



**City of Hamilton**  
**GENERAL ISSUES COMMITTEE**

**Meeting #:** 18-005  
**Date:** February 21, 2018  
**Time:** 9:30 a.m.  
**Location:** Council Chambers, Hamilton City Hall  
71 Main Street West

Stephanie Paparella, Legislative Coordinator (905) 546-2424 ext. 3993

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|                                                                                                                                                                                                                                                                                                             | <b>Pages</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>1. APPROVAL OF AGENDA</b><br>(Added Items, if applicable, will be noted with *)                                                                                                                                                                                                                          |              |
| <b>2. DECLARATIONS OF INTEREST</b>                                                                                                                                                                                                                                                                          |              |
| <b>3. APPROVAL OF MINUTES OF PREVIOUS MEETING</b>                                                                                                                                                                                                                                                           |              |
| 3.1 February 7, 2018                                                                                                                                                                                                                                                                                        |              |
| <b>4. DELEGATION REQUESTS</b>                                                                                                                                                                                                                                                                               |              |
| 4.1 Ken Stone, Community Coalition Against Racism, to appear before Committee on March 21st, International Day for the Elimination of Racial Discrimination,<br><br>to ask City Council to take a Formal Stand; Indicating its Intention to Deny the Use of City Parks and Public Places to Hate Groups     | 4            |
| 4.2 Evelyn Myrie, Afro Canadian Caribbean Association, to Appear before Committee on March 21st, International Day for the Elimination of Racial Discrimination,<br><br>to ask City Council to take a Formal Stand; Indicating its Intention to Deny the Use of City Parks and Public Places to Hate Groups | 5            |
| 4.3 * Barry Conway, CUPE Local 5167, respecting Report CM18003/PW18010 - Stadium Event Booking (For March 21, 2018)                                                                                                                                                                                         | 6            |

- 4.4 \* Anthony Marco, President, Hamilton District Labour Council, respecting Report CM18003/PW18010 - Stadium Event Booking (For March 21, 2018) 7

To discuss concerns with regard to contracting out event bookings for Tim Horton's field and the dangers of municipalities creeping towards private/public partnerships when services could be provided in-house.

## 5. CONSENT ITEMS

- 5.1 Capital Projects Work-on-Progress Review Sub-Committee Report 18-001, January 29, 2018 8
- 5.2 Concession Street Business Improvement Area (BIA) Revised Board of Management (PED14242(f)) (Wards 6 and 7) 75
- 5.3 Transit (HSR) Passenger Information Technology (PW18018) (City Wide) 77
- 5.4 Hamilton-Wentworth Catholic District School Board Liaison Committee Minutes 17-001, June 29, 2017 79

## 6. PUBLIC HEARINGS / DELEGATIONS

## 7. STAFF PRESENTATIONS

- 7.1 Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) (City Wide) 82

Note: Due to bulk, Appendix "B" to Report PED18030 is not included in the printed agenda, but is available on the City's website at [www.hamilton.ca](http://www.hamilton.ca).

## 8. DISCUSSION ITEMS 132

- 8.1 Business Improvement Area Commercial Property Improvement Grant Program and Commercial Property Improvement Grant Program - Amendments to Program Descriptions and Terms (PED18044) (Wards 1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 13 and 15) 136
- 8.2 Hamilton-Wentworth Catholic District School Board Liaison Committee Report 18-001, January 29, 2018 160
- 8.3 Corporate Strategic Growth Initiatives - Long Term Sustainability (CM16013(b)) (City Wide) 165
- 8.4 Canadian Country Music Week 2019 (PED18058) (City Wide) 167

**9. MOTIONS****10. NOTICES OF MOTION****11. GENERAL INFORMATION / OTHER BUSINESS**

## 11.1 Outstanding Business List

## 11.1.a Items to be removed:

- 11.1.a.a Expression of Interest for a Professional Soccer League at the City's Tim Horton's Field (No Longer Required by the Councillor)
- 11.1.a.b State of the City Comparative Study - Amalgamation to Now (Addressed at the January 19, 2018 GIC Budget Meeting - Report CM18001)
- 11.1.a.c Corporate Strategic Growth Initiatives - Long Term Sustainability (Addressed on today's GIC agenda as Item 5.2 - Report CM16013(b))

**12. PRIVATE AND CONFIDENTIAL**

## 12.1 February 7, 2018 - Closed Session Minutes

Pursuant to Section 8.1, Sub-sections (b), (c), and (d) of the City's Procedural By-law 14-300, and Section 239(2), Sub-sections (b), (c), and (d) of the *Ontario Municipal Act, 2001*, as amended, as the subject matters pertain to personal matters about an identifiable individual, including City Employees; a proposed or pending acquisition or disposition of land for City purposes; and, labour relations or employee negotiations.

**13. ADJOURNMENT**

**Form: Request to Speak to Committee of Council  
Submitted on Saturday, January 27, 2018 – 6:47 p.m.**

**==Committee Requested==**

**Committee:** General Issues Committee

**==Requestor Information==**

**Name of Individual:** Ken Stone

**Name of Organization:** Community Coalition Against Racism  
(CCAR)

**Contact Number:**

**Email Address:**

**Mailing Address:**

**Reason(s) for delegation request:** I wish to appear before the GIC on March 21, 2018, the International Day for the Elimination of Racial Discrimination, to ask City Council to take a formal stand indicating its intention to deny the use of city parks and public places to hate groups.

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

**Will you be submitting a formal presentation? Yes**

## 4.2

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

Submitted on Monday, February 5, 2018 - 2:01 pm

==Committee Requested==

**Committee:** General Issues Committee

==Requestor Information==

**Name of Individual:** Evelyn Myrie

**Name of Organization:** Afro Canadian Caribbean Association

**Contact Number:**

**Email Address:**

**Mailing Address:**

**Reason(s) for delegation request:** To appear before the GIC on March 21, 2018, the International Day for the Elimination of Racial Discrimination, to ask City Council to take a formal stand indicating its intention to deny the use of city parks and public places to hate groups.

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

**Will you be submitting a formal presentation?** Yes

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

Submitted on Monday, February 12, 2018 - 11:50 am

==Committee Requested==

**Committee:** General Issues Committee

==Requestor Information==

**Name of Individual:** Barry Conway

**Name of Organization:** CUPE Local 5167

**Contact Number:** 905-537-7048

**Email Address:** [conway@cupe5167.org](mailto:conway@cupe5167.org)

**Mailing Address:**

818 King St E

Hamilton On

L8M 1B2

**Reason(s) for delegation request:** Would like to speak to the motion put forward on January 17, 2018, motion 8.9 CM18003-PW18010 - Stadium Event Booking. Would like to be heard when it is reconsidered.

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

**Will you be submitting a formal presentation?** Yes

## 4.4

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

Submitted on Monday, February 12, 2018 - 3:02 pm

==Committee Requested==

**Committee:** General Issues Committee

==Requestor Information==

**Name of Individual:** Anthony Marco

**Name of Organization:** Hamilton and District Labour Council

**Contact Number:** 9055156486

**Email Address:** [amarco@rogers.com](mailto:amarco@rogers.com)

**Mailing Address:**

210-1130 Barton Street East

Hamilton, Ontario L8H 7P9

**Reason(s) for delegation request:** To discuss concerns with contracting out event booking for Tim Horton's field and the dangers of municipalities creeping towards Private/Public Partnerships when services could be provided in-house. We understand this meeting will likely occur on February 27th.

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

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



Hamilton

**CAPITAL PROJECTS WORK-IN-PROGRESS REVIEW  
SUB-COMMITTEE  
REPORT 18-001**

9:30 a.m.  
January 29, 2018  
Room 264  
Hamilton City Hall

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**Present:** Councillors C. Collins (Chair), J. Partridge (Vice-Chair), D. Conley, M. Pearson and B. Johnson

**Absent:** Councillor T. Whitehead (City Business)

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**THE CAPITAL PROJECTS WORK-IN-PROGRESS REVIEW SUB-COMMITTEE PRESENTS REPORT 18-001 AND RESPECTFULLY RECOMMENDS:**

1. **Public Works - Capital Projects Status Report as of September 30, 2017 (FCS17076(a)) (City Wide) (Item 8.1) (attached hereto)**
  - (a) That the Capital Projects Status Report, Public Works Tax Supported Projects, as of September 30, 2017, attached as Appendix "A" to Report FCS17076(a), be received; and,
  - (b) That the Capital Project Status Report, Public Works Rate Supported Projects, as of September 30, 2017, attached as Appendix "B" to Report FCS17076(a), be received.

**FOR INFORMATION:**

**(a) CHANGES TO THE AGENDA (Item 1)**

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

- (i) Item 8.2 was moved up the agenda for discussion before Item 8.1, to allow staff to leave the meeting once they had answered questions from committee.

The agenda for the January 29, 2018 Capital Projects Work-In-Progress Review Sub-Committee meeting was approved, as amended.



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

There were no declarations of interest.

**(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 3)**

**(i) September 21, 2017 (Item 3.1)**

The Minutes of the September 21, 2017 meeting of the Capital Projects Work-In-Progress Review Sub-Committee meeting were approved, as presented.

**(d) DISCUSSION ITEMS (Item 8)**

**(i) Capital Projects Closing Report as of September 30, 2017 (FCS17078(a)) (City Wide) (Item 8.2)**

Report FCS17078(a) - Capital Projects Closing Report as of September 30, 2017, was deferred to the February 8, 2018 Capital Projects Work-in-Progress Meeting, to allow for non-Public Works items to be discussed.

**(d) ADJOURNMENT (Item 13)**

There being no further business, the Capital Projects Work-In-Progress Review Sub-Committee, was adjourned at 10:38 a.m.

Respectfully submitted,

Councillor Collins, Chair  
Capital Projects Work-in-Progress  
Sub-Committee

Angela McRae  
Legislative Coordinator  
Office of the City Clerk



**CITY OF HAMILTON**  
**CORPORATE SERVICES DEPARTMENT**  
*Financial Planning, Administration and Policy Division*

|                           |                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------|
| <b>TO:</b>                | Chair and Members<br>Capital Projects Work-in-Progress Sub-Committee                                       |
| <b>COMMITTEE DATE:</b>    | January 29, 2018                                                                                           |
| <b>SUBJECT/REPORT NO:</b> | Public Works - Capital Projects Status Report as of September 30, 2017 (FCS17076(a)) (City Wide)           |
| <b>WARD(S) AFFECTED:</b>  | City Wide                                                                                                  |
| <b>PREPARED BY:</b>       | Abe Chegou (905) 546-2424 Ext. 4047                                                                        |
| <b>SUBMITTED BY:</b>      | Brian McMullen<br>Director, Financial Planning, Administration and Policy<br>Corporate Services Department |
| <b>SIGNATURE:</b>         |                           |

### RECOMMENDATIONS

- (a) That the Capital Projects Status Report, Public Works Tax Supported Projects, as of September 30, 2017, attached as Appendix "A" to Report FCS17076(a), be received;
- (b) That the Capital Project Status Report, Public Works Rate Supported Projects, as of September 30, 2017, attached as Appendix "B" to Report FCS17076(a), be received.

### EXECUTIVE SUMMARY

This Report presents the status of capital projects for the Public Works Tax and Rate Supported Capital Budget and is based on forecasted and committed expenditures to September 30, 2017.

Appendix "A" to Report FCS17076(a) reflects the status of the Public Works Tax Supported Projects totalling \$890.6 M, of which \$678.1 M or 76.1% is spent or committed as of September 30, 2017.

Appendix "B" to Report FCS17076(a) reflects the status of the Public Works Rate Supported Projects and consists of projects totalling \$869.0 M, of which \$673.1 M or 77.5% is spent or committed as of September 30, 2017.

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

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

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

**SUBJECT: Public Works - Capital Projects Status Report as of  
September 30, 2017 (FCS17076(a)) (City Wide) – Page 2 of 4**

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The following Table shows the trend, over the last four years, in project completion percentage.

**Percentage of Completion Comparison as of September 30**

|                       | <b>2017</b> | <b>2016</b> | <b>2015</b> | <b>2014</b> |
|-----------------------|-------------|-------------|-------------|-------------|
| Tax Supported Program | 76.1%       | 82.4%       | 75.7%       | 84.1%       |
| Rate Supported        | 77.5%       | 81.5%       | 82.5%       | 75.0%       |

***Alternatives for Consideration – Not Applicable***

**FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

Financial: N/A

Staffing: N/A

Legal: N/A

**HISTORICAL BACKGROUND**

The Capital Status and Capital Project Closing reports are submitted to City Council three times a year as of June 30, September 30 and December 31.

On July 10, 2015, Council approved changes to the City's Capital Project Monitoring Policy. Previously, staff reported on the status of the Capital Work-in-Progress projects to their respective Standing Committees. The amended Policy has staff submit the Status of the Capital Work-in-Progress projects to the Capital Projects Works-in-Progress Sub-Committee.

Previously, on December 14, 2011, Council approved Report FCS11073(a) which directed staff to review the Capital Projects Status and Closing process and that a process where departments report to their respective Standing Committees on the status of the Capital Work-in-Progress projects be implemented. Finance staff has finalized a procedure and has provided departments with templates to commence Standing Committee reporting for the June 30, 2013 reporting period. Reports will be brought forth to Standing Committees three times per reporting year, as of June 30, September 30 and December 31. This will allow Standing Committees to review the status of a fewer number of projects, in greater detail, applicable to their area of oversight.

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**SUBJECT: Public Works - Capital Projects Status Report as of  
September 30, 2017 (FCS17076(a)) (City Wide) – Page 3 of 4**

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## **POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

Report FCS17076(a) meets the requirements of the Capital Project Monitoring Policy and Capital Projects Closing Policy including:

- That a Capital Projects Status report be submitted to Capital Projects Work-in-Progress Sub-Committee three times a year as of June 30, September 30 and December 31.

## **RELEVANT CONSULTATION**

All Capital Project managers within Public Works have been consulted on the status of their projects.

## **ANALYSIS AND RATIONALE FOR RECOMMENDATION**

Council approved that capital projects are reviewed in accordance with the City's approved Capital Project Monitoring Policy. For each variance / closure report, staff determines if projects can be closed (inactivated) and also monitor financial activity to ensure that Council is aware of any capital projects which deviate significantly from approved budgeted amounts.

Inactivating completed projects helps to keep the number of capital projects in the financial system to a manageable size and eliminates redundant data from reports. More importantly, it ensures that projects which are complete and / or no longer required do not unnecessarily tie up budget resources that could be re-directed to other needs / capital projects.

The financial information in Report FCS17076(a) is based on spending to September 30, 2017.

## **ALTERNATIVES FOR CONSIDERATION**

Not applicable.

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

### **Community Engagement & Participation**

*Hamilton* has an open, transparent and accessible approach to City government that engages with and empowers all citizens to be involved in their community.

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**SUBJECT: Public Works - Capital Projects Status Report as of  
September 30, 2017 (FCS17076(a)) (City Wide) – Page 4 of 4**

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**Economic Prosperity and Growth**

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

**Built Environment and Infrastructure**

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

**Our People and Performance**

*Hamiltonians have a high level of trust and confidence in their City government.*

**APPENDICES AND SCHEDULES ATTACHED**

Appendix "A" – Capital Projects Status Report – Public Works – Tax Supported Projects as of September 30, 2017

Appendix "B" – Capital Projects Status Report – Public Works – Rate Supported Projects as of September 30, 2017.

AC/dt

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

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**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects**  
As of September 30, 2017

| YEAR APPROVED               | PROJECT ID  | DESCRIPTION                          | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager       | STATUS EXPLANATION<br>as of September 30, 2017                                                                                      |
|-----------------------------|-------------|--------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|                             |             |                                      | a                    | b                        | c                   | d                                       | e                           |                       |                                                                                                                                     |
| <b>Pan-Am Games</b>         |             |                                      |                      |                          |                     |                                         |                             |                       |                                                                                                                                     |
| 2011                        | 3621154100  | Pan Am Games - Ivor Wynne            | 149,700,000          | 140,366,022              | 10,339,587          | (1,005,609)                             | 100.7%                      | C.Ippolito            | In Litigation - Discovery Period on-going. Purchase Order pending closure which will eliminate over expenditure of available funds. |
| <b>Total Pan-Am</b>         |             |                                      | <b>149,700,000</b>   | <b>140,366,022</b>       | <b>10,339,587</b>   | <b>(1,005,609)</b>                      | <b>100.7%</b>               |                       |                                                                                                                                     |
| <b>Parks &amp; Cemetery</b> |             |                                      |                      |                          |                     |                                         |                             |                       |                                                                                                                                     |
| 2014                        | 4401451700  | 2014 Small Equipment Replace         | 120,000              | 97,028                   | 27,712              | (4,740)                                 | 104.0%                      | S.Williams            | PO closure in process. Funds to be transferred to 4401751700 to facilitate small equipment replacements.                            |
| 2014                        | 4401453100  | Cemetery Software Replacement        | 60,000               | 50,000                   | 0                   | 10,000                                  | 83.3%                       | S.Clarke              | Q4 2017 to address software implementation issues                                                                                   |
| 2015                        | 4241509110  | Victoria Park - Resurface Spla       | 140,000              | 0                        | 0                   | 140,000                                 | 0.0%                        | K.Bunn                | Refurbishment of spray pad to be completed in Q2 2018 so as not to impact summer operations                                         |
| 2015                        | 4401549002  | Marina Pier&Dock Repair-Replc        | 252,100              | 118,868                  | 1,356               | 131,876                                 | 47.7%                       | W.Kindree             | Waterfront Shoreline restoration and erosion mitigation works, timing dependent on available funds                                  |
| 2015                        | 4401549007  | Cemetery Columbarium                 | 240,000              | 160,310                  | 71,203              | 8,487                                   | 96.5%                       | W.Kindree/S. Clarke   | Mt. Hamilton project complete, remaining funds to be transferred to support Woodlands Columbarium project 4401649007, Q4-2017       |
| 2015                        | 4401549107  | Park Fencing Program                 | 122,000              | 103,293                  | 0                   | 18,707                                  | 84.7%                       | W.Kindree/A. McDonald | Various locations to be completed when seasonally appropriate. Completion Q4 2017                                                   |
| 2015                        | 4401549503  | Cemetery Development                 | 183,320              | 59,399                   | 123,921             | 0                                       | 100.0%                      | S.Clarke              | Mount Hamilton Master Plan and Woodlands Columbarium Development ongoing Q4 2017 - Q1 2018                                          |
| 2015                        | 4401549607  | Outdoor Ice Rink Program             | 50,000               | 40,667                   | 6,288               | 3,045                                   | 93.9%                       | W.Kindree/A. McDonald | Completed Q4-2017                                                                                                                   |
| 2015                        | 4401549612  | Cemetery Id Signs                    | 40,000               | 29,500                   | 10,500              | 0                                       | 100.0%                      | W.Kindree/A. McDonald | To transfer funds to 4401649612, to be aggregated in support of the Mount Hamilton Sign.                                            |
| 2015                        | 4401552600  | Playground Lifecycle Replace         | 195,000              | 178,021                  | 12,800              | 4,179                                   | 97.9%                       | W.Kindree/S. Ames     | Remaining funds combined with Project ID 4401752600 complete a large project, completion Q3 2017.                                   |
| 2015                        | 4241509110* | Victoria Park - Resurface Splash Pad | 140,000              | 0                        | 0                   | 140,000                                 | 0.0%                        | W.Kindree/A. McDonald | Refurbishment of spray pad to be completed in Q2 2018.                                                                              |
| 2016                        | 4241609101  | Native Wildflower Garden             | 5,000                | 0                        | 0                   | 5,000                                   | 0.0%                        | K.Bunn                | Project completion Q4 2017                                                                                                          |
| 2016                        | 4241609103  | Upgrades to Dow Parkette             | 300,000              | 10,712                   | 0                   | 289,288                                 | 3.6%                        | K.Bunn                | Project managed through the Ward Councillors Office directly.                                                                       |
| 2016                        | 4241609104  | Victoria Park Playground             | 80,000               | 0                        | 0                   | 80,000                                  | 0.0%                        | K.Bunn                | Project initiated, to be completed Q2-2018                                                                                          |

City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects  
As of September 30, 2017

| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                   | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager       | STATUS EXPLANATION<br>as of September 30, 2017                                                                                   |
|---------------|-------------|-----------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                               | a                    | b                        | c                   | d                                       | e                           |                       |                                                                                                                                  |
| 2016          | 4241609205* | Dog Park Amenities                            | 20,000               | 0                        | 20,000              | 0                                       | 100.0%                      | W.Kindree/A. McDonald | To be completed Q4 2017                                                                                                          |
| 2016          | 4241609603* | Irrigation System Macassa Park                | 120,000              | 79,627                   | 0                   | 40,373                                  | 66.4%                       | W.Kindree/A. McDonald | Increased capacity proposed for new irrigation system Q2 2018                                                                    |
| 2016          | 4401611601  | Cemetery Roads Rehabilitation Program         | 95,000               | 23,845                   | 15,253              | 55,902                                  | 41.2%                       | W.Kindree/S. Clarke   | Work to be completed 2017 at Woodlands Cemetery                                                                                  |
| 2016          | 4401641001  | Cemetery Building Repairs                     | 80,000               | 6,181                    | 45,890              | 27,929                                  | 65.1%                       | W.Kindree/S. Clarke   | Completion Q4 2017 for Mount Hamilton Improvements                                                                               |
| 2016          | 4401649007  | Cemetery Columbarium                          | 50,000               | 0                        | 50,000              | 0                                       | 100.0%                      | R.Martin/S. Clarke    | Work to be completed 2017 at Woodlands Cemetery                                                                                  |
| 2016          | 4401649008  | Extreme Park Makeover Program                 | 45,000               | 29,613                   | 0                   | 15,387                                  | 65.8%                       | A.Moroz               | Remaining funds to be transferred to 4401749008.                                                                                 |
| 2016          | 4401649101  | Park Pathway Resurfacing Program              | 200,000              | 144,513                  | 98,460              | (42,973)                                | 121.5%                      | W.Kindree/A. McDonald | Various locations to be completed when seasonally appropriate Q4 2017. Transfer funds from 4401749101 to cover negative variance |
| 2016          | 4401649102  | Sports Field Rehab Program                    | 80,000               | 12,615                   | 59,166              | 8,219                                   | 89.7%                       | W.Kindree/A. McDonald | Funding to be allocated to 2018 Woodlands Park 2017-Field and pathway improvements                                               |
| 2016          | 4401649104  | Park Sports/Security Lighting Upgrade Program | 30,000               | 3,656                    | 0                   | 26,344                                  | 12.2%                       | W.Kindree/A. McDonald | LED upgrades and replacements to park lighting Completion Q4 2017                                                                |
| 2016          | 4401649607  | Outdoor Ice Rink Program                      | 50,000               | 27,851                   | 22,616              | (467)                                   | 100.9%                      | W.Kindree/A. McDonald | Project complete and pending final invoice payments.                                                                             |
| 2016          | 4401649612  | Cemetery ID Sign Program                      | 50,000               | 31,291                   | 18,709              | 0                                       | 100.0%                      | W.Kindree/A. McDonald | Mount Hamilton Sign Completion Q4 2017                                                                                           |
| 2016          | 4401651601  | Equipment Acquisition (DC) Program            | 247,000              | 0                        | 3,728               | 243,272                                 | 1.5%                        | S.Williams            | Procurement process underway, subject to Fleet timing projects should be closed by Q1 2018                                       |
| 2016          | 4401652600  | Playground Lifecycle Replacement Program      | 200,000              | 0                        | 200,000             | 0                                       | 100.0%                      | W.Kindree/S. Ames     | Completion Q4 2017-Gage Park                                                                                                     |
| 2016          | 4401654699  | Tennis Court Rehabilitation Program           | 70,000               | 14,020                   | 17,500              | 38,480                                  | 45.0%                       | W.Kindree/S. Ames     | Project Complete. Remaining funds to address deficiencies in 2018 as needed.                                                     |
| 2016          | 4401656001* | Leashfree Dog Park Program                    | 60,000               | 1,042                    | 0                   | 58,958                                  | 1.7%                        | A.McDonald            | Improvements and repairs to Cathedral Dog Park, Borers Dog Park Completion Q4 2017                                               |
| 2017          | 4401711601  | Cemetery Roads Rehab Program                  | 80,000               | 65,000                   | 15,750              | (750)                                   | 100.9%                      | W.Kindree/S. Clarke   | Asphalt work, including Mount Hamilton Q3 2017.                                                                                  |
| 2017          | 4401718002  | Pedestrian Bridge Repl&Repair                 | 75,000               | 0                        | 0                   | 75,000                                  | 0.0%                        | W.Kindree/A. McDonald | Expected completion Q2 2018.                                                                                                     |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects**  
As of September 30, 2017

