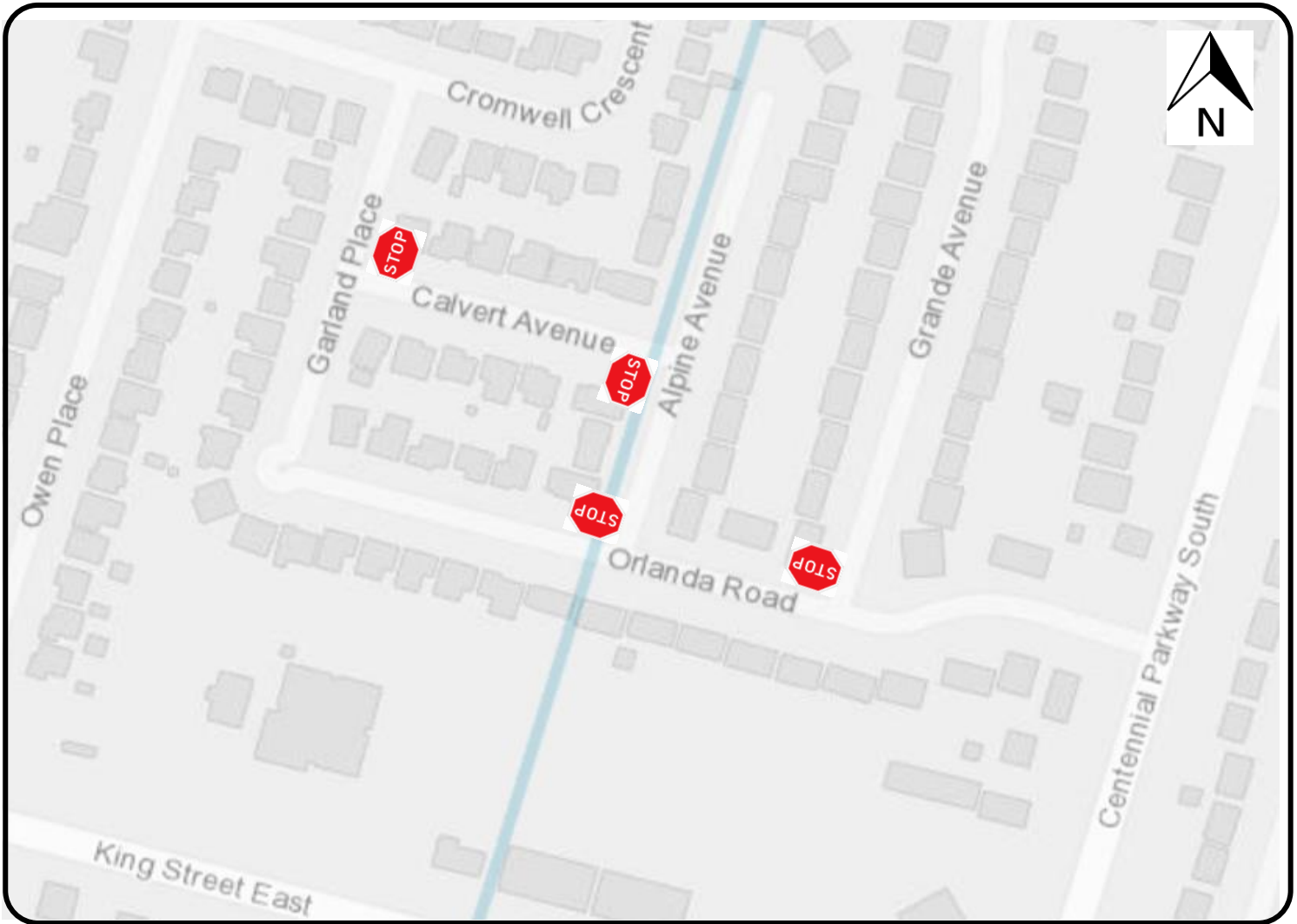
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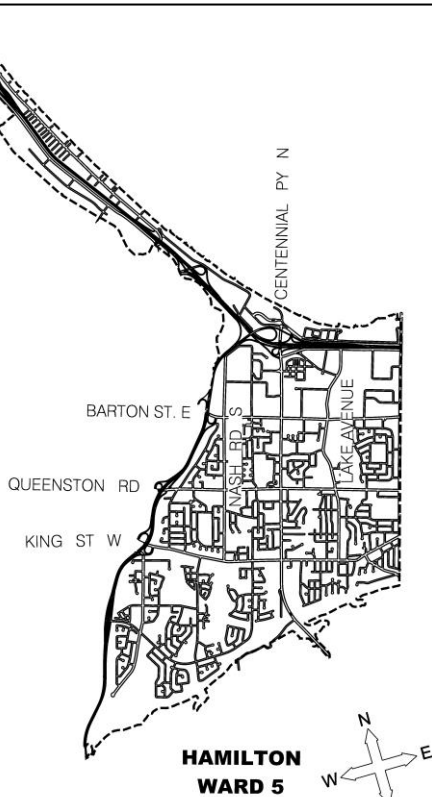
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Calvert Avenue at Garland Place, Calvert Avenue at Alpine Avenue, Alpine Avenue at Orlanda Road, Grande Avenue at Orlanda Road

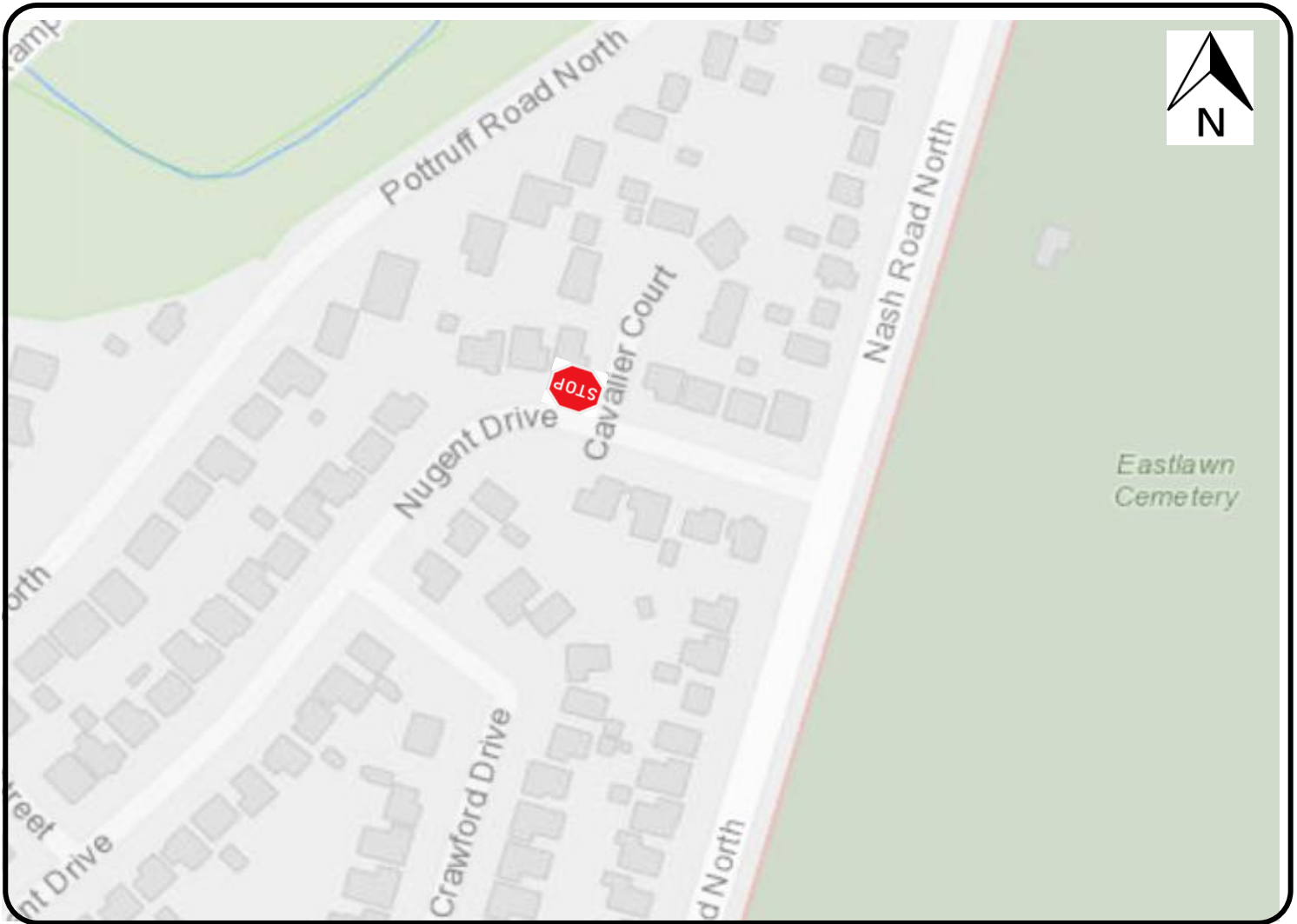
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PUBLIC WORKS DEPARTMENT

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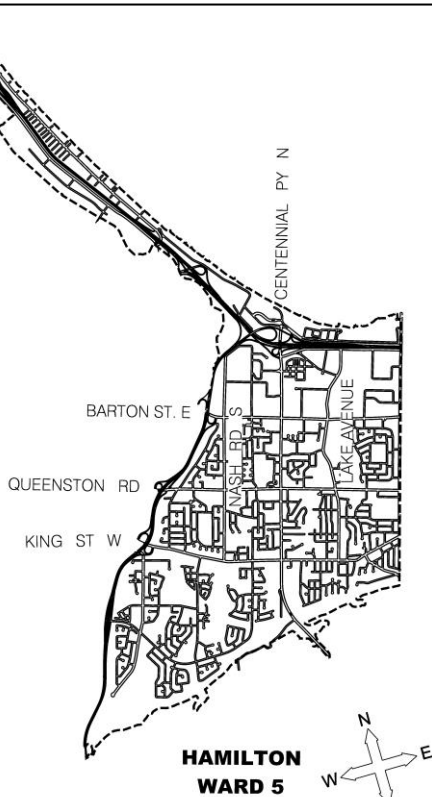
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Cavalier Court at Nugent Drive

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

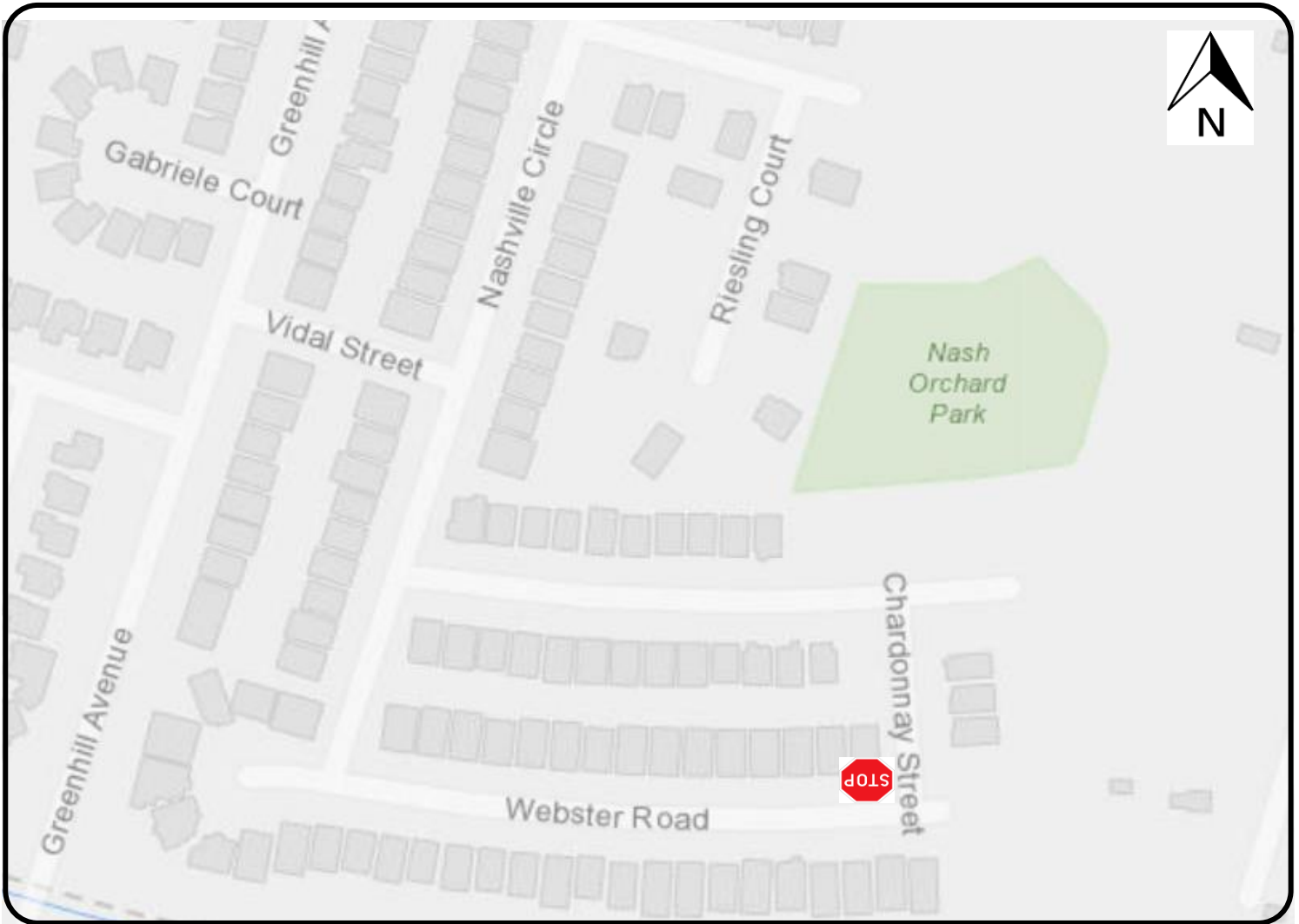
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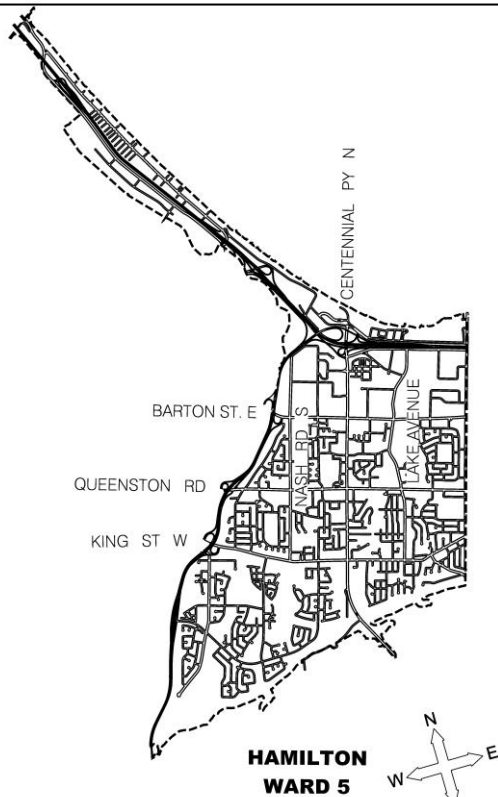
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Chardonnay Street at Webster Road

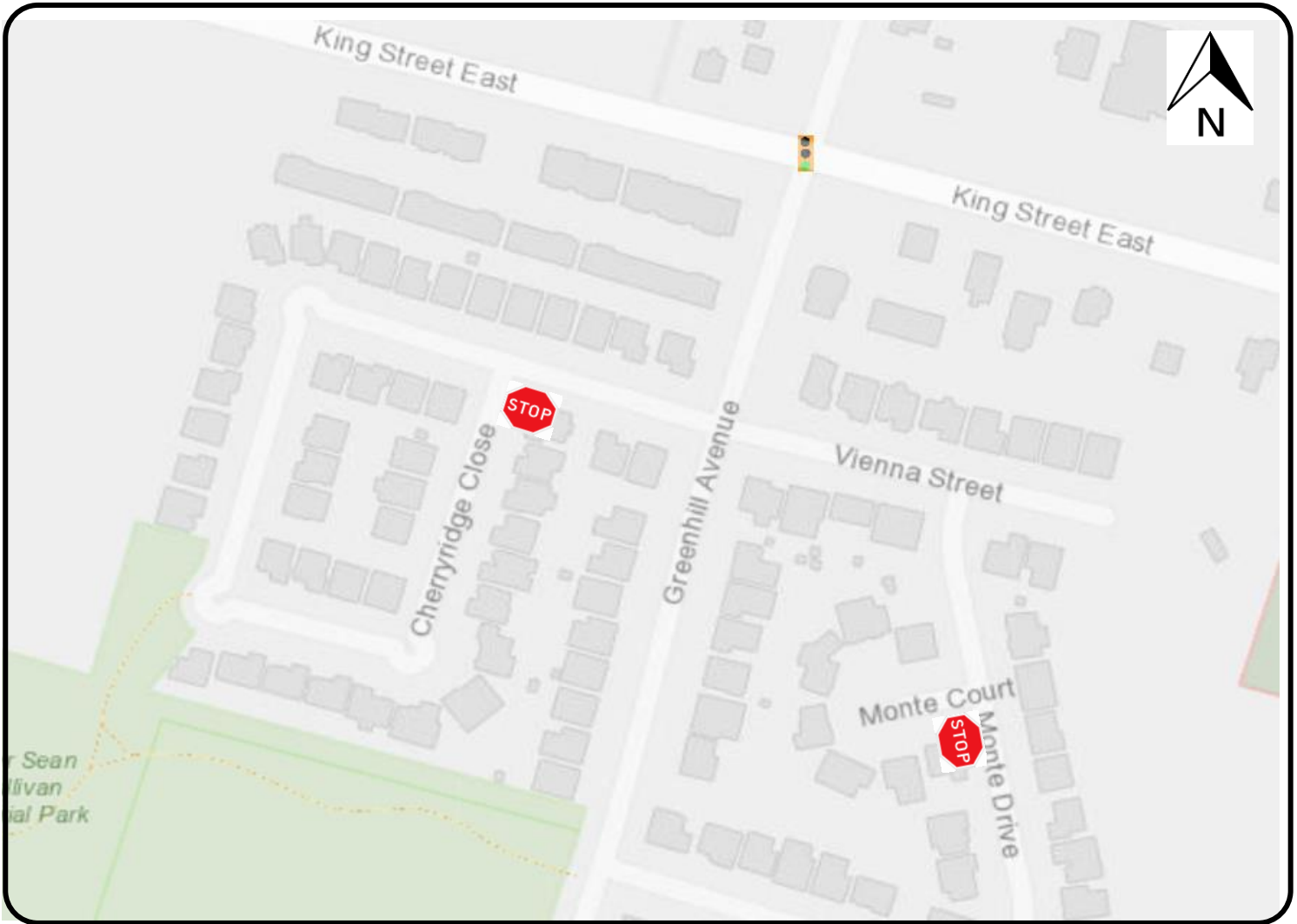
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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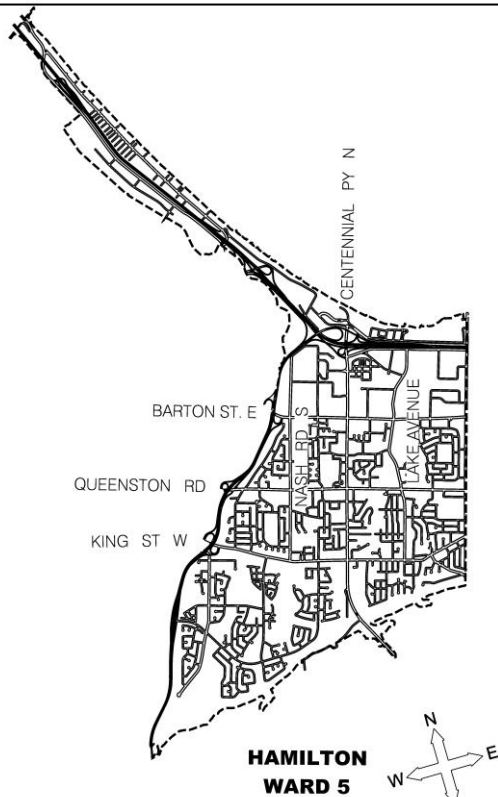
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Monte Court at Monte Drive
Cherryridge Close at Cherryridge Close**

