



**City of Hamilton**  
**PUBLIC WORKS COMMITTEE**

**Meeting #:** 18-005  
**Date:** April 16, 2018  
**Time:** 9:30 a.m.  
**Location:** Council Chambers, Hamilton City Hall  
71 Main Street West

Lauri Leduc, Legislative Coordinator (905) 546-2424 ext. 4102

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	<b>Pages</b>
<b>1. APPROVAL OF AGENDA</b>	
(Added Items, if applicable, will be noted with *)	
<b>2. DECLARATIONS OF INTEREST</b>	
<b>3. APPROVAL OF MINUTES OF PREVIOUS MEETING</b>	
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<b>4. DELEGATION REQUESTS</b>	
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| 5.5 | Small Equipment Manufacturer's Standardization Renewal (PW18028)<br>(City Wide)  | 32 |
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## 6. PUBLIC HEARINGS / DELEGATIONS

- |     |  |    |
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| 6.1 | Kevin Gonchi, The Golden Horseshoe Track and Field council, respecting an Update on the Mohawk Sports Park renewal project from a community user group perspective (no copy) |    |
| 6.2 | Proposed Permanent Closure and Sale of a Portion of Public Assumed Alley Abutting 60 King William Street, Hamilton (PW18032) (Ward 2)  | 43 |

## 7. STAFF PRESENTATIONS

## 8. DISCUSSION ITEMS

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| 8.1 | 2018 Conventional Bus Replacement (PW18029) (City Wide)              | 50 |
| 8.2 | Road Resurfacing works due to Winter Damage (PW18020(a)) (City Wide) | 55 |

## 9. MOTIONS

- |     |  |    |
|-----|--|----|
| 9.1 | Sidewalk and Mountable Curb Repairs (Ward 5) | 65 |
|-----|--|----|

## 10. NOTICES OF MOTION

## 11. GENERAL INFORMATION / OTHER BUSINESS

- |      |   |
|------|---|
| 11.1 | Update from the General Manager of Public Works respecting Items/Matters of Interest to the Committee |
|------|---|

- |      |  |
|------|--|
| 11.2 | Changes to the Outstanding Business List |
|------|--|

- |        |                                   |
|--------|-----------------------------------|
| 11.2.a | Item requiring a revised due date |
|--------|-----------------------------------|

- |          |   |
|----------|---|
| 11.2.a.a | Review and Update Option 4 - Strategic Renewal and New Construction Strategy (every five years) |
|----------|---|

Current Date: April 16, 2018

New Date: June 18, 2018

11.2.b Item considered complete and to be removed

11.2.b.a Resource Recovery and Circular Economy Act

Dealt with in Report PW16059(c) approved by  
Committee on February 22, 2018

12. PRIVATE AND CONFIDENTIAL

13. ADJOURNMENT



## PUBLIC WORKS COMMITTEE

### MINUTES 18-004

9:30 a.m.

Monday, March 19, 2018

Council Chambers

Hamilton City Hall

71 Main Street West

**Present:** Councillor L. Ferguson (Chair)  
 Councillor T. Jackson (Vice Chair)  
 Councillors S. Merulla, C. Collins, T. Whitehead,  
 D. Conley and A. VanderBeek

**Absent with Regrets:** Councillor R. Pasuta – Personal

**Also Present:** Mayor Eisenberger  
 Councillors J. Farr and M. Pearson

#### THE FOLLOWING ITEMS WERE REFERRED TO COUNCIL FOR CONSIDERATION:

**1. Intersection Control List (PW18001) (Wards 1, 3, 9 and 11) (Item 5.1)**

**(Jackson/Collins)**

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			
<b>Section "D" Glanbrook</b>						
(a)	White Church Road East	Nebo Road	NB/SB	All	C	Converting to all-way stop – Clr approved
<b>Section "E" Hamilton</b>						
(b)	Afton Avenue	Prospect Street	NB/SB	All	A	Converting to all-way stop – Clr approved
(c)	Leland Street	Sussex Street	WB	All	A	Converting to all-way stop – Clr approved

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward
Street 1	Street 2	Existing	Requested			
<b>Section "F" Stoney Creek</b>						
(d)	Slinger Avenue	Aubrey Avenue	EB/WB	All	A	Converting to all-way stop – Clr approved 9

**Legend**No Control Existing (New Subdivision) - **NC**Intersection Class: **A** - Local/Local **B** - Local/Collector **C** - Collector/Collector **D** – Arterial/Collector**E** – Arterial/local**CARRIED**

**2. Intersection Control List (PW18001(a)) (Wards 1, 2, 6, 7, 9, 11, 14 and 15) (Item 5.2)**

**(Jackson/Collins)**

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			
<b>Section "C" Flamborough</b>						
(a)	Centre Road	11 <sup>th</sup> Concession East	EB/WB	All	D	Converting to allway stop – Clr approved 15
(b)	Lynden Road	Power Line Road West	EB/WB	All	E	Converting to allway stop – Clr approved 14
<b>Section "D" Glanbrook</b>						
(c)	Festival Way	Royal Winter Drive	NB	All	A	Binbrook NTMP – Approved by Clr 11
(d)	Pumpkin Pass	Festival Way	NB/SB	All	A	Binbrook NTMP – Approved by Clr 11
(e)	Pumpkin Pass	Blue Ribbon Way	SB	All	A	Binbrook NTMP – Approved by Clr 11
(f)	Windwood Drive	Magnificent Way	SB	All	A	Binbrook NTMP – Approved by Clr 11
<b>Section "E" Hamilton</b>						
(g)	Whitney Avenue	Mericult Road	NB/SB	All	B	Converting to AWS – Approved by Clr 1
(h)	Elizabeth Court (West Leg)	Mericult Road	NC	NB	A	Housekeeping – missing t-type stop sign 1
(i)	Elizabeth Court (East Leg)	Mericult Road	NC	NB	A	Housekeeping – missing t-type stop sign 1
(j)	Walnut Street	Augusta Street	EB	All	A	Converting to AWS – Approved by Clr 2

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Intersection		Stop Control Direction		Class	Comments / Petition	Ward	
Street 1	Street 2	Existing	Requested				
(k)	Lochearne Street	Breadalbane Street	NB/SB	All	A	Converting to AWS – Approved by Clr	1
(l)	Corinthian Drive	Albion Falls Boulevard	NC	SB	A	Housekeeping – missing t-type stop sign	6
(m)	Dorval Street	Lilacside Drive	NC	WB	A	Housekeeping – missing t-type stop sign	7
(n)	Melody Court	Deerborn Drive	NC	EB	A	Housekeeping – missing t-type stop sign	7
(o)	Ranchdale Drive	Deerborn Drive	NC	EB	A	Housekeeping – missing t-type stop sign	7
(p)	Luscombe Street	Manning Avenue	NB	EB/WB	A	Converting to AWS – Approved by Clr	7
<b>Section “F” Stoney Creek</b>							
(q)	Hargrove Way	Bradshaw Drive	NC	WB	A	Plan of New Subdivision	9
(r)	Midhurst Heights	Bradshaw Drive	NC	WB	A	Plan of New Subdivision	9
(s)	Hargrove Way	Midhurst Heights	NC	SB	A	Plan of New Subdivision	9

**Legend**

No Control Existing (New Subdivision) - **NC**

Intersection Class: **A** - Local/Local    **B** - Local/Collector    **C** - Collector/Collector    **D** – Arterial/Collector

**E** – Arterial/local

**CARRIED**

**3. 2017 Annual Drinking Water Report (PW18026) (City Wide) (Item 5.5)**

**(VanderBeek/Whitehead)**

That Report PW18026 respecting the 2017 Annual Drinking Water Report, be received.

**CARRIED**

**4. Standardization of Fleet Equipment and Parts (PW09074(d)) (City Wide) (Item 5.6)**

**(Whitehead/Conley)**

(a) That the standardization of the products, services and suppliers identified in Appendix A to Report PW09074d, be approved pursuant to Procurement Policy #14 – Standardization.

(b) That the General Manager of Public Works or their designate be authorized to negotiate and enter into any agreements and execute the completion of associated documents for the items outlined in Appendix A to Report PW09074d, in a form satisfactory to the City Solicitor.

- (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 supplier identified in Appendix A to Report PW09074d undergoes a name change.

**CARRIED**

**5. Proposed Permanent Closure and Sale of a Portion of Public Unassumed Alley Abutting 193 East 22<sup>nd</sup> Street, Hamilton (PW18024) (Ward 7) (Item 6.1)**

**(Whitehead/Conley)**

That the application of the owner of 193 East 22<sup>nd</sup> Street, Hamilton to permanently close and purchase a portion of the unassumed alleyway abutting the North side of 193 East 22<sup>nd</sup> Street, Hamilton, ("Subject Lands"), as shown on Appendix "A", attached to Report PW18024, be approved, subject to the following conditions:

- (a) That the applicant makes an application to the Ontario Superior Court of Justice, under Section 88 of the Registry Act, for an order to permanently close the Subject Lands, if required by the City, subject to:
- (i) The General Manager of Public Works, or designate, signing the appropriate documentation to obtain any required court order, and;
  - (ii) The documentation regarding any required application to the Ontario Superior Court of Justice being prepared by the applicant, to the satisfaction of the City Solicitor;
- (b) 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;
- (c) That, subject to any required application to the Ontario Superior Court of Justice to permanently close the Subject Lands being approved:
- (i) The City Solicitor be authorized and directed to prepare all necessary by-laws to permanently close and sell the alleyway, for enactment by Council;
  - (ii) The Real Estate Section of the Planning and Economic Development Department be authorized and directed to sell the closed alleyway to the owners of 193 East 22<sup>nd</sup> Street, Hamilton, as described in Report PW18024, 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 owners of 193 East 22<sup>nd</sup> Street, Hamilton 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) The City Solicitor be authorized and directed to register a certified copy of the by-laws permanently closing and selling the alleyway in the proper land registry office;
- (v) The Public Works Department provide any required notice of the City's intention to pass the by-laws and/or permanently sell the closed alleyway pursuant to City of Hamilton Sale of Land Policy By-law 14-204;
- (d) That the applicant enters into agreements with any Public Utility requiring easement protection.

**CARRIED**

**6. Waste Management System Development – Waste Processing Contracts (PW16059(c)) (City Wide) (Item 8.1)**

**(Collins/VanderBeek)**

- (a) That staff continue to negotiate the extension of Contract C11-74-02 between Canada Fibers Ltd. and the City of Hamilton for the operation and maintenance of the City of Hamilton's Materials Recycling Facility beyond the current expiry date of March 31, 2020, and, if successful, will report back to Council by the end of the first half of 2018 on the outcome of the negotiations including the recommended length of the extension;
- (b) That in the event staff are unable to negotiate an extension for Contract C11-74-02 as outlined in recommendation (a), that staff investigate the procurement requirements for the operation and maintenance of the City of Hamilton's Materials Recycling Facility or, alternatively, investigate processing capacity at an external materials recycling facility for the City's recyclable materials for a period of 1 to 2 years;
- (c) That Contract C11-105-03 between Maple Reinders Constructors Ltd. and the City of Hamilton for the operation and maintenance of the City of Hamilton's Central Composting Facility be extended for a one-year term from January 1, 2021 to December 31, 2021, with an optional one-year extension, in accordance with the contract provisions included in Appendix A attached to Report PW16059c and confidential Appendix B;
- (d) That the Mayor and City Clerk be authorized and directed to execute all necessary documents to implement recommendation (c) with content acceptable to the General Manager of Public Works and in a form acceptable to the City Solicitor;
- (e) That Appendix "B" to Report PW16059c, respecting the Waste Management System Development – Waste Processing Contracts, remain confidential.

**CARRIED**

**7. Changes to Transfer of Review Program with the Ministry of Environment and Climate Change (PW18019/PED18053) (City Wide) (Item 8.2)****(Merulla/Whitehead)**

- (a) That the City Manager be authorized and directed to execute an Agreement with the Ministry of Environment and Climate Change enabling the continued participation of the City in the Transfer of Review Program in a form satisfactory to the City Solicitor;
- (b) That Staff designated in writing by either the General Manager of Public Works or General Manager of Planning and Economic Development be authorized to sign any application forms required by the Ministry of Environment and Climate Change as part of the Transfer of Review Program under the Ontario Water Resources Act;
- (c) That the General Manager of Public Works and General Manager of Planning and Economic Development be authorized to execute any further renewals and amendments to the Transfer of Review Program Agreement referred to in recommendation (a) as may be required by the Ministry of Environment and Climate Change from time to time with content satisfactory to the General Manager of Public Works and General Manager of Planning and Economic Development, and form satisfactory to the City Solicitor.

**CARRIED****8. Hamilton Cycling Committee Membership (Item 9.2)****(VanderBeek/Collins)**

WHEREAS, the Hamilton Cycling Committee is having challenges in obtaining quorum for their meetings; and,

WHEREAS, without quorum the Hamilton Cycling Committee cannot receive the resignations that have been submitted; and,

WHEREAS, without quorum the Hamilton Cycling Committee cannot recommend the removal of another individual who has not provided a letter of resignation nor explained the reasons for their absence,

THEREFORE BE IT RESOLVED:

- (a) That the notification of resignation from Trevor Jenkins and Alex Brodka from the Hamilton Cycling Committee, be received, and;
- (b) That Jason Copple be considered removed from the Hamilton Cycling Committee as he has missed more than three meetings due to family circumstances; and,

- (c) That the membership number of the Hamilton Cycling Committee be adjusted accordingly in order to obtain quorum.