| YEAR APPROVED                     | PROJECT ID | DESCRIPTION                   | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager       | STATUS EXPLANATION<br>as of September 30, 2017                                                            |
|-----------------------------------|------------|-------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------|
|                                   |            |                               | a                    | b                        | c                   | d                                       | e                           |                       |                                                                                                           |
| 2017                              | 4401741001 | Cemetery Building Repairs     | 75,000               | 0                        | 0                   | 75,000                                  | 0.0%                        | W.Kindree/S. Clarke   | Mount Hamilton Works building repairs, Q4 2017/Q1 2018                                                    |
| 2017                              | 4401749007 | Cemetery Columbarium          | 50,000               | 0                        | 46,415              | 3,585                                   | 92.8%                       | S. Clarke             | Completion Q4 2017 for Woodlands Columbarium                                                              |
| 2017                              | 4401749008 | Extreme Park Makeover         | 23,000               | 13,023                   | 0                   | 9,977                                   | 56.6%                       | A.Moroz               | North Central Park Complete. Funds to be transferred to 2018 project ID when feasible for Woodlands Park. |
| 2017                              | 4401749101 | Park Pathway Resurfacing      | 220,000              | 147,477                  | 12,099              | 60,424                                  | 72.5%                       | W.Kindree/A. McDonald | Project to be completed in Q4 2017                                                                        |
| 2017                              | 4401749104 | Security Lighting Program     | 43,400               | 1,832                    | 0                   | 41,568                                  | 4.2%                        | W.Kindree/A. McDonald | LED upgrades and replacements to park lighting 'Completion Q4 2017                                        |
| 2017                              | 4401749107 | Park Fencing Program          | 100,000              | 13,620                   | 64,288              | 22,092                                  | 77.9%                       | W.Kindree/A. McDonald | Various locations Q4 2017                                                                                 |
| 2017                              | 4401749510 | Spraypad Infrastructure Rehab | 116,321              | 0                        | 0                   | 116,321                                 | 0.0%                        | W.Kindree/A. McDonald | Gage Park pressure investigation, Q2 2018                                                                 |
| 2017                              | 4401749607 | Outdoor Ice Rink Program      | 35,000               | 0                        | 3,000               | 32,000                                  | 8.6%                        | W.Kindree/A. McDonald | Expected completion Q4 2017                                                                               |
| 2017                              | 4401749610 | Park bleacher Replacement     | 40,000               | 1,094                    | 0                   | 38,906                                  | 2.7%                        | W.Kindree/A. McDonald | Expected completion Q2 2018.                                                                              |
| 2017                              | 4401749612 | Cemetery Id Signs             | 45,000               | 0                        | 23,390              | 21,610                                  | 52.0%                       | W.Kindree/A. McDonald | Mount Hamilton Sign Completion Q4 2017                                                                    |
| 2017                              | 4401751501 | Sportsfield Irrigation System | 60,000               | 17,723                   | 6,882               | 35,395                                  | 41.0%                       | W.Kindree/A. McDonald | Turner Park Irrigation Q3 2017 (Complete)                                                                 |
| 2017                              | 4401751601 | Equipment Acquisitions - DC   | 363,155              | 0                        | 91,420              | 271,735                                 | 25.2%                       | S.Williams            | 'In process of inventory and replacement schedule. Fully committed and spent by Q3 2018.                  |
| 2017                              | 4401751700 | 2017 Small Equipment Replace  | 75,000               | 11,722                   | 59,235              | 4,043                                   | 94.6%                       | S.Williams            | In process of inventory and replacement schedule Q2 2018.                                                 |
| 2017                              | 4401752100 | CSA Safety Material Replace   | 107,832              | 80,472                   | 22,920              | 4,440                                   | 95.9%                       | W.Kindree/S. Ames     | Various locations, work complete Q4 2017                                                                  |
| 2017                              | 4401752600 | Playground Lifecycle Replace  | 194,068              | 85,581                   | 89,890              | 18,597                                  | 90.4%                       | W.Kindree/S. Ames     | Various locations, work complete Q4 2017                                                                  |
| 2017                              | 4401756001 | Leash free Dog Park Program   | 107,458              | 4,543                    | 39,700              | 63,215                                  | 41.2%                       | A.McDonald            | Investigation to shade/amenity provisions at various dog parks, Q4 2017                                   |
| 2017                              | 4401756709 | Augustus Jones Fountain Rep   | 13,750               | 0                        | 0                   | 13,750                                  | 0.0%                        | K.Bunn                | Work completed under different account, journal transfer required.                                        |
| 2017                              | 4401756711 | Felker Prk-Play Structure     | 95,000               | 0                        | 0                   | 95,000                                  | 0.0%                        | K.Bunn                | Project initiated, to be completed Q2-2018                                                                |
| <b>Total Parks &amp; Cemetery</b> |            |                               | <b>5,243,404</b>     | <b>1,664,139</b>         | <b>1,280,091</b>    | <b>2,299,174</b>                        | <b>56.2%</b>                |                       |                                                                                                           |



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| YEAR APPROVED                            | PROJECT ID  | DESCRIPTION                           | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager | STATUS EXPLANATION as of September 30, 2017                                                                                                                                             |
|------------------------------------------|-------------|---------------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                          |             |                                       | a                    | b                        | c                   | d                                    | e                        |                 |                                                                                                                                                                                         |
| <b>Forestry &amp; Horticulture</b>       |             |                                       |                      |                          |                     |                                      |                          |                 |                                                                                                                                                                                         |
| 2011                                     | 4451153001  | Emerald Ash Borer Plan                | 11,776,631           | 10,465,311               | 963,783             | 347,537                              | 97.0%                    | L.Seely         | Multi-yr. program. 10-yr removal and replanting strategy. Additional funds to this project ID until 2022. Expenditures of the 10-yr life of the program will be as approved by Council  |
| 2014                                     | 4451451004* | Gage Park Tropical House              | 5,225,500            | 1,357,740                | 3,885,575           | (17,815)                             | 100.3%                   | L.Seely         | Construction ongoing. Completion target Fall 2018. Variance to be mitigated at year end from surplus capital from Project ID 4451451009 (1301 Upper Ottawa Yard Enhancement)            |
| 2014                                     | 4451451009  | 1301 Upper Ottawa St Yard Enhancement | 455,000              | 403,919                  | 35,790              | 15,291                               | 96.6%                    | J.Taylor        | Project Complete and pending PO Closure. To transfer surplus funds to Project ID 4451451004 (Gage Park Tropical House)                                                                  |
| 2015                                     | 4241509678* | Mountain Brow Vista Study Plan        | 278,000              | 127,776                  | 16,230              | 133,994                              | 51.8%                    | M.Monaghan      | On-going program with next steps being implemented. Expected completion prior to year end.                                                                                              |
| 2016                                     | 4241609507* | Tree Planting Wrd 5                   | 400,000              | 76,453                   | 15,458              | 308,089                              | 23.0%                    | L.Seely         | Multi-year, Councillor initiated project. Staff working with community representatives and Ward Councillor to identify and investigate planting locations for the 2018 planting season. |
| 2016                                     | 4451653444  | Tree Planting Program                 | 1,345,000            | 1,153,859                | 71,237              | 119,904                              | 91.1%                    | L.Seely         | Project complete, pending invoice processing. Transfer surplus funds to 4451753444.                                                                                                     |
| 2016                                     | 4451653644  | Tree Planting Progrm Wards 3-5        | 398,910              | 124,620                  | 0                   | 274,290                              | 31.2%                    | L.Seely         | Multi-year Councillor initiated project, Community coordination and Staff Directed programs in progress.                                                                                |
| 2017                                     | 4451749701* | W1 Beautification-Victoria Pk         | 70,000               | 12,080                   | 0                   | 57,920                               | 17.3%                    | L.Seely         | Project completed. Return surplus funds to source. Close September 30.                                                                                                                  |
| 2017                                     | 4451751007  | Rural Street&Prk Tree Inventor        | 140,000              | (14,006)                 | 110,257             | 43,749                               | 68.8%                    | L.Seely         | Multi-year project, in year 2 of 3. Expected completion Q4 2018.                                                                                                                        |
| 2017                                     | 4451751700  | 2017 Small Equipment Replace          | 60,000               | 4,960                    | 17,626              | 37,414                               | 37.6%                    | L.Seely         | Small Equipment Replacement project is in year 1 of 3. Expenditure on target.                                                                                                           |
| 2017                                     | 4451753444  | Tree Planting Program                 | 2,001,020            | 1,416,847                | 866,253             | (282,080)                            | 114.1%                   | L.Seely         | Project ongoing, variance to be mitigated by year end.                                                                                                                                  |
| <b>Total Forestry &amp; Horticulture</b> |             |                                       | <b>22,150,061</b>    | <b>15,129,559</b>        | <b>5,982,209</b>    | <b>1,038,293</b>                     | <b>95.3%</b>             |                 |                                                                                                                                                                                         |

**Waste Management**

|      |            |                                          |           |           |           |         |        |          |                                                                                |
|------|------------|------------------------------------------|-----------|-----------|-----------|---------|--------|----------|--------------------------------------------------------------------------------|
| 2008 | 5120892410 | West Hamilton Landfill Stabilization     | 250,000   | 237,322   | 12,418    | 260     | 99.9%  | R.Conley | Waiting on final invoices to be submitted.                                     |
| 2009 | 5120991101 | Glanbrook Landfill-Stage 3 Development   | 6,800,000 | 2,203,374 | 4,584,832 | 11,794  | 99.8%  | R.Conley | Contract awarded and has commenced. Expect completion at the end of Q4 2017.   |
| 2012 | 5121241200 | Accommodation Updates                    | 200,000   | 4,636     | 0         | 195,364 | 2.3%   | R.Ellis  | Approvals are in progress and work is being priced for accommodation of staff. |
| 2012 | 5121290111 | Leaf&Yard Composting Facility Relocation | 200,000   | 105,200   | 94,995    | (195)   | 100.1% | R.Conley | Project complete pending final payment of invoices.                            |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

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| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                               | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager        | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                                                    |
|---------------|-------------|-----------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                                           | a                    | b                        | c                   | d                                       | e                           |                        |                                                                                                                                                                                                                                                                   |
| 2013          | 5121357001  | GPS System-Curbside Collection                            | 85,000               | 69,177                   | 4,656               | 11,167                                  | 86.9%                       | C.Vidler               | Keep account open. RFP to be issued in Q4-2017 which requires the remaining funds                                                                                                                                                                                 |
| 2014          | 4241409206* | Poster Kiosks                                             | 70,000               | 0                        | 0                   | 70,000                                  | 0.0%                        | P.Wobschall/<br>K.Bunn | Consultation with stakeholders re locations within Ward 2 are being finalized. RFQs are being prepared for manufacturing and install. Installation planned Q2 2018.                                                                                               |
| 2014          | 5121449002  | CCF Air Handling-Odour Control                            | 1,246,000            | 333,504                  | 0                   | 912,496                                 | 26.8%                       | J.McCormick            | Currently preparing to conduct pilot testing and obtaining regulatory approvals. Anticipate completion Q2 2018.                                                                                                                                                   |
| 2014          | 5121490411  | MRF Remediation                                           | 210,000              | 101,666                  | 100,092             | 8,242                                   | 96.1%                       | E.Prpic                | Currently completing RSC process including Phase I & II ESAs. Anticipate project completion Q2 / Q3 2018.                                                                                                                                                         |
| 2014          | 5121490530  | Sign Kiosks&Poster Sleeve Prgm                            | 200,000              | 0                        | 0                   | 200,000                                 | 0.0%                        | P.Wobschall            | Consultation with BIAs re locations are being finalized. RFQs are being prepared for manufacturing and install. Installation planned Q2 2018                                                                                                                      |
| 2014          | 5121492000  | Closed Landfill Maint&Cap Impr                            | 172,000              | 83,504                   | 34,682              | 53,814                                  | 68.7%                       | R.Conley               | Available funds to be utilized for the contract administration extension of West Hamilton slope remediation. Will be committed by end of November 2017.                                                                                                           |
| 2014          | 5121492410  | WH-Bank Stabilization South                               | 2,245,000            | 1,678,287                | 70,844              | 495,869                                 | 77.9%                       | R.Conley               | Due to extreme flooding in the spring of 2017 this project was extended with both time and materials as specified by engineers to meet MTO specs. Permission to extend works was granted by the DFO and HCA. This project will be closed out by December of 2017. |
| 2015          | 5121591000  | Glan Landfill Cap Improvements                            | 222,000              | 104,585                  | 43,914              | 73,501                                  | 66.9%                       | R.Conley               | Work has been put on hold. Waiting on a business plan from WSP. To review business plan in Q4 2017.                                                                                                                                                               |
| 2015          | 5121594511  | Transfer Stn & CRC Expansion                              | 200,000              | 73,926                   | 0                   | 126,074                                 | 37.0%                       | J.McCormick            | Recommendations from report are being used to complete LEAN (Six Sigma Continuous Improvement) exercise and capital improvements/ expansion will be implemented by Q4 2018                                                                                        |
| 2016          | 5121651602  | New Driver/Vehicle Technology                             | 100,000              | 29,277                   | 4,495               | 66,228                                  | 33.8%                       | C.Vidler               | Keep account open. RFP to be issued in Q4-2017 which will need the remaining funds                                                                                                                                                                                |
| 2016          | 5121655610  | 2020 Waste System Planning                                | 450,000              | 132,059                  | 2,372               | 315,569                                 | 29.9%                       | E.Prpic                | Work ongoing. Funds to be committed in 2017/2018 for RFP review/contract preparation                                                                                                                                                                              |
| 2016          | 5121691000  | Glanbrook Landfill Capital Improvement Program            | 275,000              | 216,554                  | 55,972              | 2,474                                   | 99.1%                       | R.Conley               | Project complete, pending payment of final invoices.                                                                                                                                                                                                              |
| 2016          | 5121692000  | Closed Landfill Maintenance & Capital Improvement Program | 290,000              | 213,997                  | 73,414              | 2,589                                   | 99.1%                       | E.Prpic                | Project complete, pending payment of final invoices.                                                                                                                                                                                                              |
| 2016          | 5121693000  | Maint & Capital Improvements-Resource Recovery Centre     | 87,200               | 43,728                   | 0                   | 43,472                                  | 50.1%                       | E.Prpic                | Container line performance audit is ongoing.                                                                                                                                                                                                                      |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) revenues

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|-------------------------------|------------|--------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               |            |                                      | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                                                                            |
| 2016                          | 5121695525 | SWMMP - Planning & Approvals Program | 90,000               | 25,237                   | 0                   | 64,763                                  | 28.0%                       | E.Prpic         | Funds to be committed in Q1-2018 (pending outcome of Multi Residential Strategy report)                                                                                                                    |
| 2017                          | 5121755137 | Waste Management R&D                 | 195,000              | 70,516                   | 15,460              | 109,024                                 | 44.1%                       | E.Prpic         | P.O.'s open for current projects which will continue into 2018. Remaining funds to be committed in Q1-2018 (pending outcome of Multi Residential Strategy report)                                          |
| 2017                          | 5121790100 | CCF Rolling Stock Replacement        | 1,097,000            | 0                        | 0                   | 1,097,000                               | 0.0%                        | E.Prpic         | Front-end loaders to be purchased in Q4.                                                                                                                                                                   |
| 2017                          | 5121790200 | Diversion Container Replcemnt        | 695,000              | 538,595                  | 147,832             | 8,573                                   | 98.8%                       | C.Vidler        | Keep account open. P.O's currently being used and funds will be committed by year end                                                                                                                      |
| 2017                          | 5121790700 | PublicSpace&Sp Event Containers      | 250,000              | 4,469                    | 181,000             | 64,531                                  | 74.2%                       | C.Vidler        | P.O. issued and funds to be committed                                                                                                                                                                      |
| 2017                          | 5121791000 | Glan Landfill Cap Improvements       | 305,000              | 273,202                  | 30,594              | 1,204                                   | 99.6%                       | R.Conley        | Project complete, pending payment of final invoices.                                                                                                                                                       |
| 2017                          | 5121792000 | Closed Landfill Maint&Cap Imp        | 211,000              | (35,046)                 | 168,407             | 77,639                                  | 63.2%                       | E.Prpic         | Work includes flushing leachate collection systems at various landfill sites, various maintenance work, and consultant reports to be funded from this project ID. Expect to be fully committed by Q4 2017. |
| 2017                          | 5121793000 | Resource Recovery Centre             | 270,000              | 46,192                   | 84,866              | 138,942                                 | 48.5%                       | J.McCormick     | Projects are on going - Please keep open                                                                                                                                                                   |
| 2017                          | 5121794000 | Transf Stn CRC Main Improv           | 543,856              | 109,137                  | 260,315             | 174,404                                 | 67.9%                       | J.McCormick     | Projects are on going - Please keep open                                                                                                                                                                   |
| 2017                          | 5121794002 | Transfer Stn Door Replace            | 200,000              | 124,267                  | 1,633               | 74,100                                  | 63.0%                       | J.McCormick     | Pending payment of final invoice.                                                                                                                                                                          |
| 2017                          | 5121794700 | Weighscale Software Upgrade          | 130,000              | 0                        | 126,466             | 3,534                                   | 97.3%                       | E.Prpic         | Funding will be fully utilized by end of Q1 2018.                                                                                                                                                          |
| 2017                          | 5121794729 | SWMMP - Ait Disposal Facility        | 0                    | 0                        | 0                   | 0                                       | 0.0%                        | E.Prpic         | This project has been deferred.                                                                                                                                                                            |
| 2017                          | 5121795525 | SWMMP- Planning&Approvals Prgm       | 120,000              | 0                        | 0                   | 120,000                                 | 0.0%                        | E.Prpic         | Funds to be committed in Q1-2018 (pending outcome of Multi-Residential Strategy report)                                                                                                                    |
| <b>Total Waste Management</b> |            |                                      | <b>17,409,056</b>    | <b>6,787,365</b>         | <b>6,099,259</b>    | <b>4,522,432</b>                        | <b>74.0%</b>                |                 |                                                                                                                                                                                                            |

Open Space Development

|      |            |                                   |           |           |         |         |        |           |                                                                                                                                                                                                                     |
|------|------------|-----------------------------------|-----------|-----------|---------|---------|--------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2007 | 4400756103 | Heritage Green Sports Park        | 3,263,800 | 3,237,819 | 30,000  | (4,019) | 100.1% | M.Stewart | Works yard construction ongoing per site plan approval. Project coordinated by Parks Operations staff. Keep open until construction complete.                                                                       |
| 2007 | 4400756755 | Joe Sams Park Phase 2 Development | 3,365,000 | 2,547,693 | 175,144 | 642,163 | 80.9%  | L.Stasiuk | Ball diamond lighting project under construction. Estimated completion spring 2018. Design and construction of picnic shelter in coordination with Lion's Club in 2018. Multi-phase, multi-year project, keep open. |

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|---------------|-------------|-------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                                       | a                    | b                        | c                   | d                                       | e                           |                                |                                                                                                                                                                           |
| 2008          | 4400856600  | Olmstead Natural Open Space                           | 1,386,000            | 1,288,135                | 78,522              | 19,343                                  | 98.6%                       | C.Graham                       | Ongoing monitoring for vegetation establishment and erosion mitigation. Keep open.                                                                                        |
| 2010          | 4401056002* | The Gore Master Plan                                  | 3,699,454            | 3,488,006                | 56,308              | 155,140                                 | 95.8%                       | M.Stewart                      | Installation of the west beacon is complete. Future work for Phase 3 construction. Keep open.                                                                             |
| 2010          | 4401056060  | Open Space Replacement Strategy - East Mountain Trail | 1,216,000            | 801,129                  | 28,711              | 386,160                                 | 68.2%                       | J.van der Laan de Vries        | tender for the trail construction imminent, expected completion by July 2018. Keep open.                                                                                  |
| 2010          | 4401056090  | Johnson Tew Park                                      | 1,345,200            | 1,304,763                | 45,961              | (5,524)                                 | 100.4%                      | H.T.Lam                        | Project complete, pending warranty. Evaluating commitments to determine closures and final payments. Keep open                                                            |
| 2010          | 4401056127* | Churchill Park-Soccer Field & MP                      | 2,163,690            | 874,875                  | 17,677              | 1,271,138                               | 41.3%                       | H.T.Lam                        | Phase 1 construction tender is waiting on permit approval by the NEC. Multi-year, multi-phase program, keep open.                                                         |
| 2010          | 4401056521  | Trillium Seabreeze Park                               | 980,000              | 917,438                  | 3,425               | 59,137                                  | 94.0%                       | I.McQueen/M. Kosiuk            | The city is presently dealing with legal issues on the project. PW11-41 cannot be closed at this time.                                                                    |
| 2011          | 4401156916  | Freelton Community Park Development                   | 271,510              | 159,807                  | 0                   | 111,703                                 | 58.9%                       | L.Stasiuk/K. Berry             | project is complete. Funds identified for WIP funding of 2018 projects through the capital budget process.                                                                |
| 2012          | 4401255002  | Confederation Park Feasibility Study                  | 256,000              | 242,497                  | 12,800              | 703                                     | 99.7%                       | L.Stasiuk                      | Final version of the study pending. Keep open.                                                                                                                            |
| 2012          | 4401256126  | Shaver Neighbourhood Park Development                 | 1,511,777            | 996,755                  | 99,565              | 415,457                                 | 72.5%                       | J.van der Laan de Vries        | Tender closed in September 2017. Tender price exceeded available funds. Anticipate retendering in January 2018 to capitalize on historical low prices for winter tenders. |
| 2012          | 4401256201  | Fairgrounds Community Park                            | 387,846              | 278,767                  | 0                   | 109,079                                 | 71.9%                       | M.Kosiuk/Construction Services | Reappropriate remaining funds to Mount Hope Park Redevelopment - 4401456009 and close.                                                                                    |
| 2012          | 4401256516  | Trillium Garden Park                                  | 344,450              | 106,880                  | 34,512              | 203,058                                 | 41.0%                       | L.Thomassin                    | Design work in progress, restrictions due to natural heritage and grading. Future funds required for implementation.                                                      |
| 2012          | 4401256520  | Gage Park Redevelopment - Walkway Lighting and Paving | 2,894,416            | 2,132,985                | 78,211              | 683,220                                 | 76.4%                       | L.Thomassin                    | Re-evaluating work program, as coordination with Facilities upgrades was not feasible, and cost estimates exceed available funds. Multi-year, multi-phase program.        |
| 2012          | 4401256593  | Marimat Gardens University Gardens                    | 139,060              | 136,804                  | 2,300               | (44)                                    | 100.0%                      | M.Stewart                      | Reconcile and close                                                                                                                                                       |
| 2012          | 4401256613  | Ancaster Community Center Ball Diamond                | 468,305              | 111,586                  | 5,049               | 351,670                                 | 24.9%                       | K.Preston                      | Ongoing work with NEC for permit approval. Keep open.                                                                                                                     |
| 2012          | 4401256801  | Green Millen Shore Estates Waterfront                 | 825,000              | 652,310                  | 9,857               | 162,833                                 | 80.3%                       | M.Kosiuk                       | Final payments pending for the construction of the trail. Developer build. Keep open for final payment per PDFA.                                                          |
| 2013          | 4241309202* | McLaren Park - redevelopment                          | 748,450              | 732,298                  | 7,613               | 8,539                                   | 98.9%                       | M.Stewart                      | Project complete. Pending PO closure, reconcile and transfer funds to Beasley Park.                                                                                       |