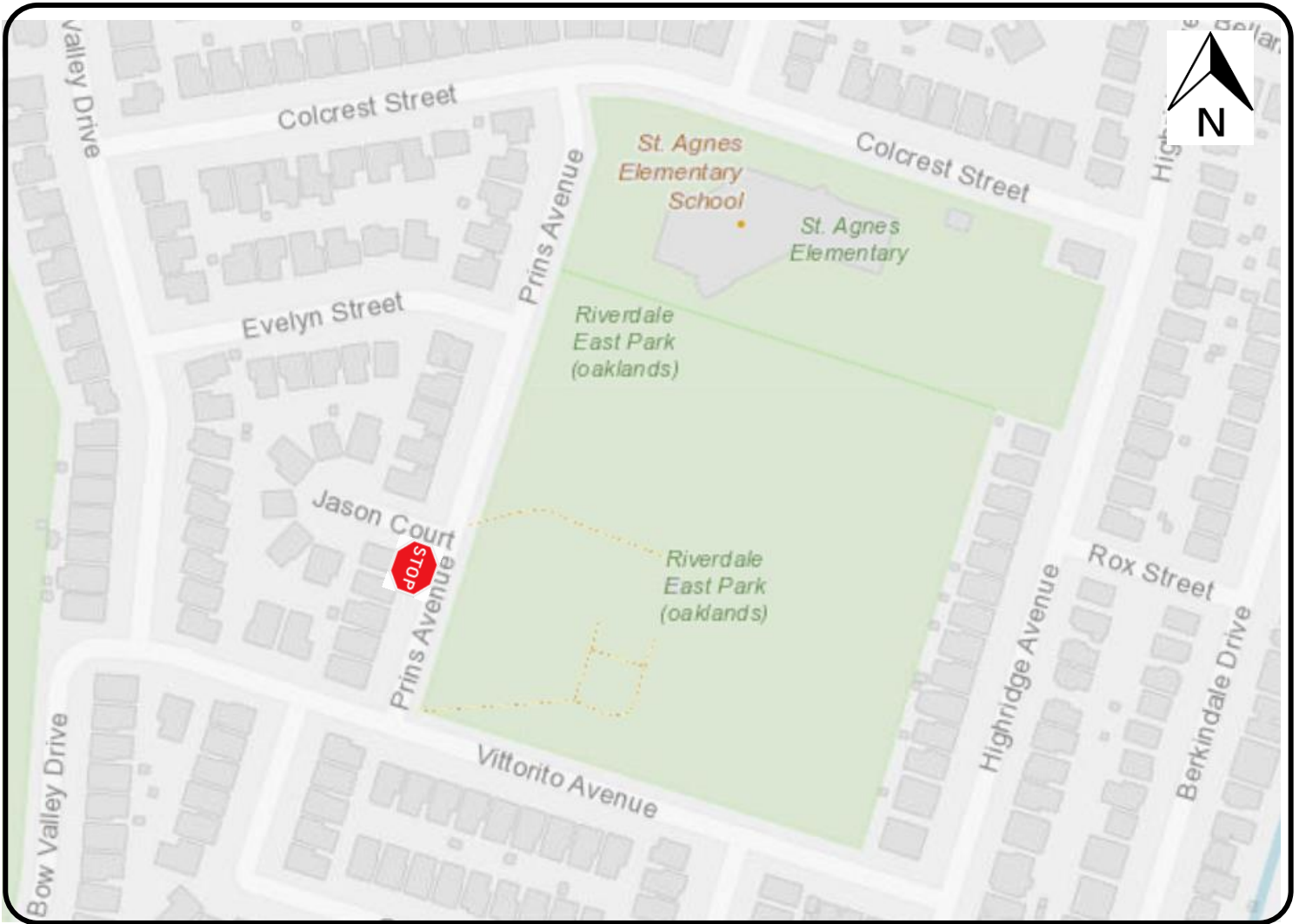
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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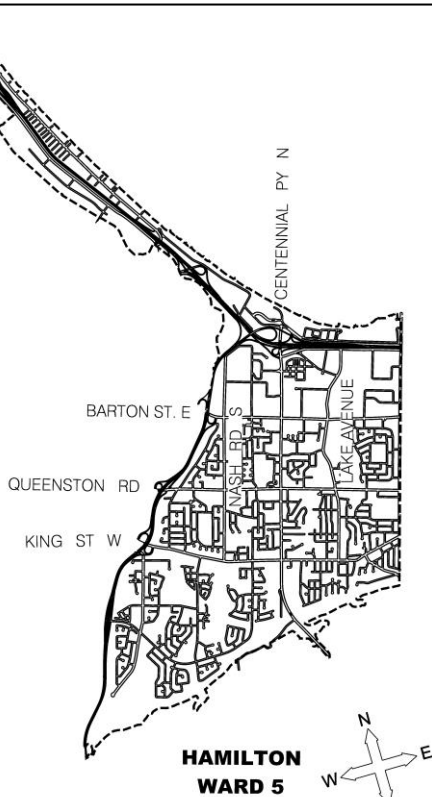
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Jason Court at Prins Avenue

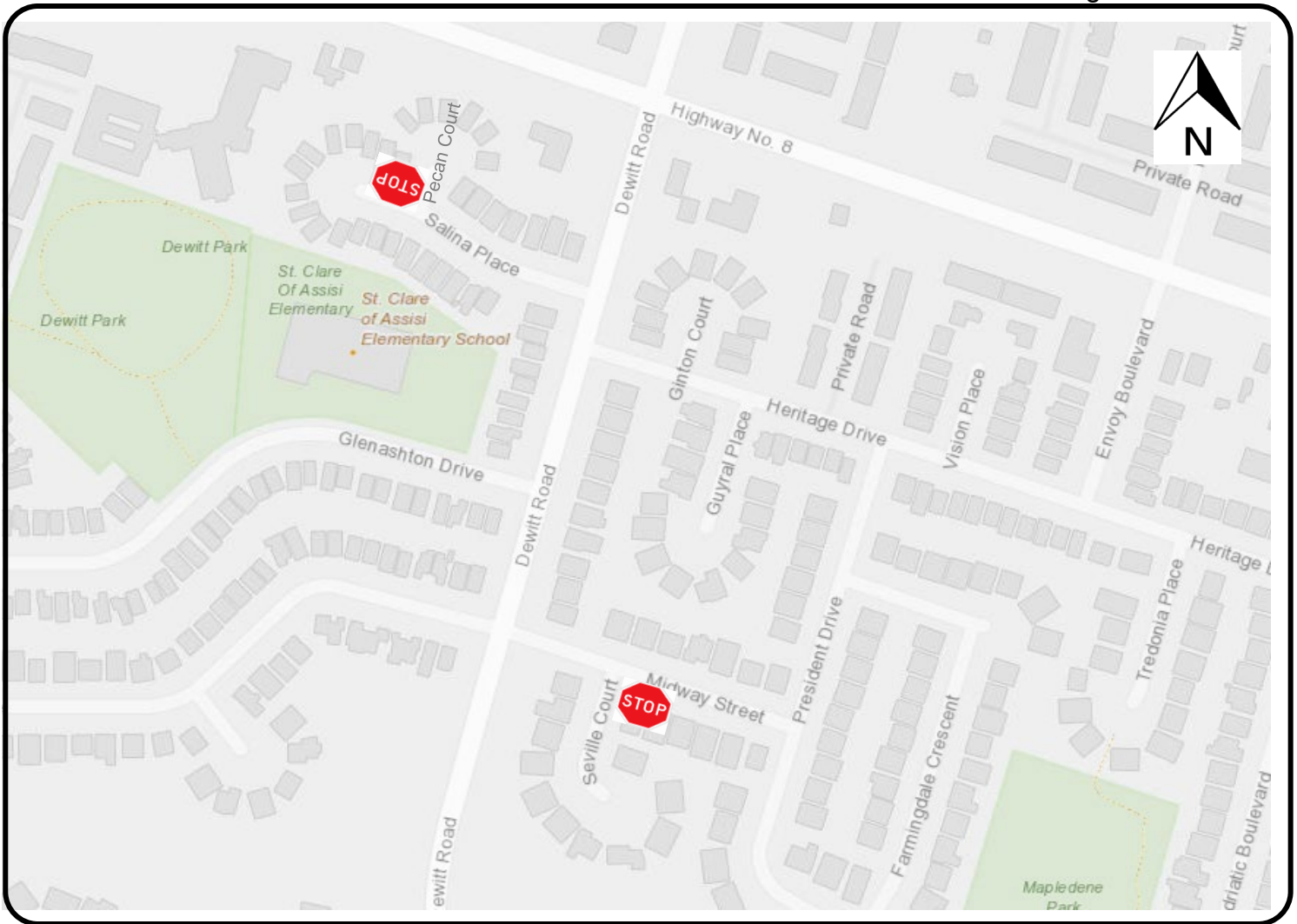
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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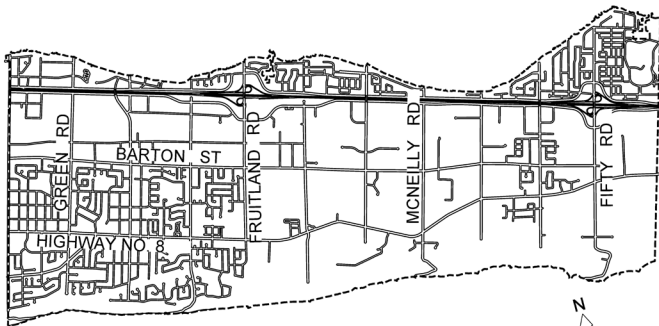
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 10**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Pecan Court at Salina Place
Seville Court at Midway Street**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

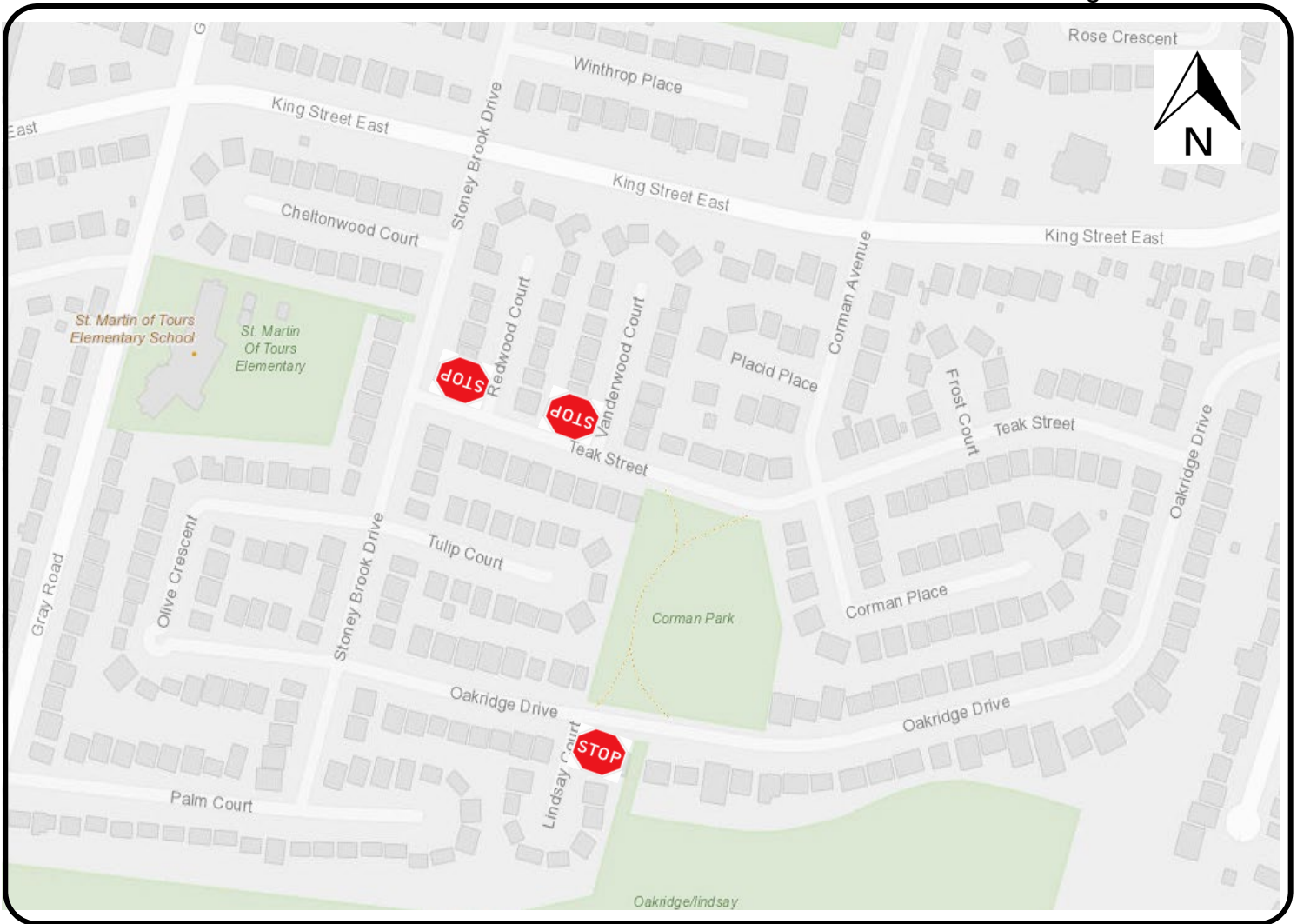
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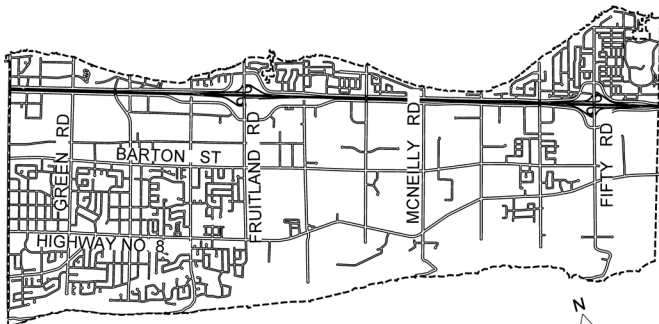
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
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KEY MAP



**HAMILTON
WARD 10**



LOCATION PLAN

PROPOSED STOP CONTROL:

- Redwood Court at Teak Street**
- Vanderwood Court at Teak Street**
- Lindsay Court at Oakridge Drive**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

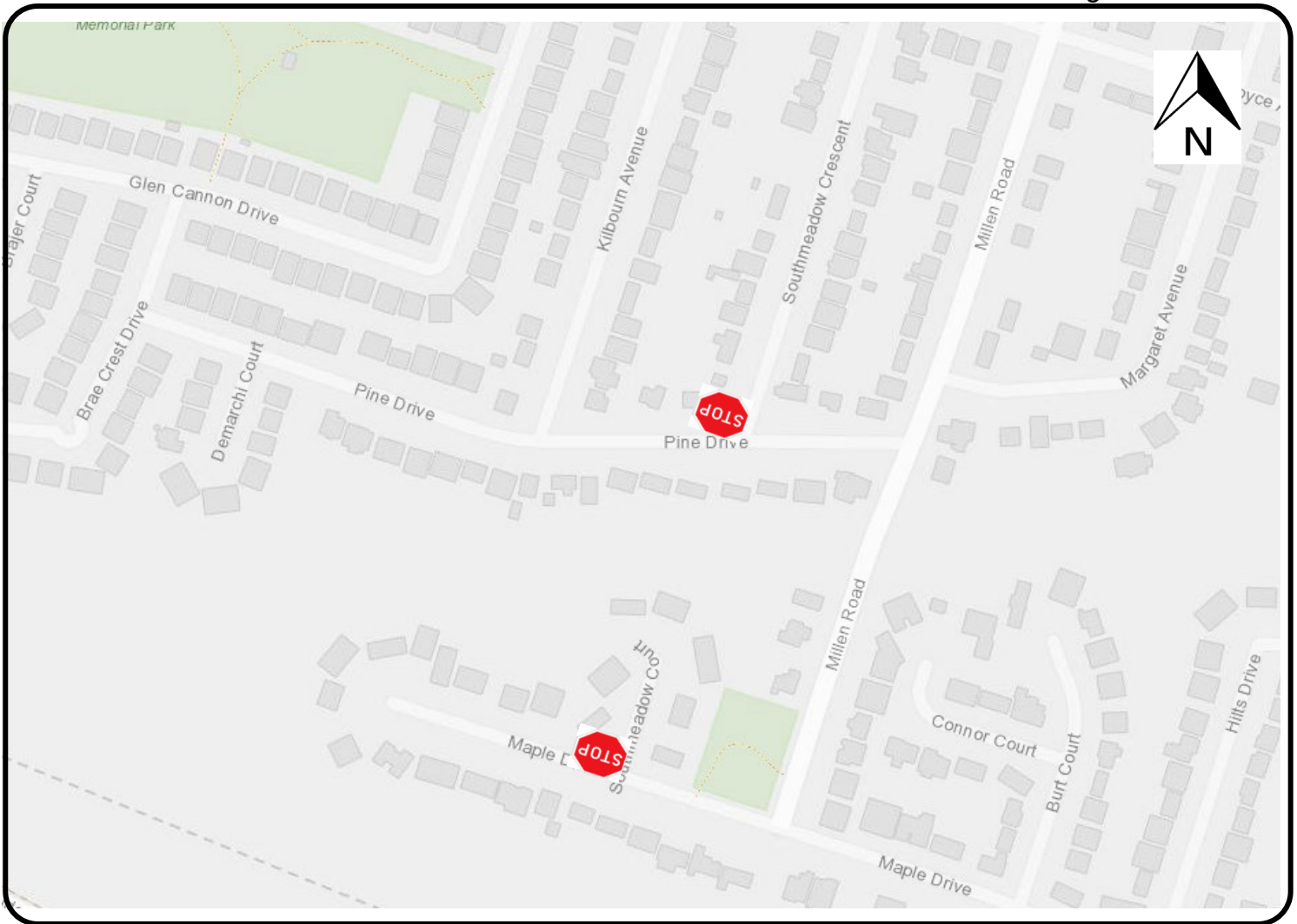
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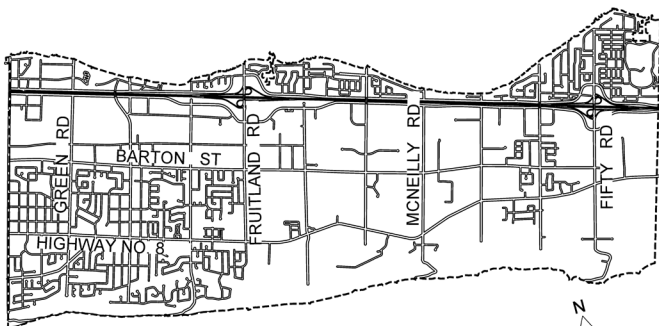
PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 10**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Southmeadow Crescent at Pine Drive
Southmeadow Court at Maple Drive**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