**CARRIED**

**9. Capital Projects Funding from the Ward 2 Area Rating Capital Reserve (Added Item 9.3)**

**(Merulla/Collins)**

- (a) That staff be directed to complete the following capital projects with funding to come from the Ward 2 Area Rating Capital Reserve:
- (i) Road Surface Treatment Reserve - \$600,000
  - (ii) Hunter Street and Walnut Street Barrier Planter - \$1475.78
  - (iii) George Street Pedestrian Mall, Street and Pedestrian Projects- \$27,000
  - (iv) Laneway/Alleyway Maintenance Reserve - \$30,000
  - (v) Corktown Intersection Safety Improvements (Walnut Street and Augusta Street) - \$22,000
  - (vi) Safety and Security Infrastructure at 226 Rebecca Street (CityHousing Hamilton) - \$50,000
  - (vii) Security Infrastructure at 155 Park Street (CityHousing Hamilton) - \$3,300
  - (viii) Ward 2 Public Bench Memorial Program Reserve - \$10,000
  - (ix) Durand Neighbourhood Association/Ward 2 YWCA Seniors Program and Women's Shelter contribution to major capital replacement of cooling system - \$150,000 (as outlined in Appendix A)
  - (x) Corktown Affordable Housing Partnership (Corktown Co-ops Phase 2) - \$42,000 (as outlined in Appendix B)
  - (xi) James North Art Crawl sidewalk safety measures for summer 2018 - \$60,000
  - (xii) John Street Bike Lane - \$60,000
  - (xiii) Bennetto School Playground Partnership with HWDSB - \$150,000
  - (xiv) Durand Park Accessible Washroom - \$253,000
- (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.

**CARRIED**

**10. Self-Driving Buses (Added Item 9.4)****(Whitehead/Merulla)**

WHEREAS, technology is advancing rapidly in the field of driverless/autonomous buses,

THEREFORE BE IT RESOLVED:

- (a) That the City of Hamilton inform the Province, and the industry, that the City is prepared to be considered as a test site for the emerging technology of driverless/ autonomous buses, and;
- (b) That staff be directed to report back to the Public Works Committee about the feasibility of using driverless/autonomous buses in the City of Hamilton.

**CARRIED**

**FOR INFORMATION:****(a) APPROVAL OF THE AGENDA (Item 1)**

The Committee Clerk advised of the following change to the agenda.

**1. MOTION (Item 9)**

- 9.3 Capital Projects Funding from the Ward 2 Area Rating Capital Reserve

**(Collins/VanderBeek)**

That the Agenda for the March 19, 2018 meeting of the Public Works Committee be approved, as amended.

**CARRIED**

**(b) DECLARATIONS OF INTEREST (Item 2)**

There were no declarations of interest.

**(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 3)****(i) February 5, 2018 (Item 3.1)****(Whitehead/Merulla)**

That the Minutes of the February 5, 2018 Public Works Committee meeting be approved, as presented.

**CARRIED**

**(d) DELEGATION REQUESTS (Item 5)**

- (i) **Kevin Gonci, The Golden Horseshoe Track and Field Council, respecting an Update on the Mohawk Sports Park renewal project from a community user group perspective (Item 4.1)**

**(Jackson/Eisenberger)**

That the delegation request from Kevin Gonci, The Golden Horseshoe Track and Field Council, respecting an Update on the Mohawk Sports Park renewal project from a community user group perspective be approved, for a future meeting.

**CARRIED****(e) CONSENT ITEMS (Item 5)**

- (i) **Minutes of the Keep Hamilton Clean and Green Committee (Items 5.3(a) to (g))**

**(Jackson/Collins)**

That Items 5.3(a) through 5.3 (g) being Minutes of Keep Hamilton Clean and Green Committee, as listed below, be received.

- (a) February 21, 2017
- (b) March 21, 2017
- (c) May 16, 2017
- (d) June 20, 2017
- (e) July 18, 2017
- (f) September 19, 2017
- (g) October 17, 2017

**CARRIED**

- (ii) **Minutes of the Waste Management Advisory Committee – November 22, 2017 (Item 5.4)**

**(Jackson/Conley)**

That the Minutes of the Waste Management Advisory Committee dated November 22, 2017, be received.

**CARRIED**

- (iii) **Minutes of the Hamilton Cycling Committee (Items 5.7(a) and (b))**

**(Collins/Conley)**

That Items 5.7 (a) and (b) being Minutes of the Hamilton Cycling Committee, dated August 2, 2017 and September 20, 2017, be received.

**CARRIED**

**(f) PUBLIC HEARINGS / DELEGATIONS (Item 6)****(i) Proposed Permanent Closure and Sale of a Portion of Public Unassumed Alley Abutting 193 East 22<sup>nd</sup> Street, Hamilton (PW18024) (Ward 7) (Item 6.1)**

Chair Ferguson advised that notice of the proposed permanent closure and sale of a Portion of Unassumed Alley Abutting 193 East 22<sup>nd</sup> Street was given as required under the City's By-law #14-204 – the Sale of Land Policy By-law.

The Committee Clerk advised that no individuals registered to speak to the matter.

The Chair asked if there were any members of the public in attendance who wished to come forward to speak to the matter. No individuals came forward.

For disposition of this matter, refer to Item 5.

**(ii) Proposed Permanent Closure and Sale of a Portion of Public Unassumed Alley Abutting 102 Francis Street, Hamilton (PW18025) (Ward 3) (Item 6.2)**

Staff advised that the application from the owner of 102 Francis Street has been withdrawn.

**(Whitehead/VanderBeek)**

That Report PW18025 respecting the Proposed Permanent Closure and Sale of a Portion of Public Unassumed Alley Abutting 102 Francis Street, be withdrawn as the owner of the property has withdrawn their application.

**CARRIED**

**(g) DISCUSSION ITEMS (Item 8)****(i) Waste Management System Development – Waste Processing Contracts (PW16059(c)) (City Wide) (Item 8.1)**

The Committee determined that no discussion respecting Private and Confidential Appendix B to Report PW16059(c) was required, and the Report was approved in Open Session.

For disposition of this matter, refer to Item 6.

**(h) MOTIONS (Item 9)****(i) Future Procurement of Electric Buses (Item 9.1)****(Eisenberger/Jackson)**

WHEREAS, the City of Hamilton's mission is to provide high quality, cost conscious public services that contribute to a healthy, safe and prosperous community in a sustainable manner, and;

WHEREAS, the City of Hamilton's priority of "*Clean and Green*" supports that Hamilton is environmentally sustainable with a healthy balance of natural and urban spaces, and;

WHEREAS, the City of Hamilton's priority of "*Built Environment and Infrastructure*" is supported by state of the art infrastructure, transportation options, buildings and public spaces that create a dynamic city, and;

WHEREAS, the potential benefits of electric buses include: reduced greenhouse gas (GHG) emissions; improved customer and bus operator experience by reducing ambient noise, exhaust odours, vibration as well as creating smooth acceleration; operating savings as a result of less maintenance due to the lack of engine, transmission, intake exhaust or cooling system, and;

WHEREAS, electric buses are supportive of the development of renewable resources which support the City of Hamilton's priorities, and;

WHEREAS, currently there are two types of electric bus technologies available in the market, being an on-route charging system and an off-route charging system, and there is no clear industry preference for either charging system,

THEREFORE BE IT RESOLVED:

That staff be directed to investigate, and possibly test, electric buses in preparation for future procurement, and report back to the Public Works Committee.

**CARRIED**

**(i) NOTICES OF MOTION (Item 10)****(i) Self-Driving Buses (Added Item 10.1)**

Councillor Whitehead introduced a Notice of Motion respecting Self-Driving Buses.

**(Whitehead/Merulla)**

That the rules of order be waived in order to allow for the introduction of a motion respecting Self-Driving Buses.

**CARRIED**

For further disposition of this matter, refer to Item 10.

**(j) GENERAL INFORMATION/OTHER BUSINESS (Item 11)**

**(i) Update from the General Manager of Public Works respecting Items/Matters of Interest to the Committee (Item 11.1)**

Dan McKinnon, General Manger of the Public Works Department, provided the Committee with an update respecting items and matters of general interest. Mr. McKinnon's remarks included, but were not limited to: "shave and pave" work on Main Street West, the Spring Tide Show at the Gage Park Greenhouse, work completed on the Sherman Access and the reduction in HSR driver absenteeism.

**(ii) Outstanding Business List (Item 11.2)**

**(Jackson/Conley)**

That the following amendments to the Outstanding Business List, be approved:

**(a) Item Considered Complete and to be Removed (Item 11.2(a))**

Waste Management System Development (Item 8.1 of today's agenda)

**(b) Items requiring a revised due date (Item 11.2(b))**

Everyone Rides Initiative  
Current Date: March 19, 2018  
Revised Date: May 14, 2018

Strategic Road Safety Program Update  
Current Date: March 19, 2018  
Revised Date: December 10, 2018

Functional Traffic Study for Kenilworth Ave. from Main St. to Barton Street  
Current Date: June 18, 2018  
Revised Date: Q4 2018

Speed Limit Reduction Feasibility Study on the LINC and RHVP  
Current Date: August 2018  
Revised Date: Q4 2018

Glen Carey Delegation (re: a berm on his property)  
Current Date: March 19, 2018  
Revised Date: June 18, 2018

**CARRIED**

**(k) ADJOURNMENT (Item 13)**

**(Collins/VanderBeek)**

That there being no further business, the Public Works Committee be adjourned at 10:33 a.m.

**CARRIED**

Respectfully submitted,

Councillor L. Ferguson, Chair  
Public Works Committee

Lauri Leduc  
Legislative Coordinator  
Office of the City Clerk

**Form: Request to Speak to Committee of Council**

Submitted on Thursday, March 22, 2018 - 11:31 am

==Committee Requested==

**Committee:** Public Works

==Requestor Information==

**Name of Individual:** Michael Gemmell

**Name of Organization:** Green Venture

**Contact Number:** 9054-540-8787 x117

**Email Address:** [director@greenventure.ca](mailto:director@greenventure.ca)

**Mailing Address:** 22 Veevers Drive, Hamilton, ON, L8K5P5

**Reason(s) for delegation request:** Presentation of outreach and education work completed in 2017 by Green Venture on behalf of Public Works department

**Will you be requesting funds from the City?** No

**Will you be submitting a formal presentation?** No

Martin White, Extension 4345  
PW18001b

**INTERSECTION CONTROL LIST**  
**Public Works Committee – April 16, 2018**  
**PUBLIC WORKS DEPARTMENT**  
**Roads and Traffic**  
**Traffic Operations & Engineering Section**

**RECOMMENDATION**

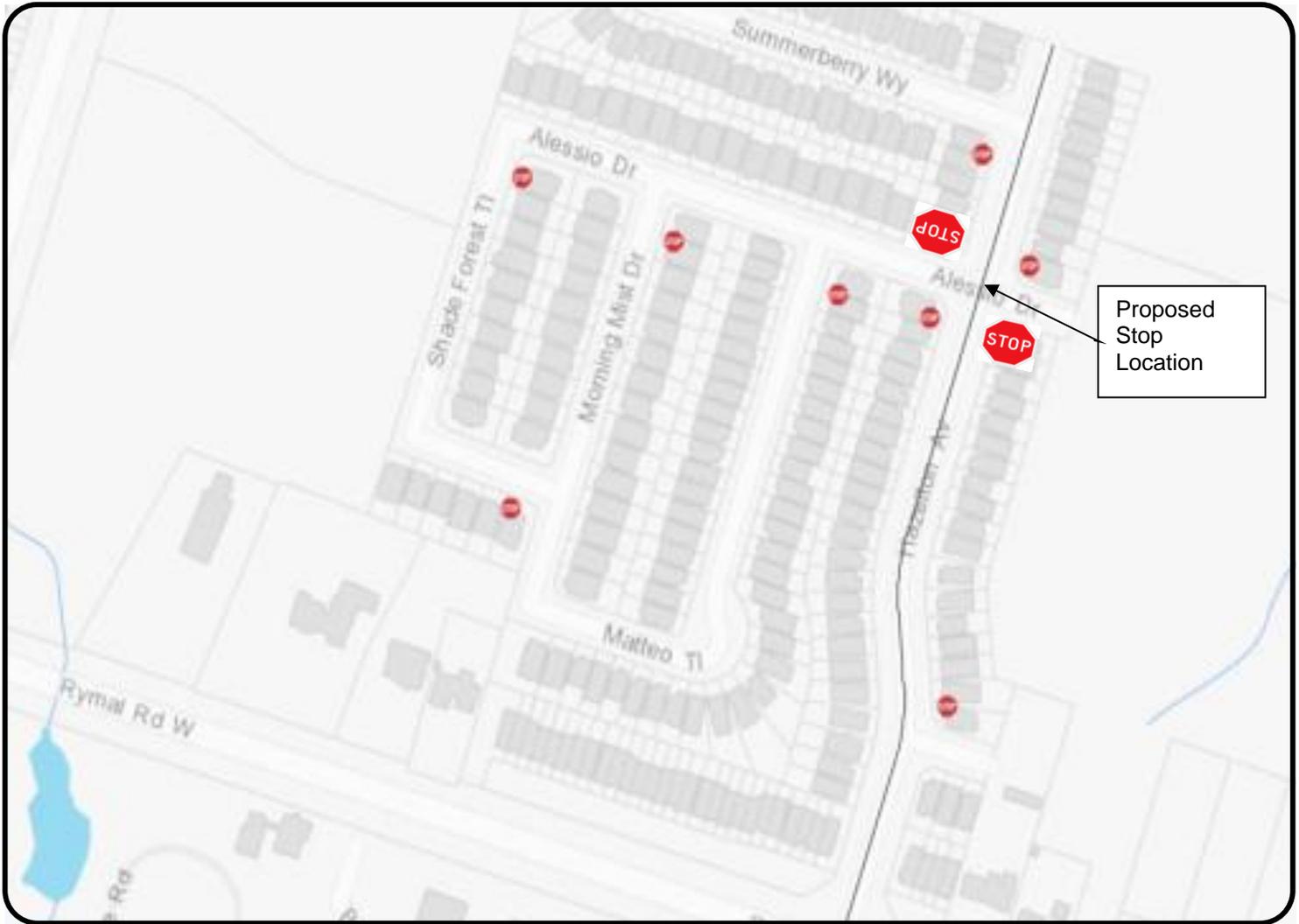
That the appropriate By-law be presented to Council to provide traffic control as follows:

Intersection		Stop Control Direction		Class	Comments / Petition	Ward
Street 1	Street 2	Existing	Requested			
<b>Section "E" Hamilton</b>						
(a)	Hazelton Avenue	Alessio Drive	EB/WB	NB/SB	A	Plan of New Subdivision
						8

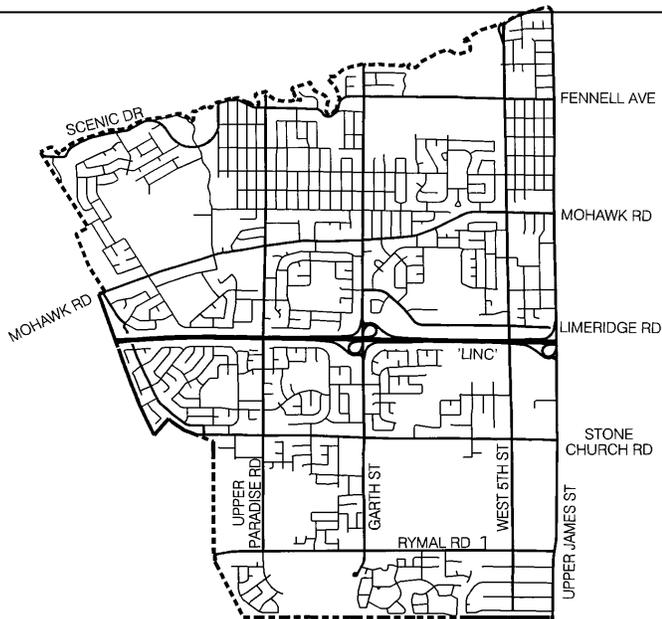
**Legend**

No Control Existing (New Subdivision) - **NC**

Intersection Class: **A** - Local/Local    **B** - Local/Collector    **C** - Collector/Collector



### KEY MAP



**HAMILTON  
WARD 8**



### LOCATION PLAN

*PROPOSED STOP CONTROL:*

**Hazelton Avenue at Alessio Drive**

Roads & Traffic  
PUBLIC WORKS DEPARTMENT

### LEGEND

-  EXISTING STOP
-  PROPOSED STOP

SCALE  
**NOT TO SCALE**

DATE  
**April 16, 2018**

**Authority:** Name of Committee  
 Report:  
 Date:  
 Wards: 8

**Bill No.**

**CITY OF HAMILTON**

**BY-LAW NO. 18-**

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

Hazelton Avenue

Northbound/Southbound

Alessio Drive

2. 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.
3. This By-law shall come into force and take effect on the date of its passing and enactment.

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

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**PASSED and ENACTED** this 25<sup>th</sup> day of April, 2018.

---

F. Eisenberger  
Mayor

---

Rose Caterini  
City Clerk



# Hamilton

## MINUTES

### Waste Management Advisory Committee

Wednesday January 31, 2018

1:30 p.m.

City Hall, 7<sup>th</sup> Floor, Room 718

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**Present:**

Chair: Councillor Maria Pearson  
Vice-Chair: Councillor Doug Conley  
Members: Councillor Robert Pasuta  
Kevin Hunt  
Peter Hargreave

**Also Present:**

Craig Murdoch, Director of Environmental Services  
Emil Prpic, Manager of Recycling and Waste Disposal  
Colin Vidler, Manager of Waste Collections  
Raffaella Morello, Sr. Project Manager, Waste Operations  
Jacquie Colangelo, Project Manager, Community Outreach  
Mike Stelmach, Project Manager, Contracts

**Regrets:**

Angela Storey, Manager of Business Programs

**Recorder:**

Hayley Court-Znottko

**1. CHANGES TO THE AGENDA**

None

**2. DECLARATIONS OF INTEREST**

None to declare

**3. APPROVAL OF MINUTES OF PREVIOUS MEETING**

3.1 Waste Management Advisory Committee Meeting Minutes, dated  
November 22, 2017

HUNT/HARGREAVE

**CARRIED**

#### 4. **CONSENT ITEMS**

There are no consent items.

#### 5. **PRESENTATIONS**

There are no presentations.

#### 6. **DISCUSSION ITEMS**

##### 6.1 **2020 Waste System Contract Planning**

- **Contract Preparation**

The Request for Proposals (RFP) for the operation of the Transfer Stations and Community Recycling Centres will be posted during Q1 2018.

Staff has prepared a report for Council for the February 19<sup>th</sup> Public Works Committee which will provide an update on the status of the contract negotiations for the operation of the Central Composting Facility (CCF), operation of the Material Recycling Facility (MRF), and an update on the RFP that will be issued for the operation of the Transfer Stations and Community Recycling Centres.

##### 6.2 **Waste-Free Ontario Act Updates**

- **Food and Organic Waste Framework**

An Information Update was issued to Council in January relating to the proposed Food and Organic Waste Framework issued by the Ministry of the Environment and Climate Change.

- **Amended Blue Box Program Plan**

An Information Update was issued to Council in January regarding the transition of the Amended Blue Box Program Plan.

- **Tire Regulation**

An Information Update was issued to Council in January related to the Draft Tire Regulation under the Resource Recovery and Circular Economy Act. Under the regulation, tire producers and retailers will be required to collect any tires returned from consumers.

At this time, it has not been determined if program changes may be required for the collection of used tires at the City's Community Recycling Centres. Used tires will continue to be collected during the transition period.

### 6.3 Operations Update

- **2018-2019 Residential Recycling & Garbage Guide**

The 2018-2019 residential recycling and garbage guide is scheduled to be delivered to residents during the week of February 20, 2018. Staff has arranged to have both print and digital ads in local media reminding residents that they will receive their guides in the mail.

- **Update on the “Green Your Routine” advertising campaign**

The first phase of the “Green Your Routine” campaign was completed in 2017. The goal of Phase 1 was to promote and increase participation in the green bin program. Overall, the feedback received from residents has been positive. Several residents indicated that the most challenging aspects of using the green bin was preventing odours and the work associated with sorting materials properly.

Following the launch of the campaign, staff noticed there was an increased percentage of acceptable compostable material during seasonal audits at the City’s Central Composting Facility.

Staff is currently developing Phase 2 of the “Green Your Routine” campaign for promotions to begin in 2018.

- **Recycling Collection Services**

The City’s contractor for recycling collection, Green for Life Environmental Inc. (GFL), experienced service issues during the last week of December 2017 and the first week of January 2018 due to various factors. Since this time, GFL has taken several steps to remedy the issues, including changes in management and staffing and bringing in vehicles from other areas.

A PSA was issued on January 5, 2018 to advise Council and the public of the delays that the recycling collection crews were experiencing. An Information Update was later issued to Council on January 9, 2018 to provide details on the steps that were taken by GFL to address the issues.

- **Global impacts on recycling end-markets**

China’s “National Sword” initiative took effect on January 1, 2018. This initiative reduces the amount of recyclable material that China accepts and has resulted in a reduction in value of blue box commodities. While the revenues generated by the sale of blue box commodities did increase in 2017, impacts from the “National Sword” initiative started to be seen in September. In anticipation of this initiative, staff applied to have the

Environmental Compliance Approval for the Material Recycling Facility (MRF) amended to allow for additional storage of paper materials.

- **Textiles waste diversion**

Staff is reviewing opportunities to introduce a textile waste diversion program. Staff reviewed best practices with other municipalities and have met with various vendors who have expressed interest in operating a pilot project with the City to collect textiles. As part of the pilot project, staff will consider installing textile collection bins at the Dundas and Kenora Transfer Stations.

HUNT/HARGREAVE

**CARRIED**

**7. OTHER BUSINESS & GENERAL INFORMATION**

- There was discussion on the use of lids for blue boxes to prevent litter during inclement weather. Staff advised that the City does not supply lids for blue boxes; however, residents can purchase lids or recycling containers with lids from retail locations.

**8. ADJOURNMENT**

That, there being no further business the meeting adjourned at 2:35pm.

CONLEY/PASUTA

**CARRIED**



# Hamilton

## **HAMILTON CYCLING COMMITTEE (HCyC) MINUTES**

Wednesday, November 1, 2017

5:45 p.m.

Room 192, 1<sup>st</sup> Floor

City Hall

71 Main Street West, Hamilton

**Present:** Chair: Sharon Gibbons (regrets)  
 Vice-All: Kevin Love  
 Members: Linda Meerveld Pierre Barras Ann McKay  
 Bob Corsini Brad Tyleman

**Absent with**

**Regrets:** Jason Copple, Greg Blunsdon, Jeff Axisa, Brandon Curtas, Kate Berry,  
 Cora Muis

**Council:** Mayor Eisenberger (regrets), Councillor Green (regrets)

**Also Present:** PW staff (Daryl Bender)

**1. CHANGES TO THE AGENDA/ INTRODUCTIONS**

**2. DECLARATIONS OF INTEREST**

**3. APPROVAL OF MINUTES OF PREVIOUS MEETING**

HCyC meeting minutes, dated June 7, 2017, were deferred.

HCyC meeting minutes, dated August 2, 2017, were deferred.

HCyC meeting minutes, dated September 20, 2017, were deferred.

**4. CONSENT ITEMS**

none

**5. PRESENTATIONS**

none

**6. DISCUSSION ITEMS**

6.1 Correspondence

**TDM Annual Report** – The Transportation Demand Management (TDM)  
 2016 Report was circulated.

**Duty Tax letter** – City staff will send this letter, as approved by Council on June 28.

6.2 Updates from HCyC reps on committees

**Cycle Hamilton** – This community organization met with cycling groups in the London area on Oct 22 and is meeting with Halton area cycling groups on Nov 7. City of Hamilton staff is making a presentation on the Hamilton Cycling Master Plan to this group on Nov 27.

6.3 Maintenance

The King Street bicycle lanes in the vicinity of Hwy 403 were flagged for sweeping.

6.4 Budgets

Members confirmed the details of the proposed 2018 Budget, and the content of the Report prepared for PWC.

6.5 Discussion

**Provincial OMCC funding** – Staff confirmed that the City expects a Provincial announcement of “Ontario Municipal Commuter Cycling” (OMCC) funding within the next few weeks.

**Annual HCyC Update to PWC** – HCyC members suggested edits to the draft of their annual presentation to PWC. The presentation is planned for January 2018.

**Photo Speed Enforcement** – The Province’s Bill 65 has been passed and the details for enforcement are being developed in conjunction with the Ontario Traffic Council. The members also discussed ideas to permit only certain types of vehicles (eg. taxis, deliveries, local residents, etc.) on certain streets at certain times of the day.

**Cycling Master Plan update** – Staff reviewed more details of the Master Plan update, including the priority ranking and additional projects.

6.6 Building the Network and Councillor Outreach

The members are very pleased with the design of the Bay Street bicycle lanes and the Grand Opening event was a great success. Thank you Mayor Eisenberger and Councillor Farr for your strong support. Thank you also to Ted McMeekin and the Hon. Eleanor McMahon – brilliant words from the Minister!

6.7 Other Bicycle Infrastructure Projects

**Bike Cage locations** – The following locations were suggested for consideration: Lime Ridge Mall HSR terminal, LRT stations, MacNab HSR terminal, Ottawa St Market & BIA, Barton Library & 541 Café, and Downtown Central Library. Members also suggested promotion of bike cages on [www.hamilton.ca/Cycling](http://www.hamilton.ca/Cycling), ads in View & Urbanicity, and on the handlebars of SoBi bicycles.

**HamBur Loop** – The goal is to see this loop formally launched in 2018. The app Biko is being considered for promotion, but no members are aware of this app.

6.8 Public Education

**Bicycle Lights @ the Time Change** – Members made final arrangements to distribute bicycle lights at four locations on the first Monday after the time change, Nov 6. Staff are to investigate promotions for the event.

**Jane's Ride** – Preliminary arrangements are in the works for this 2018 event, planned for May 5. This is the same weekend as Bike for Mike and Door's Open Hamilton, so the intent is to create some focused joint promotions.

**Active Transport lesson plans** – The committee was very pleased to learn that lesson plans have been developed for three grades of school children – grades 1, 5, and 9. These lesson plans are posted on the Metrolinx website and the critical action at this time is to ensure teachers across the province are made aware of them:

<http://smartcommute.ca/getting-to-school/resources/for-the-school> .

## 7. GENERAL INFORMATION & OTHER BUSINESS

### Announcements

**Our Future Hamilton** – Nov. 14

**Cycle Hamilton** – Nov. 27, Collaboration Station 7:00 pm

**Friendly Streets Summit** – Nov. 29, Central Library 7:00 pm

**Holiday Season** – Everyone shared holiday greetings, wishing everyone safe and happy times!

## 8. ADJOURNMENT

### (Moved/Seconded)

That, there being no further business, the meeting be adjourned at 7:45 p.m.



# Hamilton

## **HAMILTON CYCLING COMMITTEE (HCyC) MINUTES**

Wednesday, January 3, 2018

5:45 p.m.

Room 192, 1<sup>st</sup> Floor

City Hall

71 Main Street West, Hamilton

**Present:**

Chair:	Sharon Gibbons		
Vice-All:	Kevin Love (regrets)		
Members:	Brad Tyleman	Cora Muis	Pierre Barras
	Kate Berry	Ann McKay	Bob Corsini
	Greg Blunsdon	Jeff Axisa	

**Absent with**

**Regrets:** Jason Copple, Linda Meerveld, Brandon Curtas

**Council:** Mayor Eisenberger (regrets), Councillor Green (regrets)

**Also Present:** PW staff (Daryl Bender, Rachel Johnson), William Oates, Roman Caruk

1. **CHANGES TO THE AGENDA/ INTRODUCTIONS**
2. **DECLARATIONS OF INTEREST**
3. **APPROVAL OF MINUTES OF PREVIOUS MEETING**

**(Moved/Seconded)**

HCyC meeting minutes, dated June 7, 2017, were approved.

4. **CONSENT ITEMS**  
none
5. **PRESENTATIONS**  
none

6. **DISCUSSION ITEMS**

6.1 Correspondence

**Hamilton Cycling Stakeholders meeting** – This meeting is being organized by City staff and Ann will represent the HCyC. Community groups and City staff will attend and discuss items such as community promotions, education, and infrastructure.