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|---------------|-------------|----------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                              | a                    | b                        | c                   | d                                       | e                           |                         |                                                                                                                                                                                                                      |
| 2013          | 4401356002* | Beasley Park Rehabilitation                  | 2,086,475            | 329,738                  | 65,258              | 1,691,479                               | 18.9%                       | J.van der Laan de Vries | Tender anticipated imminently. Project on-going.                                                                                                                                                                     |
| 2013          | 4401356107  | Cherry Beach Lakefront Park                  | 3,812,100            | 2,367,079                | 225,231             | 1,219,790                               | 68.0%                       | M.Kosiuk/R. Estate      | Construction of shoreline works complete. Funds required for on-going works related to future park development. Ongoing, multi-year program.                                                                         |
| 2013          | 4401356124  | William Connell Community Park               | 5,440,000            | 1,941,297                | 3,507,681           | (8,978)                                 | 100.2%                      | M.Kosiuk                | Construction progressing. SWM pond mostly complete, with park amenities underway. Construction completion anticipated in Spring 2018. Future phase for building construction. Keep open until construction complete. |
| 2013          | 4401356541  | Borers Creek Trail Link                      | 774,000              | 236,555                  | 553,534             | (16,089)                                | 102.1%                      | L.Thomassin             | Construction is almost complete, anticipate substantial performance in Q4 2017. Keep open.                                                                                                                           |
| 2013          | 4401356801  | Confederation Park - Sports Park Development | 9,161,685            | 4,509,070                | 1,044,742           | 3,607,873                               | 60.6%                       | H.T.Lam                 | Demolition tender awarded, and underway. Design work for sports park on track for site plan application in Q4 2017. multi-year, multi-phased project, Keep open.                                                     |
| 2014          | 4241409204* | Outdoor Bake Oven                            | 15,000               | 0                        | 0                   | 15,000                                  | 0.0%                        | C.Graham                | Per PW Report 17-009, motion Item 10.1 reallocated this funding to Beasley Park project.                                                                                                                             |
| 2014          | 4241409214* | Beasley Skateboard Park                      | 80,000               | 8,711                    | 0                   | 71,289                                  | 10.9%                       | J.van der Laan de Vries | Tender anticipated imminently. Project on-going.                                                                                                                                                                     |
| 2014          | 4241409341* | Pipeline Master Trail Plan                   | 480,000              | 266,934                  | 47,666              | 165,400                                 | 65.5%                       | J.van der Laan de Vries | Deficiencies outstanding and being corrected fall 2017. Future phases of trail for design and construction in 2018.                                                                                                  |
| 2014          | 4401456009  | Mount Hope Park Redevelopment                | 700,000              | 127,147                  | 110,063             | 462,790                                 | 33.9%                       | M.Kosiuk                | Work to coordinate spray pad with library improvements did not yield favourable bids, so projects separated, per motion at PW on October 16, 2017. Tender anticipated in Q4, 2017. Keep open.                        |
| 2014          | 4401456101  | Perth Park - Grange School                   | 525,000              | 416,756                  | 0                   | 108,244                                 | 79.4%                       | M.Stewart               | Construction is complete. Keep open pending deficiency review and release of holdback.                                                                                                                               |
| 2014          | 4401456300  | Parkside Hills                               | 90,000               | 9,800                    | 0                   | 80,200                                  | 10.9%                       | L.Stasiuk               | Land exchange still pending. City does not yet own full extent of the property. Preliminary design work started, however, cannot proceed until land ownership is confirmed. Keep open.                               |
| 2014          | 4401456401* | Parkland - Stadium Precinct                  | 12,418,475           | 8,702,564                | 315,982             | 3,399,929                               | 72.6%                       | T.Briatico/M. Stewart   | Investigations and site work by LAS in progress. Anticipate Risk Assessment initiation Q4 2017 or Q1 2018.                                                                                                           |
| 2015          | 4241509115* | Urban Fitness Trail                          | 28,200               | 0                        | 0                   | 28,200                                  | 0.0%                        | L.Todd                  | Ward 4 Fitness trail, to coordinate with future of community centre, and pending funding for construction.                                                                                                           |
| 2015          | 4401556500  | Meadowlands Park Ph 8 & 10                   | 550,000              | 537,817                  | 201                 | 11,982                                  | 97.8%                       | M.Stewart               | Project complete. Pending PO closure, reconcile and transfer avail balance to 4401256126 - Shaver Neighbourhood Park Development                                                                                     |

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| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                                                                   | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager         | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                                         |
|---------------|-------------|-----------------------------------------------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                                                                               | a                    | b                        | c                   | d                                       | e                           |                         |                                                                                                                                                                                                                                                        |
| 2015          | 4401556503  | Heritage Green Sports Pk Ph II                                                                | 855,000              | 224,966                  | 8,056               | 621,978                                 | 27.3%                       | M.Stewart               | Tender awarded, and construction started on the spray pad and play area. Anticipated completion in spring 2018. Future funds for future phases required. Keep open.                                                                                    |
| 2015          | 4401556504  | Trails Master Plan Update                                                                     | 383,300              | 127,108                  | 242,360             | 13,832                                  | 96.4%                       | L.Todd                  | Multi-yr. program. Future funds required to implement individual trail initiatives. Pending construction of Key Drage Trail Link through this account, to be constructed in 2017, to be coordinated with stream restoration project for MOL conflicts. |
| 2015          | 4401556506  | Vincent Massey Park Developmnt                                                                | 644,000              | 565,832                  | 104,312             | (26,144)                                | 104.1%                      | J.van der Laan de Vries | Construction is complete. Keep open pending deficiencies and former holdback release.                                                                                                                                                                  |
| 2015          | 4401556510  | Dundas Valley HS Soccer                                                                       | 250,000              | 31,478                   | 0                   | 218,522                                 | 12.6%                       | C.Graham                | Funding contribution for soccer field. Funds to be committed on invoicing expected in 2017. Coordinated project through Recreation.                                                                                                                    |
| 2015          | 4401556511* | Nash Orchard Park                                                                             | 18,646               | 10,367                   | 0                   | 8,279                                   | 55.6%                       | M.Stewart               | Pre-design work has been initiated. Future funds required for implementation. Requirement for area development to progress prior to park work.                                                                                                         |
| 2015          | 4401556512  | Glanbrook Hills Park                                                                          | 780,000              | 627,612                  | 112,668             | 39,720                                  | 94.9%                       | M.Stewart               | Construction complete. Some additional work required on site to respond to safety concerns by public. Keep open.                                                                                                                                       |
| 2015          | 4401556513* | Riverdale East Park Spray Pad                                                                 | 520,000              | 476,288                  | 45,311              | (1,599)                                 | 100.3%                      | K.Wheaton               | Construction complete, including fix of deficiencies. Keep open pending holdback release. Closure of PO will reconcile overage.                                                                                                                        |
| 2015          | 4401556514* | St Christopher's Park                                                                         | 230,000              | 98,868                   | 500                 | 130,632                                 | 43.2%                       | C.Graham/A. McDonald    | Cllr driven program. Parks Ops Lead. Minor works remaining. Keep open until project is complete.                                                                                                                                                       |
| 2015          | 4401556516* | Carpenter Park Redevelopment                                                                  | 669,000              | 432,830                  | 170,992             | 65,178                                  | 90.3%                       | L.Thomassin             | Construction complete. Keep open pending holdback release.                                                                                                                                                                                             |
| 2015          | 4401556802  | Beach Park Dev Program                                                                        | 100,000              | 30,065                   | 0                   | 69,935                                  | 30.1%                       | C.Graham                | On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.                                                                                                                                                    |
| 2016          | 4401649620  | Confederation Park - Wild Waterworks - Creation of a Master Plan for the Waterpark - HCA Lead | 200,000              | 74,453                   | 126,169             | (622)                                   | 100.3%                      | L.Stasiuk/J. DiDomenico | HCA Lead; Project is a Ward Councillor priority. Funds are for Waterpark improvements and a visioning exercise to be used as input to future business strategy for the facility. Anticipated completion by Q3-2018                                     |
| 2016          | 4401655600  | Parks Testing and Reporting                                                                   | 46,700               | 42,667                   | 4,052               | (19)                                    | 100.0%                      | C.Graham                | Ongoing program required for testing and quality control at park and trail development projects.                                                                                                                                                       |
| 2016          | 4401656002  | Gore Master Plan Phase 2 (Open Space Development Blk)                                         | 1,652,000            | 1,317,760                | 357,794             | (23,554)                                | 101.4%                      | M.Stewart               | Installation of the west beacon is complete. Future work for Phase 3 construction. Keep open.                                                                                                                                                          |

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|---------------|-------------|-------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                     | a                    | b                        | c                   | d                                       | e                           |                      |                                                                                                                                                                    |
| 2016          | 4401656601  | Bobolink Replacement Habitat        | 204,000              | 132,994                  | 47,743              | 23,263                                  | 88.6%                       | K.Wheaton            | Bobolink habitat enhancement at Upper Ottawa Landfill site. Keep open for duration of the contract. Ongoing project, monitoring by MNR.                            |
| 2016          | 4401656602  | Summerlea East and West Trail       | 141,400              | 134,102                  | 0                   | 7,298                                   | 94.8%                       | M.Kosiuk             | Close and reconcile.                                                                                                                                               |
| 2016          | 4401656603  | Sam Lawrence Park                   | 170,000              | 49,180                   | 47,705              | 73,115                                  | 57.0%                       | L.Stasiuk            | Investigation of engineering requirements for works at park to address aging viewing decks. Ongoing program. Parks Ops Lead                                        |
| 2016          | 4401656605  | Upper Stoney Creek Splash Pad #2    | 605,010              | 95,487                   | 46,951              | 462,572                                 | 23.5%                       | M.Stewart            | Tender closed, waiting on award of the contract. Anticipated construction start in Q4 2017, with completion target of spring 2018.                                 |
| 2016          | 4401656610  | Turner Park Ball Field Irrigation   | 100,000              | 100,762                  | 0                   | (762)                                   | 100.8%                      | C.Graham/A. McDonald | Reconcile and close                                                                                                                                                |
| 2016          | 4401656613  | RHV Trails Master Plan - The Turtle | 165,500              | 119,500                  | 30,549              | 15,451                                  | 90.7%                       | M.Stewart            | Project complete, pending holdback release. Keep open.                                                                                                             |
| 2016          | 4401656802  | Beach Park Development Program      | 100,000              | 20,000                   | 0                   | 80,000                                  | 20.0%                       | C.Graham             | On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.                                                                |
| 2017          | 4401755600  | Parks Testing and Reporting         | 99,200               | 48,707                   | 49,077              | 1,416                                   | 98.6%                       | C.Graham             | Ongoing program required for testing and quality control at park and trail development projects.                                                                   |
| 2017          | 4401756402  | Waterdown S Pk 2 (Agro Pk)          | 710,000              | 71,000                   | 0                   | 639,000                                 | 10.0%                       | M.Kosiuk             | Construction is complete. Payment pending legal agreement with Developer. Keep open.                                                                               |
| 2017          | 4401756612  | Up Country Ests Proposed Pk DB      | 710,000              | 71,000                   | 0                   | 639,000                                 | 10.0%                       | M.Kosiuk             | Developer-build park. Tender and construction in 2017. Keep open pending final payments and holdback release.                                                      |
| 2017          | 4401756701  | North Wentworth Pk Lands Exp        | 350,000              | 35,000                   | 0                   | 315,000                                 | 10.0%                       | M.Stewart            | Funds for acquisition of additional parkland at North Central Park (Mars Park), from Industrial subdivision development adjacent. Keep open pending payment.       |
| 2017          | 4401756702  | Fallen Firefighter's Memorial       | 125,000              | 17,456                   | 79,910              | 27,634                                  | 77.9%                       | H.T. Lam             | Design work underway for location and site specific design. Multi-year project, keep open.                                                                         |
| 2017          | 4401756703  | Mountain Brow Path                  | 200,000              | 47,816                   | 112,946             | 39,238                                  | 80.4%                       | L.Thomassin          | Public consultation for this project in Q4 2017. Design refinement in 2018. Future funds will be required for implementation of recommended route.                 |
| 2017          | 4401756706* | Roxborough Park ReDev & Design      | 91,000               | 18,717                   | 6,885               | 65,398                                  | 28.1%                       | L.Thomassin          | Public consultation to begin in Q4 2017. ongoing coordination with CHH and developer. Future funds required for construction of the redevelopment plan. Keep open. |
| 2017          | 4401756710  | Valley Prk-Skateboard Prk           | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | C.Graham             | Design work on this project to begin in 2019, construction to follow                                                                                               |
| 2017          | 4401756718  | Ancaster Meadows Pk (Proposed)      | 70,000               | 14,554                   | 5,985               | 49,461                                  | 29.3%                       | M.Kosiuk             | Public consultation in October 2017. Design refinement in 2018. Future funds required for construction, pending transfer of ownership to city.                     |

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| YEAR APPROVED                       | PROJECT ID  | DESCRIPTION                    | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                       |
|-------------------------------------|-------------|--------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     |             |                                | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                                                                                      |
| 2017                                | 4401756802  | Beach Park Dev Program         | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | C.Graham        | On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.                                                                                                                  |
| 2017                                | 4401756824  | William Connell Community Park | 700,000              | 70,000                   | 625,000             | 5,000                                   | 99.3%                       | M.Kosiuk        | Construction progressing. SWM pond mostly complete, with park amenities underway. Construction completion anticipated in Spring 2018. Future phase for building construction. Keep open until construction complete. |
| 2017                                | 4401756907* | Century Street Park            | 220,000              | 45,743                   | 0                   | 174,257                                 | 20.8%                       | L.Stasiuk       | Creation of a parkette from a former parking lot. Coordination with Cllr's office for engagement with local high school students. Design work pending.                                                               |
| 2017                                | 4401856900  | Bruce Park Spraypad            | 530,000              | 0                        | 0                   | 530,000                                 | 0.0%                        | C.Graham        | New spray pad at Bruce Park, funded by Motion 9.3 at PW committee on June 5, 2017. Design work started, construction in 2018.                                                                                        |
| <b>Total Open Space Development</b> |             |                                | <b>73,266,649</b>    | <b>44,616,327</b>        | <b>8,780,978</b>    | <b>19,869,344</b>                       | <b>72.9%</b>                |                 |                                                                                                                                                                                                                      |

**West Harbour Strategic Initiative**

|      |            |                                |           |           |         |             |        |          |                                                                                                                                                                                           |
|------|------------|--------------------------------|-----------|-----------|---------|-------------|--------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2012 | 5181206222 | Setting Sail-Floating Brkwater | 4,860,000 | 4,010,031 | 29,165  | 820,804     | 83.1%  | G.Norman | Project complete and under warranty. Available funds to be appropriated to 4411506107 Piers 5-7 Marina Shoreline Rehab through 2018 capital budget process. Then CLOSE.                   |
| 2013 | 4901355303 | Piers 5-8 Prkng&Traffic Study  | 100,000   | 88,635    | 11,355  | 10          | 100.0% | G.Norman | Parking strategy complete                                                                                                                                                                 |
| 2013 | 8201355302 | Urban Design & Dev - Piers 5-8 | 292,000   | 232,239   | 0       | 59,761      | 79.5%  | G.Norman | UDS complete; leave funds for possible work generated by appeal of zoning by-law                                                                                                          |
| 2013 | 8201355880 | Implementation of Setting Sail | 437,000   | 319,296   | 140,362 | (22,658)    | 105.2% | G.Norman | In-progress supporting various WHSI projects including Pier 8 Solicitation. Appropriate overage related to chargebacks from 4411606002 "Real Estate Disposition Process"                  |
| 2015 | 4411506101 | Pier 7 Docks & Pier 8 Repair   | 4,530,000 | 4,481,582 | 10,000  | 38,418      | 99.2%  | G.Norman | Project complete and under warranty. Waiting to pay outstanding design fees.                                                                                                              |
| 2015 | 4411506102 | Pier 4 Repair & Pier 8 Trail   | 265,000   | 210,541   | 0       | 54,459      | 79.4%  | G.Norman | Project complete and under warranty. Waiting to pay outstanding design fees.                                                                                                              |
| 2015 | 4411506103 | Pier 8 Sanitary PS & Forcemain | 5,850,000 | 425,607   | 402,593 | 5,021,800   | 14.2%  | G.Norman | Detailed design at 90%; refining detailed design prior to tender                                                                                                                          |
| 2015 | 4411506104 | West Harbour Draft Plan&Zoning | 610,000   | 469,133   | 43,471  | 97,396      | 84.0%  | G.Norman | Draft plan and zoning under appeal; scope of additional work including costs has been developed and is underway                                                                           |
| 2015 | 4411506105 | Pier 5-7 Marina Reconstruction | 7,635,000 | 8,785,896 | 391,669 | (1,542,565) | 120.2% | G.Norman | Project complete; Harbour West Marina (HPA) and Royal Hamilton Yacht Club (RHYC) to be invoiced in Q4. Variance is made up of revenues expected from RYHC and HPA per finance agreements. |
| 2015 | 4411506106 | Marina Services & Gas Dock     | 355,000   | 36,673    | 0       | 318,327     | 10.3%  | G.Norman | Project underway ; being coordinated with Piers 5-7 (HWT)                                                                                                                                 |
| 2015 | 4411506107 | Pier5-7 Marina Shoreline Rehab | 8,065,000 | 1,303,328 | 600     | 6,761,072   | 16.2%  | G.Norman | Project underway by HWT                                                                                                                                                                   |

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|---------------|------------|---------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
|               |            |                                 | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                 |
| 2015          | 4411506108 | West Harbour RSC                | 1,633,900            | 1,252,382                | 385,763             | (4,245)                                 | 100.3%                      | G.Norman        | In progress; RA / RMP complete; anticipating surplus when RSC is filed in 2017                                                  |
| 2015          | 4411506109 | West Harbour Site Remediation   | 2,182,000            | 587,012                  | 341,841             | 1,253,147                               | 42.6%                       | G.Norman        | Project underway; main buildings demolished; remediation complete; site prep complete in early 2018                             |
| 2015          | 4411506111 | Bayfront Park Beach Study       | 200,000              | 129,635                  | 73,259              | (2,894)                                 | 101.4%                      | G.Norman        | Study complete.                                                                                                                 |
| 2015          | 4411506201 | Central Park Master Plan        | 100,000              | 52,412                   | 60,670              | (13,082)                                | 113.1%                      | G.Norman        | In the detail design and budget approval for park in 2018. There may be money left over when the design is completed.           |
| 2016          | 4411606001 | CHH Site Servicing Study        | 120,000              | 15,453                   | 0                   | 104,547                                 | 12.9%                       | G.Norman        | On hold pending further scoping                                                                                                 |
| 2016          | 4411606002 | Real Estate Disposition Process | 464,200              | 198,676                  | 67,410              | 198,114                                 | 57.3%                       | G.Norman        | Prequalified Proponents identified Sept. 2017. RFP to be released Nov. 2017. Preferred Proponent to be identified by Mar. 2018. |
| 2016          | 4411606003 | Community Engagement Imp.       | 460,000              | 162,726                  | 0                   | 297,274                                 | 35.4%                       | G.Norman        | Program in support of public-facing WHSI projects; on-going; complete in 2019.                                                  |
| 2016          | 4411606004 | Marketing Communication Imp.    | 450,000              | 95,980                   | 13,078              | 340,942                                 | 24.2%                       | G.Norman        | Program on-going; includes Pier 8 Solicitation Process, "Barton-Tiffany" lands & Pier 6-7 Commercial Village.                   |
| 2016          | 4411606101 | Pier 6-8 Servicing Design       | 1,985,000            | 368,352                  | 351,937             | 1,264,711                               | 36.3%                       | G.Norman        | Detailed design underway                                                                                                        |
| 2016          | 4411606102 | Pier 5-7 Boardwalk              | 510,000              | 19,316                   | 0                   | 490,684                                 | 3.8%                        | G.Norman        | Project underway by HWT                                                                                                         |
| 2016          | 4411606103 | Pier 6 Artisan Village (CAN150) | 1,170,000            | 21,892                   | 0                   | 1,148,108                               | 1.9%                        | G.Norman        | Project underway by HWT                                                                                                         |
| 2016          | 4411606104 | Pier 7 Commercial Village       | 2,250,000            | 45,071                   | 0                   | 2,204,929                               | 2.0%                        | G.Norman        | Project underway by HWT                                                                                                         |
| 2016          | 4411606105 | Pier 8 Shorewall                | 8,095,000            | 673,042                  | 0                   | 7,421,958                               | 8.3%                        | G.Norman        | Detailed design underway                                                                                                        |
| 2016          | 4411606106 | Pier 8 Promenade                | 860,000              | 39,188                   | 0                   | 820,812                                 | 4.6%                        | G.Norman        | Detailed design underway                                                                                                        |
| 2016          | 4411606111 | Bayfront Park Beach Rehab       | 80,000               | 70,826                   | 0                   | 9,174                                   | 88.5%                       | G.Norman        | Implementation on hold until after report to Council                                                                            |
| 2016          | 4411606201 | Bar-Tiff Site Remediation       | 850,000              | 72,545                   | 67,330              | 710,125                                 | 16.5%                       | G.Norman        | ESA underway                                                                                                                    |
| 2016          | 4411606202 | Bar-Tiff Site Servicing Study   | 180,000              | 18,384                   | 0                   | 161,616                                 | 10.2%                       | G.Norman        | Additional study to be scoped through development of B-T Disposition Strategy                                                   |
| 2016          | 5121692001 | Central Park Remediation        | 4,100,000            | 150,921                  | 13,805              | 3,935,274                               | 4.0%                        | G.Norman        | Scoping risk assessment and risk management plan requirements                                                                   |
| 2017          | 4411706101 | Pier 6-8 Servicing Constrn      | 4,330,000            | 367,869                  | 0                   | 3,962,131                               | 8.5%                        | G.Norman        | To be tendered in Q4 or Q1 2017                                                                                                 |
| 2017          | 4411706102 | Pier 8 Park                     | 219,300              | 69,896                   | 85,503              | 63,901                                  | 70.9%                       | G.Norman        | Detailed design underway                                                                                                        |
| 2017          | 4411706103 | Bayfront Park Upgrades Ph 1     | 500,000              | 24,427                   | 0                   | 475,573                                 | 4.9%                        | G.Norman        | Project delayed to accommodate shift in priority to have public realm projects on Piers 5-8 expedited                           |
| 2017          | 4411706104 | Artisan Village Design Study    | 110,000              | 0                        | 0                   | 110,000                                 | 0.0%                        | G.Norman        | Project underway by HWT                                                                                                         |

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|--------------------------------------|------------|---------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-------------------|----------------------------------------------------------------------------------|
|                                      |            |                                       | a                    | b                        | c                   | d                                       | e                           |                   |                                                                                  |
| 2017                                 | 4411706105 | WH Parking Garage Feasibility         | 300,000              | 14,656                   | 0                   | 285,344                                 | 4.9%                        | G.Norman          | Scope is being prepared                                                          |
| 2017                                 | 4411706201 | Bar-Tiff Real Est Solicitation        | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | G.Norman          | Report to Council with Recommendations expected in early 2018.                   |
| 2017                                 | 4411706202 | Adaptive Comm Re-use 125 Barton St. W | 800,000              | 0                        | 0                   | 800,000                                 | 0.0%                        | G.Norman/R. Ellis | Design nearly complete. Applied for Building Permit. Anticipated tender Q4 2017. |
| <b>Total West Harbour Initiative</b> |            |                                       | <b>65,048,400</b>    | <b>24,813,622</b>        | <b>2,489,811</b>    | <b>37,744,967</b>                       | <b>42.0%</b>                |                   |                                                                                  |