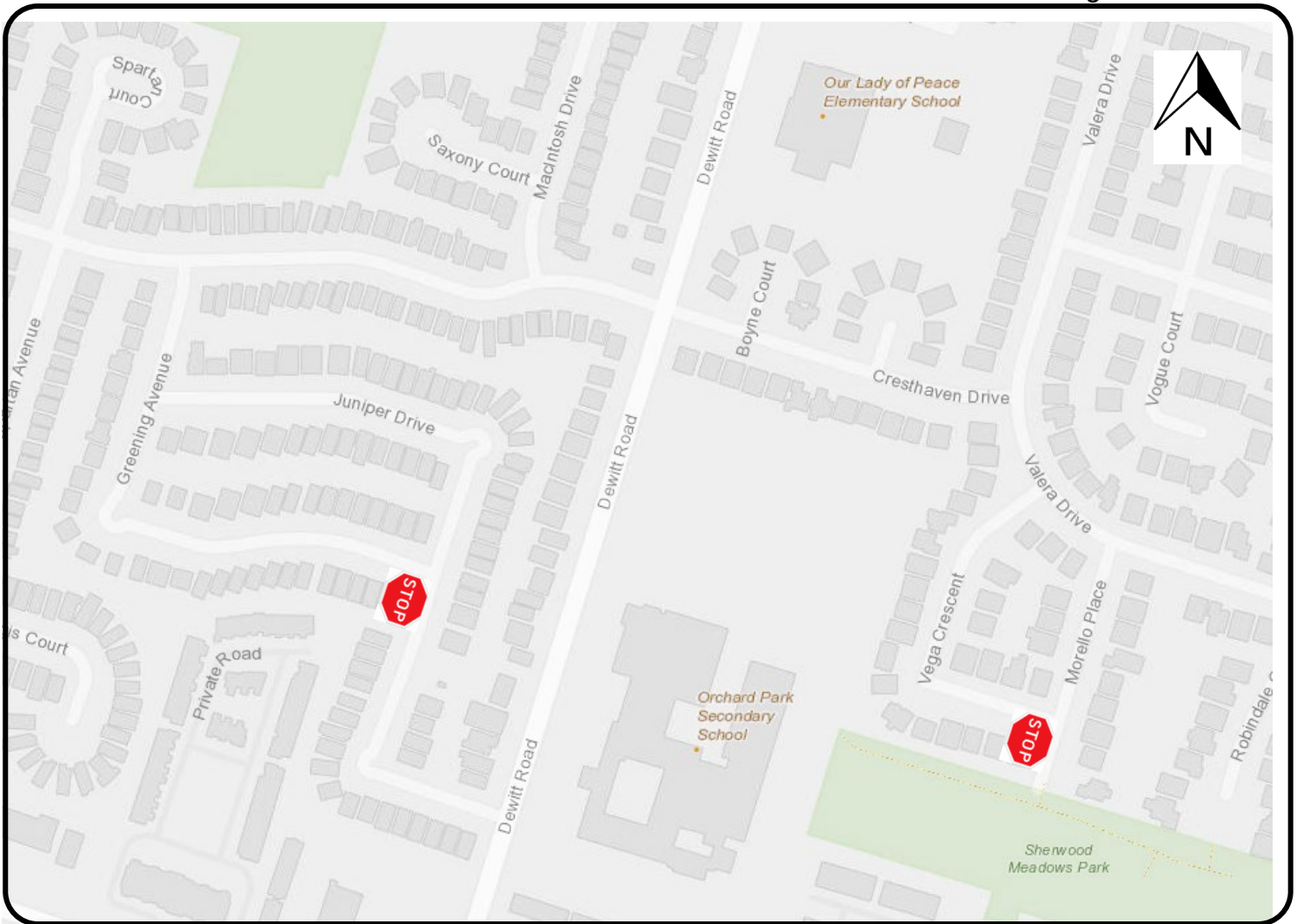
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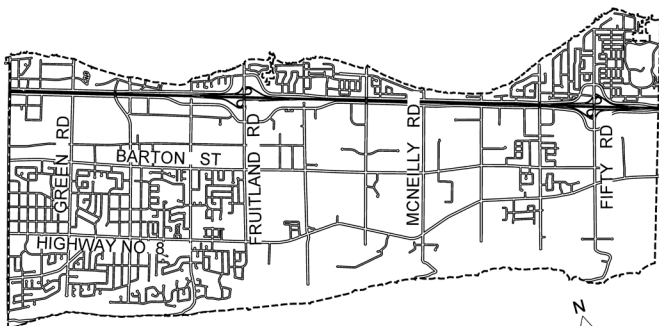
PROPOSED STOP

SCALE
NOT TO SCALE

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KEY MAP



**HAMILTON
WARD 10**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Vega Crescent at Morello Place
Greening Avenue at Juniper Drive**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

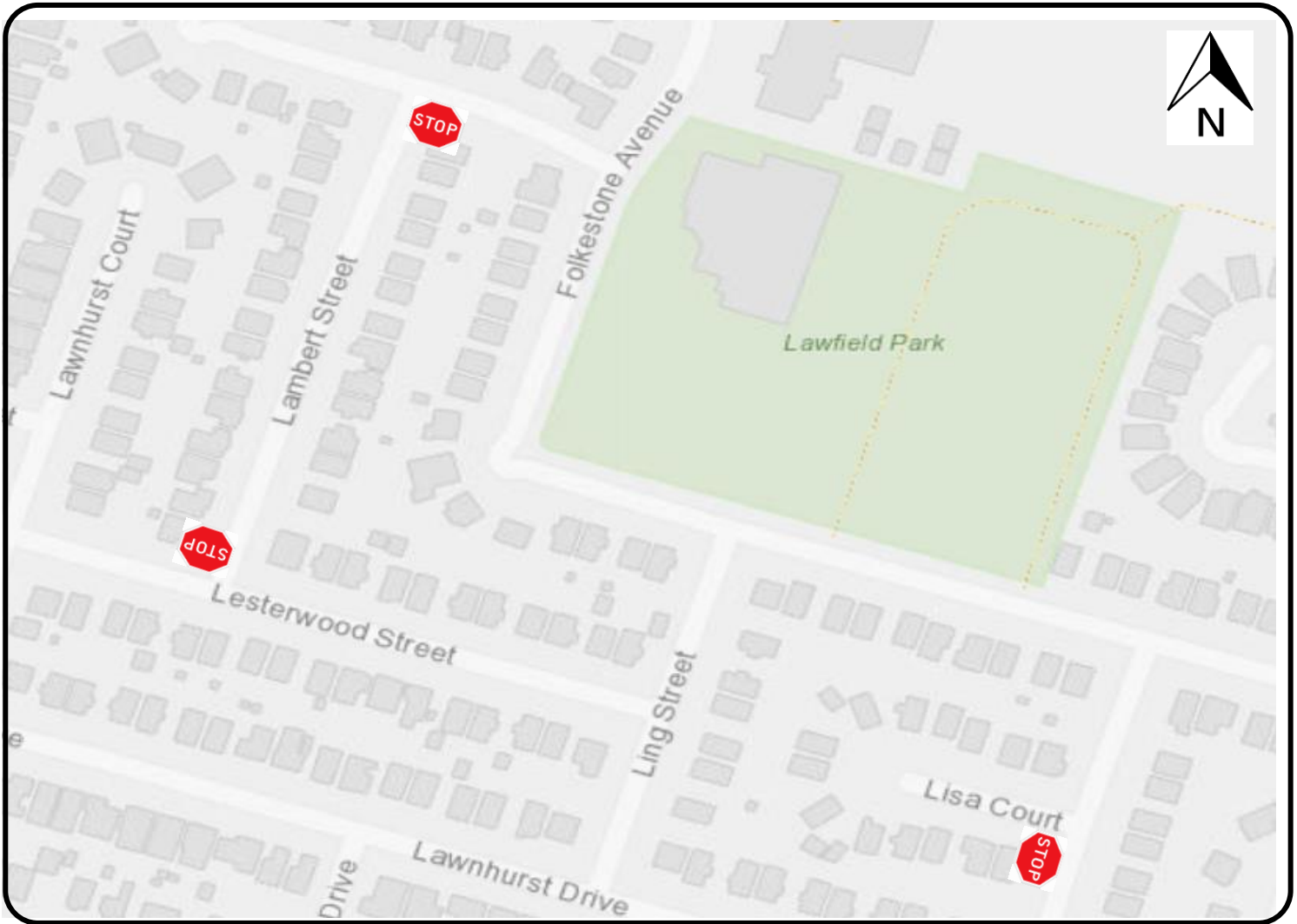
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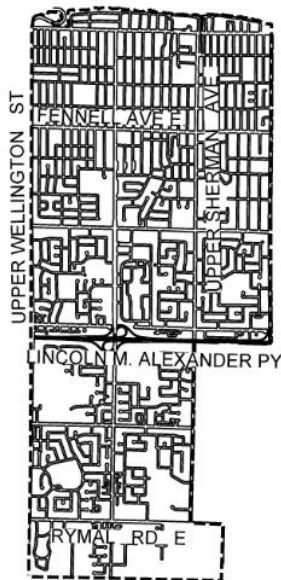
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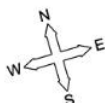
DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 7**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Lambert Street at Bellingham Drive,
Lambert Street at Lesterwood Street,
Lisa Court at Lawnhurst Drive**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND



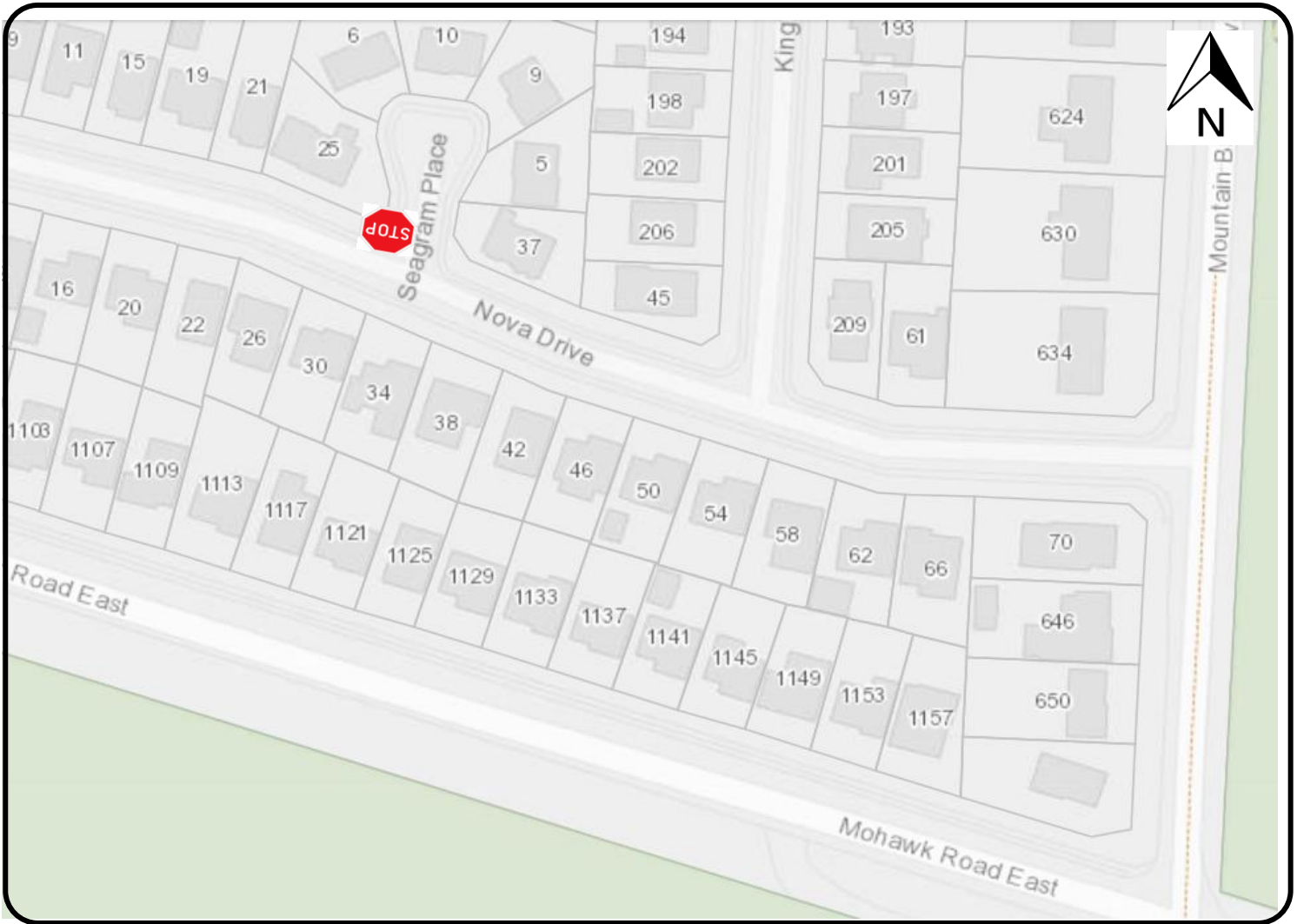
PROPOSED STOP

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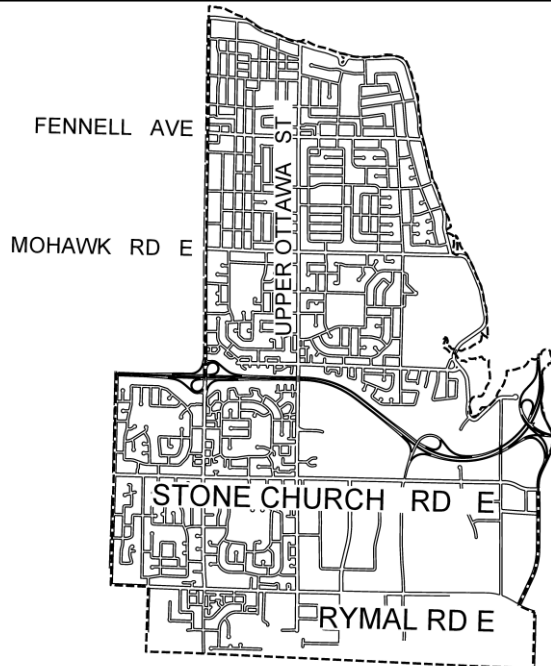
NOT TO SCALE

DATE

September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

Seagram Place at Nova Drive

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND



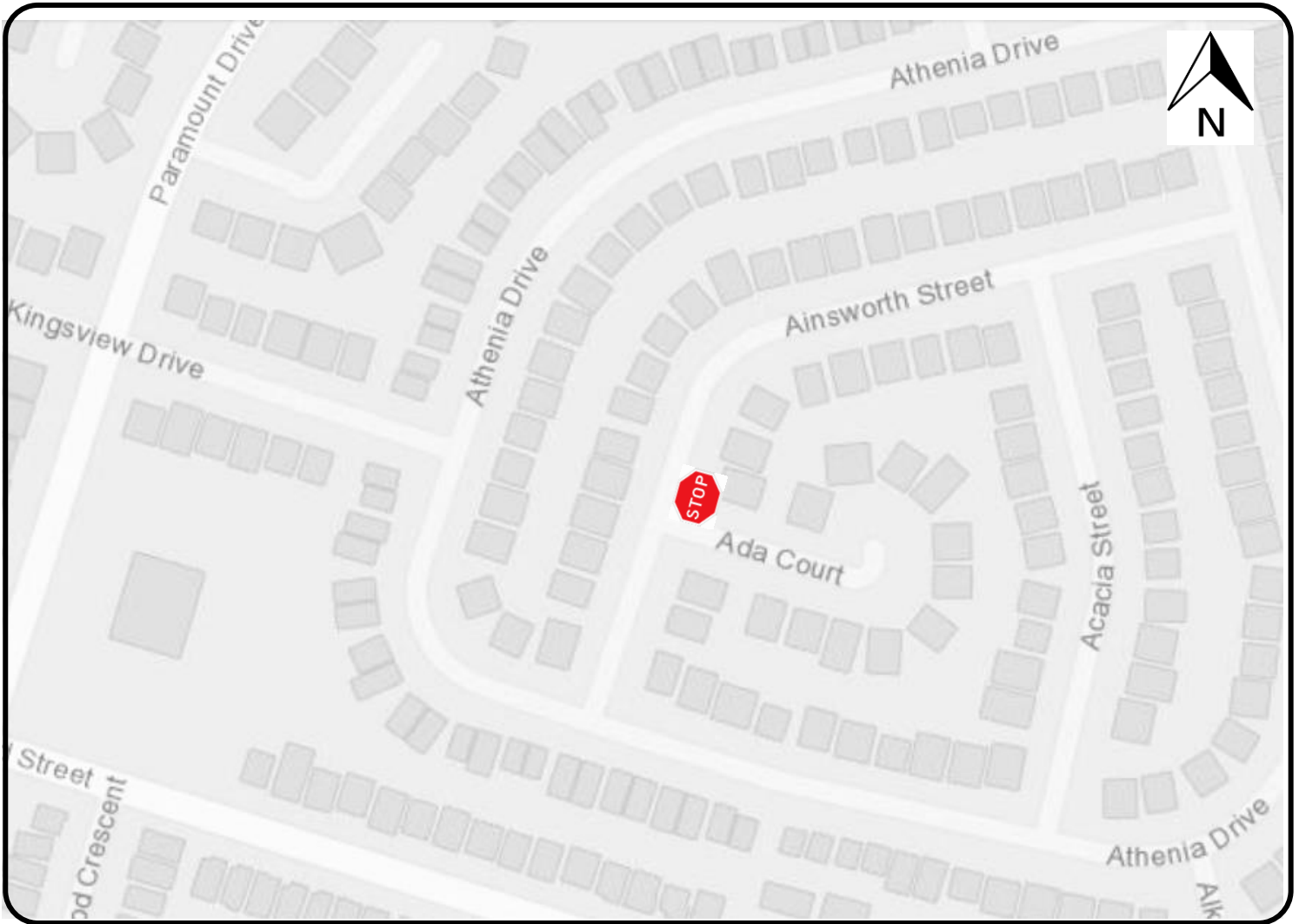
PROPOSED STOP

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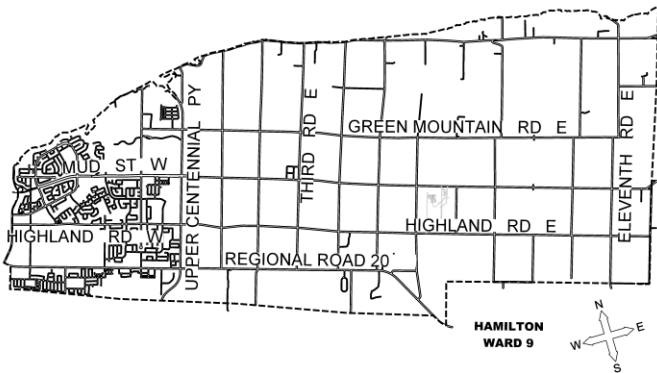
NOT TO SCALE