- 6.2 Updates from HCyC reps on committees  
**Cycle Hamilton** – This community organization is helping to organize 1) Hamilton’s participation in the international “Winter Bike-to-Work Day”, 2) exploring the idea of an Out-spoke & Slow-roll event similar to an event in Niagara, and 3) a Hamilton screening of the new movie “Why We Cycle”. They recently participated in BARC’s Winterfest (Bay Area Restoration Council) event promoting cycling to recent immigrants to Hamilton.
- 6.3 Maintenance  
 Committee members were impressed to see very good clearing of some of the on-street bicycle lanes round the city. Of course there can always be problem areas too, but they stressed that the efforts and successes of Road Operations staff are very much appreciated.
- 6.4 Budgets  
 Plans for specific 2018 projects were reviewed, including more bike lights distribution (both front & rear/ white & red lights), the “Share the Road” banner, “Jane’s Ride – A Trail of Two Cities” promotions, and participation in cycling conferences.
- 6.5 Discussion  
**Provincial OMCC funding** – The Committee was pleased to learn that the Province has approved all but one project that was submitted for Ontario Municipal Commuter Cycling (OMCC) funding, and that it will be great to see these projects completed during the next few years.  
**Annual Update to PWC** – Two committee members, Sharon & Jeff, volunteered to present the annual review to Councillors on January 15. A few other members are available to fill in if needed.  
**Cycling Master Plan update** – the Committee was notified that the draft document is being finalized, to be presented to Council in 2018; and committee members were thanked for their contributions to the update.  
**Bicycles Counter-theft** – The members discussed proactive efforts in Vancouver that are hoped to curb bicycle theft. One key effort is to strongly promote bicycle owners to register and/or record their bicycle identification so they have documented proof of ownership. Greg will lead these efforts and Jeff volunteered to assist.
- 6.6 Building the Network and Councillor Outreach  
 Staff provided a brief summary of projects planned for 2018 including:  
 W 1 - Emerson Ave (design)  
 W 2 - Hunter St (by GO Centre)  
 W 3 - Gage Ave, Delaware Ave/ Maplewood Ave  
 W 4 - Melvin Ave  
 W 4/5 - King St @ RHVP  
 W 7 - Upper Wentworth St (at Queensdale Ave)  
 W 8 - Rymal Rd (at Garth St)  
 W 10 - Frances Ave (review)  
 W 13 - Governor’s Rd/ Creighton Rd  
 W15 - Centre Rd/ Sydenham Rd
- 6.7 Other Bicycle Infrastructure Projects

**TDM (Transport Demand Management) activities** – City staff are planning “Winter Bike-to-Work Day” for February 9. The City and School Boards have pooled resources to hire a School Travel Planner to promote walking & cycling to schools, primarily for elementary students.

6.8 Public Education

**Bike Lights promotion** – The distribution of free bike lights on November 6, 2017 (the first Monday after the time change) was a great success; with approximately 150 bike lights distributed at four locations: King St @ Hwy 403, Bay St @ Cannon St, Bay St @ Hunter St, and the Beach Strip Breezeway/ Waterfront Trail. Citizens receiving the bike lights were very appreciative, and it was also noted that more education is needed to teach people to turn lights on BEFORE it is dark.

**Toronto Bike Show** – Sharon will arrange the volunteer schedule to staff the information booth. Staff will ensure materials for free distribution will be available.

7. **GENERAL INFORMATION & OTHER BUSINESS**

**Announcements**

**Ontario Bike Summit** – April 2018

8. **ADJOURNMENT**

**(Moved/Seconded)**

That, there being no further business, the meeting be adjourned at 7:45 p.m.



**CITY OF HAMILTON**  
**PUBLIC WORKS DEPARTMENT**  
*Environmental Services Division*

<b>TO:</b>	Chair and Members Public Works Committee
<b>COMMITTEE DATE:</b>	April 16, 2018
<b>SUBJECT/REPORT NO:</b>	Small Equipment Manufacturer's Standardization Renewal (PW18028) - (City Wide)
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Angela Storey (905) 546-2424, Extension 6483  Shaun Williams (905) 546-2424, Extension 7640
<b>SUBMITTED BY:</b>	Craig Murdoch, B. Sc., Director, Environmental Services Division Public Works
<b>SIGNATURE:</b>	

### RECOMMENDATION

- (a) That a five-year extension for "Stihl" equipment as a manufacturer's standard for the purchase of string and hedge trimmers, chainsaws, leaf blowers, multi-purpose "Kombi" system engines and attachments, and other commercial grade small equipment for the Public Works Department be approved;
- (b) That a five-year extension for "Honda" equipment as a manufacturer's standard for the purchase of walk behind lawnmowers, generators, water pumps, and engine components for lawn edgers, aerating equipment, roto-tillers, compactors, debris loaders, walk-behind leaf blowers, and other commercial grade small equipment for the Public Works Department be approved;
- (c) That staff be authorized to negotiate "accounts" based on standard government pricing for the supply of equipment, repair and maintenance service with "Stihl" and "Honda" manufacturers and/or licensed distributors of the approved equipment standards.

### EXECUTIVE SUMMARY

This report proposes to extend the approval of "Stihl" and "Honda" manufacturers as the City's standard for small equipment used by the Public Works Department for a five-

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**SUBJECT: Small Equipment Manufacturer's Standardization Renewal  
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year period. These equipment manufacturers were approved as the City's standard as part of Report PW08029 in 2008 and again in report PW08029a in 2013, following the City's Procurement Policy #14 - Standardization. Small equipment includes products containing engines such as lawnmowers, trimmers, leaf blowers, roto-tillers, etc. There is a diverse market for small equipment suppliers which offer products of varying quality and pricing. The use of the City's Procurement Policy #14 - Standardization helps the City to target certain products which best suit the City's operational requirements.

Stihl and Honda products are currently being used successfully among several groups in the Public Works Department including the Parks & Cemeteries Section, Forestry & Horticulture Section within Environmental Services Division and the Roads & Maintenance Section within the Roads and Traffic Division. Extending the City's manufacturer standard for the use of Stihl and Honda small equipment will allow staff to continue to provide services in an efficient manner. In addition, purchasing high quality equipment has lower maintenance costs and a higher reliability which leads to fewer equipment problems in the field.

***Alternatives for Consideration – See Page 5***

**FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

Financial: Small equipment is purchased through the annual small equipment reserve capital account. Small equipment repairs are funded from various accounts in the annual operating budgets for the Environmental Services Division and the Roads & Traffic Division.

Staffing: There are no staffing implications related to the recommendations made in this report.

Legal: There are no legal issues related to the recommendations made in this report.

**HISTORICAL BACKGROUND**

Council approved Stihl and Honda as the City's small equipment standards for the Public Works Department in 2008 through Report PW08029 and again in 2013 through Report PW08029a. Stihl is the approved standard for string and hedge trimmers, chainsaws, leaf blowers and multi-purpose "Kombi" system engines and attachments. Honda is the approved standard for the purchase of walk behind lawnmowers, generators, water pumps, and engine components for lawn edgers, aerating equipment, roto-tillers, compactors, debris loaders, and walk-behind leaf blowers.

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**SUBJECT: Small Equipment Manufacturer's Standardization Renewal  
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Small equipment is primarily used by the Environmental Services Division (Parks & Cemeteries Section, Forestry & Horticulture Section) and the Roads & Traffic Division (Roads & Maintenance Section). Collectively, these two Divisions have approximately 1500 pieces of small equipment in their inventory, of which 80% is comprised of Stihl and Honda products. Good-quality small equipment is essential to provide the City's programs in a cost-effective manner. In addition, purchasing high quality equipment has lower maintenance costs and a higher reliability which leads to fewer equipment problems in the field.

The City has processes in place for small equipment repair, inventory control, and equipment acquisition. Trained staff perform minor equipment repair such as replacing filters or sparkplugs. Approved external repair vendors are used for major repairs and service / warranty work. Equipment acquisition is ordered from the City's approved list of vendors, with the objective of distributing the equipment orders amongst all of the vendors. These vendors are licensed distributors for Stihl and Honda equipment and they offer government pricing for the small equipment. When required, quotes are used for purchases greater than \$10,000 among the approved equipment distributors in the event that these vendors have varying prices for the required product(s).

**POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

The information contained in this report is affected by the City's Procurement Policy By-Law No. 17-064, Policy #14 - Standardization. This policy states that equipment standards may be approved by Council or by the Standards and Approved Products Committee.

**RELEVANT CONSULTATION**

Staff contacted other municipalities to obtain information on best practices on small equipment standards. A copy of the survey results is outlined in Appendix "A" attached to Report PW18028. Based on the feedback, Stihl and Honda equipment is commonly used and preferred in other municipalities and the Hamilton Conservation Authority.

**ANALYSIS AND RATIONALE FOR RECOMMENDATION**

The City adopted Procurement Policy #14 - Standardization for the small equipment acquisition so that the City has reliable equipment for its operations and to reduce operating costs. The Environmental Services Division and Roads & Traffic Division use similar types of small equipment for their operations and equipment purchases are completed in a collective manner. Equipment standardization allows the City to obtain the same brand of commercial quality equipment for its operations.

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**SUBJECT: Small Equipment Manufacturer's Standardization Renewal  
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There are several benefits with equipment standardization:

- **Effective services** - The use of dependable equipment will provide cost savings through reduced break-down periods as a result of having more up-time in the field. In addition, by purchasing a standard model of equipment users will all have the same training and fleet staff will all use the same parts when it requires service.
- **Administration** - Standardization allows staff to streamline the time requirements for equipment procurement, inventory maintenance, and stocking supplies.
- **Financial** - The City has “government” pricing with several vendors of the approved products.

#### Product Quality

As part of this report staff completed a review of various small equipment brands in order to determine suitable products for the City’s use. Stihl and Honda were selected for the City’s operations since these manufacturers are considered to be industry leaders in the small equipment field. These manufacturers are preferred by local equipment rental agencies and by other municipalities/conservation authorities. Since approving the Standardization Policy first in 2008 and again in 2013, staff have continued to review new trends in the small equipment field at trade shows and demonstrations and found that Stihl and Honda still offer the most suitable products for the City. Staff contacted other municipalities to obtain information on best practices on small equipment standards. Based on the feedback, Stihl and Honda equipment is commonly used and preferred in other municipalities and by the Hamilton Conservation Authority. Continuation with Stihl and Honda products over the next five years will allow the City to have reliable, low maintenance equipment for its programs.

The Standardization Policy is important for the on-going maintenance requirements for small equipment. Stihl and Honda have local authorized repair facilities, geographically convenient to our staffed locations, which offer prompt repair services to minimize equipment downtime. By having standardized equipment, it is easier to maintain the City’s stock of repair parts, which in turn will streamline the City’s repair and maintenance workload over the next five years. Replacement parts such as guards, filters, and sparkplugs are readily available for these equipment manufacturers. Equipment standardization helps to simplify the City’s inventory control process for spare parts. The City’s yards have replacement parts on hand for minor repairs completed by staff.

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**SUBJECT: Small Equipment Manufacturer's Standardization Renewal  
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Small Equipment Administration

The City currently has accounts with four licensed distributors to supply Stihl and Honda products and these distributors are approved equipment repair facilities. Since adopting the Standardization Policy, staff has used best efforts to order products and utilize the services from these dealers in an equitable manner. The vendors offer consistent government pricing for the purchase of equipment. Occasionally, staff will issue quotes for unique products in the event that there is variability in the pricing for a particular product.

Standardized equipment is important with respect to worker health and safety requirements. Each staff member who needs to operate small equipment for their work duties must complete mandatory safety training so that they can operate the equipment in a safe manner. It is simpler to facilitate the equipment training by having consistent equipment brands.

**ALTERNATIVES FOR CONSIDERATION**

As an alternative to extending the current equipment standards, staff may initiate the procurement process to set up a new contract to purchase small equipment. The procurement process would allow the City to obtain pricing from vendors based on the City's specifications. Through the Tender process, the City would be required to purchase the lowest priced equipment based on the bids received. In this case, the City may run the risk of having to purchase low-cost substandard (non-commercial grade) equipment. This in turn creates several challenges including:

- Work inefficiencies - Substandard equipment will increase the likelihood of equipment breakdown which will impact staff productivity.
- Financial costs - There is a possibility of increased financial risk associated with equipment breakdowns, increased repair costs, and higher inventory costs for stocking additional parts.

Staff will continue to monitor market trends in the small equipment field so that the City is current on equipment standards.

**ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN**

**Built Environment and Infrastructure**

*Hamilton* is supported by state of the art infrastructure, transportation options, buildings and public spaces that create a dynamic City.