**Energy Initiatives**

|                                |            |                               |                  |                  |                  |                  |              |          |                                                                                                    |
|--------------------------------|------------|-------------------------------|------------------|------------------|------------------|------------------|--------------|----------|----------------------------------------------------------------------------------------------------|
| 2014                           | 7901448401 | Combined Heat Power Macassa   | 1,525,000        | 41,164           | 6,067            | 1,477,769        | 3.1%         | F.Jilani | Close out Q4 2017 pending resolution of funding for reappropriation for 7901448402.                |
| 2014                           | 7901448402 | Transit Centre EE Lighting    | 290,000          | 366,094          | 0                | (76,094)         | 126.2%       | F.Jilani | Funding of deficit from 7901448401. Reappropriation of funds pending.                              |
| 2014                           | 7901448403 | Low E Ceilings-Arenas         | 100,000          | 101,699          | 0                | (1,699)          | 101.7%       | M.Carson | Incentives due to arrive in Q4 2017. Close out will occur subsequent to receiving incentives       |
| 2014                           | 7901448406 | Ice Plant Optimization Arenas | 425,000          | 63,071           | 0                | 361,929          | 14.8%        | M.Carson | Continue to resolve procurement process.                                                           |
| 2016                           | 7901641600 | Hamilton Place LED Light      | 590,000          | 0                | 447,705          | 142,295          | 75.9%        | M.Carson | Contract awarded Sept, 2017. Work underway 33% completed                                           |
| 2016                           | 7901641601 | First Ontario Centre          | 530,000          | 340,793          | 60,246           | 128,961          | 75.7%        | M.Carson | Project 100% Complete. Close out in Q4                                                             |
| 2016                           | 7901641602 | Fire Stations LED Light       | 215,000          | 9,525            | 11,232           | 194,243          | 9.7%         | F.Jilani | Bids received in Sept, 2017 and being evaluated.                                                   |
| 2016                           | 7901641603 | Parkdale Firestone Ceiling    | 90,000           | 4,520            | 92,270           | (6,790)          | 107.5%       | M.Carson | Construction complete. Funds to be appropriated to close out in Q4                                 |
| 2016                           | 7901641604 | Aquatic Centres Ext LED Light | 106,000          | 0                | 13,706           | 92,294           | 12.9%        | M.Carson | On hold pending funding from GHG Challenge fund program. City to be advised of outcome in Feb 2018 |
| 2016                           | 7901641605 | Valley Park LED Light         | 220,000          | 0                | 6,864            | 213,136          | 3.1%         | M.Carson | On hold pending funding from GHG Challenge fund program. City to be advised of outcome in Feb 2018 |
| 2016                           | 7901641606 | Ice Arena LED Light           | 1,212,075        | 17,160           | 1,188,387        | 6,528            | 99.5%        | M.Carson | Construction to be complete in Q4. Close out Q1 2018                                               |
| 2016                           | 7901641607 | Olympic Arena Infa Heater     | 33,925           | 30,425           | 3,500            | 0                | 100.0%       | A.Azhari | Complete. Closing project Q4                                                                       |
| 2016                           | 7901641608 | Dundas Lion LED Light         | 25,000           | 17,408           | 1,324            | 6,268            | 74.9%        | A.Azhari | Complete. Closing project Q4                                                                       |
| 2016                           | 7901641609 | Macassa BAS Upgrade           | 60,000           | 0                | 0                | 60,000           | 0.0%         | F.Jilani | On hold pending decisions made on building refrigeration system                                    |
| 2016                           | 7901641610 | Ancaster Achievement Light    | 40,000           | 27,789           | 2,496            | 9,715            | 75.7%        | A.Azhari | Complete. Closing project Q4                                                                       |
| 2016                           | 7901641611 | Sackville Exterior Light      | 25,000           | 22,626           | 2,090            | 284              | 98.9%        | A.Azhari | Complete. Closing project Q4                                                                       |
| <b>Total Energy Initiative</b> |            |                               | <b>5,487,000</b> | <b>1,042,274</b> | <b>1,835,887</b> | <b>2,608,839</b> | <b>52.5%</b> |          |                                                                                                    |

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects**  
As of September 30, 2017

| YEAR APPROVED                 | PROJECT ID | DESCRIPTION                             | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager      | STATUS EXPLANATION<br>as of September 30, 2017                                                                           |
|-------------------------------|------------|-----------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------|
|                               |            |                                         | a                    | b                        | c                   | d                                       | e                           |                      |                                                                                                                          |
| <b>Corporate Energy</b>       |            |                                         |                      |                          |                     |                                         |                             |                      |                                                                                                                          |
| 2013                          | 3541351006 | Building Automated Systems              | 600,000              | 276,494                  | 53,557              | 269,949                                 | 55.0%                       | F.Gazzola            | Proceeding with next site for BAS upgrade - Riverdale Community Centre.                                                  |
| <b>Total Corporate Energy</b> |            |                                         | <b>600,000</b>       | <b>276,494</b>           | <b>53,557</b>       | <b>269,949</b>                          | <b>55.0%</b>                |                      |                                                                                                                          |
| <b>Fleet</b>                  |            |                                         |                      |                          |                     |                                         |                             |                      |                                                                                                                          |
| 2014                          | 4941451003 | Restoration - Fleet Fuel Sites          | 1,280,000            | 186,221                  | 646,064             | 447,715                                 | 65.0%                       | A.Fletcher/J. Sheen  | Work is underway at 7 locations, on schedule for awarded projects to be completed in 2017                                |
| 2015                          | 4941551100 | Fleet-Vehicle & Equipment Repl          | 5,860,860            | 5,157,466                | 744,476             | (41,082)                                | 100.7%                      | T.Kagianis           | On schedule for completion Q4 2017                                                                                       |
| 2016                          | 4941651001 | Shop Equipment Replacement              | 165,000              | 76,639                   | 51,650              | 36,711                                  | 77.8%                       | T.Kagianis           | Diagnostic Equipment not received, on schedule for completion Q4 2017                                                    |
| 2016                          | 4941651004 | Street Sweeper Purchase                 | 1,300,000            | 294,956                  | 736,963             | 268,081                                 | 79.4%                       | J.Sheen              | PO issued. Anticipate delivery and in service by end of 2017.                                                            |
| 2016                          | 4941651100 | Fleet Vehicle&Equipment Replace Program | 8,314,210            | 4,491,595                | 2,625,196           | 1,197,419                               | 85.6%                       | T.Kagianis           | On schedule for completion end of 2018                                                                                   |
| 2017                          | 4941751001 | Shop Equipment Replacement              | 160,000              | 5,328                    | 34,765              | 119,907                                 | 25.1%                       | T.Kagianis           | Final quotes and approvals received, equipment ordered.                                                                  |
| 2017                          | 4941751100 | Fleet-Vehicle & Equipment Repl          | 7,085,000            | 2,095,075                | 3,829,867           | 1,160,058                               | 83.6%                       | T.Kagianis           | On schedule for completion end of 2019                                                                                   |
| <b>Total Fleet</b>            |            |                                         | <b>24,165,070</b>    | <b>12,307,280</b>        | <b>8,668,981</b>    | <b>3,188,809</b>                        | <b>86.8%</b>                |                      |                                                                                                                          |
| <b>Facilities</b>             |            |                                         |                      |                          |                     |                                         |                             |                      |                                                                                                                          |
| 2013                          | 3541349003 | Backflow Prevention-Facilities          | 2,103,000            | 1,159,364                | 668,402             | 275,234                                 | 86.9%                       | C.McKay/K. Zukauskas | Ongoing through 2017/2018.                                                                                               |
| 2013                          | 3541351005 | Generator BlackOut Testing              | 282,000              | 201,892                  | 35,000              | 45,108                                  | 84.0%                       | T.Briatico           | Completion 2017. Surplus to be utilized for electrical deficiencies in 2017/2018.                                        |
| 2013                          | 3541357001 | Archibus-Facility Maintenance           | 29,400               | 29,372                   | 0                   | 28                                      | 99.9%                       | C.Phinney            | Commitments cleared. Reappropriate surplus funds to offset anticipated deficits in annual program and close PID in 2017. |
| 2013                          | 4401356800 | Bayfront Park Work Yard                 | 1,950,000            | 363,479                  | 71,589              | 1,514,932                               | 22.3%                       | C.Euale              | Multi-year project. Project currently in shovel ready state pending funding approval. Ongoing into 2018.                 |
| 2014                          | 3541441401 | POA Administration Offices              | 32,880,000           | 16,004,172               | 17,085,950          | (210,122)                               | 100.6%                      | L.Nelson/J. Warner   | Construction underway. Targeting move-in early Q3 2018 and public opening late August 2018.                              |
| 2014                          | 3541441729 | Copps Lifecycle Renewal Progrm          | 420,000              | 404,038                  | 0                   | 15,962                                  | 96.2%                       | C.Euale              | Commitments cleared. Reappropriate to annual program to fund ongoing priorities then CLOSE.                              |
| 2014                          | 3541441910 | RCMP Lease-Capital Replacement          | 434,000              | 202,630                  | 231,370             | 0                                       | 100.0%                      | T.Briatico           | Project in construction. Expected financial completion Q4-2018.                                                          |
| 2014                          | 3541451004 | HVAC Energy Efficiency Upgrade          | 289,250              | 204,186                  | 0                   | 85,064                                  | 70.6%                       | R.Ellis              | Commitments have now cleared. Favourable variance to fund deficit in 3541451403.                                         |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects**  
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| YEAR APPROVED | PROJECT ID | DESCRIPTION                    | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager        | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                      |
|---------------|------------|--------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |            |                                | a                    | b                        | c                   | d                                       | e                           |                        |                                                                                                                                                                                                     |
| 2014          | 3541451403 | BAS System Relocate & Upgrade  | 76,025               | 76,025                   | 0                   | -                                       | 0.0%                        | R.Ellis                | Project complete, pending re-appropriation from 3541451004 to close next BER                                                                                                                        |
| 2014          | 3541455001 | Yard Capital Renewal Program   | 290,905              | 192,245                  | 534                 | 98,126                                  | 66.3%                       | T.Briatico/J. Joginder | Leaks to building envelope require redirecting remaining funds to the McNab Tunnel building envelope in 2017. Ongoing into 2018.                                                                    |
| 2015          | 3541541409 | Code & Legislative Compliance  | 450,000              | 376,036                  | 55,946              | 18,018                                  | 96.0%                       | R.Ellis                | Waiting for commitments to clear. Remaining funds to be used for the Compliance program for 2017, targeting completion in 2017/2018.                                                                |
| 2015          | 3541541510 | Control Ctre & Automation Upgr | 1,100,000            | 336,985                  | 64,000              | 699,015                                 | 36.5%                       | R.Ellis                | Priorities include immediate commitment for capital reinvestment in the central plant equipment with HCE. Ongoing 2017/2018.                                                                        |
| 2015          | 3541541631 | Facilities Security Program    | 150,000              | 82,414                   | 16,350              | 51,236                                  | 65.8%                       | R.Ellis                | Corporate Security Review has been completed. Funds are to implement and execute the recommendations of the review in 2017. Ongoing into 2018.                                                      |
| 2015          | 3541557001 | Archibus-Facility Maintenance  | 50,000               | 5,684                    | 0                   | 44,316                                  | 11.4%                       | R.Ellis                | Next phase of inventory and PMs to commence in 2017/2018. Ongoing.                                                                                                                                  |
| 2016          | 3541641010 | Facility Upgrades Libraries    | 312,000              | 132,466                  | 180,654             | (1,120)                                 | 100.4%                      | R.Ellis                | Library facilities renewals ongoing in 2017. Financial housekeeping in process on annual program. Once commitments clear, then reconcile with annual program to fund ongoing priorities then CLOSE. |
| 2016          | 3541641013 | Firestations Facility Upgrade  | 363,121              | 88,887                   | 63,035              | 211,199                                 | 41.8%                       | R.Ellis                | Firestation facilities renewals ongoing in 2017.                                                                                                                                                    |
| 2016          | 3541641402 | MTC - CNG Facility Upgrades    | 1,309,000            | 1,146,952                | 206,044             | (43,996)                                | 103.4%                      | R.Ellis                | Construction underway. Targeting construction completion by end of 2017 and financial close by early 2019.                                                                                          |
| 2016          | 3541641409 | Code & Legislative Compliance  | 720,000              | 500,740                  | 209,831             | 9,429                                   | 98.7%                       | R.Ellis                | City Hall structural rehabilitation was completed in 2016. After the financial close, once all commitments have cleared, reconcile to 2017 Compliance then CLOSE.                                   |
| 2016          | 3541641412 | Roof Management Program        | 920,000              | 671,988                  | 39,694              | 208,318                                 | 77.4%                       | R.Ellis                | Roof replacements ongoing in 2017. Reconcile then CLOSE. Once commitments clear, then reconcile with annual program and CLOSE.                                                                      |
| 2016          | 3541641532 | Facility Capital Maintenance   | 300,000              | 133,518                  | 132,896             | 33,586                                  | 88.8%                       | R.Ellis                | Commitments anticipated to clear in 2017. Once commitments clear, then in 2018, reconcile with annual program and CLOSE.                                                                            |
| 2016          | 3541641601 | Animal Contrl Facility Design  | 75,000               | 51,957                   | 0                   | 23,043                                  | 69.3%                       | R.Ellis                | Animal control works started in 2016, ongoing in 2017.                                                                                                                                              |
| 2016          | 3541641602 | Anc Memorial Arts&Culture Cntr | 1,200,000            | 345,720                  | 706,335             | 147,945                                 | 87.7%                       | R.Ellis                | Design is well underway. Anticipated tender for construction in 2018.                                                                                                                               |
| 2016          | 3541641631 | Facilities Security Program    | 150,000              | 81,294                   | 10,340              | 58,366                                  | 61.1%                       | R.Ellis                | Corporate Security Review has been completed. Funds are to implement and execute the recommendations of the review in 2017. Ongoing into 2018.                                                      |
| 2016          | 3541641638 | Overhead Door Replacement Prog | 100,000              | 45,630                   | 0                   | 54,370                                  | 45.6%                       | R.Ellis                | Overhead Door Replacements ongoing in 2017.                                                                                                                                                         |

City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects  
As of September 30, 2017

| YEAR APPROVED           | PROJECT ID | DESCRIPTION                    | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                               |
|-------------------------|------------|--------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |            |                                | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                              |
| 2016                    | 3541641648 | Parking Lot Rehabilitation     | 250,000              | 40,228                   | 27,636              | 182,136                                 | 27.1%                       | R.Ellis         | Parking lot rehabilitations in multiple locations complete and underway. Design work starting on 2017 parking lot replacement priorities. Ongoing into 2018. |
| 2016                    | 3541641910 | RCMP-Lease-Capital Replacement | 210,000              | 70,806                   | 68,045              | 71,149                                  | 66.1%                       | R.Ellis         | Project in construction. Expected financial close Q4-2018.                                                                                                   |
| 2016                    | 3541655001 | Yard Capital Renewal Program   | 344,190              | 178,400                  | 90,616              | 75,174                                  | 78.2%                       | R.Ellis         | Work at yards ongoing in 2017 and 2018 (e.g. 330 Wentworth & salt domes).                                                                                    |
| 2016                    | 3541657001 | Archibus-Facility Maintenance  | 100,000              | 10,082                   | 0                   | 89,918                                  | 10.1%                       | R.Ellis         | 2017 work in Archibus ongoing with programmers (e.g. space planning and links to AutoCAD)                                                                    |
| 2017                    | 3541741010 | Facility Upgrades Libraries    | 81,000               | 13,264                   | 43,018              | 24,718                                  | 69.5%                       | R.Ellis         | 2017 work in Libraries is ongoing.                                                                                                                           |
| 2017                    | 3541741013 | Firestations Facility Upgrade  | 150,000              | 0                        | 0                   | 150,000                                 | 0.0%                        | R.Ellis         | 2017 work in Firestations is ongoing                                                                                                                         |
| 2017                    | 3541741409 | Code & Legislative Compliance  | 760,000              | 24,151                   | 29,335              | 706,514                                 | 7.0%                        | R.Ellis         | 2017 work on Compliance is ongoing.                                                                                                                          |
| 2017                    | 3541741412 | Program - Roof Management      | 730,800              | 251,119                  | 298,834             | 180,847                                 | 75.3%                       | R.Ellis         | 2017 roof design and construction work is ongoing.                                                                                                           |
| 2017                    | 3541741532 | Facility Capital Maintenance   | 641,000              | 315,654                  | 305,289             | 20,057                                  | 96.9%                       | R.Ellis         | 2017 work on Facility Capital Maintenance is ongoing.                                                                                                        |
| 2017                    | 3541741603 | Central Library Window Repl    | 1,200,000            | 55,401                   | 130,208             | 1,014,391                               | 15.5%                       | R.Ellis         | Target summer 2017 tender. Canada 150 project with deadline of March 2018.                                                                                   |
| 2017                    | 3541741604 | Binbrook Town Hall Skylights   | 250,000              | 5,274                    | 210,800             | 33,926                                  | 86.4%                       | R.Ellis         | Tender for Binbrook Town Hall Skylights has been awarded, construction underway. Financial close expected Q4-2018.                                           |
| 2017                    | 3541741605 | HAMILTON Sign                  | 225,000              | 0                        | 0                   | 225,000                                 | 0.0%                        | R.Ellis         | New Exterior Signage at City Hall. Project on-hold until 2018.                                                                                               |
| 2017                    | 3541741631 | Facilities Security Program    | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | R.Ellis         | Corporate Security Review has been completed. Funds are to implement and execute the recommendations of the review in 2017. Ongoing into 2018.               |
| 2017                    | 3541741648 | Parking Lot Rehabilitation     | 405,300              | 51,084                   | 70,030              | 284,186                                 | 29.9%                       | R.Ellis         | 2017 work on parking lots is ongoing into 2018.                                                                                                              |
| 2017                    | 3541741910 | RCMP Lease-Capital Replacement | 210,000              | 6,855                    | 186,394             | 16,751                                  | 92.0%                       | R.Ellis         | Project in construction. Expected financial completion Q4-2018.                                                                                              |
| 2017                    | 3541755001 | Yard Capital Renewal Program   | 200,000              | 0                        | 0                   | 200,000                                 | 0.0%                        | R.Ellis         | 2017 work in Yards is ongoing (e.g. 330 Wentworth & salt domes).                                                                                             |
| 2017                    | 3541755700 | Downtown Office Accommodation  | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | R.Ellis         | Master Office Accommodation Planning (MOAP) Committee has met and is working on an RFP for a design consultant. Ongoing into 2018.                           |
| 2017                    | 3541757001 | Archibus-Facility Maintenance  | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | R.Ellis         | 2017 work in Archibus ongoing with programmers (e.g. space planning and links to AutoCAD)                                                                    |
| <b>Total Facilities</b> |            |                                | <b>52,010,991</b>    | <b>23,859,992</b>        | <b>21,238,175</b>   | <b>6,912,824</b>                        | <b>86.7%</b>                |                 |                                                                                                                                                              |

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**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects**  
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| YEAR APPROVED                         | PROJECT ID | DESCRIPTION                     | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                        |
|---------------------------------------|------------|---------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                       |            |                                 | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                                                                                       |
| <b>Entertainment Facilities</b>       |            |                                 |                      |                          |                     |                                         |                             |                 |                                                                                                                                                                                                                       |
| 2013                                  | 3721341801 | HCC Interior Renovations        | 200,000              | 184,740                  | 15,260              | 0                                       | 100.0%                      | R.Ellis         | Commitments anticipated to clear in 2017/early 2018. Significantly smaller deficit is anticipated once final invoices are paid. Reconcile with program for HCC HP & CC Lifecycle Renewal.                             |
| 2015                                  | 3721541803 | HP Replacements & Renovations   | 200,000              | 186,810                  | 14,839              | (1,649)                                 | 100.8%                      | R.Ellis         | Next phase of carpet replacement at HP is complete. Furniture replacement complete. Additional phase of carpet replacement is at the planning stage. Once commitments clear, reconcile with annual program and CLOSE. |
| 2015                                  | 3721541805 | HCC HP & FOC Lifecycle Renewal  | 720,519              | 461,979                  | 256,800             | 1,740                                   | 99.8%                       | R.Ellis         | Lifecycle renewal priorities at HCC, FOC and FOCH (formerly HP) are currently underway. Items completed such as security measures at FOC and compliance item with Fire Order at FOCH. Brick repair at HCC underway.   |
| 2016                                  | 3721641805 | HCC, HP & FOC Lifecycle Renewal | 282,080              | 194,211                  | 86,870              | 999                                     | 99.6%                       | R.Ellis         | Lifecycle renewal priorities at HCC, FOC and FOCH (formerly HP) are currently underway. Items completed such as security measures at FOC and compliance item with Fire Order at FOCH. Brick repair at HCC underway.   |
| 2017                                  | 3721741600 | Commonwealth Sq&Summers Ln      | 530,000              | 0                        | 0                   | 530,000                                 | 0.0%                        | R.Ellis         | Work currently in design for Commonwealth Square & Summer's Lane.                                                                                                                                                     |
| 2017                                  | 3721741805 | HCC HP & FOC Lifecycle Renewal  | 1,171,000            | 53,281                   | 381,791             | 735,928                                 | 37.2%                       | R.Ellis         | Lifecycle renewal priorities at HCC, FOC and FOCH (formerly HP) are currently underway. Items completed such as security measures at FOC and compliance item with Fire Order at FOCH. Brick repair at HCC underway.   |
| 2017                                  | 3721751701 | HP Audio Equipment Repair&Repl  | 60,000               | 34,994                   | 4,506               | 20,500                                  | 65.8%                       | R.Ellis         | Audio equipment replacement in progression 2017 at FOCH (formerly HP).                                                                                                                                                |
| <b>Total Entertainment Facilities</b> |            |                                 | <b>3,163,599</b>     | <b>1,116,015</b>         | <b>760,066</b>      | <b>1,287,518</b>                        | <b>59.3%</b>                |                 |                                                                                                                                                                                                                       |

**Recreation Facilities**

|      |             |                                |            |            |         |           |        |              |                                                                                                                                                  |
|------|-------------|--------------------------------|------------|------------|---------|-----------|--------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 2005 | 7100554707  | Flamborough Twin Pad Arena     | 18,820,170 | 18,992,128 | 127,364 | (299,322) | 101.6% | C.Euale      | Project complete. Portion of property to be sold by Real Estate&Rec City Services. Sale proceeds part of the funding model. Review in 2017/2018. |
| 2010 | 7101041707  | ISF-2425 Morgan Firestone Twin | 10,275,000 | 10,334,172 | 0       | (59,172)  | 100.6% | J.Warner     | Project close pending litigation results anticipated in Q4 2017. DC funded for reconciliation/ mitigation.                                       |
| 2011 | 7101154710  | Senior Centre - Waterdown      | 1,300,000  | 1,342,886  | 114,000 | (156,886) | 112.1% | S.Gargarello | Construction complete/Facility open. Lower Deficit anticipated. Financial close anticipated in 2018.                                             |
| 2012 | 4241209108* | Churchill Prk Bwling Wintrzn   | 200,000    | 179,294    | 9,662   | 11,044    | 94.5%  | K.Berry      | Project complete. Waiting on commitments to clear. Anticipated PID closure in 2017/early 2018.                                                   |