DATE

September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Ada Court at Ainsworth Street

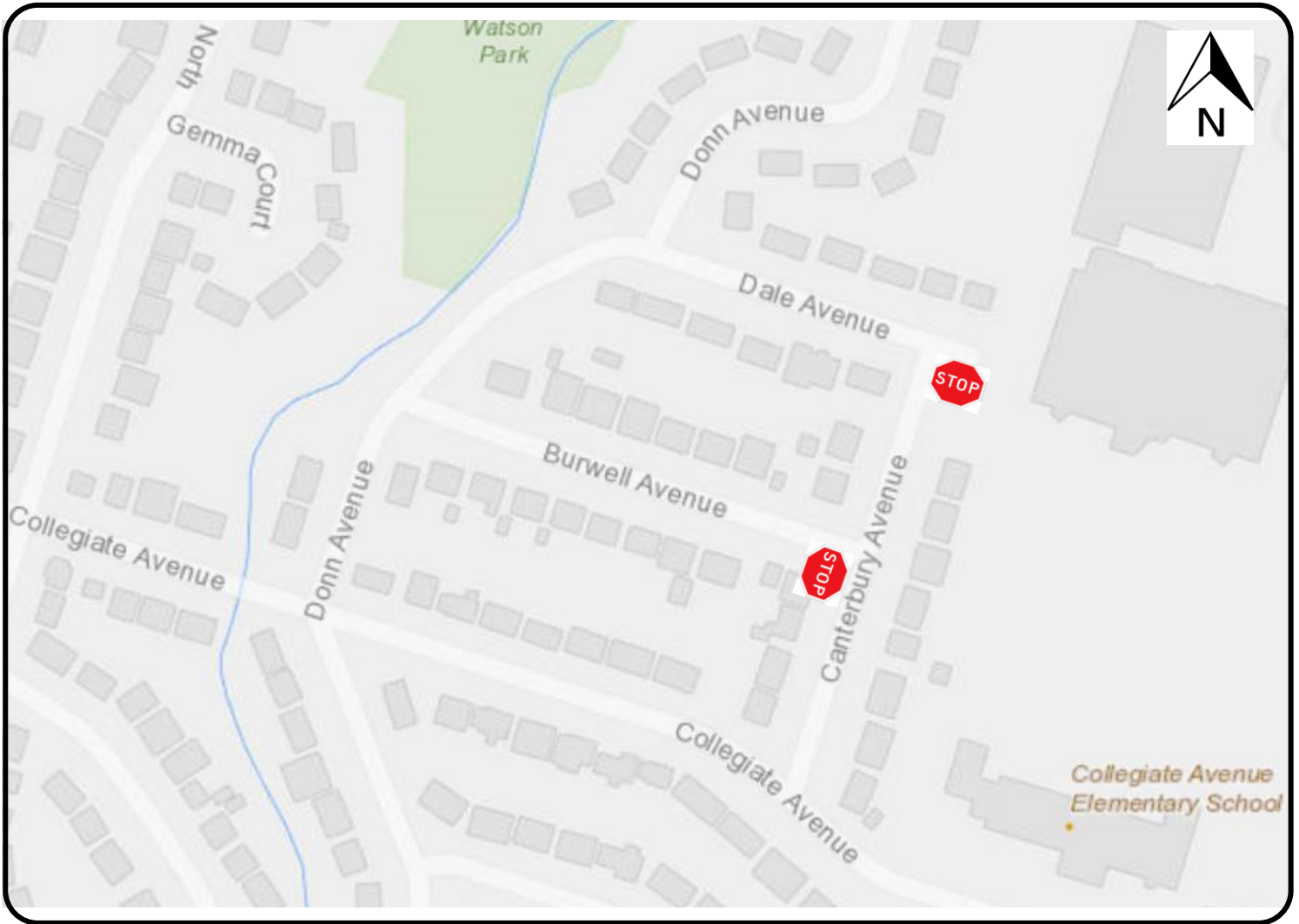
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

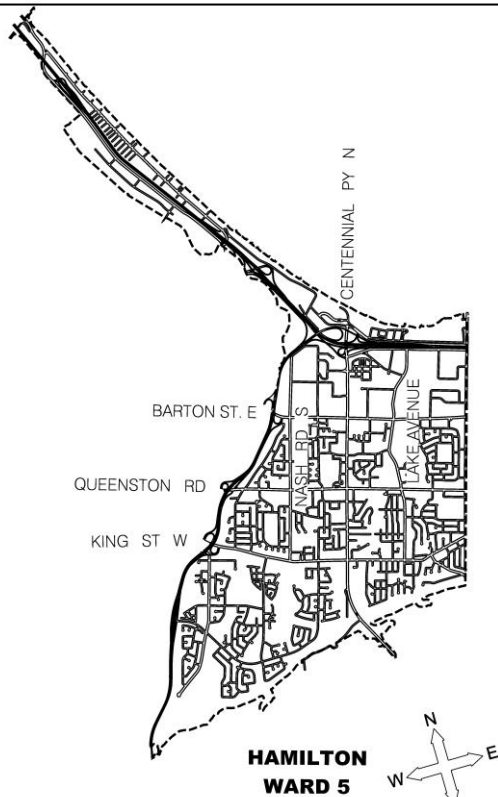
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Burwell Avenue at Canterbury Avenue
Canterbury Avenue at Dale Avenue**

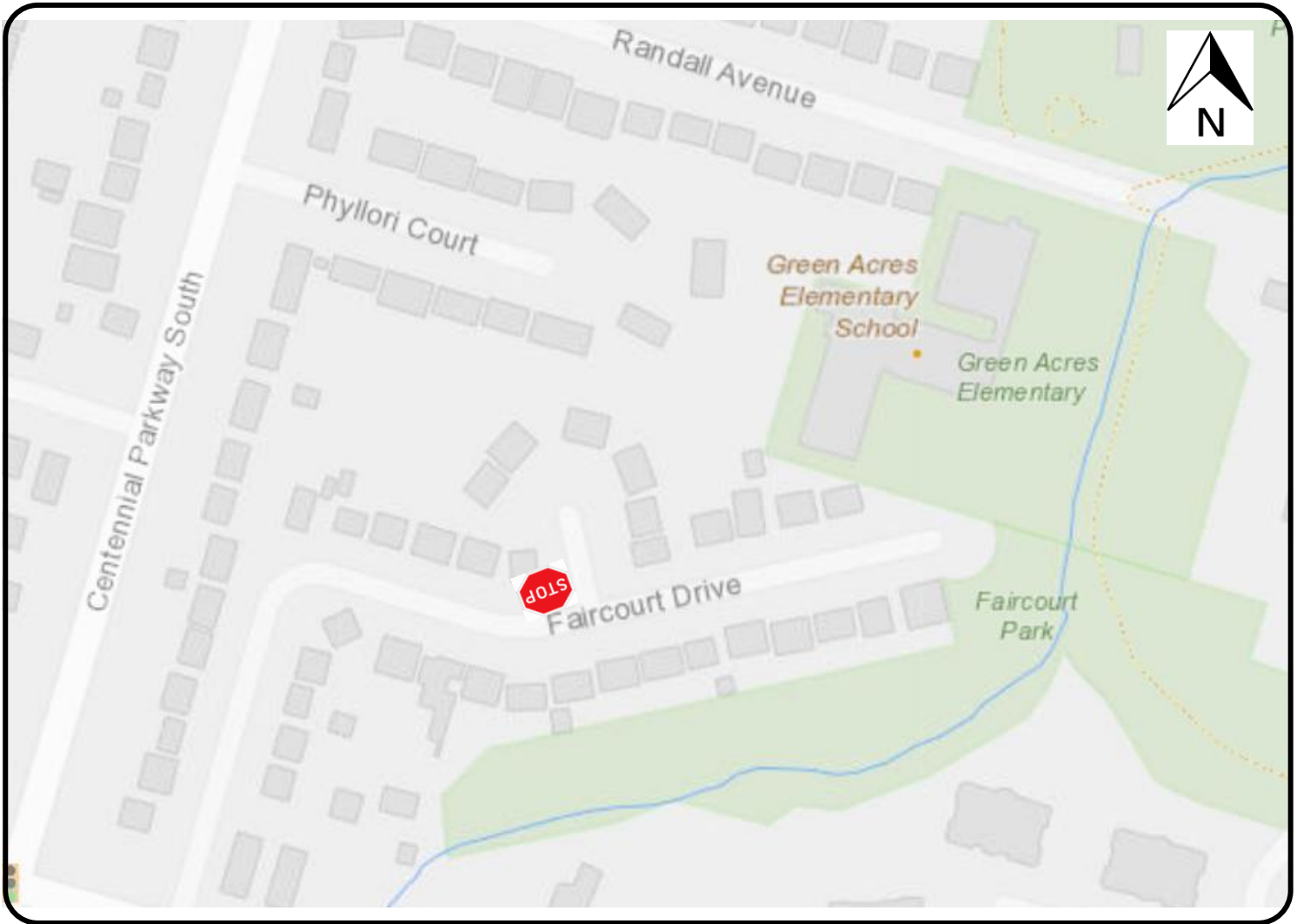
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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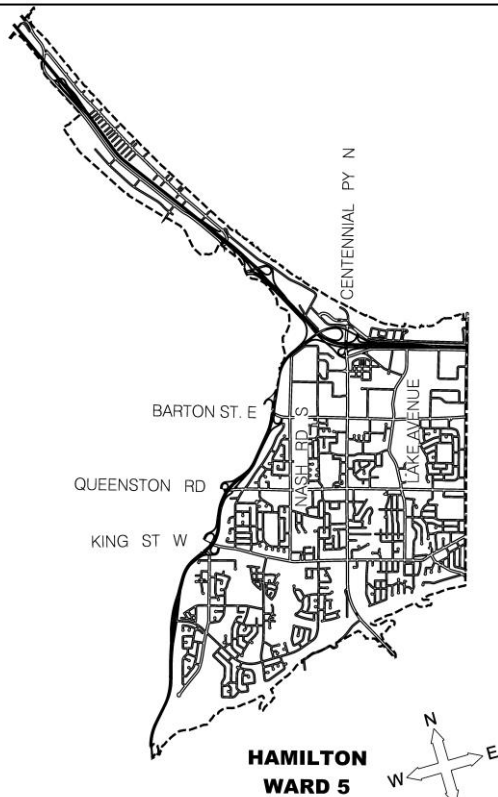
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Faircourt Place at Faircourt Drive

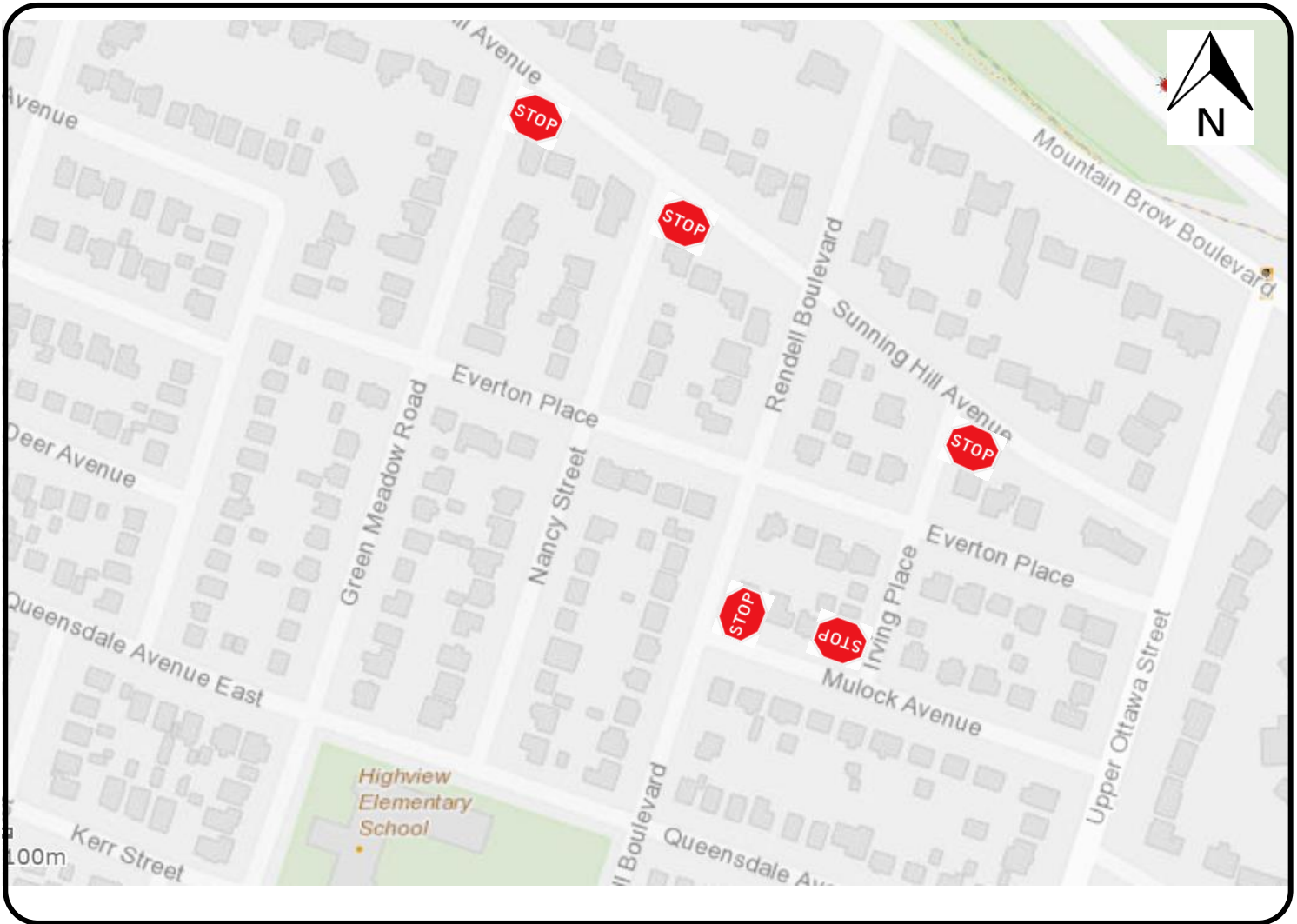
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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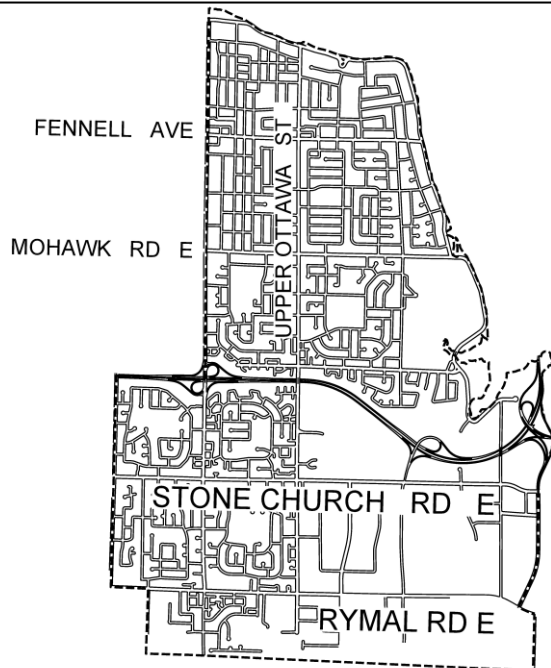
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

Irving Place at Mulock Avenue, Irving Place at Sunning Hill Avenue, Mulock Avenue at Rendell Boulevard, Green Meadow Road at Sunning Hill Avenue, Nancy Street at Sunning Hill Boulevard