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**SUBJECT: Small Equipment Manufacturer's Standardization Renewal  
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**Our People and Performance**

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**APPENDICES AND SCHEDULES ATTACHED**

Appendix A: Municipal Scan – Small Equipment

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<b>MUNICIPAL SCAN – SMALL EQUIPMENT *</b>						
	<b>Trimmer</b>	<b>Chainsaw</b>	<b>Leaf Blower</b>	<b>Water / trash pump</b>	<b>Generator</b>	<b>Additional Comments</b>
<b>St. Catharines</b>	Stihl (Government Pricing)	Stihl (Government Pricing)	Stihl (Government Pricing)	Honda (Quality and low maintenance)	Honda (Quality and low maintenance)	St. Catharines doesn't auction old equipment, instead they keep old equipment around to salvage parts.
<b>Cambridge</b>	Stihl (Quality)	Stihl (Quality)	Stihl (Quality)	Honda (Quality and government discount)	Honda (Quality and government discount)	Cambridge is able to purchase Honda and Stihl without a standardization report.
<b>Brantford</b>	Stihl (Quality)	Stihl (Quality)	Stihl (Quality)	Honda (Parts & Dealer support)	Honda (Parts & Dealer support)	Brantford finds that having all the same products makes training easy.
<b>Hamilton Conservation Authority</b>	Stihl (Quality)	Stihl (Quality)	Stihl (Quality)	Honda (Parts & longevity)	Honda (Parts & longevity)	HCA has all Honda and Stihl products. Historically they purchased multiple brands but their technicians prefer one brand as they reuse parts to cut back on expense.
<b>Mississauga</b>	Various (Low bid)	Various (Low bid)	Various (Low bid)	Various (Low bid)	Various (Low bid)	Mississauga's Manager of Fleet advised that a competitive bid is done each time equipment is purchased. While it results in lower purchase prices, it also results in multiple makes and

						models. This process affects efficiencies and as such they are investigating equipment standardization.
<b>Burlington</b>	Stihl (Quality & dealer locations)	Stihl (Quality & dealer locations)	Stihl (Quality & dealer locations)	Honda (Longevity & reliability)	Honda (Longevity & reliability)	Burlington has researched emissions output and determined that since Stihl is moving towards fuel injection it will continue to contribute less to air pollution.
<b>London</b>	Stihl (High quality & proven history)	Stihl (High quality & proven history)	Stihl (High quality & proven history)	Honda (Proven history & quality)	Honda (Proven history & quality)	London advises that they like the Stihl product for its dependability and reliability. The Honda generators work well for them and the Honda engines come with a proven history of dependability. Toro is also a product that works well for them.

\* Note each result provides the brand used by the Municipality or Authority with their reason in brackets.



**CITY OF HAMILTON**  
**PUBLIC WORKS DEPARTMENT**  
*Engineering Services Division*

<b>TO:</b>	Chair and Members Public Works Committee
<b>COMMITTEE DATE:</b>	April 16, 2018
<b>SUBJECT/REPORT NO:</b>	Consulting Assignment Extension for Contract Administration on the Sanitary Trunk Sewer Main along Upper Centennial Parkway and Regional Road 56 from Green Mountain Road to Guyatt Road (PW18031) (Ward 11)
<b>WARD(S) AFFECTED:</b>	Ward 11
<b>PREPARED BY:</b>	Marco Oddi, P.Eng (905) 546-2424, Extension 2387
<b>SUBMITTED BY:</b>	Gary Moore, P.Eng Director, Engineering Services Public Works
<b>SIGNATURE:</b>	

### RECOMMENDATION

That Council approves the single source procurement, pursuant to Procurement Policy #11 - Non-competitive Procurements and that the General Manager of Public Works be authorized to:

- (a) Negotiate with the consultant, WSP Canada Group Ltd., to carry out additional contract administration, site inspection and hydrogeological monitoring as required under Contract C11-43-13 for construction Contract C15-47-14(HS) for the Upper Centennial Trunk Sewer currently being constructed by McNally Construction Inc.;
- (b) Should an acceptable price be negotiated for the additional consulting work, that the General Manager, Public Works Department be authorized to enter into and execute any required Contract and any ancillary documents required to give effect thereto with WSP Canada Group Ltd., in a form satisfactory to the City Solicitor;
- (c) That the funding for the proposed work of approximately \$600,000 is available in Project ID: 5161395358 Binbrook (Hwy 56 Force Main and Twinning WW-21).

### EXECUTIVE SUMMARY

Contract C15-47-14(HS) is being undertaken by McNally Construction Inc. Currently, the Contractor is approximately 18 months behind schedule and the construction work is expected to complete by the end of May 2019. The hydrogeological monitoring will

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**SUBJECT: Consulting Assignment Extension for Contract Administration on the Sanitary Trunk Sewer Main along Upper Centennial Parkway and Regional Road 56 from Green Mountain Road to Guyatt Road (PW18031) (Ward 11) - Page 2 of 3**

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continue after construction to ensure that the environmental impacts of the project are monitored and reported back to the MOECC in a timely manner.

WSP Canada Group Ltd. are providing contract administration, site inspection and hydrogeological investigation services on the project. To provide continuity for the contract administration, MOECC consultation and hydrogeological monitoring required during and after construction, it is requested that the assignment to WSP Canada Group Ltd. be extended to provide these services until the project is completed. These additional fees will be recovered through the liquidated damages to be charged to the Contractor.

This report seeks Council authorization to begin negotiations with WSP Canada Group Ltd. to continue with the contract administration, site inspection and hydrogeological monitoring until the project is completed.

***Alternatives for Consideration – See Page 3***

**FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

Financial: The additional costs for contract administration, site inspection and hydrogeological investigation is estimated to be approximately \$600,000. Funding for the proposed work is available in Project ID: 5161395358 Binbrook (Hwy 56 Force Main and Twinning WW-21).

Staffing: None

Legal: None

**HISTORICAL BACKGROUND**

WSP Canada Group Ltd. (formerly MMM Consulting Group Limited) was hired by the City of Hamilton through a Request for Proposal process and as a result, Contract C11-43-13 was entered into on October 30, 2013. The Contract was to provide detailed design and contract administration for a trunk sewer main along Upper Centennial Parkway and Regional Road 56 from Green Mountain Road to Golf Club Road.

At its March 9, 2016 meeting, Council approved Public Works to negotiate with McNally Construction Inc. to extend the tunnelling for the sewer along Regional Road 56 from Golf Club Rd to 500m north of Guyatt Road. At its September 28, 2016 meeting, Council approved Public Works to negotiate with MMM Group Limited (now WSP Canada Group Ltd.) to carry out additional contract administration, site inspection and hydrogeological monitoring on the extension work.

Currently, McNally Construction Inc. is approximately 18 months behind schedule and the work is expected to complete by the end of May 2019. The hydrogeological monitoring will continue after construction to ensure that the environmental impacts of the project are monitored and reported back to the MOECC in a timely manner. As such, WSP Canada Group Ltd. will require additional fees for the contract administration

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**SUBJECT: Consulting Assignment Extension for Contract Administration on the Sanitary Trunk Sewer Main along Upper Centennial Parkway and Regional Road 56 from Green Mountain Road to Guyatt Road (PW18031) (Ward 11) - Page 3 of 3**

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due to the change in construction timelines. These additional fees will be recovered through the liquidated damages to be charged to the Contractor.

This report seeks Council authorization to begin negotiations with WSP Canada Group Ltd. to continue with the contract administration, site inspection and hydrogeological monitoring until the project is completed.

### **POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

The requirements of the Procurement Policy 5.4 to issue a competitive bid are waived in order to allow negotiations within a currently awarded contract, through the Policy 11 process.

### **RELEVANT CONSULTATION**

The department of Planning and Economic Development, Growth Management division has confirmed that the timely construction of this section of sewer is vital to the growth accommodation and further development in Binbrook.

### **ANALYSIS AND RATIONALE FOR RECOMMENDATION**

The construction Contract C15-47-14(HS) is being undertaken by McNally Construction Inc. and WSP Canada Group Ltd. is providing contract administration, site inspection and hydrogeological investigation services on the project.

To provide continuity for the contract administration, MOECC consultation and hydrogeological monitoring required during and after construction, it is requested that WSP Canada Group Ltd. be retained to provide these services until the project is completed.

Additional cost and time savings should also be realized due to the fact that the current Consultant has undertaken the detailed design and will have continuity in consulting with the MOECC, shop drawing reviews and is more aware of the environmental impacts such as the sensitivity of groundwater issues and blasting in the area.

### **ALTERNATIVES FOR CONSIDERATION**

The contract administration could be undertaken using City Staff. However, City staff do not have the expertise to deal with the specialties required in this project to undertake the shop drawing reviews, MOECC Consultation, hydrogeological monitoring needs, etc.

### **ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN**

#### **Economic Prosperity and Growth**

Hamilton has a prosperous and diverse local economy where people have opportunities to grow and develop.

### **APPENDICES AND SCHEDULES ATTACHED**

None

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**CITY OF HAMILTON**  
**PUBLIC WORKS DEPARTMENT**  
**Engineering Services Division**

<b>TO:</b>	Chair and Members Public Works Committee
<b>COMMITTEE DATE:</b>	April 16, 2018
<b>SUBJECT/REPORT NO:</b>	Proposed Permanent Closure and Sale of a Portion of Public Assumed Alley Abutting 60 King William Street, Hamilton (PW18032) (Ward 2)
<b>WARD(S) AFFECTED:</b>	Ward 2
<b>PREPARED BY:</b>	Gary Kirchknopf, Senior Project Manager Corridor Management (905) 546-2424, Extension 7217  Cetina Farruggia, Road Programming Technician Corridor Management (905) 546-2424, Extension 5803
<b>SUBMITTED BY:</b>	Gord McGuire Geomatics and Corridor Management Public Works
<b>SIGNATURE:</b>	

**RECOMMENDATION**

That the application of King William Residences Inc. to permanently close and purchase a portion of the assumed alleyway abutting the West side of 60 King William Street, Hamilton, ("Subject Lands"), as shown on Appendix "A", attached to Report PW18032, be approved, subject to the following conditions:

- (a) 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;
- (b) That, subject to any required application to the Ontario Superior Court of Justice to permanently close the Subject Lands being approved:
  - (i) The City Solicitor be authorized and directed to prepare all necessary by-laws to permanently close and sell the alleyway, for enactment by Council;
  - (ii) The Real Estate Section of the Planning and Economic Development Department be authorized and directed to sell the closed alleyway to King William Residences Inc., as described in Report PW18032, in accordance with the City of Hamilton Sale of Land Policy By-law 14-204;

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**SUBJECT: Proposed Permanent Closure and Sale of a Portion of Public  
Assumed Alley Abutting 60 King William Street, Hamilton  
(PW18032) (Ward 2) - Page 2 of 5**

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- (iii) The City Solicitor be authorized and directed to register a certified copy of the by-laws permanently closing and selling the alleyway in the proper land registry office;
- (iv) The Public Works Department provide any required notice of the City's intention to pass the by-laws and/or permanently sell the closed alleyway pursuant to City of Hamilton Sale of Land Policy By-law 14-204;
- (c) That the applicant enters into agreements with any Public Utility requiring easement protection;
- (d) That the applicant enter into private agreements with those property owners abutting any portion of the full Alleyway and the City of Hamilton, to allow unobstructed access to their properties and to provide through access over an East/West portion of the Lands known as 43 King William Street as referenced in PED18013 and included as a holding provision in Zoning Amendment By-Law 18-011.

### **EXECUTIVE SUMMARY**

King William Residences Inc. has applied to permanently close and purchase a portion of the public assumed alleyway running North/South at the West of the property known as 60 King William Street, Hamilton. The applicants' original application was for both the North/South and East/West portions of the alleyway in order to facilitate development plans. After correspondence between Public Works staff and Planning and Economic Development staff as well as input from abutting land owners, it was determined that only the North/South leg of the alleyway was required at this time to facilitate the development plans. In accordance with Zoning Amendment By-Law 18-011, the applicant is required to confirm ownership over the Subject Lands and provide proof of Right of Way agreements entered into with abutting land owners of the entire alleyway. Therefore, our recommendation is a product of this Council approved direction. There were no objections received from any City Departments, divisions, or public utilities. 9 objections were received from abutting property owners, whose access concerns have been addressed within our recommendation. As such, staff support the permanent closure and sale of the Subject Lands to King William Residences Inc.

### ***Alternatives for Consideration – See Page 4***

### **FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

**Financial:** The applicant has paid the Council approved user fee of \$4,454.00. The Subject Lands will be sold to King William Residences Inc., as determined by the Real Estate Section of the Planning and Economic Development Department, in accordance with the City of Hamilton Sale of Land Policy By-law 14-204.

**Staffing:** An agreement to purchase the Subject Lands will be negotiated by the Real Estate Section of the Planning and Economic Development Department.

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**SUBJECT: Proposed Permanent Closure and Sale of a Portion of Public  
Assumed Alley Abutting 60 King William Street, Hamilton  
(PW18032) (Ward 2) - Page 3 of 5**

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Legal: Subject to any required application to the Ontario Superior Court of Justice to permanently close the Subject Lands being approved, the City Solicitor will prepare all necessary by-laws to permanently close and sell the Subject Lands and will register such by-laws in the Land Registry Office once Council has approved the by-law. The by-law does not take effect until the certified copy of the by-law is registered in the proper land registry office. The City Solicitor will complete the transfer of the Subject Lands to King William Residences Inc., pursuant to an agreement negotiated by the Real Estate Section of the Planning and Economic Development Department.

### **HISTORICAL BACKGROUND**

The Subject Lands form part of an alleyway created by City By-Law No. 5515 Registered as BL1159. This By-Law closed the E/W portion of original alleyway that had through access onto Hughson Street, Hamilton and opened the North/South leg providing through access onto King William Street, Hamilton. On March 21, 2017, King William Residences Inc. made application to permanently close and purchase the full Alleyway. Staff received much objection from residents abutting the alleyway and proceeded to communicate with residents, planning staff, and the developers to come to a satisfactory agreement for all parties. On June 2, 2017 the applicant made a Zoning Amendment Application to Planning and Economic Development. On July 19, 2017 an onsite meeting was held with staff and residents to discuss access and service concerns. On January 16, 2018 PED Committee approved staff report PED18013. The Zoning Amendment By-Law 18-011 attached to that report included two holding provisions. First, that the applicant obtain ownership of the Subject Lands included in this report, and that the Applicant provide proof of entering into Right of Way agreements with land owners abutting this alleyway, over an E/W portion of the lands known as 43 King William Street, Hamilton, as referenced in PED18013.

### **POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

The closure of the Subject Lands will be subject to any application required by the City. In addition, a by-law must be passed to permanently close the Subject Lands in accordance with the *Municipal Act, 2001*.

### **RELEVANT CONSULTATION**

The following public utilities, City departments and divisions were provided with a copy of the application and were invited to provide comments:

- Planning and Economic Development Department: Development Engineering, Building, Economic Development, Real Estate, and Planning
- Public Works Department: Engineering Services, Hamilton Water, Operations, Environmental Services, and Transportation
- Hamilton Emergency Services

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**SUBJECT: Proposed Permanent Closure and Sale of a Portion of Public Assumed Alley Abutting 60 King William Street, Hamilton (PW18032) (Ward 2) - Page 4 of 5**

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- Corporate Services Department: Budgets and Finance
- Mayor and Ward Councillor
- Bell, Horizon Utilities/Alectra Utilities, Hydro One, and Union Gas

Union Gas and Bell have advised that they will require easement protection.