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|---------------|-------------|--------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                | a                    | b                        | c                   | d                                       | e                           |                      |                                                                                                                                                                                                                               |
| 2012          | 7101254201* | Scott Park-New Senior Centre   | 23,900,000           | 9,705,601                | 14,494,621          | (300,222)                               | 101.3%                      | J.Warner             | Construction underway. Target construction completion in 2018. Add'l costs continue to be incurred due to poor soil conditions. Anticipated deficit will be reconciled prior to project close. Reconcile with PID 7101649602. |
| 2012          | 7101254214  | Freelton Park Building         | 2,780,000            | 2,753,269                | 16,622              | 10,109                                  | 99.6%                       | K.Berry              | Construction completed, pending financial close in 2018.                                                                                                                                                                      |
| 2012          | 7101254216  | Program - Roof Management      | 569,200              | 569,188                  | 0                   | 12                                      | 100.0%                      | K.Berry              | CLOSE SEPTEMBER 30, 2017                                                                                                                                                                                                      |
| 2013          | 4241309203* | Cent Mem Rec Cntr - dgtl sign  | 35,000               | 33,457                   | 1,717               | (174)                                   | 100.5%                      | K.Berry              | Waiting for commitments to clear. Anticipated PID closure in 2017/early 2018.                                                                                                                                                 |
| 2013          | 7101341350  | Greenville Hall Structure      | 329,340              | 331,621                  | 0                   | (2,281)                                 | 100.7%                      | L.Keermaa            | CLOSE September 30, 2017                                                                                                                                                                                                      |
| 2013          | 7101354104  | Ancaster Senior Centre Expand  | 1,848,060            | 2,014,760                | 0                   | (166,700)                               | 109.0%                      | L.Nelson             | Project complete. Project reconciliation to be completed in 2018 with corporate finance and in consultation with legal services due to termination and change of general contractor.                                          |
| 2013          | 7101354105  | Park & Fieldhouse Retrofits    | 1,205,835            | 1,153,245                | 0                   | 52,590                                  | 95.6%                       | L.Keermaa            | Reconcile then CLOSE.                                                                                                                                                                                                         |
| 2013          | 7101354202* | New Dalewood Community Centre  | 1,900,000            | 1,642,784                | 179,757             | 77,459                                  | 95.9%                       | C.Euale              | Construction complete. Waiting for commitments to clear. Project to financially close in 2018.                                                                                                                                |
| 2014          | 4241409208* | Old Beasley Ctre Kitchen Reno  | 46,600               | 7,810                    | 39,360              | (570)                                   | 101.2%                      | J.Joginder           | Budget updated for 2017. Detailed design complete. RFQ award. Project to complete by end of 2017 and financial close in early 2018.                                                                                           |
| 2014          | 7101454105  | Park & Fieldhouse Retrofits    | 682,910              | 683,910                  | 1,108               | (2,108)                                 | 100.3%                      | K.Berry<br>L.Keermaa | Mahoney Pk construction started. Montgomery Pk Construction completed. Reconcile from annual program then close.                                                                                                              |
| 2014          | 7101454202  | Waterdown Memorial Pk Ice Loop | 3,000,000            | 3,235,604                | 165,877             | (401,481)                               | 113.4%                      | K.Berry              | Construction complete. Project to financially closed in 2018. Mitigation of unfavourable budget variance through 2018 capital budget process.                                                                                 |
| 2014          | 7101454704  | HPRC Independence from School  | 598,000              | 170,358                  | 0                   | 427,642                                 | 28.5%                       | C.Euale              | Reconcile and close as part of 2018 Budget Process.                                                                                                                                                                           |
| 2014          | 7101454710  | SWL Rec Cntr Independence      | 1,648,000            | 1,308,208                | 127,535             | 212,257                                 | 87.1%                       | C.Euale              | Construction complete. Project to Close in 2018.                                                                                                                                                                              |
| 2015          | 4241509116* | Ph1 Design - SWL Gym Project   | 100,000              | 44,970                   | 14,207              | 40,823                                  | 59.2%                       | R.Ellis              | The preliminary SWL feasibility is complete. Geotechnical and additional due diligence still to be completed in 2017/2018. Remaining funds to be reappropriated to 7101754805 with councillor permission."                    |
| 2015          | 7101541706  | Recreation Centre Retrofits    | 218,969              | 111,926                  | 41,229              | 65,814                                  | 69.9%                       | R.Ellis              | Elevator repairs and refurbishment outstanding for 2017/2018 based on 3rd party recommendations.                                                                                                                              |
| 2015          | 7101551501  | Facility Vehicles              | 160,000              | 87,352                   | 0                   | 72,648                                  | 54.6%                       | R.Ellis              | Facilities Operations completed specifications for a vehicle RFT. Some vehicles were replaced. Additional vehicle replacements anticipated in 2018.                                                                           |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

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| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                          | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                           |
|---------------|-------------|------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                                      | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                                                          |
| 2015          | 7101554105  | Park & Fieldhouse Retrofits                          | 936,000              | 434,491                  | 504,804             | (3,295)                                 | 100.4%                      | L.Keermaa       | Mahoney Pk construction started. Montgomery Pk Construction completed. Reconcile from annual program then close.                                                                         |
| 2015          | 7101554506  | Valley Park Community Ctr-Expn                       | 300,000              | 116,607                  | 8,830               | 174,563                                 | 41.8%                       | R.Ellis         | Library has chosen option which is an addition onto the existing Recreation Centre. Valley Park Recreation Centre renos will be slightly rescoped in 2017 and targeted to start in 2020. |
| 2015          | 7101554507  | Chedoke Arena Roof                                   | 1,200,000            | 1,159,728                | 27,908              | 12,364                                  | 99.0%                       | R.Ellis         | Project is complete. Once final commitments have cleared, this project can be closed with any surplus to be utilized to fund anticipated deficit in roofing program.                     |
| 2015          | 7101554508  | Public Use Feasibility Study                         | 150,000              | 61,863                   | 9,957               | 78,180                                  | 47.9%                       | R.Ellis         | Phase 1 of the Recreation Indoor Use study presented to E & CS Committee in Q3 2016. Phase 2 was deemed necessary moving into 2018.                                                      |
| 2015          | 7101554509* | Mohawk Track - Redesign                              | 900,000              | 177,438                  | 697,824             | 24,738                                  | 97.3%                       | R.Ellis         | Design completed. Construction nearly complete. Ribbon cutting Oct. 21 2017. Financial close anticipated in 2018.                                                                        |
| 2015          | 7101554510  | Dundas JLGrightmire Arena Reno                       | 7,000,000            | 586,359                  | 6,413,641           | 0                                       | 100.0%                      | R.Ellis         | Detailed design complete. Site Plan & Building permit obtained. Construction tender awarded. Construction started. Target fall 2018 completion.                                          |
| 2015          | 7101554536  | Program - Arena Retrofits                            | 184,000              | 145,299                  | 27,617              | 11,084                                  | 94.0%                       | R.Ellis         | Once commitments clear, reappropriate to annual program in order to fund ongoing priorities then close.                                                                                  |
| 2015          | 7101557501  | Scheduling&Payroll Sftware App                       | 50,000               | 0                        | 0                   | 50,000                                  | 0.0%                        | R.Ellis         | Appropriate and close this capital line, software not required at this time.                                                                                                             |
| 2015          | 7101557502  | CLASS Software Upgrades                              | 260,380              | 14,399                   | 61,250              | 184,731                                 | 29.1%                       | R.Ellis         | Contract signed January 2017, PO requisition in process to commit these funds.                                                                                                           |
| 2015          | 7101558501  | Parkdale Outdoor Pool Redev                          | 225,000              | 39,502                   | 136,075             | 49,423                                  | 78.0%                       | R.Ellis         | Design has started. Progress beyond design contingent on additional funding.                                                                                                             |
| 2016          | 7101641601  | Ancaster Aquatic Centre Refurbishment                | 1,375,000            | 1,357,820                | 48,065              | (30,885)                                | 102.2%                      | R.Ellis         | Canada 150 Project. Construction completed. Public opening took place October 14 2017.                                                                                                   |
| 2016          | 7101641701  | Program - Community Halls Retrofits                  | 550,000              | 397,417                  | 223,487             | (70,904)                                | 112.9%                      | R.Ellis         | Deficit to be mitigated through the annual program and closure of PO's                                                                                                                   |
| 2016          | 7101641706  | Program - Recreation Centre Retrofits                | 71,630               | 55,838                   | 11,310              | 4,482                                   | 93.7%                       | R.Ellis         | Reconcile and close in 2017/2018. Modest surplus will resolve with reconciliation of Annual Program.                                                                                     |
| 2016          | 7101649601  | Bernie Arbour Stadium - Upgrades                     | 150,000              | 77,484                   | 64,249              | 8,267                                   | 94.5%                       | R.Ellis         | Improvements underway and ongoing in 2017/2018.                                                                                                                                          |
| 2016          | 7101649602* | Scott Park Precinct Ice Pad & Spray Pad Installation | 2,400,000            | 211,357                  | 1,500,600           | 688,043                                 | 71.3%                       | R.Ellis         | Tender Awarded. Reconcile with PID 7101254201.                                                                                                                                           |
| 2016          | 7101651210  | Golf Cart Purchases PW16021                          | 685,673              | 687,476                  | 0                   | (1,803)                                 | 100.3%                      | R.Gatto         | Ongoing, 2nd year of 4 year contract (buy back from service provider at end of term).                                                                                                    |



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| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                                     | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                 |
|---------------|-------------|-----------------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                                                 | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                                                                                                |
| 2016          | 7101654105* | Program - Park & Fieldhouse Retrofits                           | 1,194,000            | 869,997                  | 377,218             | (53,215)                                | 104.5%                      | R.Ellis         | Mahoney Pk construction started. Montgomery Pk Construction completed. Reconcile from annual program then close.                                                                                                               |
| 2016          | 7101654536  | Program - Arena Retrofits                                       | 561,250              | 453,724                  | 108,932             | (1,406)                                 | 100.3%                      | R.Ellis         | At the end of the 4th year (2019) the golf carts are bought back by Club Car, from that point the funds are directed to Corporate Finance to pay off our internal debt.                                                        |
| 2016          | 7101654601  | Ice Plant Freon Upgrades                                        | 500,000              | 0                        | 0                   | 500,000                                 | 0.0%                        | R.Ellis         | Funds for this project were reappropriated by Council as part of the 2017 capital budget process. Funds for this project will be required in advance in order to meet the refrigerant phase-out deadline of January 1, 2020.   |
| 2016          | 7101654603  | Beverly Recreation Centre/School                                | 1,800,000            | 83,626                   | 68,810              | 1,647,564                               | 8.5%                        | R.Ellis         | Project in design. Collaboration with HWDSB ongoing. Project may tender early 2018.                                                                                                                                            |
| 2016          | 7101654608  | William Schwenger Park Washroom Facility                        | 500,000              | 491,727                  | 16,562              | (8,289)                                 | 101.7%                      | R.Ellis         | Project awarded. 2017 start of construction.                                                                                                                                                                                   |
| 2016          | 7101654609  | Greenville Recreation Centre/School                             | 1,800,000            | 122,841                  | 125,415             | 1,551,744                               | 13.8%                       | R.Ellis         | Project in design. Collaboration with HWDSB ongoing. Project will tender Spring 2018.                                                                                                                                          |
| 2016          | 7101654610  | Carlisle & Beverly Arena Accessibility Upgrades & Expansion     | 790,000              | 783,081                  | 16,025              | (9,106)                                 | 101.2%                      | R.Ellis         | Canada 150 Projects. Construction complete. Project will financially close in 2018.                                                                                                                                            |
| 2016          | 7101654611  | Mt. Hope and Binbrook Hall Renovations & Accessibility Upgrades | 1,920,200            | 1,513,353                | 417,667             | (10,820)                                | 100.6%                      | R.Ellis         | Canada 150 Projects. Binbrook Memorial Hall construction complete. Mt. Hope tender awarded and construction is underway.                                                                                                       |
| 2016          | 7101654612* | Bobby Kerr & Trenholme Park Washroom Facilities                 | 850,000              | 971,117                  | 96,643              | (217,760)                               | 125.6%                      | R.Ellis         | Projects Awarded. Q4 2016 Trenholme, 2017 Bobby Kerr. Significantly smaller deficit is anticipated once final invoices are paid. Anticipated deficit will be mitigated through reappropriation and the capital budget process. |
| 2016          | 7101654613  | Westoby (Olympic) Arena Roof                                    | 750,000              | 424,700                  | 0                   | 325,300                                 | 56.6%                       | R.Ellis         | Canada 150 Project complete. Financial close ongoing.                                                                                                                                                                          |
| 2016          | 7101654700  | Pinky Lewis Recreation Centre Expansion Project                 | 1,402,000            | 147,684                  | 143,769             | 1,110,547                               | 20.8%                       | R.Ellis         | Infrastructure Project in Design. Anticipated tender award Q1 2017.                                                                                                                                                            |
| 2016          | 7101654702  | Program - Facility Capital Maintenance                          | 295,000              | 122,521                  | 199,675             | (27,196)                                | 109.2%                      | R.Ellis         | Emergency and maintenance renewal works ongoing in 2017. Anticipated deficit to be mitigated through the annual program.                                                                                                       |
| 2016          | 7101654802  | William Connell Park Washroom Facility                          | 2,236,200            | 430,994                  | 837,769             | 967,437                                 | 56.7%                       | R.Ellis         | Project in design with LAS. Project targeting 2017 & 2018 tender and construction of two facilities.                                                                                                                           |

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| YEAR APPROVED | PROJECT ID  | DESCRIPTION                         | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                                       |
|---------------|-------------|-------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                     | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                                                                                                                      |
| 2016          | 7101655501  | Recreation Studies                  | 180,430              | 28,027                   | 7,439               | 144,964                                 | 19.7%                       | R.Ellis         | Recreation Planning to conduct studies on surplus HWDSB properties in 2015/16. Funds to initiate Ph2 of the Recreation Indoor Use study in 2017/18 which requires updating to reflect current demographics, community needs and planning priorities. |
| 2016          | 7101657601  | Class Software Licensing Fees       | 70,000               | 0                        | 0                   | 70,000                                  | 0.0%                        | R.Ellis         | PO Requisition approval in process. This funding will be used to recover a portion of Recreation's CLASS license fees for 2017 as we will be running with two software licenses for a period of time.                                                |
| 2017          | 3541755101  | Recreation Facilities Audit Program | 142,100              | 14,157                   | 121,692             | 6,251                                   | 95.6%                       | R.Ellis         | Reconcile and close late 2017, early 2018.                                                                                                                                                                                                           |
| 2017          | 7101741701  | Community Halls Retrofits           | 100,000              | 34,681                   | 0                   | 65,319                                  | 34.7%                       | R.Ellis         | Community Halls projects ongoing in 2017.                                                                                                                                                                                                            |
| 2017          | 7101741706  | Recreation Centre Retrofits         | 190,700              | 17,040                   | 73,255              | 100,405                                 | 47.3%                       | R.Ellis         | Recreation projects ongoing in 2017.                                                                                                                                                                                                                 |
| 2017          | 7101754105  | Park & Fieldhouse Retrofits         | 150,000              | 4,652                    | 115,200             | 30,148                                  | 79.9%                       | R.Ellis         | Park & Fieldhouse projects ongoing in 2017.                                                                                                                                                                                                          |
| 2017          | 7101754508  | Public Use Feasibility Study        | 150,000              | 0                        | 0                   | 150,000                                 | 0.0%                        | R.Ellis         | Public Use & Feasibility Studies ongoing in 2017.                                                                                                                                                                                                    |
| 2017          | 7101754536  | Program - Arena Retrofits           | 500,000              | 289,918                  | 45,082              | 165,000                                 | 67.0%                       | R.Ellis         | Arena projects ongoing in 2017.                                                                                                                                                                                                                      |
| 2017          | 7101754701  | Glanbrook Arena Elevator            | 200,000              | 55,773                   | 526,195             | (381,968)                               | 291.0%                      | R.Ellis         | Canada 150 Project. Design complete. Tender awarded.                                                                                                                                                                                                 |
| 2017          | 7101754702  | Mountain Arena Elevator             | 330,000              | 20,205                   | 186,680             | 123,115                                 | 62.7%                       | R.Ellis         | Canada 150 Project. Project design complete, tender awarded Q3 2017.                                                                                                                                                                                 |
| 2017          | 7101754703  | Senior Centre Retrofits             | 100,000              | 0                        | 6,500               | 93,500                                  | 6.5%                        | R.Ellis         | Senior Centre Projects ongoing in 2017.                                                                                                                                                                                                              |
| 2017          | 7101754704  | Huntington Pk Rec Centre Reno       | 1,600,000            | 420,195                  | 1,186,856           | (7,051)                                 | 100.4%                      | R.Ellis         | Design completed. Project awarded, targeting completion Q1 2018. Largely infrastructure renewal.                                                                                                                                                     |
| 2017          | 7101754705  | Turner Park Washrooms               | 662,000              | 45,705                   | 616,373             | (78)                                    | 100.0%                      | R.Ellis         | Canada 150 Project. Design completed. Construction started.                                                                                                                                                                                          |
| 2017          | 7101754708  | Waterdown Pool & RecCtr Fsbilty     | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | R.Ellis         | Project Manager assigned, met with HWDSB and Rec to discuss options.                                                                                                                                                                                 |
| 2017          | 7101754709  | Wolverton Parkland Imprv&Demo       | 160,000              | 0                        | 0                   | 160,000                                 | 0.0%                        | R.Ellis         | Project specification underway.                                                                                                                                                                                                                      |
| 2017          | 7101754805  | SirWilfridLaurier GymRepl Addn      | 550,000              | 0                        | 0                   | 550,000                                 | 0.0%                        | R.Ellis         | Project funding in progress.                                                                                                                                                                                                                         |
| 2017          | 7101758002* | Alexander Park Splashpad            | 573,384              | 37,701                   | 25,320              | 510,363                                 | 11.0%                       | R.Ellis         | Canada 150 Project. Project tendered and currently in award. Q4 2017 construction start.                                                                                                                                                             |
| 2017          | 7201754700  | Outdoor Patio Cntrl Mem Rec         | 128,300              | 128,298                  | 0                   | 2                                       | 100.0%                      | R.Ellis         | Project Complete. Reconcile then close in 2018.                                                                                                                                                                                                      |

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|-------------------------|------------|-------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|------------------------------------------------|
|                         |            |             | a                    | b                        | c                   | d                                       | e                           |                 |                                                |
| <b>Total Recreation</b> |            |             | <b>106,540,331</b>   | <b>67,737,338</b>        | <b>30,387,753</b>   | <b>8,415,240</b>                        | <b>92.1%</b>                |                 |                                                |

**Transportation**

|      |            |                                   |            |            |         |           |        |                |                                                                                                                                                                                                                |
|------|------------|-----------------------------------|------------|------------|---------|-----------|--------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2004 | 5300483400 | ATS Master Plan-Policy Revise     | 900,000    | 752,092    | 82,878  | 65,030    | 92.8%  | D.Guy          | 75,000 trips built into 2016 budget, awaiting outstanding project commitments, likely close Q1 2018.                                                                                                           |
| 2005 | 5300583504 | Fare Cards-System Enhancement     | 7,500,000  | 6,703,538  | 416,233 | 380,229   | 94.9%  | N.Purser       | Multi-year implementation underway. Initial installation complete. Still outstanding: Para transit - begin Q4 2017, Upass applications - Q3 2017, self service devices - TBD, third party network - Q1 2018.   |
| 2006 | 5310641001 | ATS Accommodation                 | 2,500,000  | 2,316,213  | 8,188   | 175,599   | 93.0%  | N.Purser       | Front foyer underway Q4 2017, renovate offices in drivers lounge area Q4 2017                                                                                                                                  |
| 2008 | 5300855100 | Rapid Transit Studies             | 11,203,390 | 10,785,674 | 0       | 417,716   | 96.3%  | J.Vander Heide | Project Complete. Corporate Finance to determine status of Council request for funding from Metrolinx and close once funding complete.                                                                         |
| 2010 | 5311055001 | ATS Rebranding & Marketing Survey | 485,000    | 442,309    | 31,734  | 10,957    | 97.7%  | J.Vander Heide | Ongoing.                                                                                                                                                                                                       |
| 2011 | 5301185001 | Customer Service Software         | 720,000    | 603,152    | 0       | 116,848   | 83.8%  | D.Guy          | Expected completion is Q1 2018.                                                                                                                                                                                |
| 2011 | 5311182002 | ATS Mobile Data Terminals         | 1,125,000  | 690,513    | 0       | 434,487   | 61.4%  | D.Guy          | Ongoing- continue to add as fleet changes.                                                                                                                                                                     |
| 2013 | 5301384001 | Rapid Transit - Quick Wins        | 11,993,000 | 8,341,953  | 343,947 | 3,307,100 | 72.4%  | J.Vander Heide | All projects complete with exception of A&B-Line enhanced amenities (Ph1 complete, ph2 under construction). Surplus funds proposed for Limeridge Mall Terminal rehab to be coordinated with agreement renewal. |
| 2013 | 5301384002 | Mobility Programs                 | 422,500    | 267,597    | 229,605 | (74,702)  | 117.7% | J.Vander Heide | Ongoing program. Funds to be used towards development of supporting transit strategies and projects, e.g. 10 year transit strategy. Completion Q4 2017                                                         |
| 2015 | 5301555500 | Mtno&Storage Facility Expn Stdy   | 150,000    | 4,568      | 0       | 145,432   | 3.0%   | J.Vander Heide | Project initiated. Feasibility studies & property acquisition underway.                                                                                                                                        |
| 2015 | 5301555501 | Transit Priority Measures         | 130,000    | 69,198     | 44,999  | 15,803    | 87.8%  | J.Vander Heide | Ongoing.                                                                                                                                                                                                       |
| 2015 | 5301558101 | HSR New Bus Purchases             | 16,125,000 | 13,469,691 | 27,823  | 2,627,486 | 83.7%  | M.Selkirk      | Debenture proceeds to be booked. To be closed at year end.                                                                                                                                                     |
| 2015 | 5301583501 | Transit Hybrd Bus Battery Repl    | 601,000    | 61,056     | 0       | 539,944   | 10.2%  | M.Selkirk      | Ongoing.                                                                                                                                                                                                       |
| 2015 | 5301584501 | Trapeze EAM Fleet Mngnt           | 800,000    | 469,656    | 218,758 | 111,586   | 86.1%  | D.Guy          | On hold - dependent on PTIF work.                                                                                                                                                                              |
| 2015 | 5301584505 | Transit Passenger Count System    | 500,000    | 472,536    | 21,619  | 5,845     | 98.8%  | D.Guy          | Initial 25 buses outfitted; data testing ongoing.                                                                                                                                                              |
| 2015 | 5311584501 | PASS SUS&CERT Software Modules    | 197,000    | 158,000    | 50,733  | (11,733)  | 106.0% | D.Guy          | CERT complete. SUSS being tested.                                                                                                                                                                              |