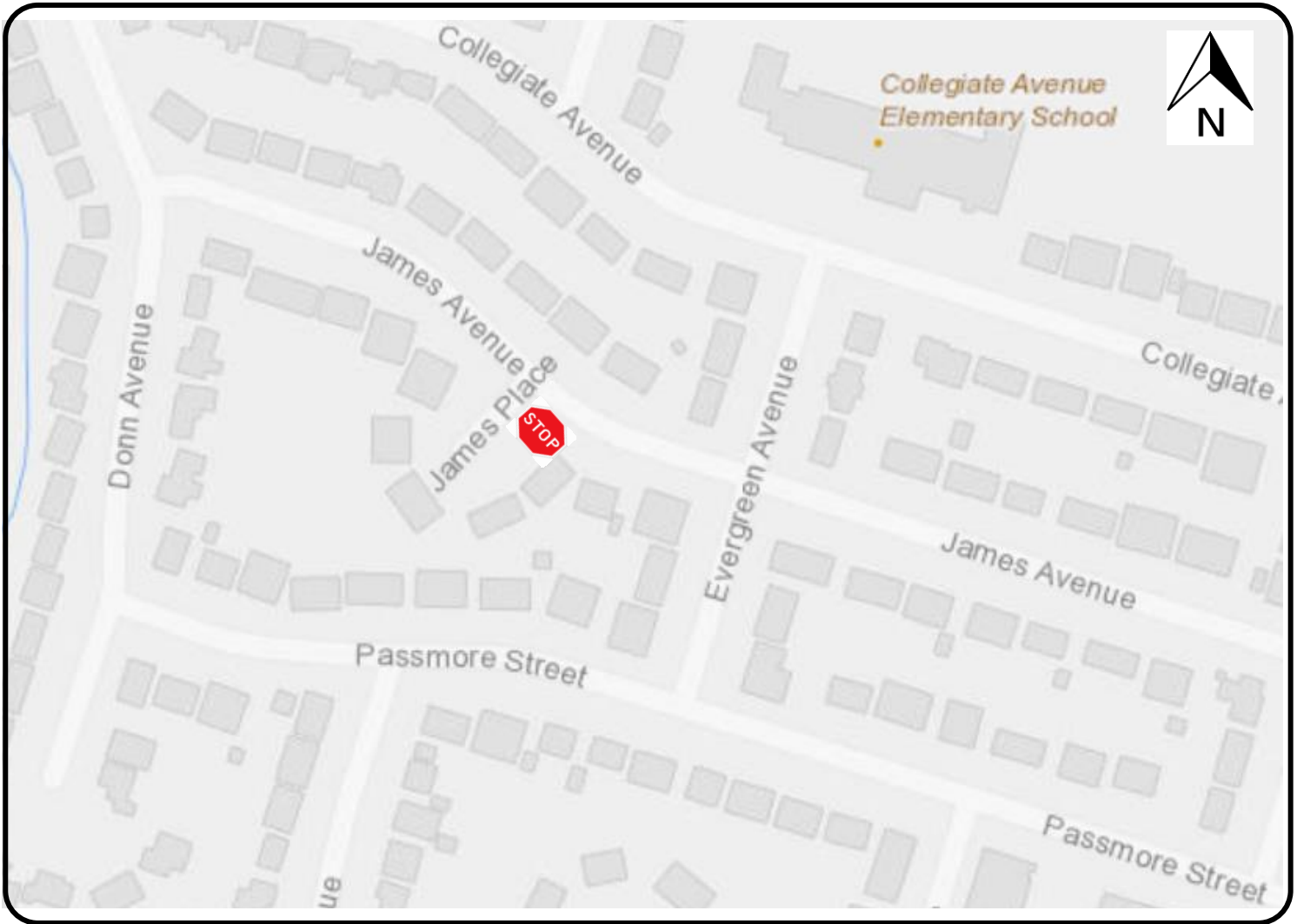
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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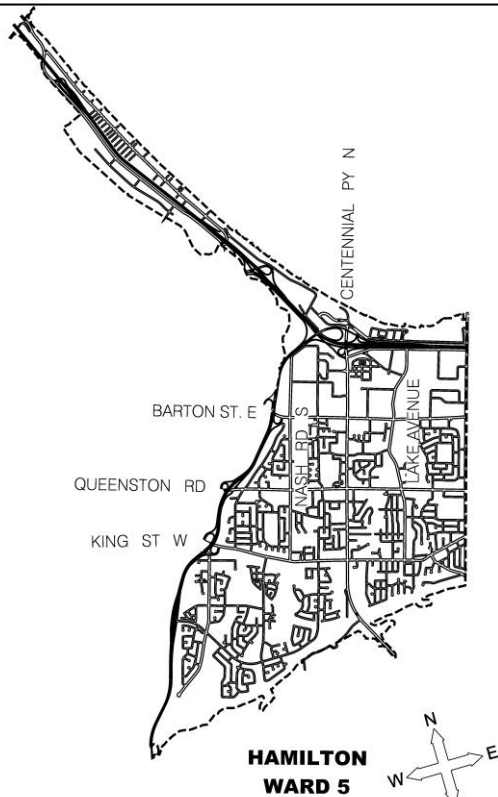
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

James Place at James Avenue

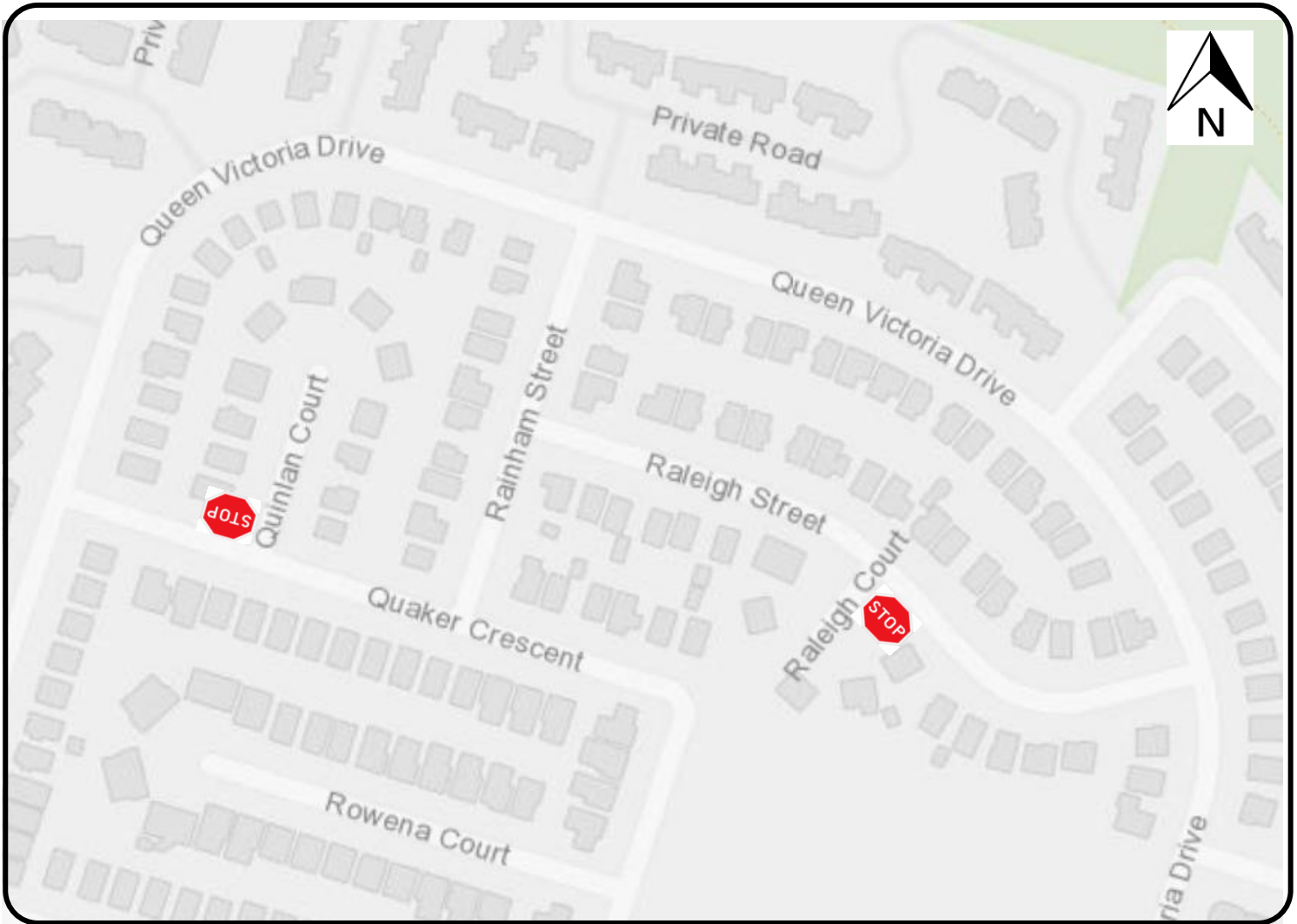
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

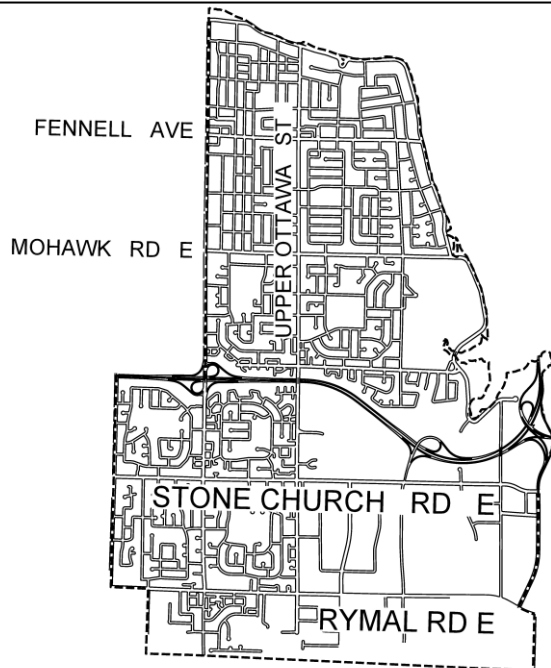
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



**HAMILTON
WARD 6**



LOCATION PLAN

PROPOSED STOP CONTROL:

**Quinlan Court at Quaker Crescent,
Raleigh Court at Raleigh Street**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND



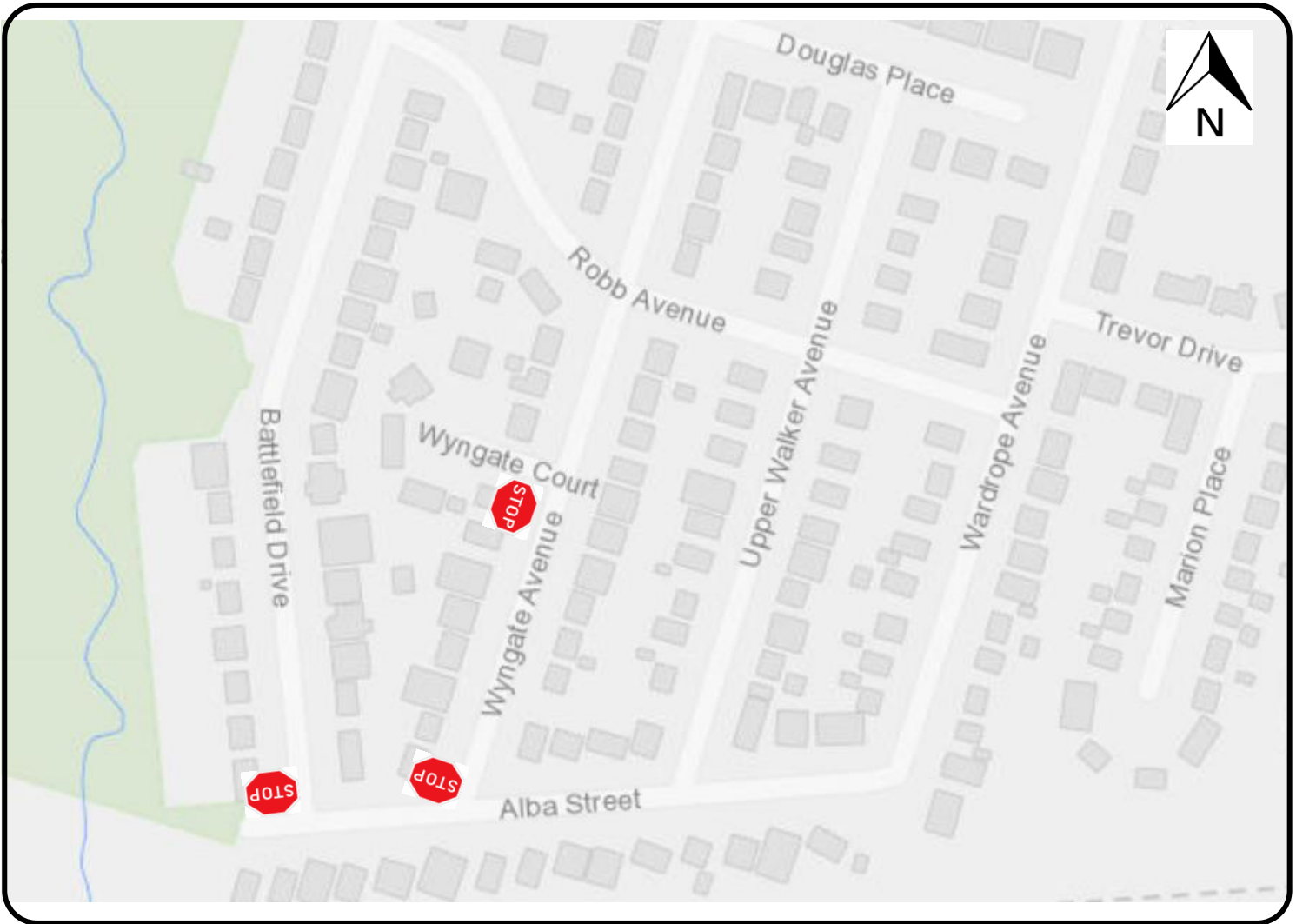
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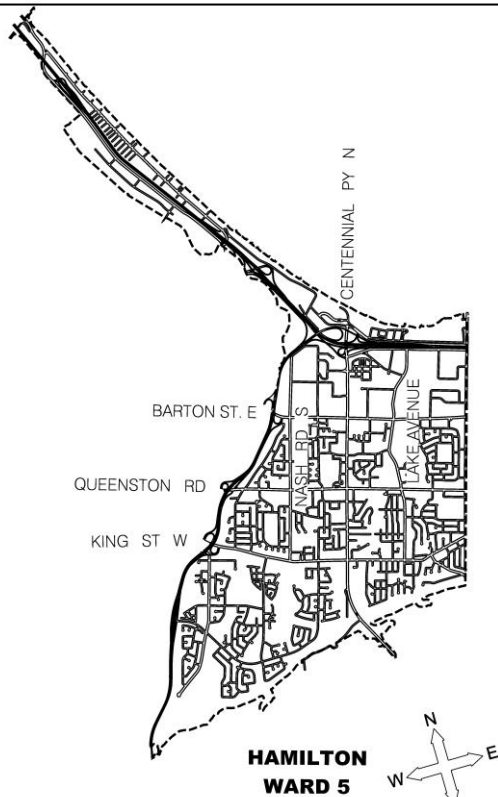
NOT TO SCALE

DATE

September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Wyngate Court at Wyngate Avenue,
Wyngate Avenue at Alba Street,
Battlefield Drive at Alba Street**

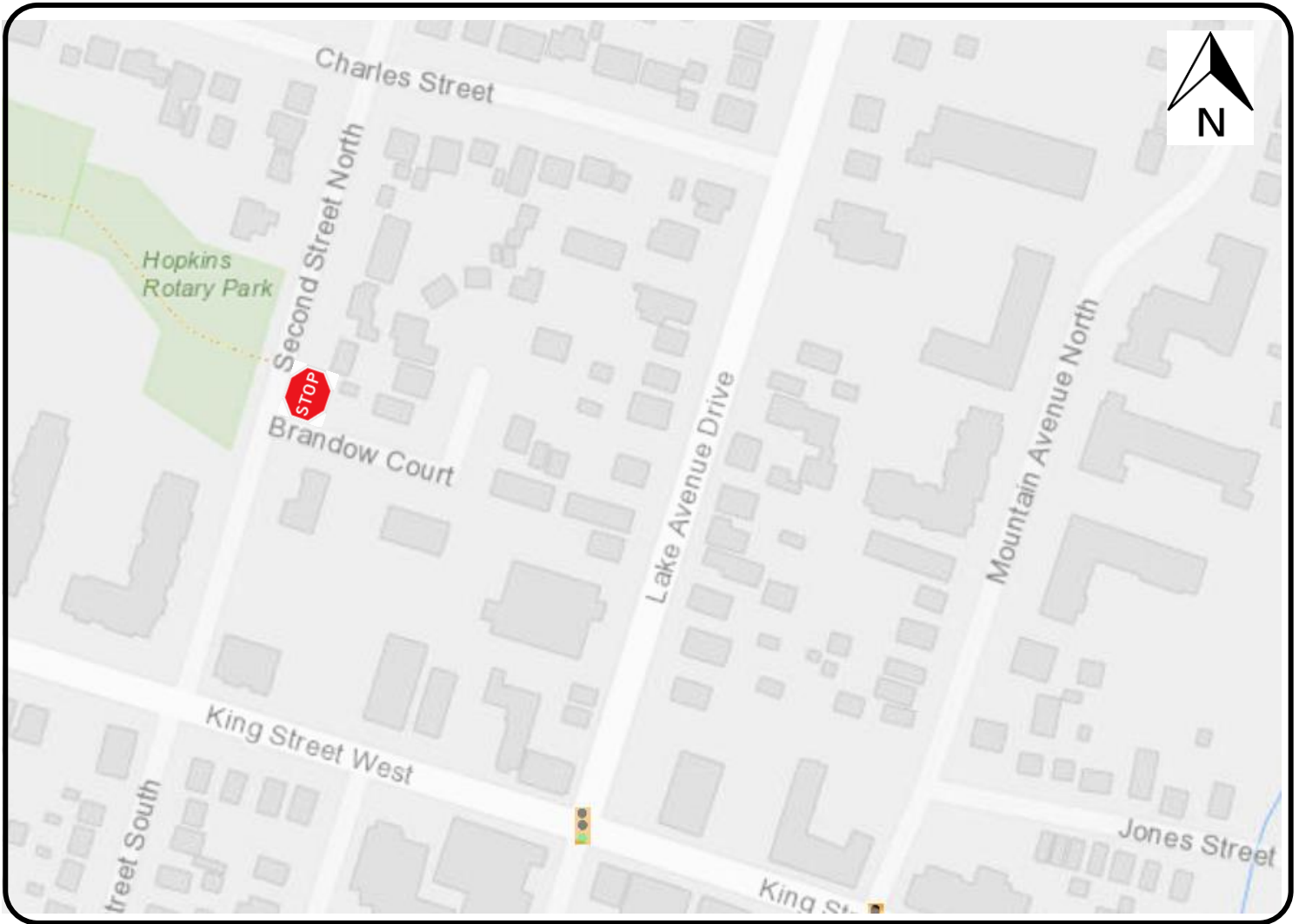
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

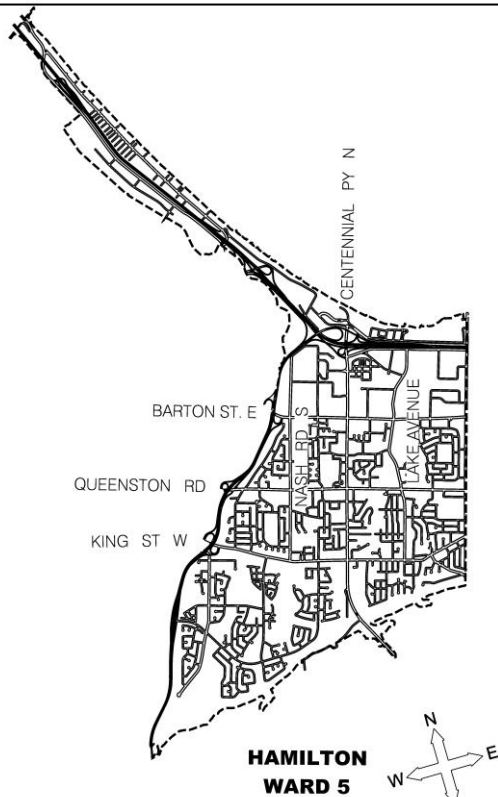
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Brandow Court at Second Street North