There were no objections received from any public utilities, City departments and divisions.

Transportation provided the following comments:

“These alley ways are part of the City's alley way improvement project to allow the improved the movement of goods, pedestrians and cyclists”

Notice of the proposal was sent to all abutting property owners of the Subject Lands, as shown on Appendix “B”, for comment. In this instance, there were 15 notices mailed, and the results are as follows:

In favour: 0

Opposed: 9

No comment: 0

Those opposed to the closure expressed concerns regarding access to the rear of their properties for deliveries and services. After communication with the applicant and as a holding provision within Zoning Amendment By-Law 18-011, an agreement was arranged to provide Right of Way access over a portion of the property known as 43 King William Street, Hamilton, to provide through access for residents from John Street, Hamilton to Hughson Street, Hamilton.

### **ANALYSIS AND RATIONALE FOR RECOMMENDATION**

Since the applicant is willing to accommodate Right of Way agreements with all abutting land owners of the alleyway as well as the City of Hamilton over an E/W portion of the lands known as 43 King William Street, Hamilton, as referenced in report PED18013 and as staff have included these requirements within our recommendation, and as there were no objections received from any public utilities, City departments, or divisions, staff are supportive of the closure and sale of the Subject Lands to King William Residences Inc.

### **ALTERNATIVES FOR CONSIDERATION**

The City could deny the application and the alleyway would remain public assumed.

### **ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN**

#### **Built Environment and Infrastructure**

*Hamilton is supported by state of the art infrastructure, transportation options, buildings and public spaces that create a dynamic City.*

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**SUBJECT: Proposed Permanent Closure and Sale of a Portion of Public  
Assumed Alley Abutting 60 King William Street, Hamilton  
(PW18032) (Ward 2) - Page 5 of 5**

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**APPENDICES AND SCHEDULES ATTACHED**

Appendix A: Aerial Drawing

Appendix B: Location Plan

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Hamilton

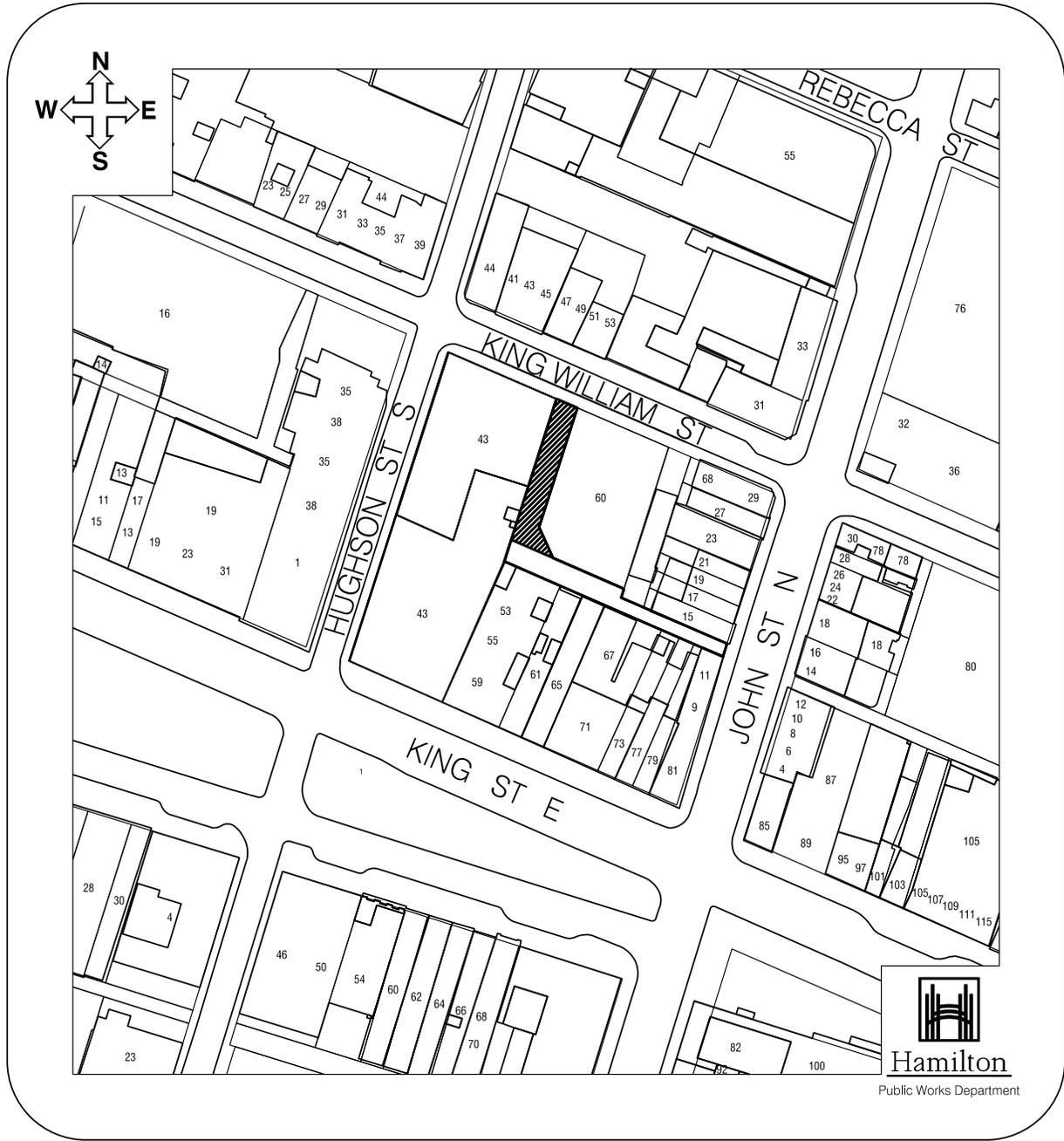
PROPOSED CLOSURE OF PORTION OF ASSUMED ALLEY  
AT 60 KING WILLIAM STREET

Geomatics & Corridor Management Section  
Public Works Department

LEGEND

 Lands to be Closed

NTS  
16/01/2018  
Sketch By: KM



**LOCATION PLAN**

PROPOSED CLOSURE OF  
 ASSUMED ALLEY AT  
**60 KING WILLIAM STREET**

CITY OF HAMILTON  
 PUBLIC WORKS DEPARTMENT

**LEGEND**



**SUBJECT LANDS**

DATE: JANUARY 16, 2018

Not to Scale

REFERENCE FILE NO : PW17\_\_



**CITY OF HAMILTON**  
**PUBLIC WORKS DEPARTMENT**  
 Transit Division

<b>TO:</b>	Chair and Members Public Works Committee
<b>COMMITTEE DATE:</b>	April 16, 2018
<b>SUBJECT/REPORT NO:</b>	2018 Conventional Bus Replacement (PW18029) (City Wide)
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Mark Selkirk (905) 546-2424, Extension 5968
<b>SUBMITTED BY:</b>	Debbie Dalle Vedove Director, Transit Public Works Department
<b>SIGNATURE:</b>	

### RECOMMENDATION

- (a) That the General Manager of Public Works or delegate be authorized to amend the approved 2018 Transit Fleet replacement capital budget to purchase up to twelve (12) sixty-foot (60') articulated CNG (Compressed Natural Gas) buses at an upset cost of \$10,800,000. The total cost of this purchase is accommodated with the approved Capital project "2018 HSR Bus Replacement" (5301883100);
- (b) That the General Manager of Public Works or delegate be authorized to single source the purchase using Purchasing Policy #11 – Non-competitive Procurements, of up to twelve (12) CNG sixty foot articulated buses from New Flyer Industries with the understanding that they are the only Canadian manufacturer.

### EXECUTIVE SUMMARY

In 2017, the City of Hamilton was offered the opportunity to participate in a joint procurement of 40' and 60' Transit buses with Metrolinx and other Ontario municipalities. The City Of Hamilton joined this procurement agreement in 2008 under Council's approval for acquisition of the 2008 Transit replacement Fleet and has continued to procure Transit buses under subsequent Metrolinx led tenders.

The most recent tender for the years 2017 to 2020 was issued by Metrolinx and awarded to the successful bidder, Nova Bus, Division of Volvo Group Canada Inc. Council has previously approved Hamilton's participation in this joint procurement. This award to Nova Bus did not include 60', Compressed Natural Gas powered (CNG), articulated buses as the successful proponent does not manufacture this configuration.

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**SUBJECT: 2018 Conventional Bus Replacement (PW18029) (City Wide)****Page 2 of 5**

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The Hamilton Street Railway (HSR) currently has 43, 60' articulated buses in active service with 18 of those being CNG powered. The increase in the articulated bus fleet will serve to increase the capacity of the system, and hopefully mitigate some customer pass by situations.

This report recommends Council's approval of 12 replacement (2018), 60', Compressed Natural Gas powered, articulated buses from the only Canadian Supplier of that configuration, New Flyer Industries, using Purchasing POLICY # 11 - Non-competitive Procurements.

**Alternatives for Consideration – See Page 4****FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

Financial: There are sufficient funds for the purchase in the Capital Budget, "2018 HSR Bus Replacement" (5301883100) of up to \$10,800,000 for the transit fleet replacement buses.

Staffing: There are no staffing implications.

Legal: There are no legal implications.

**HISTORICAL BACKGROUND**

The procurement initiative, facilitated by Metrolinx, involves fourteen transit systems including: Hamilton, Burlington, York Region, Durham Region, Barrie, North Bay, Milton, Cobourg, Elliot Lake, Sarnia, St. Catharines, Thunder Bay, Cornwall, and Orillia.

**POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

City of Hamilton entering into a procurement agreement with New Flyer Industries.

City Of Hamilton Policy for Cooperative Purchasing, Policy # 11 Section 4.11 permits Non-competitive Procurement as follows:

**SECTION 4.11**

(1) Subject to Policy # 2 - Approval Authority, the General Manager of the Client Department will approve the *Non-competitive Procurement Form*, justifying the need to use this Policy # 11 prior to City staff entering into any discussions with any vendor regarding the purchase of the Goods and/or Services. This process may be adopted when any of the following conditions apply:

(a) when Goods and/or Services are judged to be in short supply due to market conditions (short supply);

(b) when a single source (for the purpose of this policy this shall include sole source transactions) for the supply of a particular Good and/or Service is being recommended because it is more cost effective or beneficial for the City (single source);

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**SUBJECT: 2018 Conventional Bus Replacement (PW18029) (City Wide)****Page 3 of 5**

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(c) Where a City Contract has expired or will very shortly expire and unforeseeable circumstances have caused a delay in issuing a new RFP or RFT so that a Contract extension is required (contract extension).

(2) Council must approve any requests for negotiations with a single source as set out in subsection (1)(b) of this Policy # 11, where the cumulative value of the Policy 11 exceeds a multi-year value of the proposed procurement is \$250,000 or greater. For greater clarity, the total cumulative value of a Policy 11 shall not exceed \$250,000 in any given year or multiple consecutive years.

(3) All approved forms shall be forwarded to the Manager of Procurement. The Manager of Procurement will be responsible for reporting the use to Council on a quarterly basis.

(4) The Goods and/or Services shall be procured through a Purchase Order, a formal Contract or any other process as approved by the Director of Financial Services & Corporate Controller.

(5) Where consultancy services are being procured and are in excess of \$100,000, a formal Contract shall be required.

(6) All formal Contracts shall be in a form satisfactory to the City Solicitor.

The purchase of these low emission CNG powered buses that are equipped with engines meeting the EPA 2023 emission standard; ensure the lowest tailpipe emissions in accordance with the Public Works Strategic Plan commitment to be a leader in the “greening” of the City.

**RELEVANT CONSULTATION**

Staff has consulted with participating municipalities for the Metrolinx 2017 to 2020 procurement.

The Corporate Services Department: Procurement, Finance & Administration were consulted and are in agreement with the recommendations.

**ANALYSIS AND RATIONAL FOR RECOMMENDATION**

The 60’ low floor CNG fleet is being recommended with the key reasons being:

- Ability to meet the increasing capacity needs of Transit,
- lowest operating cost,
- meets commitment to 12-year life cycle timing.

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**SUBJECT: 2018 Conventional Bus Replacement (PW18029) (City Wide)****Page 4 of 5**

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**ALTERNATIVES FOR CONSIDERATION**

Council could direct staff to procure 40' CNG powered buses as the capital replacement originally specified. This is not recommended as it would not increase the capacity of the system using the current Council approved complement of bus Operators.

**ALIGNMENT TO THE 2012 – 2015 STRATEGIC PLAN****Strategic Priority #1**

A Prosperous & Healthy Community

*WE enhance our image, economy and well-being by demonstrating that Hamilton is a great place to live, work, play and learn.*

**Strategic Objective**

- 1.2 Continue to prioritize capital infrastructure projects to support managed growth and optimize community benefit.
- 1.4 Improve the City's transportation system to support multi-modal mobility and encourage inter-regional connections.
- 1.5 Support the development and implementation of neighbourhood and City wide strategies that will improve the health and well-being of residents.
- 1.6 Enhance Overall Sustainability (financial, economic, social and environmental).

**Strategic Priority #2**

Valued & Sustainable Services

*WE deliver high quality services that meet citizen needs and expectations, in a cost effective and responsible manner.*

**Strategic Objective**

- 2.1 Implement processes to improve services, leverage technology and validate cost effectiveness and efficiencies across the Corporation.
- 2.2 Improve the City's approach to engaging and informing citizens and stakeholders.
- 2.3 Enhance customer service satisfaction.

**Strategic Priority #3**

Leadership & Governance

*WE work together to ensure we are a government that is respectful towards each other and that the community has confidence and trust in.*

**Strategic Objective**

- 3.1 Engage in a range of inter-governmental relations (IGR) work that will advance partnerships and projects that benefit the City of Hamilton.