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|---------------|------------|------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|---------------------------------------------------------------------|
|               |            |                                    | a                    | b                        | c                   | d                                       | e                           |                 |                                                                     |
| 2016          | 5301641100 | 330 Wentworth HSR Storage          | 311,000              | 209,440                  | 3,950               | 97,610                                  | 68.6%                       | J.Vander Heide  | On hold.                                                            |
| 2016          | 5301641500 | Transit Storage Facility           | 2,000,000            | 450,156                  | 370,799             | 1,179,045                               | 41.0%                       | J.Vander Heide  | Ongoing.                                                            |
| 2016          | 5301683503 | Nonrevenue Vehicle Replace Program | 127,000              | 24,294                   | 0                   | 102,706                                 | 19.1%                       | M.Selkirk       | Ongoing.                                                            |
| 2016          | 5301684503 | Security Cameras on Buses          | 1,700,000            | 837,972                  | 876,340             | (14,312)                                | 100.8%                      | M.Selkirk       | Project to start July 2017. Estimated completion Q4 2017.           |
| 2017          | 5301749700 | Garage Door Repl - MTC             | 1,320,000            | 13,859                   | 45,732              | 1,260,409                               | 4.5%                        | J.Vander Heide  | Earliest completion date March 31, 2018 (2019?).                    |
| 2017          | 5301749701 | Transit Capital Infrastructure     | 3,300,000            | 6,834                    | 176,035             | 3,117,131                               | 5.5%                        | J.Vander Heide  | Earliest completion date March 31, 2018.                            |
| 2017          | 5301751500 | Replace Bus Hoists                 | 3,025,000            | 0                        | 1,276,470           | 1,748,530                               | 42.2%                       | M.Selkirk       | Earliest completion date March 31, 2018 (2019?).                    |
| 2017          | 5301751701 | HVAC Upgrades-2200 Upper James     | 2,200,000            | 0                        | 633,000             | 1,567,000                               | 28.8%                       | M.Selkirk       | Work progressing. Completion Q4 2017.                               |
| 2017          | 5301755700 | Transit Priority Measures          | 3,850,000            | 0                        | 0                   | 3,850,000                               | 0.0%                        | J.Vander Heide  | Working with Traffic on technical requirements. Completion Q2 2018. |
| 2017          | 5301783100 | 2017 HSR Bus Replacement           | 11,400,000           | 211                      | 11,399,565          | 224                                     | 100.0%                      | M.Selkirk       | Earliest completion date March 31, 2018 (2019?).                    |
| 2017          | 5301783503 | 2017 Non-Rev Vehicle Replace       | 85,000               | 0                        | 0                   | 85,000                                  | 0.0%                        | M.Selkirk       | Earliest completion date March 31, 2018 (2019?).                    |
| 2017          | 5301783700 | HSR Bus Expansion Prgrm-10 Yr      | 10,380,000           | 0                        | 10,375,680          | 4,320                                   | 100.0%                      | M.Selkirk       | Earliest completion date March 31, 2018 (2019?).                    |
| 2017          | 5301783701 | Non Revenue Vehicle Exp-Growth     | 400,000              | 0                        | 0                   | 400,000                                 | 0.0%                        | M.Selkirk       | Earliest completion date March 31, 2018 (2019?).                    |
| 2017          | 5301784700 | Radio Equipment Replacement        | 3,000,000            | 0                        | 0                   | 3,000,000                               | 0.0%                        | D.Guy           | Finalizing contract. Earliest completion data March 31, 2018.       |
| 2017          | 5301784707 | Rapid Ready & 10yr Strategy        | 50,000               | 0                        | 0                   | 50,000                                  | 0.0%                        | J.Vander Heide  | Studies to be completed Q4 2017.                                    |
| 2017          | 5301784710 | Automated Passenger Counters       | 4,300,000            | 0                        | 2,066,796           | 2,233,204                               | 48.1%                       | D.Guy           | Installation on total fleet to be completed Q2 2018.                |
| 2017          | 5301785602 | Shelter Expansion & Rehab          | 7,043,000            | -                        | -                   | 7,043,000                               | 0.0%                        | J.Vander Heide  | Ongoing.                                                            |
| 2017          | 5301785700 | Bus Wash Rack Replacement          | 880,000              | 27,820                   | 80,048              | 772,132                                 | 12.3%                       | M.Selkirk       | Earliest completion date March 31, 2018 (2019?).                    |
| 2017          | 5301785701 | Transit Mtnc&Storage Facility      | 28,650,000           | 0                        | 0                   | 28,650,000                              | 0.0%                        | J.Vander Heide  | RFP submissions for design have been submitted. With procurement.   |
| 2017          | 5301785703 | Limeridge Mall Terminal Redev      | 2,500,000            | 0                        | 0                   | 2,500,000                               | 0.0%                        | J.Vander Heide  | Awaiting agreement with Limeridge management. Ongoing.              |

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|-----------------------------|------------|--------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|------------------------------------------------|
|                             |            |                                | a                    | b                        | c                   | d                                       | e                           |                 |                                                |
| 2017                        | 5301785704 | Sustainable NetworkConnections | 3,025,000            | 1,156,471                | 1,457,973           | 410,556                                 | 86.4%                       | J.Vander Heide  | Project underway. Completion Q2 2018.          |
| 2017                        | 5301785708 | Customer Service Software      | 1,605,000            | 0                        | 1,079,250           | 525,750                                 | 67.2%                       | D.Guy           | Ongoing. Earliest completion March 31, 2018.   |
| <b>Total Transportation</b> |            |                                | <b>146,502,890</b>   | <b>48,334,803</b>        | <b>31,318,155</b>   | <b>66,849,932</b>                       | <b>54.4%</b>                |                 |                                                |

**Roads - Engineering Services**

|      |            |                                                                |            |            |           |           |         |                     |                                                                                                                                                                                                                                                                                                                                                                                        |
|------|------------|----------------------------------------------------------------|------------|------------|-----------|-----------|---------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2009 | 4030957950 | Right of Way AM Business - RAMBO                               | 1,038,500  | 892,859    | 0         | 145,641   | 86.0%   | R.Andoga/A.J azvac  | Ongoing - work in progress. Project is currently active with ongoing calibration and development                                                                                                                                                                                                                                                                                       |
| 2011 | 4031118126 | Bridge 163 - Centennial Parkway North, 540m n/o Barton St East | 14,690,000 | 10,999,282 | 751,242   | 2,939,476 | 80.0%   | M.Oddi              | Construction complete. Awaiting billing from CN                                                                                                                                                                                                                                                                                                                                        |
| 2012 | 4031218212 | Bridge 185 - Bay St N - 65m s/o Strachan St W                  | 500,000    | 64,118     | 0         | 435,882   | 12.8%   | M.Oddi              | Pending final audit upon completion of Centennial Bridge. Negotiations ongoing with CNR regarding Centennial Bridge, Bay and John Street bridges.                                                                                                                                                                                                                                      |
| 2012 | 4031218222 | Bridge 329 - Burlington St E at Wilcox St                      | 350,000    | 151,492    | 0         | 198,508   | 43.3%   | R.Andoga/T. McClung | Ongoing - multi-year project. Design in 2017 and Construction 2020.                                                                                                                                                                                                                                                                                                                    |
| 2012 | 4031218225 | Bridge 391 - Governor's Rd, 275m w/o Weir Rd                   | 2,049,000  | 1,566,179  | 483,557   | (736)     | 100.0%  | M.Oddi              | Complete - pending final review/audit/payment                                                                                                                                                                                                                                                                                                                                          |
| 2012 | 4031218228 | Bridge 248 - King St W 145 m w/o Bond St                       | 400,000    | 129,639    | 48,676    | 221,685   | 44.6%   | R.Andoga/T. McClung | Ongoing multi-year project. Class EA/ESA study underway, Design in 2017, Construction in 2019                                                                                                                                                                                                                                                                                          |
| 2012 | 4031218526 | Bridge 451 - Hwy 5 E, 120m e/o Mill St S                       | 550,000    | 206,764    | 174,456   | 168,780   | 69.3%   | R.Andoga/T. McClung | Ongoing - multi-year project. Ongoing Functional & Archaeological review, 2017 Design, Construction 2024.                                                                                                                                                                                                                                                                              |
| 2013 | 4031314405 | Contaminated Soil & Rock Disposal 2013                         | 1,683,000  | 1,430,402  | 161,737   | 90,861    | 94.6%   | R.Andoga/P. McNab   | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                                                                                                                                                     |
| 2013 | 4031319101 | Road Reconstruction Program - 2013                             | 10,696,000 | 9,522,265  | 627,046   | 546,689   | 94.9%   | M.Oddi/P. McNab     | Multi-year project. 8 of 9 projects have been awarded. Burlington & Industrial - Ottawa to Kenilworth has been delayed and rebudgeted in 2020. Garth reconstruction and Centennial major contributors to existing purchase orders. Per the proposed 2018 Capital Budget, \$200k surplus being returned to gas tax reserve and \$220k is being used to WIP fund the 2018 roads program. |
| 2014 | 4031418425 | Bridge 450 - Highway No 5                                      | 350,000    | 170,074    | 91,011    | 88,915    | 74.6%   | R.Andoga/T. McClung | Ongoing multi-year project. Design ongoing and Construction 2018.                                                                                                                                                                                                                                                                                                                      |
| 2014 | 4031418426 | Bridge 088 - Mill St                                           | 1,709,000  | 626,518    | 1,104,844 | (22,362)  | .101.3% | M.Oddi              | Construction ongoing                                                                                                                                                                                                                                                                                                                                                                   |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects**  
As of September 30, 2017

| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                       | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager          | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                                                                                                                                                                 |
|---------------|-------------|---------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                                   | a                    | b                        | c                   | d                                       | e                           |                          |                                                                                                                                                                                                                                                                                                                                                                                |
| 2014          | 4031418430  | Bridge 344 - Concession 5W                        | 650,000              | 142,878                  | 449,742             | 57,380                                  | 91.2%                       | M.Oddi                   | Construction ongoing                                                                                                                                                                                                                                                                                                                                                           |
| 2014          | 4031418436  | Bridge 449 - Hwy 52                               | 2,450,000            | 1,701,942                | 789,879             | (41,821)                                | 101.7%                      | M.Oddi                   | Construction ongoing                                                                                                                                                                                                                                                                                                                                                           |
| 2014          | 4031418437  | Bridge 417 - Harrison Road                        | 150,000              | 39,192                   | 13,991              | 96,817                                  | 35.5%                       | R.Andoga/T. McClung      | Ongoing multi-year project. Design ongoing and Construction accelerated from 2020 to 2019                                                                                                                                                                                                                                                                                      |
| 2014          | 4031418438  | Bridge 397 - Glancaster Road                      | 610,000              | 90,334                   | 17,198              | 502,468                                 | 17.6%                       | R.Andoga/T. McClung      | Ongoing multi-year project. Construction funding in 2017 but construction likely to be delayed until 2018 .                                                                                                                                                                                                                                                                    |
| 2014          | 4031418447  | Bridge 447 - Bell Rd                              | 570,000              | 112,179                  | 380,166             | 77,655                                  | 86.4%                       | M.Oddi                   | Construction ongoing                                                                                                                                                                                                                                                                                                                                                           |
| 2014          | 4031419101  | Road Reconstruction Program - 2014                | 12,310,000           | 11,571,302               | 476,653             | 262,045                                 | 97.9%                       | M.Oddi/P. McNab          | Multi-year project. The majority of the purchase orders are for James - Barton to Strachan and Parkdale - Barton to Burlington. Surplus approximately \$250k at this time.                                                                                                                                                                                                     |
| 2014          | 4241409105* | W1 Alleyway Improvements                          | 100,000              | 36,136                   | 0                   | 63,864                                  | 36.1%                       | P.Wobschall/J DiDomenico | This work was coordinated by P&P on behalf of the citizens and Ward 1 Councillor as discussed through Participatory Budgeting process. The activities are in progress and being delivered by Roads & Maintenance (Operations Division). They will be charging back their (internal) costs to this Project ID. Anticipate that the work will be complete by the end of Q4-2017. |
| 2014          | 4241409705* | Chipman Ave-Urbanization                          | 350,000              | 257,474                  | 22,415              | 70,111                                  | 80.0%                       | M.Oddi                   | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                                                                                                                                             |
| 2015          | 4031511015  | Road Resurfacing Program - 2015                   | 4,890,000            | 4,137,073                | 134,181             | 618,746                                 | 87.3%                       | M.Oddi/Pat McNab         | Complete - Close once commitments are paid/cleared. Per the proposed 2018 Capital Budget, \$500k surplus being returned to gas tax reserve.                                                                                                                                                                                                                                    |
| 2015          | 4031511225  | Geotechnical Investigation Program - 2015         | 208,000              | 180,789                  | 27,409              | (198)                                   | 100.1%                      | M.Oddi/P. McNab          | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                                                                                                                                             |
| 2015          | 4031515820  | Traffic Counts Program - 2015                     | 150,000              | 113,002                  | 37,893              | (895)                                   | 100.6%                      | G.McGuire                | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                                                                                                                                             |
| 2015          | 4031518219  | Structural Investigations and Reports - 2015      | 400,000              | 238,090                  | 163,494             | (1,584)                                 | 100.4%                      | R.Andoga/T. McClung      | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                                                                                                                                             |
| 2015          | 4031518347  | Bridge 347 - Carlisle Rd, 355 m w/o Wildberry Way | 400,000              | 48,569                   | 23,796              | 327,635                                 | 18.1%                       | R.Andoga/T. McClung      | CLOSE once p.o. has been paid/closed - REBUDGETED FOR CONSTRUCTION IN 2024. Per 2018 proposed Capital Budget, \$300k surplus being returned to gas tax reserve.                                                                                                                                                                                                                |
| 2015          | 4031518360  | Bridge 360 - Blackheath Rd, 360m n/o Haldibrook   | 150,000              | 30,802                   | 20,253              | 98,945                                  | 34.0%                       | R.Andoga/T. McClung      | Ongoing multi-year project. Design ongoing and Construction 2019.                                                                                                                                                                                                                                                                                                              |
| 2015          | 4031518403  | Bridge 403 - Harrison Rd, 275m s/o Kirk Rd        | 150,000              | 41,467                   | 7,301               | 101,232                                 | 32.5%                       | R.Andoga/T. McClung      | CLOSE once p.o. has been paid/closed - REBUDGETED FOR CONSTRUCTION IN 2027.                                                                                                                                                                                                                                                                                                    |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects  
 As of September 30, 2017

| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                           | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager     | STATUS EXPLANATION as of September 30, 2017                                                                                                                                                                              |
|---------------|-------------|-------------------------------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                                       | a                    | b                        | c                   | d                                    | e                        |                     |                                                                                                                                                                                                                          |
| 2015          | 4031518405  | Bridge 405 - Blackheath Rd, 225m n/o Haldibrook Rd    | 150,000              | 34,267                   | 9,128               | 106,605                              | 28.9%                    | R.Andoga/T. McClung | Ongoing multi-year project. Design ongoing and Construction 2019.                                                                                                                                                        |
| 2015          | 4031518409  | Bridge 409 - Regional Rd 97                           | 150,000              | 22,401                   | 3,826               | 123,773                              | 17.5%                    | R.Andoga/T. McClung | CLOSE once p.o. has been paid/closed - REBUDGETED FOR CONSTRUCTION IN 2024. Per 2018 proposed Capital Budget, \$100k surplus being returned to gas tax reserve.                                                          |
| 2015          | 4031518533  | Hwy 8 Culvert (Dundas Hill) - 230 m n/o Springhill Rd | 1,000,000            | 660,207                  | 54,815              | 284,978                              | 71.5%                    | M.Oddi              | Complete - Close once commitments are paid/cleared. Per the proposed 2018 Capital Budget, \$250k surplus being returned to gas tax reserve.                                                                              |
| 2015          | 4031519101* | Road Reconstruction Program - 2015                    | 9,840,000            | 6,974,908                | 1,907,052           | 958,040                              | 90.3%                    | M.Oddi/P. McNab     | Multi-year project. 5 of 6 project awarded. One project is design only in 2017 (Hwy 8 - Bridge over Spencer Creek to Hillcrest). Per the proposed 2018 Capital Budget, \$470k surplus being returned to gas tax reserve. |
| 2015          | 4031555522  | State of the Infrastructure - Asset Management        | 470,000              | 400,716                  | 59,028              | 10,256                               | 97.8%                    | R.Andoga/A. Jazvac  | Complete - Close once commitments are paid/cleared                                                                                                                                                                       |
| 2015          | 4041510016  | Street Lighting Program - New Lights - 2015           | 1,200,000            | 525,032                  | 260,977             | 413,991                              | 65.5%                    | G.McGuire           | On-going - funding allocated to PW capital construction projects                                                                                                                                                         |
| 2015          | 4041510017  | Street Lighting Capital Program - 2015                | 1,865,000            | 997,731                  | 212,591             | 654,678                              | 64.9%                    | G.McGuire           | \$600k being used to WIP fund 2018 roads program.                                                                                                                                                                        |
| 2015          | 4241509114* | Cromwell Cres Roads & Sidewalk                        | 300,000              | 264,937                  | 25,318              | 9,745                                | 96.8%                    | M.Oddi              | Complete - Close once commitments are paid/cleared                                                                                                                                                                       |
| 2016          | 4031610006  | Minor Construction - 2016                             | 300,000              | 243,355                  | 44,036              | 12,609                               | 95.8%                    | R.Andoga/P. McNab   | Ongoing - work in progress, close after year end 2017                                                                                                                                                                    |
| 2016          | 4031611015  | Road Resurfacing Program - 2016                       | 4,980,000            | 4,147,652                | 308,377             | 523,971                              | 89.5%                    | M.Oddi/P. McNab     | Multi-year project. 6 of 7 projects awarded. Milborough Line - Carlisle / Kilbride St to Derry Rd being cost shared with Halton. Surplus unknown until completion of all projects.                                       |
| 2016          | 4031611016  | Asset Preservation - Local Roads - 2016               | 8,500,000            | 7,639,180                | 38,643              | 822,177                              | 90.3%                    | M.Oddi/P. McNab     | Complete - Close once commitments are paid/cleared. Per the proposed 2018 Capital Budget, \$800k surplus being returned to gas tax reserve.                                                                              |
| 2016          | 4031611222  | New Sidewalk Program - 2016                           | 480,000              | 387,701                  | 18,920              | 73,379                               | 84.7%                    | M.Oddi              | Ongoing - work in progress.                                                                                                                                                                                              |
| 2016          | 4031611225  | Geotechnical Investigation Program - 2016             | 209,000              | 154,733                  | 48,205              | 6,062                                | 97.1%                    | M.Oddi/P. McNab     | Complete - Close once commitments are paid/cleared                                                                                                                                                                       |
| 2016          | 4031611601  | CP Minor Mntce Ward 1                                 | 1,705,310            | 166,385                  | (6,265)             | 1,545,190                            | 9.4%                     | R.Andoga/P. McNab   | % spent based on Councillor requests. \$150k of balance earmarked for Haddon - 115 metres north of Sterling to Marion                                                                                                    |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects**  
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| YEAR APPROVED | PROJECT ID | DESCRIPTION                            | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager     | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                             |
|---------------|------------|----------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |            |                                        | a                    | b                        | c                   | d                                       | e                           |                     |                                                                                                                                                            |
| 2016          | 4031611602 | CP Minor Mntce Ward 2                  | 1,671,310            | 174,131                  | 23,566              | 1,473,613                               | 11.8%                       | R.Andoga/P. McNab   | % spent based on Councillor requests                                                                                                                       |
| 2016          | 4031611603 | CP Minor Mntce Ward 3                  | 1,548,450            | 573,866                  | 155,816             | 818,768                                 | 47.1%                       | R.Andoga/P. McNab   | % spent based on Councillor requests. \$30k earmarked for speed humps on Fife and \$15k for Victoria Curling Club - Alleyway/Driveway Rehab                |
| 2016          | 4031611604 | CP Minor Mntce Ward 4                  | 986,890              | 97,772                   | 0                   | 889,118                                 | 9.9%                        | R.Andoga/P. McNab   | % spent based on Councillor requests                                                                                                                       |
| 2016          | 4031611605 | CP Minor Mntce Ward 5                  | 1,011,300            | 704,677                  | 174,529             | 132,094                                 | 86.9%                       | R.Andoga/P. McNab   | % spent based on Councillor requests                                                                                                                       |
| 2016          | 4031611606 | CP Minor Mntce Ward 6                  | 1,349,160            | 877,873                  | 125,498             | 345,789                                 | 74.4%                       | R.Andoga/P. McNab   | % spent based on Councillor requests. \$100k earmarked for Pinehurst - Margate to Fennell.                                                                 |
| 2016          | 4031611607 | CP Minor Mntce Ward 7                  | 1,167,960            | 345,503                  | 17,996              | 804,461                                 | 31.1%                       | R.Andoga/P. McNab   | % spent based on Councillor requests - \$100k earmarked for Springside - Rymal to Hydro corridor and \$90k for Eleanor - Dulgaren to Eaglewood.            |
| 2016          | 4031611608 | CP Minor Mntce Ward 8                  | 1,881,830            | 435,365                  | 1,302,421           | 144,044                                 | 92.3%                       | R.Andoga/P. McNab   | % spent based on Councillor requests                                                                                                                       |
| 2016          | 4031611609 | CP Minor Mntce Ward 9                  | 1,351,700            | 463,039                  | 59,993              | 828,668                                 | 38.7%                       | R.Andoga/P. McNab   | % spent based on Councillor requests. \$340k earmarked for First Rd West - Highland Rd to Isaac Brock and \$70k for Galbraith - Lake to park entrance.     |
| 2016          | 4031611610 | CP Minor Mntce Ward 10                 | 1,520,340            | 243,732                  | 0                   | 1,276,608                               | 16.0%                       | R.Andoga/P. McNab   | % spent based on Councillor requests. \$300k earmarked for Hewitson -DuPont To Barton and \$460k for Barton - Gray to Green.                               |
| 2016          | 4031611611 | CP Minor Mntce Ward 11                 | 853,960              | 443,120                  | 146,051             | 264,789                                 | 69.0%                       | R.Andoga/P. McNab   | % spent based on Councillor requests. \$60k earmarked for Springside Dr - hydro corridor to Spalding Drive - road repairs.                                 |
| 2016          | 4031611612 | CP Minor Mntce Ward 12                 | 1,343,660            | 97,776                   | 0                   | 1,245,884                               | 7.3%                        | R.Andoga/P. McNab   | % spent based on Councillor requests                                                                                                                       |
| 2016          | 4031611613 | CP Minor Mntce Ward 13                 | 1,455,310            | 607,300                  | 116,348             | 731,662                                 | 49.7%                       | R.Andoga/P. McNab   | % spent based on Councillor requests. \$70k earmarked for Bond - King to Park & Park - Bond to West Limit - resurfacing and \$40k for Hatt St Maintenance. |
| 2016          | 4031611614 | CP Minor Mntce Ward 14                 | 835,420              | 272,823                  | 0                   | 562,597                                 | 32.7%                       | R.Andoga/P. McNab   | % spent based on Councillor requests                                                                                                                       |
| 2016          | 4031611615 | CP Minor Mntce Ward 15                 | 899,990              | 449,858                  | 30,711              | 419,421                                 | 53.4%                       | R.Andoga/P. McNab   | % spent based on Councillor requests. \$40k earmarked for William Street - Closure and \$285k for Waterdown Memorial Park - parking lot.                   |
| 2016          | 4031614405 | Contaminated Soil & Rock Disposal 2016 | 637,000              | 242,241                  | 53,774              | 340,985                                 | 46.5%                       | R.Andoga/P. McNab   | Ongoing - work in progress. % spent is dependant upon contaminated soil/excess rock discovered at time of construction.                                    |
| 2016          | 4031615820 | Traffic Counts Program - 2016          | 150,000              | 17,679                   | 75,578              | 56,743                                  | 62.2%                       | G.McGuire           | Ongoing - work in progress                                                                                                                                 |
| 2016          | 4031617642 | Sherman Access Retaining Wall          | 800,000              | 902,443                  | 2,421,862           | (2,524,305)                             | 415.5%                      | R.Andoga/T. McClung | Capital improvements under construction, \$3M pre-approved in the 2018 Capital Budget.                                                                     |



| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                    | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager     | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                      |
|---------------|-------------|------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | a           | b                                              | c                    | d                        | e                   |                                         |                             |                     |                                                                                                                                                                                     |
| 2016          | 4031618090  | Bridge 090 - McMurray                          | 100,000              | 14,703                   | 13,061              | 72,236                                  | 27.8%                       | R.Andoga/T. McClung | Ongoing multi-year project. Class ESA study underway, Design in 2018, Construction in 2020                                                                                          |
| 2016          | 4031618218  | OSIM Bridge and Culvert Inspections 2016       | 220,000              | 176,645                  | 27,336              | 16,019                                  | 92.7%                       | R.Andoga/T. McClung | Complete - Close once commitments are paid/cleared                                                                                                                                  |
| 2016          | 4031618219  | Structural Investigations and Reports - 2016   | 400,000              | 137,170                  | 252,917             | 9,913                                   | 97.5%                       | R.Andoga/T. McClung | Ongoing - work in progress                                                                                                                                                          |
| 2016          | 4031618330  | Bridge 330-Birch @ Burlington                  | 100,000              | 51,462                   | 7,535               | 41,003                                  | 59.0%                       | R.Andoga/T. McClung | CLOSE once p.o. has been paid/closed - REBUDGETED FOR CONSTRUCTION IN 2025. Per 2018 proposed Capital Budget, \$40k surplus being returned to gas tax reserve.                      |
| 2016          | 4031618332  | Bridge 332 - Birch @ Princess                  | 100,000              | 35,058                   | 23,655              | 41,287                                  | 58.7%                       | R.Andoga/T. McClung | CLOSE once p.o. has been paid/closed - REBUDGETED FOR CONSTRUCTION IN 2025. Per 2018 proposed Capital Budget, \$40k surplus being returned to gas tax reserve.                      |
| 2016          | 4031618355  | Bridge 355 - White Church                      | 1,100,000            | 297,573                  | 814,776             | (12,349)                                | 101.1%                      | M.Oddi              | Ongoing multi-year project. Construction complete by end of November 2017 with surface asphalt in summer of 2018.                                                                   |
| 2016          | 4031618385  | Bridge 385 - Westover Rd                       | 150,000              | 17,479                   | 20,893              | 111,628                                 | 25.6%                       | R.Andoga/T. McClung | Ongoing multi-year project. Design ongoing and Construction 2019.                                                                                                                   |
| 2016          | 4031619101  | Road Reconstruction Program - 2016             | 3,510,000            | 2,197,715                | 1,338,842           | (26,557)                                | 100.8%                      | M.Oddi/P. McNab     | Multi-year project. 3 of 5 projects awarded and 1 cancelled. Mohawk - Upper Ottawa to Upper Kenilworth design only in 2017 and construction proposed in 2018.                       |
| 2016          | 4031619102* | Britannia / Oriole / Adair / Glassco           | 2,750,000            | 1,598,012                | 961,344             | 190,644                                 | 93.1%                       | M.Oddi/P. McNab     | Complete - pending final review/audit/payment                                                                                                                                       |
| 2016          | 4031619669* | Winterberry - LINC to Old Mud                  | 190,000              | 203,032                  | 0                   | (13,032)                                | 106.9%                      | R.Andoga/P. McNab   | Complete - pending final audit                                                                                                                                                      |
| 2016          | 4031649555  | QA-QC Service Contract - 2016                  | 150,000              | 87,139                   | 36,946              | 25,915                                  | 82.7%                       | M.Oddi/P. McNab     | Complete - Close once commitments are paid/cleared                                                                                                                                  |
| 2016          | 4031655522  | State of the Infrastructure - Asset Management | 600,000              | 62,248                   | 15,000              | 522,752                                 | 12.9%                       | R.Andoga/A. Jazvac  | Various reporting currently under development including Asset Management Plan for Provincial Compliance. Further budget allocations suspended until these funds have been depleted. |
| 2016          | 4031655556  | Mapping Update - 2016                          | 70,000               | 6,730                    | 36,300              | 26,970                                  | 61.5%                       | G.McGuire           | Ongoing - work in progress                                                                                                                                                          |
| 2016          | 4041610016  | Street Lighting Program - New Lights - 2016    | 2,000,000            | 1,081,626                | 66,248              | 852,126                                 | 57.4%                       | G.McGuire           | On-going - funding allocated to PW capital construction projects                                                                                                                    |
| 2016          | 4041610018  | Low-Wattage-LED Replace                        | 5,700,000            | 2,042,705                | 2,782,270           | 875,025                                 | 84.6%                       | G.McGuire           | Project on-going, ultimate completion targeted for Q4 2019                                                                                                                          |
| 2016          | 4241609601* | Mohawk - Up Sherman to Up Gage                 | 680,000              | 513,811                  | 29,188              | 137,001                                 | 79.9%                       | M.Oddi              | Complete - Close once commitments are paid/cleared                                                                                                                                  |
| 2016          | 4241609602* | Mohawk - Up Gage to Up Ottawa                  | 880,000              | 620,417                  | 35,674              | 223,909                                 | 74.6%                       | M.Oddi              | Complete - Close once commitments are paid/cleared                                                                                                                                  |

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**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects**  
As of September 30, 2017

| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                                   | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager     | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                                                          |
|---------------|-------------|---------------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                                               | a                    | b                        | c                   | d                                       | e                           |                     |                                                                                                                                                                                                                                                                         |
| 2017          | 4031707750  | Industrial Zone Air Quality Initiative                        | 640,000              | 0                        | 0                   | 640,000                                 | 0.0%                        | Rick Andoga         | \$640k being used to wip fund the 2018 Roads program and then this project can be closed.                                                                                                                                                                               |
| 2017          | 4031710006  | Minor Construction - 2017                                     | 300,000              | 68,314                   | 96,319              | 135,367                                 | 54.9%                       | R.Andoga/P. McNab   | Ongoing - work in progress                                                                                                                                                                                                                                              |
| 2017          | 4031711015  | Road Resurfacing Program - 2017                               | 6,510,000            | 2,958,288                | 822,939             | 2,728,773                               | 58.1%                       | M.Oddi/P. McNab     | Multi-year project. 2 of 4 projects completed. Southcote - Calder to Garner is design only with construction proposed in 2020. \$2.3m rural hot mix tender to be done in 2018 after cold-in-place investigations are complete.                                          |
| 2017          | 4031711016* | Asset Preservation - Local Roads - 2017                       | 11,920,000           | 4,266,455                | 7,258,952           | 394,593                                 | 96.7%                       | M.Oddi/P. McNab     | 6 of 6 projects ongoing with Redhill North to be completed in 2018. Surplus unknown until completion of all projects.                                                                                                                                                   |
| 2017          | 4031711222  | New Sidewalk Program - 2017                                   | 490,000              | 138,420                  | 48,503              | 303,077                                 | 38.1%                       | R.Andoga/A. Jazvac  | Ongoing - work in progress. Construction of Centre Rd sidewalk deferred and to take place in 2018.                                                                                                                                                                      |
| 2017          | 4031711225  | Geotechnical Investigation Program - 2017                     | 200,000              | 67,177                   | 142,487             | (9,664)                                 | 104.8%                      | M.Oddi/P. McNab     | Ongoing - work in progress                                                                                                                                                                                                                                              |
| 2017          | 4031718218  | OSIM Bridge and Culvert Inspections 2017                      | 300,000              | 97,489                   | 138,910             | 63,601                                  | 78.8%                       | R.Andoga/T. McClung | Ongoing - work in progress                                                                                                                                                                                                                                              |
| 2017          | 4031718219  | Structural Investigations and Reports - 2017                  | 400,000              | 56,565                   | 37,081              | 306,354                                 | 23.4%                       | R.Andoga/T. McClung | Ongoing - work in progress                                                                                                                                                                                                                                              |
| 2017          | 4031718452  | Bridge 452 - Centennial Pkwy, 990m n/o Ridge                  | 100,000              | 11,586                   | 78,235              | 10,179                                  | 89.8%                       | R.Andoga/T. McClung | Ongoing multi-year project. Construction 2022.                                                                                                                                                                                                                          |
| 2017          | 4031719101  | Road Reconstruction Program - 2017                            | 2,371,000            | 992,788                  | 1,313,534           | 64,678                                  | 97.3%                       | M.Oddi/P. McNab     | Multi-year project. McNeilly Road complete. Sanatorium 2017/2018 construction. Burlington & Industrial - Birch to Gage design only in 2017 with construction proposed in 2020.                                                                                          |
| 2017          | 4031749555  | QA-QC Service Contract - 2017                                 | 150,000              | 17,379                   | 0                   | 132,621                                 | 11.6%                       | M.Oddi              | Ongoing - work in progress                                                                                                                                                                                                                                              |
| 2017          | 4031755019  | Lincoln M. Alexander & Red Hill Valley Parkway Lighting Study | 130,000              | 0                        | 0                   | 130,000                                 | 0.0%                        | G.McGuire           | Study on-going, anticipated completion Q2 2018                                                                                                                                                                                                                          |
| 2017          | 4031755522  | State of the Infrastructure - Asset Management                | 400,000              | 41,110                   | 0                   | 358,890                                 | 10.3%                       | R.Andoga/A. Jazvac  | Various reporting currently under development including Asset Management Plan for Provincial Compliance. Further budget allocations suspended until these funds have been depleted. Per 2018 proposed Capital Budget, \$160k surplus being returned to gas tax reserve. |
| 2017          | 4031755556  | Mapping Update - 2017                                         | 70,000               | 0                        | 0                   | 70,000                                  | 0.0%                        | G.McGuire           | Anticipate 100% spent by year end 2018. No future budgets in the roads program until these funds are depleted.                                                                                                                                                          |

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| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                                         | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager    | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                       |
|---------------|-------------|---------------------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |             |                                                                     | a                    | b                        | c                   | d                                       | e                           |                    |                                                                                                                                                                      |
| 2017          | 4041710016  | Street Lighting Program - New Lights - 2017                         | 700,000              | 902                      | 224,777             | 474,321                                 | 32.2%                       | G.McGuire          | On-going - funding allocated to PW capital construction projects                                                                                                     |
| 2017          | 4041710017  | Street Lighting Capital Program - 2017                              | 740,000              | 18,762                   | 172,061             | 549,177                                 | 25.8%                       | G.McGuire          | On-going - funding allocated to PW capital construction projects                                                                                                     |
| 2017          | 4241609216* | Stinson Bike Lanes Repair                                           | 200,000              | 0                        | 0                   | 200,000                                 | 0.0%                        | M.Oddi             | Complete - pending final review/audit/payment                                                                                                                        |
| 2017          | 4241709201* | Area Rating - Ferguson Ave N - Simcoe to Burlington (W2 A/R)        | 150,000              | 0                        | 0                   | 150,000                                 | 0.0%                        | R.Andoga/A. Jazvac | Ongoing - work in progress - 2017 funding is for project design, 2018 utility coordination, upon completion of design, project to go to tender for 2019 construction |
| 2017          | 4241709202* | Area Rating - Stinson - Wentworth to Wellington (W2 A/R)            | 224,000              | 245                      | 220,109             | 3,646                                   | 98.4%                       | M.Oddi             | Complete - pending final review/audit/payment                                                                                                                        |
| 2017          | 4241709203* | Area Rating - James - Duke to Bridge (W2 A/R)                       | 150,000              | 0                        | 0                   | 150,000                                 | 0.0%                        | R.Andoga/A. Jazvac | Ongoing - work in progress - 2017 funding is for project design, project to go to tender for 2018 construction                                                       |
| 2017          | 4241709501* | Area Rating - Kentley Dr / Crawford Dr / Hart Pl (W5 A/R)           | 300,000              | 97,580                   | 161,351             | 41,069                                  | 86.3%                       | M.Oddi             | Complete - pending final review/audit/payment                                                                                                                        |
| 2017          | 4241709502* | Area Rating - Covington - Barton to Cascade (New Sidewalk) (W5 A/R) | 120,000              | 69                       | 117,555             | 2,376                                   | 98.0%                       | M.Oddi             | Complete - pending final review/audit/payment                                                                                                                        |
| 2017          | 4241709505* | Road Work Mount Albion                                              | 800,000              | 0                        | 772,214             | 27,786                                  | 96.5%                       | M.Oddi             | Construction ongoing                                                                                                                                                 |
| 2017          | 4241709601* | Area Rating - Upper Ottawa - Reno to Mountain Brow (W6 A/R)         | 1,850,000            | 404,354                  | 1,311,544           | 134,102                                 | 92.8%                       | M.Oddi             | Construction ongoing                                                                                                                                                 |
| 2017          | 4241709602* | Area Rating - Fennell - Upper Gage to Upper Ottawa (W6 A/R)         | 800,000              | 155,230                  | 504,440             | 140,330                                 | 82.5%                       | M.Oddi             | Complete - pending final review/audit/payment                                                                                                                        |
| 2017          | 4241709603* | Area Rating - Fern / Doreen / Tilbury / Filer / Cecilia (W6 A/R)    | 300,000              | 62,092                   | 201,776             | 36,132                                  | 88.0%                       | M.Oddi             | Complete - pending final review/audit/payment                                                                                                                        |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

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| YEAR APPROVED                             | PROJECT ID  | DESCRIPTION                                                                   | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017 |
|-------------------------------------------|-------------|-------------------------------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|------------------------------------------------|
|                                           |             |                                                                               | a                    | b                        | c                   | d                                       | e                           |                 |                                                |
| 2017                                      | 4241709801* | Area Rating - Cranbrook Dr / Gardiner Dr / Courtland Ave (W8 A/R)             | 920,000              | 917,563                  | 1,693               | 744                                     | 99.9%                       | M.Oddi          | Complete - pending final review/audit/payment  |
| 2017                                      | 4241709802* | Area Rating - San Francisco / San Pedro / Goulding (W8 A/R)                   | 1,300,000            | 97,598                   | 1,181,563           | 20,839                                  | 98.4%                       | M.Oddi          | Construction ongoing                           |
| 2017                                      | 4241709803* | Area Rating - Upper Horning (north of LINC) / Appleford / Millstream (W8 A/R) | 400,000              | 168,641                  | 146,082             | 85,277                                  | 78.7%                       | M.Oddi          | Complete - pending final review/audit/payment  |
| 2017                                      | 4241709804* | Area Rating - Upper Horning (south of LINC) / Adis Ave (W8 A/R)               | 1,080,000            | 509,460                  | 438,247             | 132,293                                 | 87.8%                       | M.Oddi          | Complete - pending final review/audit/payment  |
| 2017                                      | 4241709805* | Area Rating - Courtland / Regent / Dydzak / Skyview (W8 A/R)                  | 650,000              | 611,028                  | 1,693               | 37,279                                  | 94.3%                       | M.Oddi          | Complete - pending final review/audit/payment  |
| <b>Total Roads - Engineering Services</b> |             |                                                                               | <b>161,532,090</b>   | <b>94,971,844</b>        | <b>35,549,784</b>   | <b>31,010,462</b>                       | <b>80.8%</b>                |                 |                                                |

**Roads - Operations & Maintenance**

|      |            |                                                                  |           |         |         |           |       |          |                                                                                                                     |
|------|------------|------------------------------------------------------------------|-----------|---------|---------|-----------|-------|----------|---------------------------------------------------------------------------------------------------------------------|
| 2013 | 4031321350 | Fleet Additions - Roads O&M                                      | 300,000   | 146,280 | 112,150 | 41,570    | 86.1% | B.Paul   | Anticipate 100% spent Q4 2017.                                                                                      |
| 2014 | 4031441460 | Salt/Sand Storage Rehab                                          | 400,000   | 305,526 | 4,210   | 90,264    | 77.4% | B.Hughes | Anticipate 100% spent Q4 2017                                                                                       |
| 2015 | 4031517241 | Fencing/Sound Barrier Rehab/Replace within Road Allowance - 2015 | 200,000   | 80,454  | 8,300   | 111,246   | 44.4% | B.Hughes | Anticipate 100% spent Q4 2017                                                                                       |
| 2015 | 4031517522 | Shaver Road Yard Drainage Rehabilitation                         | 290,000   | 250,847 | 30,110  | 9,043     | 96.9% | B.Hughes | Work complete                                                                                                       |
| 2015 | 4031541910 | Snow Disposal Facility                                           | 2,085,000 | 127,809 | 294,662 | 1,662,529 | 20.3% | B.Hughes | Works at Upper Ottawa facility to be completed Q4 2017. North end land acquisition with Portfolio Mgmt. Group       |
| 2015 | 4041511351 | Roads - Alleyway Rehabilitation - 2015                           | 441,000   | 1,288   | 12,130  | 427,582   | 3.0%  | B.Hughes | \$300K being used to WIP fund 2018 roads program and remaining \$100k being used to WIP fund 2018 alleyway program. |

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| YEAR APPROVED | PROJECT ID | DESCRIPTION                                                      | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                |
|---------------|------------|------------------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|-----------------------------------------------------------------------------------------------|
|               |            |                                                                  | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                               |
| 2016          | 4031610012 | Railway Roadway Crossings Rehab Program - 2016                   | 150,000              | 47,424                   | 0                   | 102,576                                 | 31.6%                       | B.Hughes        | Rail Authority has not scheduled work, non-compliance issue now reported to Transport Canada. |
| 2016          | 4031611223 | Semi Barrier Rehabilitation Program - 2016                       | 200,000              | 171,662                  | 0                   | 28,338                                  | 85.8%                       | B.Hughes        | Works in progress. Anticipate 100% spent by Q2 2018                                           |
| 2016          | 4031611224 | Sidewalk Rehabilitation Program - 2016                           | 577,995              | 214,739                  | 363,256             | 0                                       | 100.0%                      | B.Hughes        | CLOSE AFTER YEAR END 2017 REPORTING                                                           |
| 2016          | 4031617241 | Fencing/Sound Barrier Rehab/Replace within Road Allowance - 2016 | 50,000               | 5,515                    | 12,428              | 32,057                                  | 35.9%                       | B.Hughes        | Anticipate 100% spent Q4 2017                                                                 |
| 2016          | 4031617677 | Preventative Maintenance Program - 2016                          | 2,000,000            | 1,397,060                | 602,941             | (1)                                     | 100.0%                      | B.Hughes        | Complete - Close once commitments are paid/cleared                                            |
| 2016          | 4031618217 | Bridge & Culvert Maintenance - 2016                              | 2,388,000            | 1,396,373                | 882,827             | 108,800                                 | 95.4%                       | B.Hughes        | 100% Spent/committed Q4 2017                                                                  |
| 2016          | 4031641762 | Yard Facility Maintenance & Improvement Program - 2016           | 294,000              | 146,741                  | 51,449              | 95,810                                  | 67.4%                       | B.Paul          | Anticipate 100% spent/committed Q2 2018                                                       |
| 2016          | 4031651410 | Roads Small Equip Purchase - 2016                                | 147,002              | 99,633                   | 48,431              | (1,062)                                 | 100.7%                      | B.Paul          | Complete - Close once commitments are paid/cleared                                            |
| 2016          | 4041610417 | Retaining Wall Rehabilitation - 2016                             | 700,000              | 526,910                  | 65,260              | 107,830                                 | 84.6%                       | B.Hughes        | Anticipate 100% spent Q4 2017                                                                 |
| 2016          | 4041617384 | Guide Rail Replacement Program - 2016                            | 400,000              | 260,113                  | 0                   | 139,887                                 | 65.0%                       | B.Hughes        | Anticipate 100% spent Q4 2017                                                                 |
| 2017          | 4031710005 | Major Road Maintenance Program - 2017                            | 1,000,000            | 121,899                  | 874,689             | 3,412                                   | 99.7%                       | B.Hughes        | Anticipate 100% spent Q2 2018                                                                 |
| 2017          | 4031710012 | Railway Roadway Crossings Rehab Program - 2017                   | 150,000              | 4,727                    | 0                   | 145,273                                 | 3.2%                        | B.Hughes        | Works subject to Rail Authority Programming                                                   |
| 2017          | 4031710715 | Railway Crossings - Review and Upgrades                          | 563,000              | 0                        | 0                   | 563,000                                 | 0.0%                        | B.Hughes        | RFP with procurement; studies complete Q3, 2018.                                              |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects  
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| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                                      | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017     |
|---------------|-------------|------------------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|----------------------------------------------------|
|               |             |                                                                  | a                    | b                        | c                   | d                                       | e                           |                 |                                                    |
| 2017          | 4031711223  | Semi Barrier Rehabilitation Program - 2017                       | 200,000              | 200,000                  | 0                   | 0                                       | 100.0%                      | B.Hughes        | CLOSE AFTER YEAR END 2017 REPORTING                |
| 2017          | 4031711224  | Sidewalk Rehabilitation Program - 2017                           | 700,000              | 66,018                   | 527,655             | 106,327                                 | 84.8%                       | B.Hughes        | Anticipate 100% spent Q2 2018                      |
| 2017          | 4031717241  | Fencing/Sound Barrier Rehab/Replace within Road Allowance - 2017 | 150,000              | 2,646                    | 8,300               | 139,054                                 | 7.3%                        | B.Hughes        | 2017 Works in progress; work in Q2, 2018           |
| 2017          | 4031717677  | Preventative Maintenance 2017                                    | 2,700,000            | 1,377,687                | 935,924             | 386,389                                 | 85.7%                       | B.Hughes        | Anticipate 100% spent Q3 2018                      |
| 2017          | 4031718217  | Bridge & Culvert Maintenance - 2017                              | 2,000,000            | 231,298                  | 1,121,977           | 646,725                                 | 67.7%                       | B.Hughes        | Anticipate 100% spent Q2 2018                      |
| 2017          | 4031721350  | Fleet Additions - Roads O&M                                      | 200,000              | 5,617                    | 0                   | 194,383                                 | 2.8%                        | B.Hughes        | Anticipate 100% spent/committed Q2 2018            |
| 2017          | 4031741760  | Chedoke Yard Salt Dome                                           | 91,000               | 5,088                    | 4,400               | 81,512                                  | 10.4%                       | B.Hughes        | Works tendered. Anticipate 100% spent Q4 2017.     |
| 2017          | 4031741762  | Yard Facility Maintenance & Improvement Program - 2017           | 150,000              | 16,467                   | 9,800               | 123,733                                 | 17.5%                       | B.Hughes        | Anticipate 100% spent/committed Q2 2018            |
| 2017          | 4031751410  | Roads Small Equip Purchase - 2017                                | 50,000               | 29,648                   | 20,864              | (512)                                   | 101.0%                      | B.Hughes        | Complete - Close once commitments are paid/cleared |
| 2017          | 4041710004  | Escarpment Slope Stabilization Program - 2017                    | 694,000              | 572,198                  | 64,504              | 57,298                                  | 91.7%                       | B.Hughes        | 2017 Works in progress.                            |
| 2017          | 4041710417  | Retaining Wall Rehabilitation - 2017                             | 700,000              | 155,909                  | 386,740             | 157,351                                 | 77.5%                       | B.Hughes        | 100%Spent/committed Q4 2017                        |
| 2017          | 4041714001  | Claremont Access Stabilization                                   | 1,100,000            | 1,119,362                | 0                   | (19,362)                                | 101.8%                      | B.Hughes        | Works complete.                                    |
| 2017          | 4041717384  | Guide Rail Replacement Program - 2017                            | 400,000              | 4,274                    | 0                   | 395,726                                 | 1.1%                        | B.Hughes        | Anticipate 100%spent Q4 2017                       |
| 2017          | 4041757722  | Road Operations - GPS/AVL Service                                | 420,000              | 237,800                  | 74,335              | 107,865                                 | 74.3%                       | B.Hughes        | Anticipate 100% spent Q2 2018                      |
| 2017          | 4041757723  | HANSEN/INFOR Mobile Application                                  | 240,000              | 23,873                   | 0                   | 216,127                                 | 9.9%                        | B.Hughes        | Pilot project undertaken. Implementation underway. |
| 2017          | 4241709504* | 2017 Mountable Curbs                                             | 200,000              | 71,400                   | 100,000             | 28,600                                  | 85.7%                       | B.Hughes        | Anticipate 100% spent/committed Q4 2017            |

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|---------------|------------|-------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|---------------------------------------------|
|               |            |             | a                    | b                        | c                   | d                                    | e                        |                 |                                             |