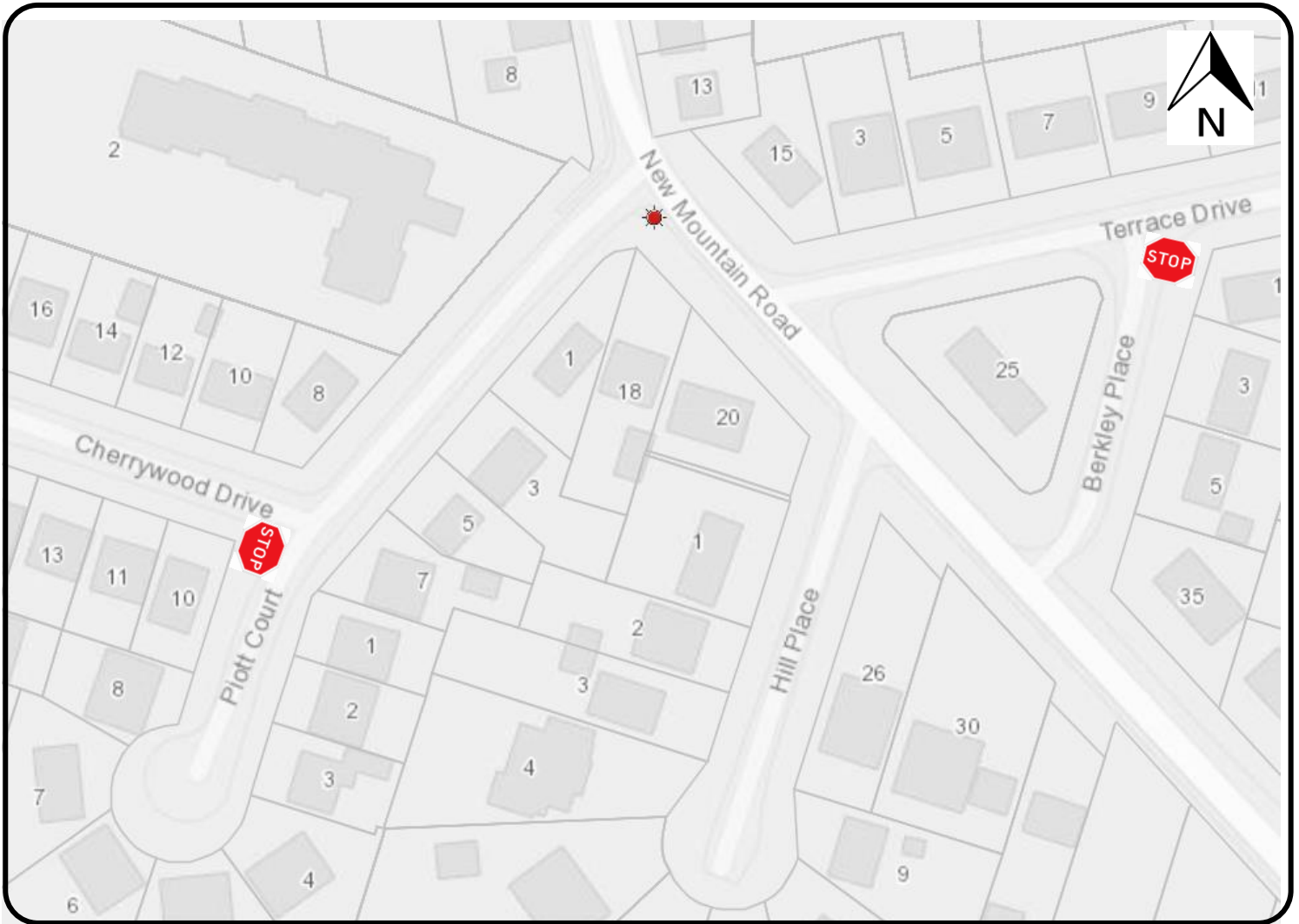
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

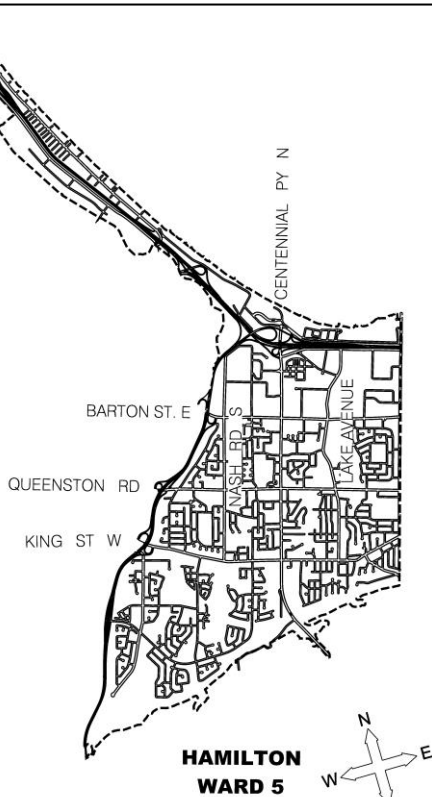
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Cherrywood Drive at Piott Court,
Berkley Place at Terrace Drive**

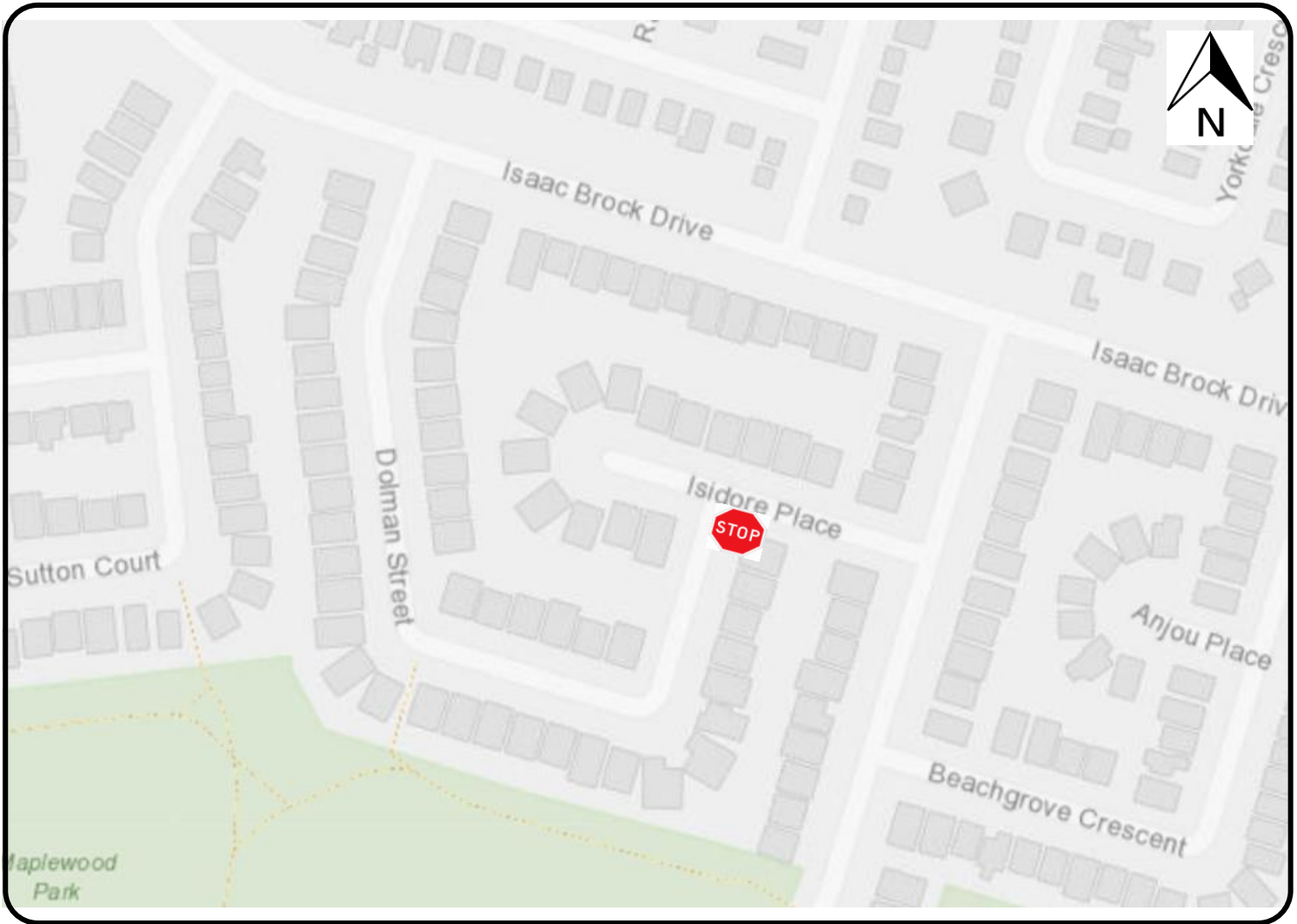
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

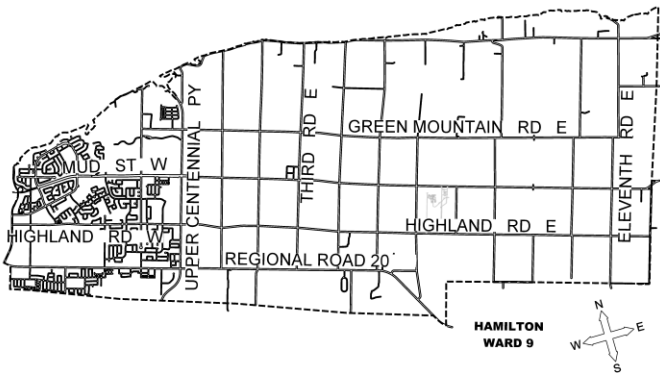
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Dolman Street at Isidore Place

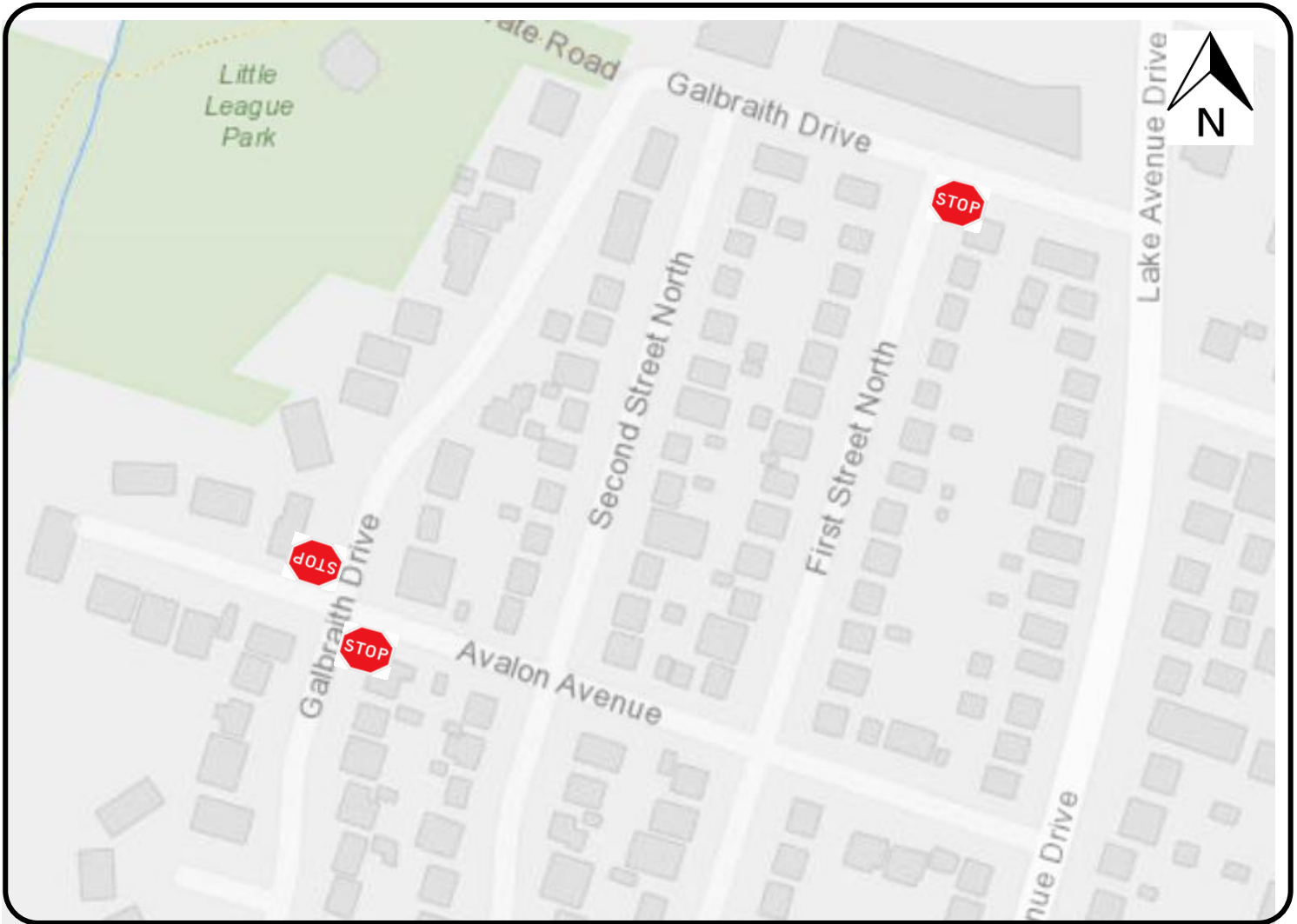
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PUBLIC WORKS DEPARTMENT

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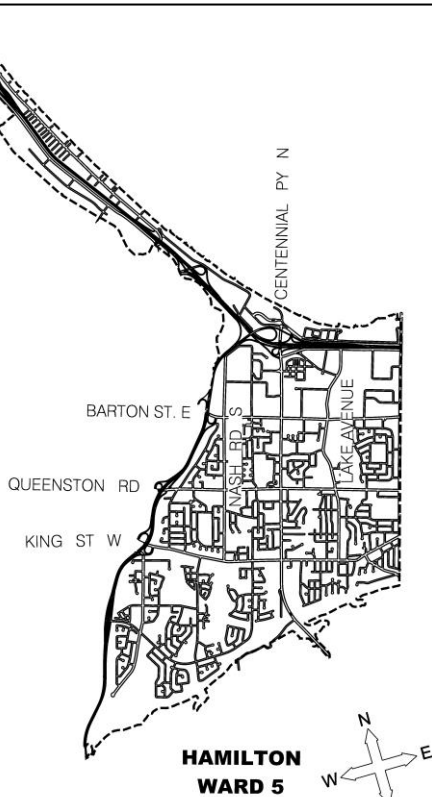
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**First Street North at Galbraith Drive,
Galbraith Drive at Avalon Avenue**

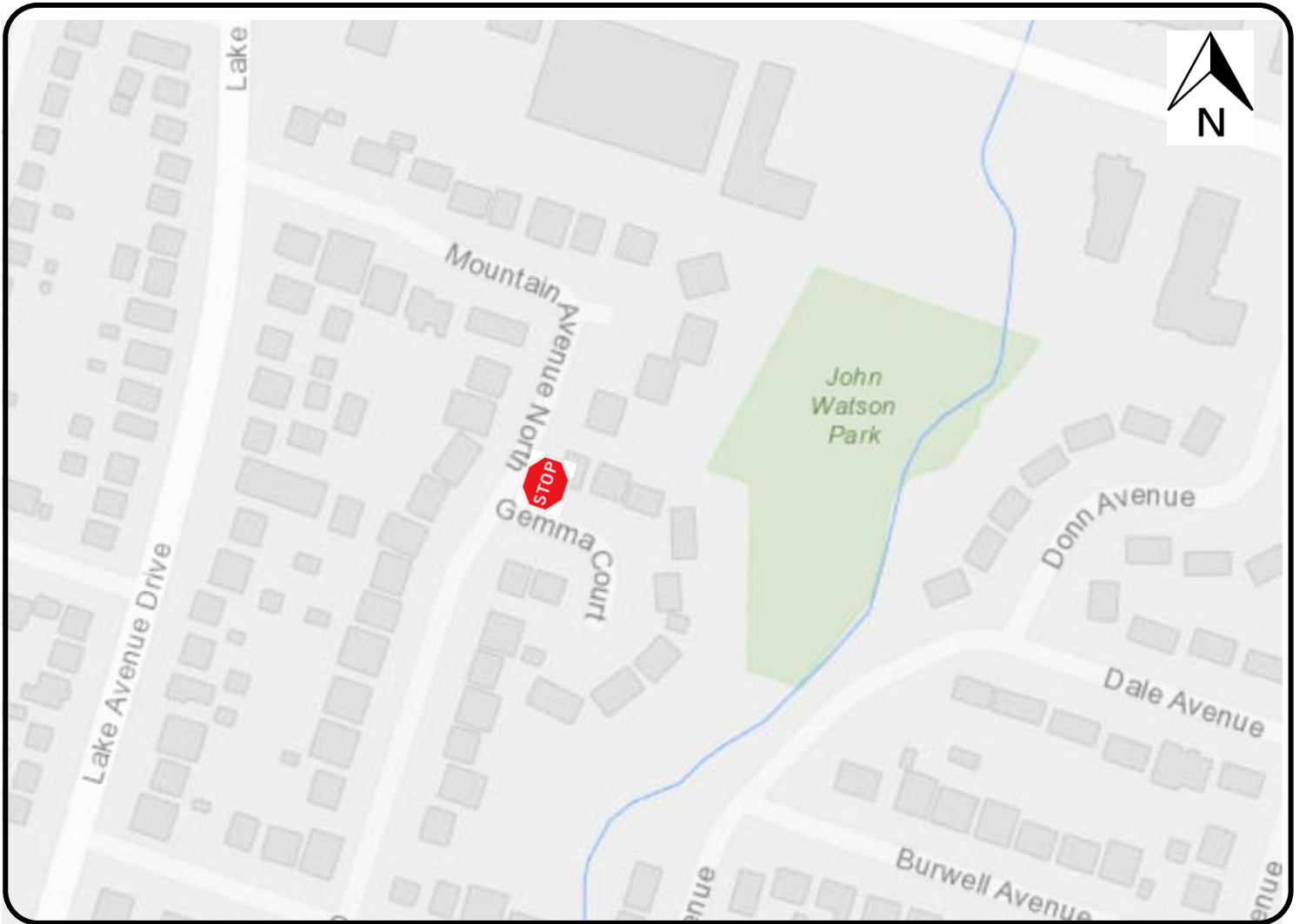
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