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**SUBJECT: 2018 Conventional Bus Replacement (PW18029) (City Wide)**

**Page 5 of 5**

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- 3.2 Build organizational capacity to ensure the City has a skilled workforce that is capable and enabled to deliver its business objectives.
- 3.3 Improve employee engagement.
- 3.4 Enhance opportunities for administrative and operational efficiencies.

**APPENDICES AND SCHEDULES ATTACHED**

None

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**CITY OF HAMILTON**  
**PUBLIC WORKS DEPARTMENT**  
*Engineering Services Division*

<b>TO:</b>	Chair and Members Public Works Committee
<b>COMMITTEE DATE:</b>	April 16, 2018
<b>SUBJECT/REPORT NO:</b>	Road Resurfacing works due to Winter damage (PW18020a) (City Wide)
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Sam Sidawi, P.Eng. Manager, Asset Management (905) 546-2424, Extension 4479
<b>SUBMITTED BY:</b>	Gord McGuire Geomatics & Corridor Management Public Works
<b>SIGNATURE:</b>	

### RECOMMENDATION

- (a) That the road segments identified in Appendix "A" of report PW18020(a) be approved for capital rehabilitation as part of the 2018/19 Corridor Capital Program totalling to a maximum of \$5.9M;
- (b) That the road segments to be rehabilitated in Appendix "A" be funded from the Investment Stabilization Reserve (Account No.112300) and be repaid over a 15 year term, at a cost to borrow of 3.1% as moved in a motion by the Mayor at the March 2, 2018 General Issues Committee Budget meeting and approved by Council on March 8, 2018;
- (c) That the General Manager of Public Works be authorized to procure all or some of the works identified in Appendix "A" through Procurement Policy #11 Non-Competitive Procurements, where deemed appropriate, to expedite the works for this construction season.

### EXECUTIVE SUMMARY

During the winter of 2018 Southern Ontario experienced severe weather conditions that have negatively impacted the performance of municipal roads. Numerous freeze-thaw cycles along with extreme temperature swings, which are consistent with climate change, have accelerated roadway surface deterioration. As a result the city has had to increase short term interventions to address the accelerated decline of the roadways condition.

In the Information Report (PW18020) dated March 2, 2018 staff outlined the plan to prioritize the City of Hamilton roads that are in need of short term repair interventions as

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**SUBJECT: Road Resurfacing works due to Winter damage  
(PW18020a) (City Wide) - Page 2 of 4**

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a result of accelerated roadway deterioration. The plan will be funded from the Investment Stabilization Reserve (Account No.112300) and construction charged to Project ID. 4031811017. Public Works staff compiled the road related information to prioritize the roads using the following six criteria mentioned in the Information Report PW18020:

- 1) Overall Condition Index
- 2) Risk Management Claims
- 3) Traffic Volumes
- 4) Speed Limit
- 5) Truck/Transit Route
- 6) Existing Capital Program

Public Works Staff has identified 64 candidates at an estimated rehabilitation cost of \$39.6M dollars. These roads were then prioritized as per Appendix "A".

A prioritization tool as described above was developed as a Continuous Improvement project to objectively prioritize capital works projects. Through the utilization of data and applying the right strategy at the right time this tool maximizes the return on investment and level of service as well as reduces lifecycle costs.

The identified roads (as per Appendix "A") totalling 30.7 lane km are recommended to receive a minor resurfacing treatment up to 80mm of the top course of asphalt. This maintenance treatment (see Appendix "B") is a targeted intervention on the travelled surface only and will not address any significant base repair, concrete repair, or underground utility repair.

This method together with the procurement recommendation will allow for a more expedited delivery of the program.

The resurfacing treatment is expected to last up to 10 years. This strategy will improve the level-of-service and maintain the current operational function of the assets.

***Alternatives for Consideration – See Page 4***

**FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

**Financial:** The \$5.9M to support infrastructure investments is to be funded from the Investment Stabilization Reserve (Account No.112300) and be repaid over a 15 year term, at a cost to borrow of 3.1%.

**Staffing:** N/A

**Legal:** N/A

**HISTORICAL BACKGROUND**

N/A

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*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: Road Resurfacing works due to Winter damage  
(PW18020a) (City Wide) - Page 3 of 4**

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**POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

❖ Procurement Policy, Section 4.11, Policy #11 Non-competitive Procurements

This report will authorize the General Manager of Public Works to request prices from local contractors capable of delivering quality works at required prices within given timeframes.

The extension of current contracts will explored as an option, otherwise new contracts or purchase orders will be established to deliver these works.

Issuance of a new tender package specific to these projects could delay the delivery of these works beyond 2018/19 given current work programs.

**RELEVANT CONSULTATION**

The following groups were consulted regarding the proposed actions:

- Roads & Traffic
- Risk Management
- Finance & Administration
- Procurement

Road & Traffic, Risk Management, and Finance & Administration are in agreement with the proposed actions to meet the 2018/19 completion. The Procurement Section is not in agreement with this process as they would prefer the work to be tendered competitively.

**ANALYSIS AND RATIONALE FOR RECOMMENDATION**

Public Works staff has recently identified a subset of the city's arterial road network that have been significantly affected by this winter's drastic climate condition. Using the above mentioned prioritization tool, the ratings were determined for this subset of arterial roads.

For this analysis all of the criteria were given equal weight and then added up to come up with an aggregated total score. Finally, the roads were listed from the highest total rating to the lowest. The attached table (Appendix "A") lists the recommended projects that prioritization tool generated.

Public Works Staff has reviewed the top 64 projects and has identified the 4 recommended projects for this year's program totalling 30.7 lane km. Public Works Staff have compared the priority rating result with the recent road condition field review and existing capital program and have concluded that the priority rating is consistent with this most recent field assessment. The highest ranking candidate was Main St. West, which has been addressed through previous actions.

The \$5.9M allocated funding represents 14.9% of the cost to rehabilitate the 64 identified projects.

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**SUBJECT: Road Resurfacing works due to Winter damage  
(PW18020a) (City Wide) - Page 4 of 4**

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The attached table (Appendix “A”) represents the recommended sections to be included in the 2018 short-term rehabilitation maintenance program. Due to the nature of the rehabilitation strategy and the volume of traffic along these corridors the works are expected to extend service life by up to 10 years. For Burlington Street this work will provide additional flexibility to extend the timing of works in the Capital Budget.

Burlington Street has an overall road asset value of approximately \$62M, this \$3.05M rehabilitation represents a 4.9% renewal investment for this asset. This street is often regarded by the user as a challenging route to travel. Burlington Street is heavily travelled, has the highest number of claims, and is frequently identified for maintenance activities thereby making it an ideal candidate for this program.

It should be noted that treatment identified is considered short term rehabilitation and as such underground repairs will not be addressed as part of this intervention. Any underground needs will be addressed through future rehabilitation efforts.

Staff will also be completing the prioritization analysis on all the sections within the city’s road network. The outcome of this analysis will serve as the basis of discussion with each Ward Councillor for selecting projects to be completed within the \$13.5M allocated for neighbourhood road priorities.

Staff will be following up with each Councillor to select the projects that are anticipated to be programmed in 2019 or 2020. Projects that are candidates for similar resurfacing only work and that do not require additional programming and coordination will be programmed as quickly as possible. Projects requiring reconstruction, reconfiguration or underground work will be inserted in to the programming schedule and identified to council through the capital budget process.

### **ALTERNATIVES FOR CONSIDERATION**

Committee can choose not to go forward with these recommendations and this option will not address the rapid deterioration of key road segments resulting in a continued decline of the service level provided.

Committee can choose to direct staff to facilitate the work through a competitive procurement process.

### **ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN**

#### **Built Environment and Infrastructure**

*Hamilton is supported by state of the art infrastructure, transportation options, buildings and public spaces that create a dynamic City.*

### **APPENDICES AND SCHEDULES ATTACHED**

Appendix A: Recommended Rehabilitation Project List

Appendix B: Deterioration Curve Diagram

Appendix C: Maps

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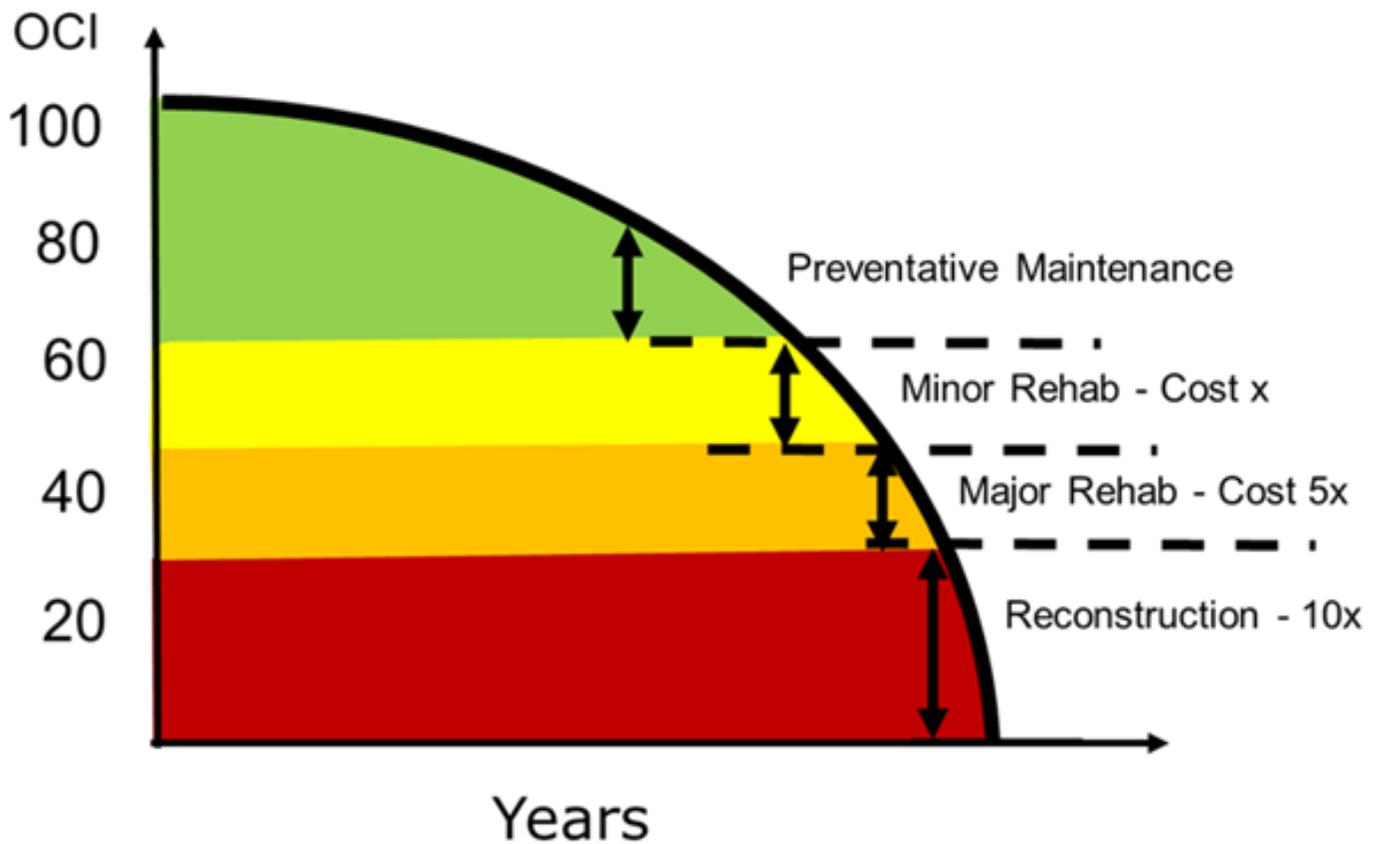
*OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.*

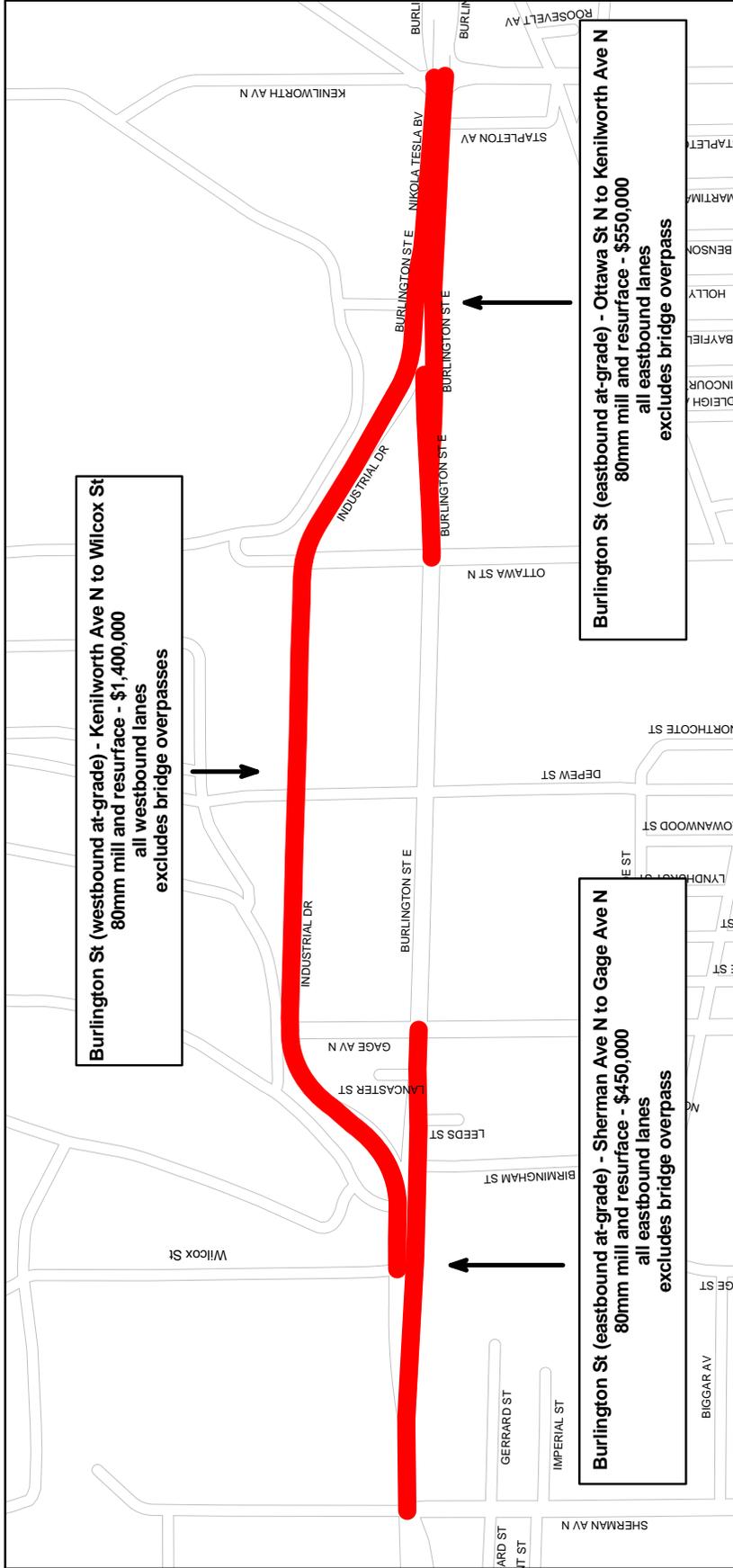
*OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.*