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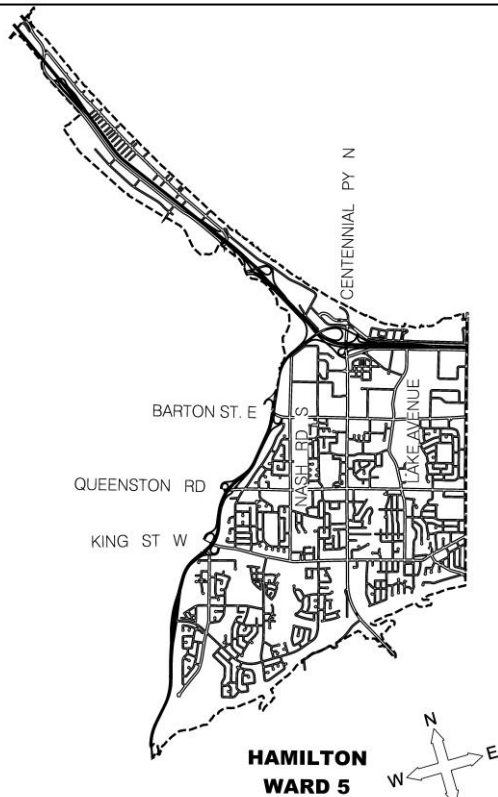
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Gemma Court at Mountain Avenue North

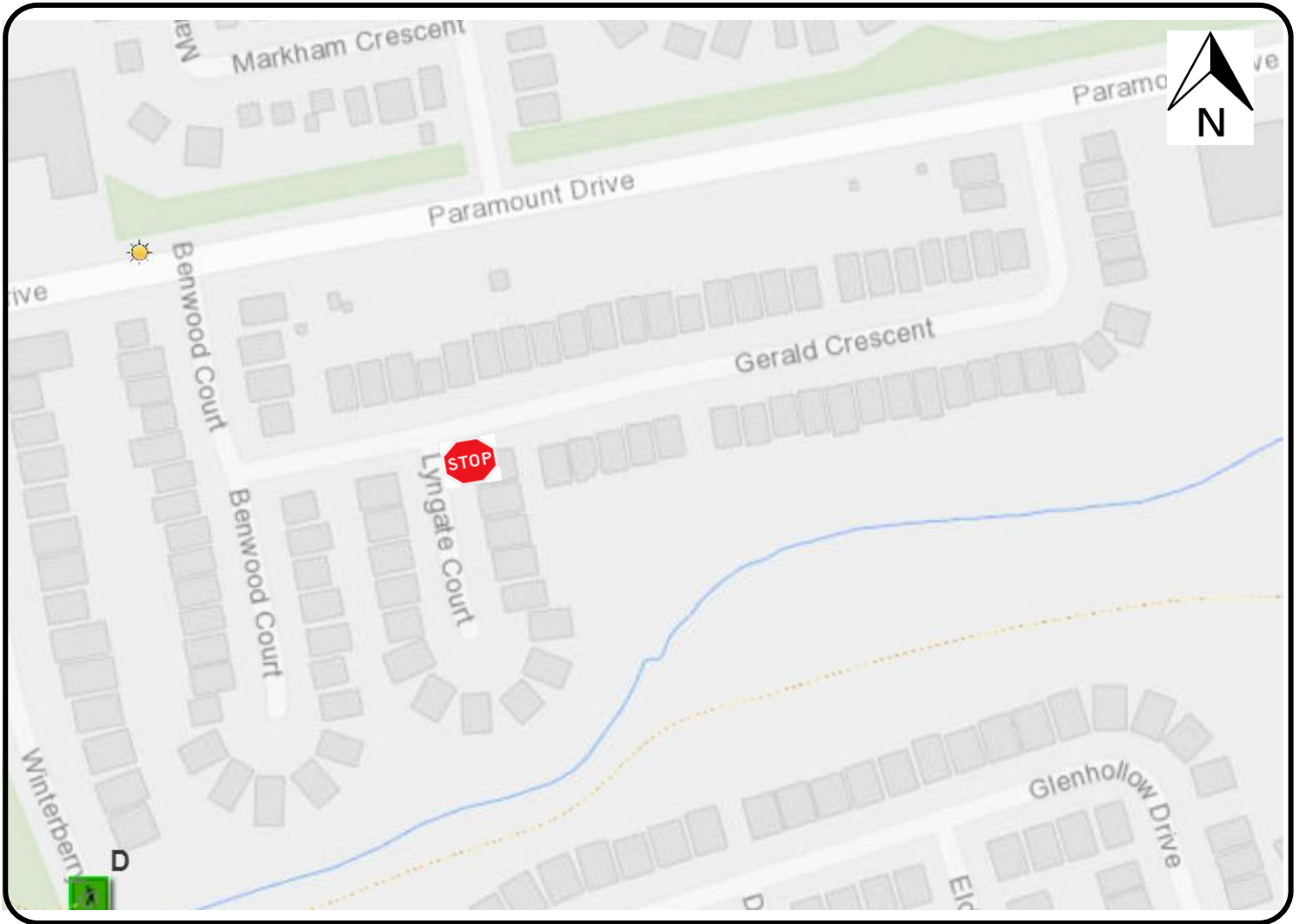
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

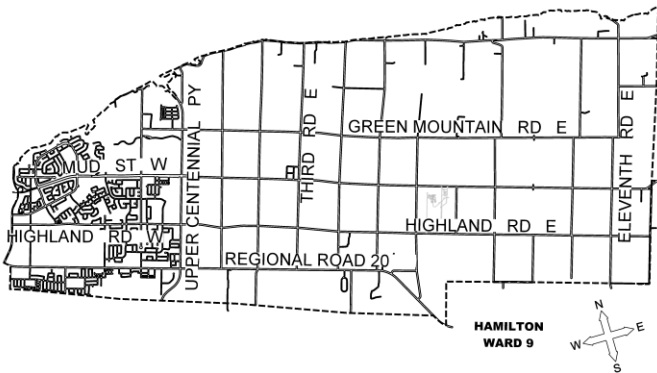
 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

Lyngate Court at Gerald Crescent

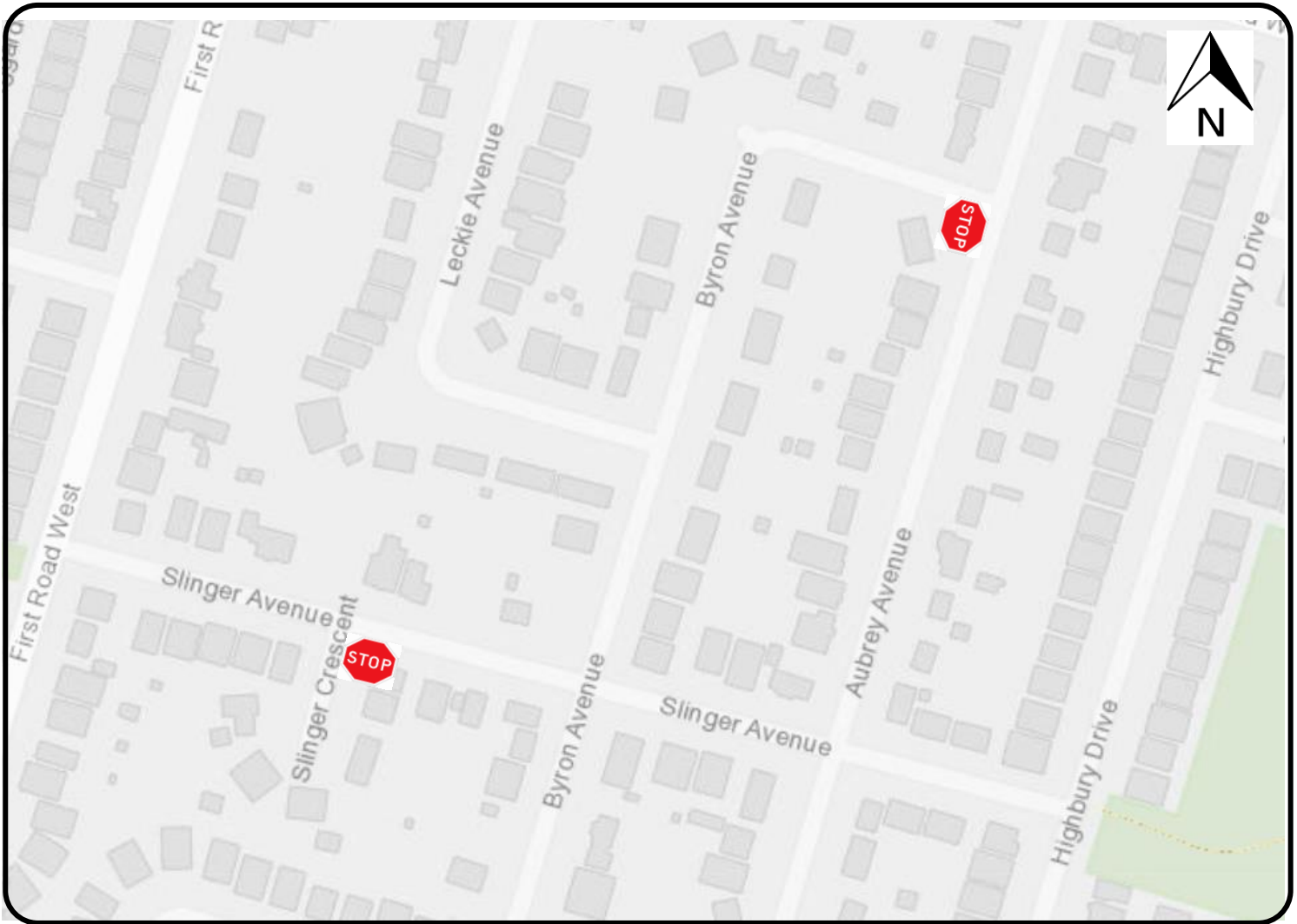
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

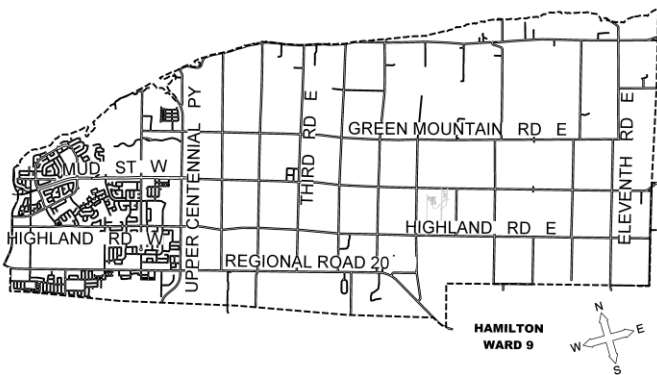
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Slinger Crescent at Slinger Avenue,
Byron Avenue at Aubrey Avenue**

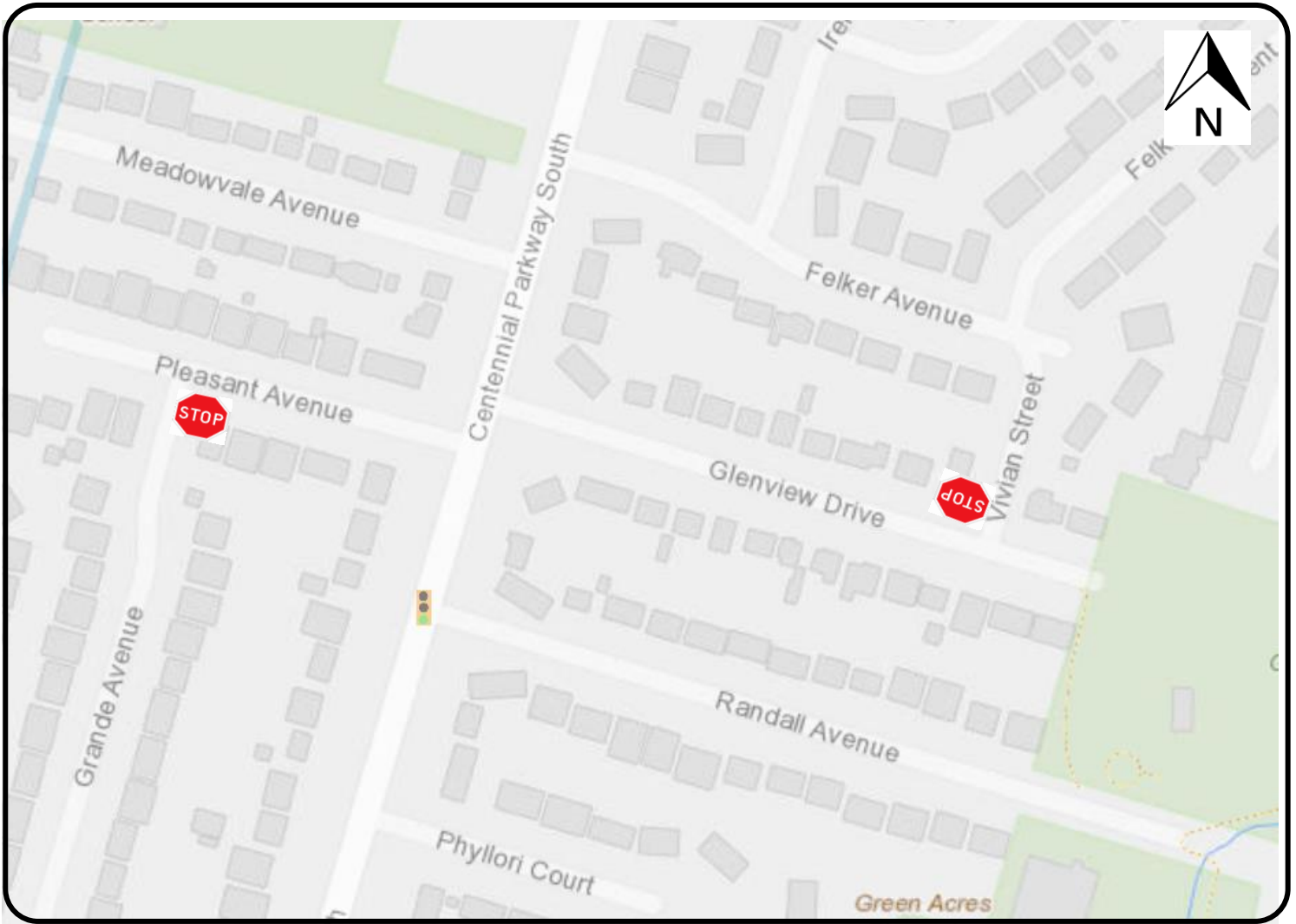
Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

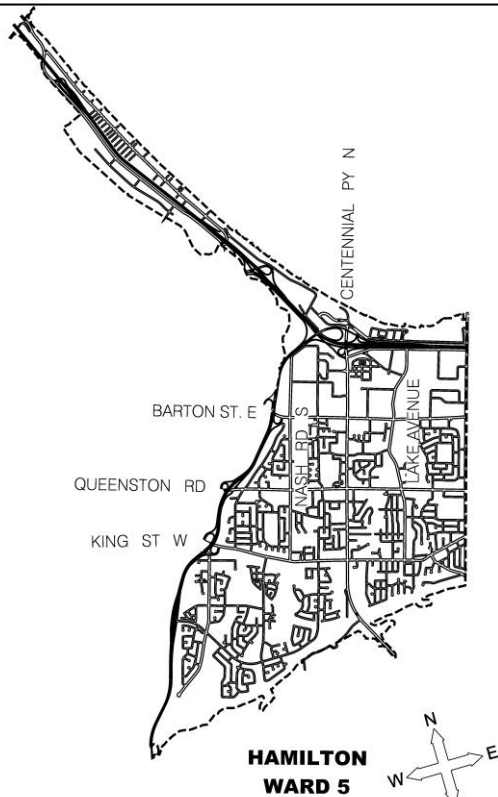
 **PROPOSED STOP**

SCALE
NOT TO SCALE

DATE
September 10, 2021



KEY MAP



LOCATION PLAN

PROPOSED STOP CONTROL:

**Vivian Street at Glenview Drive,
Grande Avenue at Pleasant Avenue**

Transportation Operations & Maintenance
PUBLIC WORKS DEPARTMENT

LEGEND

 PROPOSED STOP

SCALE
NOT TO SCALE

DATE
September 10, 2021

Authority: Item #, Public Works Committee
Report 21-012 (PW21001(d))
Date: September 10, 2021
Ward: 1, 2, 3, 4, 5, 6, 7, 8, 9,
10, 12, 13, 14, 15

Bill No.

CITY OF HAMILTON

BY-LAW NO. 21-

**To Amend By-law No. 01-215
Being a By-law To Regulate Traffic**

WHEREAS sections 8, 9 and 10 of the Municipal Act, 2001, S.O. 2001, c. 25, authorize the City of Hamilton to pass by-laws as necessary or desirable for the public and municipal purposes, and in particular paragraphs 4 through 8 of subsection 10(2) authorize by-laws respecting: assets of the municipality, the economic, social and environmental well-being of the municipality; health, safety and well-being of persons; the provision of any service or thing that it considers necessary or desirable for the public; and the protection of persons and property;

AND WHEREAS on the 18th day of September, 2001, the Council of the City of Hamilton enacted By-law No. 01-215 to regulate traffic;

AND WHEREAS it is necessary to amend By-law No. 01-215.

NOW THEREFORE the Council of the City of Hamilton enacts as follows:

1. Schedule 4 (Yield Control) of By-law No. 01-215, as amended, is hereby further amended by removing from Section "A" (Ancaster) thereof the following item, namely;

Haig Road	Eastbound	Bailey Ave
Haig Road	Westbound	Massey Drive
Alexander Road	Westbound	Massey Drive
Mewburn Road	Northbound	Alexander Road

And by adding to Section "A" (Ancaster) thereof the following items, namely;

Sawmill Road	Eastbound	Carluke Road West
--------------	-----------	-------------------

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

And by removing from Section “E” (Hamilton) thereof the following items, namely:

Osgoode Court	Southbound	Presidio Drive
---------------	------------	----------------

And by removing from Section “F” (Stoney Creek) thereof the following items, namely;

Ada Court	Westbound	Ainsworth Street
Lyngate Court	Northbound	Gerald Crescent
Dolman Street	Northbound	Isidore Place
Slinger Crescent	Northbound	Slinger Avenue
Byron Avenue	Eastbound	Aubrey Avenue
Vanderwood Court	Southbound	Teak Street
Lindsay Court	Northbound	Oakridge Drive
Southmeadow Crescent	Southbound	Pine Drive
Southmeadow Court	Southbound	Maple Drive
Pecan Court	Southbound	Salina Place
Seville Court	Northbound	Midway Street
Vega Crescent	Eastbound	Morello Place
Greening Avenue	Eastbound	Juniper Drive
Eastbury Drive (east intersection)	Northbound	Basswood Court
Glenholme Avenue	Westbound	Bel-Air Avenue
Cherrywood Drive	Eastbound	Piott Court
Berkley Place	Northbound	Terrace Drive
Gemma Court	Westbound	Mountain Avenue North
First Street North	Northbound	Galbraith Drive

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

Page 3 of 15

Galbraith Drive	Northbound/Southbound	Avalon Avenue
Brandow Court	Westbound	Second Street North
Grande Avenue	Northbound	Pleasant Avenue
Grande Avenue	Southbound	Orlanda Road
Alpine Avenue	Southbound	Orlanda Road

2. Schedule 5 (Stop Control) of By-law No. 01-215, as amended, is hereby further amended by adding to Section "A" (Ancaster) thereof the following item, namely;

Briar Hill Crescent	Westbound	Broad Leaf Crescent
Stonegate Drive	Southbound	Briar Hill Crescent
Deervalley Road	Westbound	Green Ravine Drive
Briar Hill Crescent	Southbound/Northbound	Broad Leaf Crescent
Cottonwood Court	Southbound	Highvalley Road
Longfield Crescent	Northbound	Broad Leaf Crescent
Marigold Court	Westbound	Longfield Crescent
Briar Hill Crescent	Southbound	Longfield Crescent
Bailey Ave	Northbound	Haig Road
Haig Road	Westbound	Massey Drive
Alexander Road	Westbound	Massey Drive
Mewburn Road	Northbound	Alexander Road
Hatton Drive	Northbound	Enmore Avenue

And by adding to Section "B" (Dundas) thereof the following items, namely;

Knollwood Court	Northbound	Ridgewood Boulevard
Zeldin Place	Southbound	Ridgewood Boulevard

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

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Elizabeth Court	Southbound	Highland Park Drive
Ivy Court	Southbound	Ann Street
Queen Street	Southbound	Victoria Street
Vilma Avenue	Eastbound	Shirley Street
Vilma Avenue	Westbound	David Street
Rita Street	Southbound	Vilma Avenue
Rita Street	Northbound	Bertram Drive
Shirley Street	Northbound	Bertram Drive
Bertram Drive	Westbound	David Street
Barrie Street	Northbound	Bertram Drive
Adelaide Avenue	Westbound	Desjardin Avenue
Normandy Place	Southbound	Bertram Drive
Hilltop Place	Eastbound	Edenbridge Court
Glen Court	Southbound	Pleasant Avenue
Valleyview Court	Southbound	Pleasant Avenue
Applewood Court	Southbound	Pleasant Avenue
Monarch Court	Eastbound	Kings Gate
Rhodes Court	Northbound	Turnbull Road
Whitfield Court	Southbound	Turnbull Road
Four Winds Place	Southbound	Autumn Leaf Road
Crystal Court	Southbound	Autumn Leaf Road
Moonglow Place	Westbound	Sunrise Crescent
Maid Marion Street	Northbound	Sherwood Rise
Maid Marion Street	Southbound	Robinhood Drive

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

Page 5 of 15

Ancaster Street East	Eastbound	East Street South
Soble Place	Southbound	Golfview Crescent
Linda Court	Southbound	Marion Crescent
Janis Court	Southbound	Marion Crescent
Yorkview Place	Southbound	Cammay Avenue

And by adding to Section "C" (Flamborough) thereof the following items, namely;

Agro Street	Northbound	Skinner Road
Mountain Heights Place	Westbound	Agro Street
Great Falls Boulevard	Westbound	Agro Street
Great Falls Boulevard	Northbound	Skinner Road
McDonough Gardens	Eastbound	Agro Street
Westfield Crescent (north intersection)	Westbound	Agro Street
Westfield Crescent (south intersection)	Westbound	Agro Street
Avanti Crescent	Eastbound	Agro Street
Kenesky Drive	Westbound	Agro Street
Kenesky Drive	Eastbound/Westbound	Burke Street
Kenesky Drive	Eastbound	Ebenezer Drive
Granite Ridge Trail	Northbound	Kenesky Drive
Granite Ridge Trail	Eastbound/Westbound	Ebenezer Drive
Granite Ridge Trail	Northbound/Southbound	Great Falls Boulevard
Ebenezer Drive	Southbound	Great Falls Boulevard
Ebenezer Drive	Northbound	Skinner Road
Sealey Avenue	Northbound	Granite Ridge Trail

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

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Sealey Avenue	Northbound/Southbound	Great Falls Boulevard
Sealey Avenue	Southbound	Elstone Place
Frontier Trail	Northbound	Great Falls Boulevard
Edworthy Gardens	Northbound	Great Falls Boulevard
Edworthy Gardens	Southbound	Elstone Place
Elstone Place	Westbound	Frontier Trail
Zimmerman Gardens	Northbound	Great Falls Boulevard
Zimmerman Gardens	Southbound	Elstone Place
Trailbank Gardens	Northbound	Skinner Road
Trailbank Gardens	Southbound	Great Falls Boulevard
Hager Creek Terrace	Westbound	Trailbank Gardens
Hager Creek Terrace	Eastbound	Great Falls Boulevard
Silver Meadow Gardens	Westbound	Trailbank Gardens
Silver Meadow Gardens	Northbound	Hager Creek Terrace
Cattail Crescent (west intersection)	Northbound	Great Falls Boulevard
Cattail Crescent (east intersection)	Northbound	Great Falls Boulevard
Valley Trail Place	Westbound	Mallard Trail
Humphrey Street	Westbound	Mallard Trail
Humphrey Street	Southbound	Skinner Road
Grierson Trail	Northbound	Humphrey Street
Grierson Trail	Southbound	Skinner Road
Holcomb Terrace	Westbound	Humphrey Street
Holcomb Terrace	Southbound	Skinner Road
Pond View Gate	Northbound	Skinner Road

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

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Pond View Gate	Westbound	Smokey Hollow Place
Smokey Hollow Place	Eastbound	Pond View Gate
Gardenbrook Trail	Westbound	Pond View Gate
Gardenbrook Trail	Northbound	Skinner Road

And by adding to Section "E" (Hamilton) thereof the following items, namely;

Aylett Street	Northbound	Mapes Avenue
Bartlett Avenue	Northbound	Allison Crescent
Angelina Place	Northbound	Regent Avenue
Ottaviano Drive	Eastbound	McIntosh Avenue
Vista Court	Eastbound	Horizon Crescent
Harvard Place	Eastbound	Falkirk Drive
Bordeaux Court	Eastbound	Republic Avenue
Montebello Court	Northbound	Bastille Street
Anita Court	Eastbound	Acadia Drive
Osgoode Court	Southbound	Presidio Drive
Nina Court	Southbound	Ironwood Crescent
Villa Court	Northbound	Anna Capri Drive
Tuna Court	Eastbound	Tunbridge Crescent
Elodia Court	Northbound	Susan Drive
Glebe Court	Eastbound	Gillard Street
Gillard Street	Southbound	Gardiner Drive
Elsa Court	Northbound	Greendale Drive
Piper Place	Northbound	Fiona Crescent
Fontana Court	Eastbound	Springvalley Crescent

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

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Saint Anthony Place	Northbound	Springvalley Crescent
Eric Burke Court	Westbound	Theodore Drive
Northstar Court	Southbound	Milky Way Drive
Morningstar Court	Southbound	Milky Way Drive
Hugo Court	Southbound	Darlington Drive
Valery Court	Eastbound	Bonaventure Drive
Waldorf Court	Southbound	Parkwood Crescent
Fontainbleu Court	Southbound	Parkwood Crescent
Bogart Court	Eastbound	Billington Crescent
Boon Court	Eastbound	Billington Crescent
Rapallo Drive	Southbound	Anson Avenue
Rapallo Drive	Northbound	Gatineau Drive
Weston Court	Southbound	Anson Avenue
Lamb Court	Northbound	Larch Street
Mansion Court	Southbound	Locheed Drive
Ranko Court	Eastbound	Artistic Boulevard
Bosna Court	Southbound	Summerlea Drive
Bethany Court	Westbound	Balfour Drive
Gleneagles Drive	Northbound	Auchmar Road
Gleneagles Drive	Southbound	Braemar Place
Andrew Court	Westbound	Hoover Crescent
Wingate Place	Westbound	Warren Avenue
Camille Court	Westbound	Grenadier Drive
Marvin Court	Westbound	Grenadier Drive

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

Page 9 of 15

Barnett Court	Westbound	Grenadier Drive
Symon Place	Eastbound	Hardale Crescent
Ferrara Street	Southbound	Wise Crescent
Elva Court	Eastbound	King's Forest Drive
Sandra Court	Eastbound	King's Forest Drive
Tilbury Court	Eastbound	King's Forest Drive
Filer Court	Eastbound	King's Forest Drive
Cecilia Court	Eastbound	King's Forest Drive
Burns Place	Eastbound	East 38 th Street
Patricia Place	Eastbound	East 38 th Street
Donlea Drive	Southbound	Valecrest Avenue
Valecrest Avenue	Eastbound	Elmhurst Drive
Henry Street	Westbound	New Street
Edison Street	Westbound	New Street
Roseland Avenue	Westbound	Blake Street
Troy Avenue	Westbound	Tate Avenue
Troy Avenue	Eastbound	Dunn Avenue
Admiral Place	Westbound	MacLaren Avenue
Keats Road	Northbound	Gainsborough Road
Keats Road	Southbound	Old Orchard Drive
Kelvin Court	Northbound	Old Orchard Drive
Scott Street	Northbound	Gainsborough Road
Blueberry Drive	Eastbound	Strawberry Drive
Fairholme Court	Northbound	Highridge Avenue

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

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Talia Court	Northbound	Janet Court
Duchess Court	Westbound	Oakland Drive
Kings Court	Westbound	Oakland Drive
Queens Court	Westbound	Oakland Drive
Lady Court	Eastbound	Kenora Avenue
Lord Court	Eastbound	Kenora Avenue
Hart Place	Eastbound	Crawford Drive
Redwood Court	Eastbound	Woodman Drive North
Sandlyn Court	Eastbound	Nugent Drive
Capilano Drive	Westbound	Country Club Drive
Alto Drive	Southbound	Country Club Drive
Rio Court	Eastbound	Alto Drive
Renis Court	Northbound	Sherry Lane Drive
Zell Court	Northbound	Sherry Lane Drive
Sherry Lane Drive	Eastbound	Hildegard Drive
Venus Court	Westbound	Hildegard Drive
Monte Court	Eastbound	Monte Drive
Tracey Place	Eastbound	Blanche Court
Burbank Place	Northbound	Carene Avenue
Bryant Court	Southbound	Robroy Avenue
Laura Court	Eastbound	Woodman Drive South
Colonial Court	Northbound	Rainbow Drive
Isaac Court	Northbound	Rainbow Drive
Birkdale Place	Eastbound	Montmorency Drive

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

Page 11 of 15

Marantha Place	Southbound	Montmorency Drive
Renner Court	Northbound	Brookstream Court
Forest Hill Crescent	Eastbound	Glen Vista Drive
Peace Court	Westbound	Forest Hill Crescent
Glen Castle Drive	Northbound	Forest Hill Crescent
Glenmurray Court	Westbound	Glen Castle Drive
Glencannon Drive	Westbound	Glen Castle Drive
Glendora Court	Eastbound	Glen Forest Drive
Palmerston Place	Northbound	St. Andrews Drive
Sunbrite Court	Eastbound	Glen Park Court
Jennifer Court	Westbound	St. Andrews Drive
Chardonnay Street	Southbound	Webster Road
Cherryridge Close	Northbound	Cherryridge Close
Calvert Avenue	Westbound	Garland Place
Cavalier Court	Southbound	Nugent Drive
Hounslow Court	Southbound	Kentley Drive
Ilford Court	Southbound	Kentley Drive
Jason Court	Eastbound	Prins Avenue
Dorset Place	Northbound	Edgevale Road
Dungannon Place	Northbound	Monteagle Court
Windstar Place	Westbound	Gilcrest Street
Argon Court	Westbound	Glenhaven Drive
Lantana Court	Southbound	Cranbrook Drive
Sonesto Court	Northbound	Trevi Road

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

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Mirella Court	Westbound	Christopher Drive
Seagram Place	Southbound	Nova Drive
Lambert Street	Southbound	Lesterwood Street
Lambert Street	Northbound	Bellingham Drive
Lisa Court	Eastbound	Lawnhurst Drive
Irving Place	Southbound	Mulock Avenue
Irving Place	Northbound	Sunning Hill Avenue
Mulock Avenue	Westbound	Rendell Boulevard
Green Meadow Road	Northbound	Sunning Hill Avenue
Nancy Street	Northbound	Sunning Hill Avenue
Quinlan Court	Southbound	Quaker Crescent
Raleigh Court	Northbound	Raleigh Street
Galloway Court	Westbound	Golden Orchard Drive
Granby Court	Northbound	Golden Orchard Drive
Bixby Crescent	Northbound	Bowden Street
Starling Drive	Northbound	Bobolink Road
Starling Drive	Westbound	Hummingbird Lane
Dalewood Avenue	Northbound/Southbound	Arnold Street
Longwood Road North	Northbound/Southbound	Franklin Avenue
Longwood Road North	Northbound/Southbound	Glen Road
Paradise Road North	Northbound/Southbound	Glen Road
Rexford Drive	Eastbound/Westbound	Rosewell Street
Sanders Boulevard	Eastbound/Westbound	Cottrill Street/Binkley Crescent
Sanders Boulevard	Eastbound/Westbound	Hollywood Street

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

Page 13 of 15

North/Binkley Crescent

Eric Burke Court	Westbound	Theodore Drive
Beach Road	Eastbound/Westbound	Birmingham Street
Wellington Street South	Northbound/Southbound	Hunter Street East

And by adding to Section "F" (Stoney Creek) thereof the following items, namely;

Calvert Avenue	Eastbound	Alpine Avenue
Kingswood Drive	Northbound	Ashwood Court
Vivian Street	Southbound	Glenview Drive
Burwell Avenue	Eastbound	Canterbury Avenue
Canterbury Avenue	Northbound	Dale Avenue
Wyngate Court	Eastbound	Wyngate Avenue
Wyngate Avenue	Southbound	Alba Street
Battlefield Drive	Southbound	Alba Street
Lakeside Drive	Eastbound	Jones Road
James Place	Northbound	James Avenue
Faircourt Place	Southbound	Faircourt Drive
Ada Court	Westbound	Ainsworth Street
Lyngate Court	Northbound	Gerald Crescent
Dolman Street	Northbound	Isidore Place
Slinger Crescent	Northbound	Slinger Avenue
Byron Avenue	Eastbound	Aubrey Avenue
Redwood Court	Southbound	Teak Street
Vanderwood Court	Southbound	Teak Street
Lindsay Court	Northbound	Oakridge Drive

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

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Southmeadow Crescent	Southbound	Pine Drive
Southmeadow Court	Southbound	Maple Drive
Pecan Court	Southbound	Salina Place
Seville Court	Northbound	Midway Street
Vega Crescent	Eastbound	Morello Place
Greening Avenue	Eastbound	Juniper Drive
Eastbury Drive	Northbound	Basswood Court
Glenholme Avenue	Westbound	Bel-Air Avenue
Helena Avenue	Westbound	Rosepark Avenue
Cherrywood Drive	Eastbound	Piott Court
Berkley Place	Northbound	Terrace Drive
Gemma Court	Westbound	Mountain Avenue North
First Street North	Northbound	Galbraith Drive
Galbraith Drive	Northbound/Southbound	Avalon Avenue
Brandow Court	Westbound	Second Street North
Grande Avenue	Northbound	Pleasant Avenue
Grande Avenue	Southbound	Orlanda Road
Alpine Avenue	Southbound	Orlanda Road
Bayonne Drive	Westbound	Picardy Drive
Talence Drive	Westbound	Picardy Drive
Chaumont Drive	Northbound	Lormont Boulevard

3. Subject to the amendments made in this By-law, in all other respects, By-law No. 01-215, including all Schedules thereto, as amended, is hereby confirmed unchanged.

To Amend By-law No. 01-215
Being a By-law to Regulate Traffic

4. This By-law shall come into force and take effect on the date of its passing and enactment.

PASSED this 15th day of September, 2021.

F. Eisenberger
Mayor

A. Holland
City Clerk

11.1

CITY OF HAMILTON

MOTION

Public Works Committee: September 10, 2021

MOVED BY COUNCILLOR S. MERULLA.....

SECONDED BY COUNCILLOR

Roxborough Avenue Planters (Ward 4)

WHEREAS, the Roxborough Avenue ball hockey rink is an asset to the Crown Point East neighborhood;

WHEREAS, the installation of floral planters to replace the existing knock-down bollards will provide attractive and effective control from vehicles from entering the ball hockey area and illegally parking; and,

WHEREAS, there is currently no funding in the Horticulture Section for the proposed enhancement;

THEREFORE, BE IT RESOLVED:

- (a) That staff be directed to purchase and install 12 floral planters at a capital cost of \$7,200 to be funded from the Ward 4 Special Capital Re-Investment Discretionary Fund (3301909400);
- (b) That \$3,300 for the annual planting and maintenance of the planters be added to the Environmental Services Division’s 2022 annual base operating budget; and,
- (c) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents for the purchase, installation and maintenance of the planters on Roxborough Avenue with such terms and conditions in a form satisfactory to the City Solicitor.

11.2

CITY OF HAMILTON

MOTION

Public Works Committee: September 10, 2021

MOVED BY COUNCILLOR J.P. DANKO.....

SECONDED BY COUNCILLOR

Ward 8 Park Pathway Improvements

WHEREAS, Allison Park is located at 51 Piano Drive, Hamilton;

WHEREAS, Bruce Park is located at 145 Brucedale Avenue East, Hamilton;

WHEREAS, Captain Cornelius Park is located at 150 Mountbatten Drive, Hamilton;

WHEREAS, the park pathways offer a valuable active transportation link to pedestrians and bike users in Ward 8 and beyond; and,

WHEREAS, portions of the asphalt pathways at Allison Park, Bruce Park and Captain Cornelius Park, Hamilton have degraded and require repairs;

THEREFORE, BE IT RESOLVED:

- (a) That \$91,000 of funding be allocated from the Ward 8 Special Capital Re-Investment Reserve Fund (#108058), to support the disposal and replacement of portions of asphalt pathways at Allison Park, Bruce Park and Captain Cornelius Park, Hamilton, be approved; and,
- (b) That the General Manager of Public Works be authorized and directed to approve and execute any and all required agreements and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

11.3

CITY OF HAMILTON

MOTION

Public Works Committee: September 10, 2021

MOVED BY COUNCILLOR J.P. DANKO.....

SECONDED BY COUNCILLOR

Upper James Street Floral Planters (Ward 8)

WHEREAS, the report Making Upper James More Pedestrian Friendly, (PW20010/PED20077), approved at the June 24, 2020 Council meeting, recommended several pedestrian related improvements to Upper James Street;

WHEREAS, recommendation (b) of PW20010/PED20077 directs staff to install floral planters in sections of Upper James Street, north of Fennel Avenue; and,

WHEREAS, there is currently no funding in the Horticulture Section for the proposed enhancement;

THEREFORE, BE IT RESOLVED:

- (a) That the supply and install of a maximum of 32 floral planters at a capital cost of \$16,000 be funded from the Ward 8 Special Capital Re-Investment Discretionary Fund (#3301909800);
- (b) That \$6,400 for the annual planting and maintenance of the planters be added to the Environmental Services Division’s 2022 annual base operating budget; and,
- (c) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents for the purchase, installation and maintenance of the floral planters on Upper James Street, with such terms and conditions in a form satisfactory to the City Solicitor.