Priority	Project	Limits	Estimated Cost	Lane KM	Current Programmed Construction Year (\$Value)	Proposed Range
<b>Recommended Rehabilitation Projects</b>						
1	Burlington Street – Sherman Ave to Nikola Tesla Boulevard	Burlington Street EB - Sherman to Gage Burlington Street EB - Ottawa to Nikola Tesla Burlington Street EB - Nikola Tesla to Kenilworth Burlington Street WB - Kenilworth to Ottawa Industrial Drive WB - Ottawa to Gage Burlington Street WB - Gage to Wilcox	\$2,400,000	11.9	2020 (\$5.2M) 2021 (\$2.29M) 2022 (\$4.39M)	2026 - 2028 2027 - 2029 2028 - 2030
2	Burlington Street – Tire Street to MTO limit	Burlington Street EB lanes	\$900,000	3.9	2024 (\$1.2M)	2030 - 2032
3	Upper Gage Avenue – LINC to Mohawk	all lanes	\$950,000	4.49	2023 (\$1.25M)	2029 - 2031
4	Cannon Street - Sherman to James	all lanes	\$1,650,000	10.4	N/A	N/A
			<b>Subtotal</b>			
<b>Subtotal</b>						
<b>\$5,900,000</b>						
<b>Supplemental Listing (in the event of favorable pricing)</b>						
5	Barton Street – Gage to Kenilworth	all lanes	\$1,800,000	8.65	N/A	N/A
6	Barton Street – Sanford to Lottridge	all lanes	\$1,100,000	5.45	N/A	N/A
7	Highway No. 5 - Mill to Evans	all lanes	\$2,000,000	12	N/A	N/A
8	Osler Drive - West Park to South	all lanes	\$1,350,000	4.8	2022 (\$2.02M)	2028 - 2030
9	Upper Sherman Avenue - Southampton to Mohawk	all lanes	\$900,000	2.4	2027 (\$0.89M)	
10	Upper James - Fennell to Mohawk	Upper James - Fennell to Mohawk SB Upper James - Mohawk to 60M n/o McElroy NB	\$400,000	1.77	2028 (\$4.2M)	2034 - 2036
11	Upper James - Kennedy to Christopher	Kennedy to 70m s/o Christopher 70m s/o Christopher to Twenty Road SB	\$550,000	1.23	N/A	N/A
			<b>Subtotal</b>			
			<b>Subtotal</b>			
			<b>Total</b>			
			<b>\$8,100,000</b>			
			<b>Total</b>			
			<b>\$14,000,000</b>			

\*\* The recommended treatment is up to 80mm mill and resurface

### Asset Management Deterioration Curve





Legend

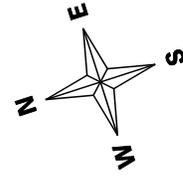
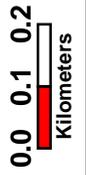
Priority Roads



## Burlington St - Sherman Ave N to Kenilworth Ave N

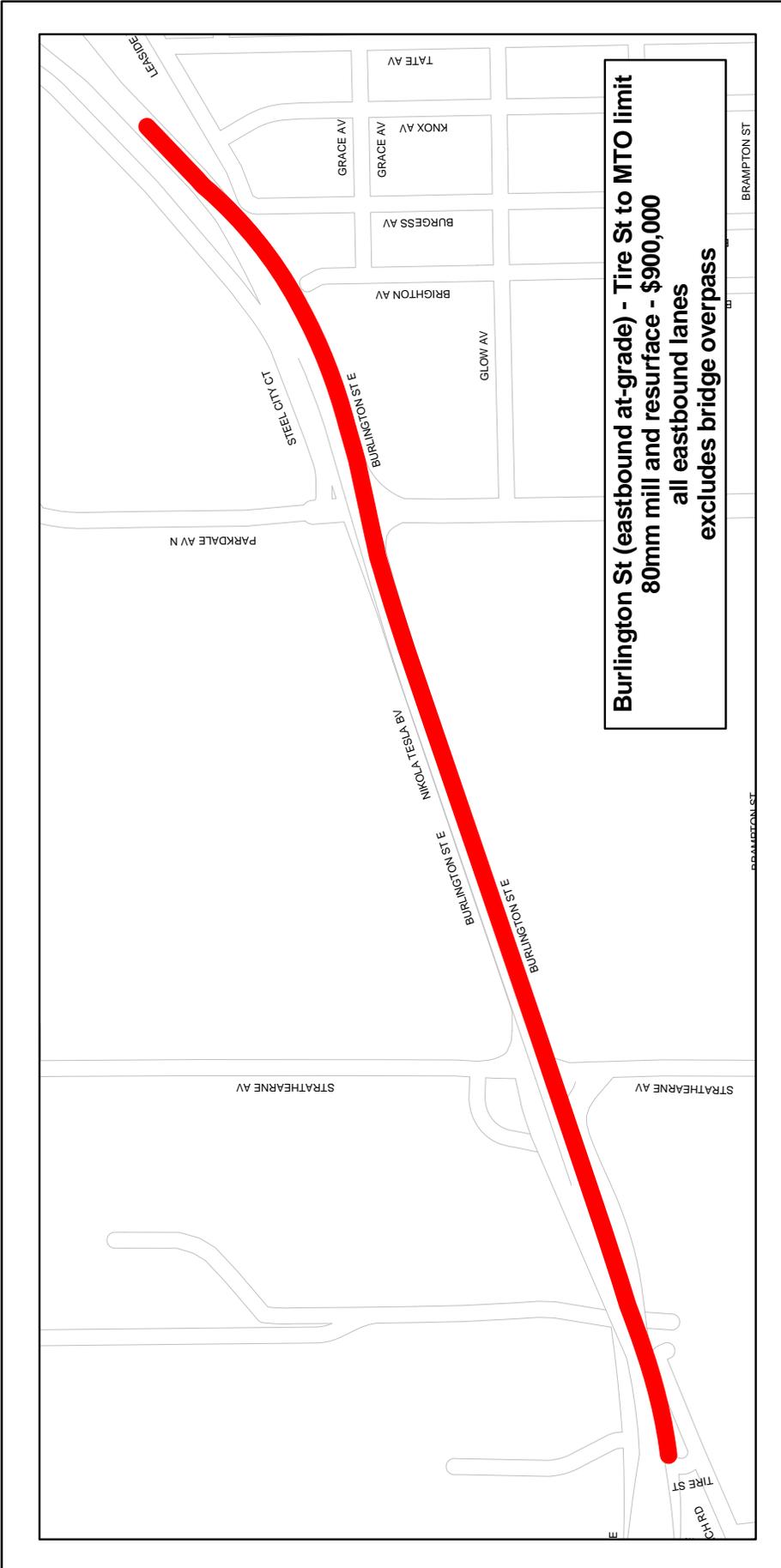
Location Map

March 2018



**Estimated Cost: \$2,400,000**

**Note: All figures on this page are estimates only and are subject to change based on the field verification**

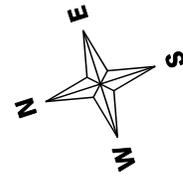


	<h2 style="text-align: center;">Burlington St - Tire St to MTO Limit</h2>	
<p><b>Location Map</b></p>	<p><b>Estimated Cost: \$900,000</b></p>	<p><b>Legend</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: red; margin-right: 5px;"></span> Priority Roads</li> </ul>
<p><b>March 2018</b></p>	<p><b>Note: All figures on this page are estimates only and are subject to change based on the field verification</b></p>	



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## Cannon St E - Sherman Ave N to James St N



Legend

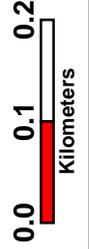
Priority Roads



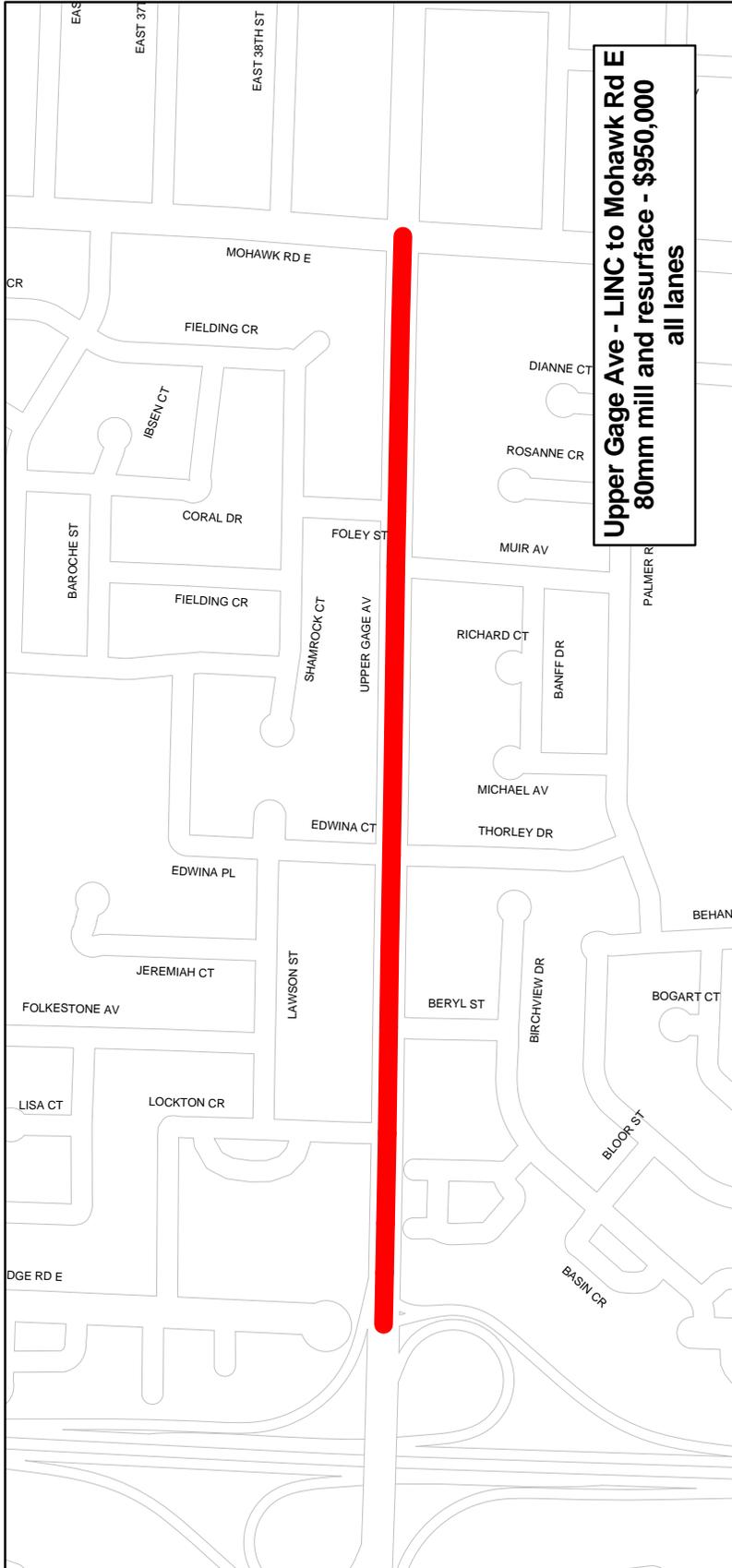
**Estimated Cost: \$1,650,000**

**Location Map**

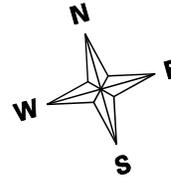
**March 2018**



**Note: All figures on this page are estimates only and are subject to change based on the field verification**

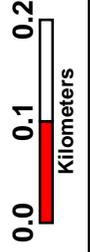


**Upper Gage Ave - LINC to Mohawk Rd E**  
 80mm mill and resurface - \$950,000  
 all lanes



**Location Map**

**March 2018**



**Upper Gage Ave - LINC to Mohawk Rd E**

**Estimated Cost: \$950,000**

**Note: All figures on this page are estimates only and are subject to change based on the field verification**



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**Legend**

Priority Roads



# 9.1

## CITY OF HAMILTON

### MOTION

Public Works Committee  
Date: April 16, 2018

**MOVED BY COUNCILLOR C. COLLINS.....**

**SECONDED BY COUNCILLOR.....**

#### **Sidewalk and Mountable Curb Repairs (Ward 5)**

That Public Works staff be directed to replace the deficient sidewalks and mountable curbs at various locations through Ward 5, at an estimated cost of \$200,000, to be funded from the Ward 5 Area Rating Reserve Fund (Account #108055).