**Total Roads - O&M** 22,330,997 9,424,285 6,617,342 6,289,370 71.8%

**Roads - Traffic Operations**

|      |             |                                                         |           |         |         |           |        |                    |                                                                                                                                                 |
|------|-------------|---------------------------------------------------------|-----------|---------|---------|-----------|--------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 2013 | 4241309302* | Ward 3 Speed Humps                                      | 75,000    | 13,539  | 0       | 61,461    | 18.1%  | M.White/K. Wyskiel | Working with Ward 3 Councillor on location for speed humps                                                                                      |
| 2014 | 4031420425  | HWDSB - Upper Wentworth & Fieldway                      | 250,000   | 412,801 | 0       | (162,801) | 165.1% | M.White/K. Wyskiel | This project is to be cost recovered from the school board ( funds not recovered yet). Work has been completed and legal is reviewing.          |
| 2014 | 4041416102  | Traffic Calming - Various                               | 370,000   | 307,484 | 0       | 62,516    | 83.1%  | M.White/K. Wyskiel | Funds will be spent by year end 2017.                                                                                                           |
| 2014 | 4041417125  | Cannon Bi-Directional Cycle Track                       | 867,200   | 528,832 | 0       | 338,368   | 61.0%  | M.White/K. Wyskiel | 3 year pilot program on-going. Report on "pilot" in Q4 2017.                                                                                    |
| 2014 | 4041420017  | Traffic Signal LED Upgrades - 2014                      | 1,200,000 | 866,644 | 209,025 | 124,331   | 89.6%  | M.White/K. Wyskiel | \$100k being used to WIP fund 2018 roads program.                                                                                               |
| 2014 | 4041457411  | Video Detection and Intelligent Transportation System   | 1,200,000 | 654,154 | 40,200  | 505,646   | 57.9%  | M.White/K. Wyskiel | Further rollout of the Traffic Management Centre and the upgrading of the traffic infrastructure program will see the utilization of the funds. |
| 2014 | 4241409106* | W1 Calming Strip & Speed Bumps etc.                     | 200,000   | 52,833  | 0       | 147,167   | 26.4%  | M.White/K. Wyskiel | Working with Ward 1 Councillor project is underway.                                                                                             |
| 2014 | 4241409108* | W1 Bike Lanes - Longwood Rd N                           | 50,000    | 1,285   | 0       | 48,715    | 2.6%   | M.White/K. Wyskiel | Project is planned for 2017 implementation                                                                                                      |
| 2014 | 4241409113* | W1 Bike Racks                                           | 25,000    | 18,720  | 0       | 6,280     | 74.9%  | M.White/K. Wyskiel | Racks to be installed in approximately 25 locations in Ward 1 by Q3-2017.                                                                       |
| 2014 | 4241409115* | Improvements to Emerson                                 | 60,000    | 2,910   | 0       | 57,090    | 4.9%   | M.White/K. Wyskiel | Design in 2018                                                                                                                                  |
| 2015 | 4041514009  | New Traffic Signal-Mall Rd (395 Mohawk Rd E)            | 160,000   | 0       | 0       | 160,000   | 0.0%   | M.White/K. Wyskiel | Design work is complete. Work will be commencing by construction services.                                                                      |
| 2015 | 4041514011  | New Traffic Signal-Parkside and Hollybush               | 500,000   | 4,680   | 95,000  | 400,320   | 19.9%  | M.White/K. Wyskiel | Waiting for construction to begin before we do our signals.                                                                                     |
| 2015 | 4041514012  | New Traffic Signal - Fifty & South Service Rd (Walmart) | 500,000   | 57,812  | 0       | 442,188   | 11.6%  | M.White/K. Wyskiel | Project will begin 3rd Quarter 2017                                                                                                             |
| 2015 | 4041514015  | RR 56 Urbanization - Traffic Signals                    | 780,000   | 368,325 | 46,470  | 365,205   | 53.2%  | M.White/K. Wyskiel | Work is ongoing at these locations.                                                                                                             |
| 2015 | 4041515019  | Traffic Controller Replacement - 2015                   | 600,000   | 104,576 | 0       | 495,424   | 17.4%  | M.White/K. Wyskiel | \$400k being used to fund the 2018 program and then this project can be closed.                                                                 |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

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|---------------|-------------|----------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|--------------------|-----------------------------------------------------------------------------------------------------------|
|               |             |                                                          | a                    | b                        | c                   | d                                       | e                           |                    |                                                                                                           |
| 2015          | 4041520525  | IPS - Intersection Pedestrian Signal - 2015              | 700,000              | 173,268                  | 0                   | 526,732                                 | 24.8%                       | M.White/K. Wyskiel | Due to construction delays Main & Parkside not completed yet                                              |
| 2015          | 4041520540  | Traffic Signal Modernization Coordinated with ESI - 2015 | 1,150,000            | 627,496                  | 0                   | 522,504                                 | 54.6%                       | M.White/K. Wyskiel | Work ongoing as construction projects are commenced                                                       |
| 2015          | 4241509209* | Durand Traffic Calming                                   | 60,000               | 0                        | 0                   | 60,000                                  | 0.0%                        | M.White/K. Wyskiel | Waiting to resolve maintenance strategy prior to completion.                                              |
| 2016          | 4041617124  | On Street Bike Facilities - 2016                         | 300,000              | 261,704                  | 24,281              | 14,015                                  | 95.3%                       | M.White/K. Wyskiel | Funds to be fully spent by year end 2017                                                                  |
| 2016          | 4241609106* | Westdale Streets Master Plan                             | 150,000              | 0                        | 0                   | 150,000                                 | 0.0%                        | M.White/K. Wyskiel | Analysis is underway to determine areas to cover.                                                         |
| 2016          | 4241609107* | Ainslie Wood St Master Plan                              | 150,000              | 0                        | 0                   | 150,000                                 | 0.0%                        | M.White/K. Wyskiel | Working with Councillor                                                                                   |
| 2016          | 4241609211* | No Right Turns on Red Barton                             | 500                  | 0                        | 0                   | 500                                     | 0.0%                        | M.White/K. Wyskiel | Working with Ward 2 Councillor                                                                            |
| 2016          | 4241609212* | Ladder Crossing James St                                 | 25,000               | 5,768                    | 0                   | 19,232                                  | 23.1%                       | M.White/K. Wyskiel | Complete. Costing to be processed and then project can closed.                                            |
| 2016          | 4241609213* | James St Pedestrian Crossover                            | 50,000               | 0                        | 0                   | 50,000                                  | 0.0%                        | M.White/K. Wyskiel | Installation 2017                                                                                         |
| 2016          | 4241609214* | Ladder Crossing Cannon                                   | 1,000                | 0                        | 0                   | 1,000                                   | 0.0%                        | M.White/K. Wyskiel | Working with Ward 2 Councillor                                                                            |
| 2016          | 4241609217* | Pedestrian Crossover Charlton                            | 5,000                | 0                        | 0                   | 5,000                                   | 0.0%                        | M.White/K. Wyskiel | Working with Ward 2 Councillor                                                                            |
| 2016          | 4241609218* | Main 3 Phase Traffic Signal                              | 200,000              | 0                        | 0                   | 200,000                                 | 0.0%                        | M.White/K. Wyskiel | Working with Ward 2 Councillor                                                                            |
| 2016          | 4241609219* | Pedestrian Crossover Hunter                              | 5,000                | 0                        | 0                   | 5,000                                   | 0.0%                        | M.White/K. Wyskiel | Hunter @ Park - installation 2017                                                                         |
| 2016          | 4241609220* | Pedestrian Crossover Herkimer                            | 5,000                | 0                        | 0                   | 5,000                                   | 0.0%                        | M.White/K. Wyskiel | Herkimer @ Hess - installation 2017                                                                       |
| 2016          | 4241609221* | James Left Hand Turn Sign                                | 5,000                | 0                        | 0                   | 5,000                                   | 0.0%                        | M.White/K. Wyskiel | Working with Ward 2 Councillor                                                                            |
| 2016          | 4241609222* | Pedestrian Crossover Augusta                             | 5,000                | 0                        | 0                   | 5,000                                   | 0.0%                        | M.White/K. Wyskiel | Augusta @ Walnut - installation 2017 (includes narrowing)                                                 |
| 2016          | 4241609223* | Picton Hughson Intersection                              | 10,000               | 0                        | 0                   | 10,000                                  | 0.0%                        | M.White/K. Wyskiel | New AWS and ladders but pavement in poor condition to add ladders; installed standard crosswalks instead. |
| 2016          | 4241609224* | Barton MacNab Intersection                               | 4,000                | -                        | 0                   | 4,000                                   | 0.0%                        | M.White/K. Wyskiel | new ladder crosswalks to be installed Q4 2017                                                             |

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| YEAR APPROVED | PROJECT ID  | DESCRIPTION                                              | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager    | STATUS EXPLANATION as of September 30, 2017                                                     |
|---------------|-------------|----------------------------------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|--------------------|-------------------------------------------------------------------------------------------------|
|               |             |                                                          | a                    | b                        | c                   | d                                    | e                        |                    |                                                                                                 |
| 2016          | 4241609225* | Forest 3 Phase Traffic Signal                            | 250,000              | 0                        | 0                   | 250,000                              | 0.0%                     | M.White/K. Wyskiel | Working with Ward 2 Councillor                                                                  |
| 2016          | 4241609226* | Stinson Wellgtn Intersection                             | 5,000                | 0                        | 0                   | 5,000                                | 0.0%                     | M.White/K. Wyskiel | New PXO type B, and narrowings on both sides of street, installation to be completed by Q4 2017 |
| 2016          | 4241609804* | Ward 8 Dynamic Speed Signs                               | 15,000               | 0                        | 0                   | 15,000                               | 0.0%                     | M.White/K. Wyskiel | Work completed. Costing not journaled yet.                                                      |
| 2016          | 4661617725* | Claremont Access Bike Lanes                              | 200,000              | 2,773                    | 146,940             | 50,287                               | 74.9%                    | M.White/K. Wyskiel | Reporting to Council in February 2018                                                           |
| 2016          | 4661620001  | ATMS - Advanced Traffic Management System - 2016         | 1,847,000            | 1,552,113                | 269,885             | 25,002                               | 98.6%                    | M.White/K. Wyskiel | Funds to be fully spent by year end 2017                                                        |
| 2016          | 4661620008  | New Traffic Signal Installation Program - 2016           | 2,380,000            | 377,123                  | 82,418              | 1,920,459                            | 19.3%                    | M.White/K. Wyskiel | 2016 work to be completed Q4 2017                                                               |
| 2016          | 4661620017  | Traffic Signal LED Upgrades - 2016                       | 400,000              | 73,849                   | 0                   | 326,151                              | 18.5%                    | M.White/K. Wyskiel | 2016 program complete                                                                           |
| 2016          | 4661620019  | Traffic Controller Replacement - 2016                    | 600,000              | 0                        | 0                   | 600,000                              | 0.0%                     | M.White/K. Wyskiel | 2016 work will be underway upon receipt of new controllers.                                     |
| 2016          | 4661620053  | New Signal - Rymal @ Second                              | 150,000              | 0                        | 0                   | 150,000                              | 0.0%                     | M.White/K. Wyskiel | Temporary signal installed. This is to fund permanent signal once road widening is completed.   |
| 2016          | 4661620522  | Traffic Engineering - Signal Design - 2016               | 300,000              | 261,514                  | 18,086              | 20,400                               | 93.2%                    | M.White/K. Wyskiel | Complete - Close once commitments are paid/cleared                                              |
| 2016          | 4661620525  | IPS - Intersection Pedestrian Signal - 2016              | 550,000              | 144,414                  | 32,146              | 373,440                              | 32.1%                    | M.White/K. Wyskiel | Due to construction delays Parkside & Cole not completed yet                                    |
| 2016          | 4661620531  | APS - Accessible Pedestrian Signals - 2016               | 150,000              | 78,256                   | 41,754              | 29,990                               | 80.0%                    | M.White/K. Wyskiel | Installations underway funds to be spent by Q4 2017                                             |
| 2016          | 4661620540  | Traffic Signal Modernization Coordinated with ESI - 2016 | 1,230,000            | 474,986                  | 40,331              | 714,683                              | 41.9%                    | M.White/K. Wyskiel | Work ongoing as construction projects are commenced                                             |
| 2016          | 4661620550  | Hwy 6 Signal - Conc 5 & Hwy 6                            | 1,500,000            | 0                        | 0                   | 1,500,000                            | 0.0%                     | M.White/K. Wyskiel | Awaiting Ward 15 Councillor direction to proceed                                                |
| 2016          | 4661620630  | Two Way Road Conversion                                  | 790,000              | 214,492                  | 11,814              | 563,694                              | 28.6%                    | M.White/K. Wyskiel | Two way conversions progressing as per approved schedule                                        |
| 2017          | 4661717124  | On Street Bike Facilities - 2017                         | 300,000              | 36,567                   | 5,179               | 258,254                              | 13.9%                    | M.White/K. Wyskiel | 2017 Program Underway                                                                           |
| 2017          | 4661717726  | Bike Lanes - Bay Street                                  | 600,000              | 23,352                   | 126,463             | 450,185                              | 25.0%                    | M.White/K. Wyskiel | Project to be completed Oct 31, expenses to be charged in October                               |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects**  
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| YEAR APPROVED | PROJECT ID | DESCRIPTION                                                      | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager    | STATUS EXPLANATION<br>as of September 30, 2017        |
|---------------|------------|------------------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|--------------------|-------------------------------------------------------|
|               |            |                                                                  | a                    | b                        | c                   | d                                       | e                           |                    |                                                       |
| 2017          | 4661720001 | ATMS - Advanced Traffic Management System - 2017                 | 2,910,000            | 269,382                  | 170,446             | 2,470,172                               | 15.1%                       | M.White/K. Wyskiel | 2017 Camera deployment underway                       |
| 2017          | 4661720008 | New Traffic Signal Installation Program - 2017                   | 750,000              | 30,950                   | 448,783             | 270,267                                 | 64.0%                       | M.White/K. Wyskiel | 2017 work to be completed Q4 2017                     |
| 2017          | 4661720010 | Traffic Signal Modernization & Upgrades Program - 2017           | 800,000              | 97,358                   | 218,935             | 483,707                                 | 39.5%                       | M.White/K. Wyskiel | 2017 Program Underway                                 |
| 2017          | 4661720017 | Traffic Signal LED Upgrades - 2017                               | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | M.White/K. Wyskiel | 2017 Program Underway                                 |
| 2017          | 4661720019 | Traffic Controller Replacement - 2017                            | 150,000              | 0                        | 0                   | 150,000                                 | 0.0%                        | M.White/K. Wyskiel | 2017 Program Underway                                 |
| 2017          | 4661720522 | Traffic Engineering - Signal Design - 2017                       | 200,000              | 0                        | 62,145              | 137,855                                 | 31.1%                       | M.White/K. Wyskiel | 2017 Program Underway                                 |
| 2017          | 4661720525 | IPS - Intersection Pedestrian Signal - 2017                      | 250,000              | 3,323                    | 123,780             | 122,897                                 | 50.8%                       | M.White/K. Wyskiel | Installations underway funds to be spent by Q4 2017   |
| 2017          | 4661720531 | APS - Accessible Pedestrian Signals - 2017                       | 150,000              | 55,170                   | 0                   | 94,830                                  | 36.8%                       | M.White/K. Wyskiel | Installations underway funds to be spent by Q4 2017   |
| 2017          | 4661720540 | Traffic Signal Modernization Coordinated with ESI - 2017         | 750,000              | 0                        | 0                   | 750,000                                 | 0.0%                        | M.White/K. Wyskiel | Work ongoing as construction projects are commenced   |
| 2017          | 4661720720 | Annual Plastic Pavement Marking Rehabilitation                   | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | M.White/K. Wyskiel | Work has begun contractor bills not charged yet.      |
| 2017          | 4661720721 | Pedestrian Crossovers                                            | 300,000              | 1,195                    | 0                   | 298,805                                 | 0.4%                        | M.White/K. Wyskiel | 2017 Program Underway                                 |
| 2017          | 4661720722 | Overhead Sign Structure                                          | 100,000              | 0                        | 100,000             | 0                                       | 100.0%                      | M.White/K. Wyskiel | Work has been commenced. no charges expensed to date. |
| 2017          | 4661720723 | Wentworth Trail - Intersection Pedestrian Signal - IPS           | 300,000              | 0                        | 143,040             | 156,960                                 | 47.7%                       | M.White/K. Wyskiel | Work on schedule to be complete Q4 2017               |
| 2017          | 4661720725 | New Signal Installation - Upper Sherman @ Acadia Street/Dulgaren | 200,000              | 32,322                   | 26,834              | 140,844                                 | 29.6%                       | M.White/K. Wyskiel | 2017 Program Underway                                 |

City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects  
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|-----------------------------------------|------------|---------------------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|--------------------|-----------------------------------------------|
|                                         |            |                                             | a                    | b                        | c                   | d                                    | e                        |                    |                                               |
| 2017                                    | 4661720726 | New Traffic Signal - Dundas @ Evans/Skinner | 250,000              | 0                        | 0                   | 250,000                              | 0.0%                     | M.White/K. Wyskiel | Work not commenced yet awaiting construction. |
| 2017                                    | 4661720727 | New Traffic Signal - Dundas @ Avonside      | 250,000              | 0                        | 0                   | 250,000                              | 0.0%                     | M.White/K. Wyskiel | Work not commenced yet awaiting construction. |
| 2017                                    | 4661720730 | New Traffic Signal - Dundurn @ Chatham      | 375,000              | 1,363                    | 90,885              | 282,752                              | 24.6%                    | M.White/K. Wyskiel | Work not commenced yet awaiting construction. |
| 2017                                    | 4661720924 | Truck Route Master Plan                     | 200,000              | 0                        | 0                   | 200,000                              | 0.0%                     | M.White/K. Wyskiel | Project is underway                           |
| <b>Total Roads - Traffic Operations</b> |            |                                             | <b>29,064,700</b>    | <b>8,193,333</b>         | <b>2,574,840</b>    | <b>18,296,527</b>                    | <b>37.0%</b>             |                    |                                               |

**Roads - Capital & Strategic Planning**

|      |             |                                       |           |         |         |         |        |               |                                                                                                                                                                                                                             |
|------|-------------|---------------------------------------|-----------|---------|---------|---------|--------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2013 | 4031355310  | Ham Transportation MP Update          | 660,000   | 596,394 | 62,476  | 1,130   | 99.8%  | A.Kirkpatrick | Report going to Council in Q1 2018. Account can be closed once invoices paid.                                                                                                                                               |
| 2014 | 4031420622  | North End Traffic Mgmt Plan           | 1,300,000 | 269,621 | 913,499 | 116,880 | 91.0%  | A.Kirkpatrick | Detailed design and tendering complete with construction in 2017                                                                                                                                                            |
| 2015 | 4031555215  | Highway 403 Ramp Studies              | 951,440   | 35,025  | 38,447  | 877,968 | 7.7%   | A.Kirkpatrick | Ongoing negotiations regarding Ramp with MTO before achieving final approval to proceed with detailed design and tender.                                                                                                    |
| 2015 | 4041503519  | Bike Racks Urban Renewal              | 79,324    | 77,882  | 0       | 1,442   | 98.2%  | A.Kirkpatrick | Bicycle racks delivered with installation underway. Once completed, the PO can be closed.                                                                                                                                   |
| 2015 | 4241509108* | Road Work - Aberdeen from Queen       | 80,000    | 15,245  | 0       | 64,755  | 19.1%  | A.Kirkpatrick | Study initiation following approval of City Wide Transportation Master Plan. Completion could be Q4 2018.                                                                                                                   |
| 2015 | 4241509123* | Traffic Ops - Functional Design       | 50,000    | 42,182  | 8,548   | (730)   | 101.5% | A.Kirkpatrick | Report presented to Public Works in 2017. Committee received report with further action pending public engagement.                                                                                                          |
| 2016 | 4031655641  | Cordon Count Project                  | 110,000   | 90,338  | 6,824   | 12,838  | 88.3%  | A.Kirkpatrick | Analysis & reporting underway with other municipalities and MTO. Account can be closed once invoices paid.                                                                                                                  |
| 2016 | 4031655642  | Victoria - 2-way Conversion           | 360,000   | 18,742  | 11,500  | 329,758 | 8.4%   | A.Kirkpatrick | Track owner confirms Phase 1 conversion (Burlington St. to Ferrie Ave.) should be implemented by April/May 2018. Once Phase 1 conversion in place, Phase 2 preliminary review could be initiated - Ferrie Ave to Barton St. |
| 2016 | 4031655643  | Area Specific TM Plans                | 634,970   | 44,710  | 124,119 | 466,141 | 26.6%  | A.Kirkpatrick | Ongoing projects for the next 4 years. Account remains active.                                                                                                                                                              |
| 2016 | 4031655926  | T.M.P. Performance Measurement        | 263,095   | 0       | 0       | 263,095 | 0.0%   | A.Kirkpatrick | Ongoing - work in progress with City-wide Transportation Master Plan                                                                                                                                                        |
| 2016 | 4031655940  | Transportation Tomorrow Survey - 2016 | 259,370   | 65,235  | 41,084  | 153,051 | 41.0%  | A.Kirkpatrick | Analysis and reporting underway. Account remains active. Account to be closed once invoices paid.                                                                                                                           |
| 2016 | 4041655601  | Everyone Rides Initiative Pilot       | 524,945   | 362,547 | 136,699 | 25,699  | 95.1%  | A.Kirkpatrick | Three-year project underway                                                                                                                                                                                                 |

Note: \* Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects**  
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| YEAR APPROVED                                   | PROJECT ID  | DESCRIPTION                                             | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e<br>= (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                             |
|-------------------------------------------------|-------------|---------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|------------------------------------------------------------------------------------------------------------|
|                                                 |             |                                                         | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                            |
| 2016                                            | 4241609281* | Queen Street South Conversion                           | 150,000              | 0                        | 0                   | 150,000                                 | 0.0%                        | Al Kirkpatrick  | Report presented to PW Committee in June 2017. Further consideration by Committee pending.                 |
| 2017                                            | 4031718126  | Centennial Bridge over the QEW - multi-use path         | 150,000              | 0                        | 0                   | 150,000                                 | 0.0%                        | A.Kirkpatrick   | Negotiations completed. MTO has started construction.                                                      |
| 2017                                            | 4031720722  | North End Traffic Management Plan (NETMP) Study         | 200,000              | 0                        | 136,165             | 63,835                                  | 68.1%                       | A.Kirkpatrick   | Commence construction of three locations in 2017 with remainder in 2018                                    |
| 2017                                            | 4031755622  | Active Transportation Benchmarking - 2017               | 30,000               | 24,491                   | 0                   | 5,509                                   | 81.6%                       | A.Kirkpatrick   | 2017 program will be completed by year end. Account can be closed once invoices paid.                      |
| 2017                                            | 4031755820  | Transportation Demand Management & Smart Commute - 2017 | 437,500              | 176,849                  | 140,594             | 120,057                                 | 72.6%                       | A.Kirkpatrick   | Funds for Transportation Demand Management works in 2017. Funds for 2018 will be added to this project id. |
| 2017                                            | 4031755940  | Transportation Tomorrow Survey - 2017                   | 40,000               | 0                        | 0                   | 40,000                                  | 0.0%                        | A.Kirkpatrick   | Account remains active.                                                                                    |
| 2017                                            | 4031780180  | Mohawk - Wilson to Hwy 403                              | 150,000              | 0                        | 0                   | 150,000                                 | 0.0%                        | A.Kirkpatrick   | Transportation EA to be initiated                                                                          |
| <b>Total - Capital &amp; Strategic Planning</b> |             |                                                         | <b>6,430,644</b>     | <b>1,819,261</b>         | <b>1,619,955</b>    | <b>2,991,428</b>                        | <b>53.5%</b>                |                 |                                                                                                            |
| <b>Total Public Works - Tax Supported</b>       |             |                                                         | <b>890,645,882</b>   | <b>502,459,953</b>       | <b>175,596,430</b>  | <b>212,589,499</b>                      | <b>76.1%</b>                |                 |                                                                                                            |

**City of Hamilton Capital Projects Status Report - Public Works Rate Supported Projects**  
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| YEAR APPROVED                   | PROJECT ID | DESCRIPTION                                 | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE<br>e = (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                             |
|---------------------------------|------------|---------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |            |                                             | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                                                                                                            |
| <b>CAPITAL DELIVERY SECTION</b> |            |                                             |                      |                          |                     |                                         |                             |                 |                                                                                                                                                                                                                                            |
| <b>Water Rates</b>              |            |                                             |                      |                          |                     |                                         |                             |                 |                                                                                                                                                                                                                                            |
| 2006                            | 5140667650 | Carlise Communal Well Upgrade               | 4,840,000            | 4,690,929                | 23,657              | 125,414                                 | 97.4%                       | S.Leitch        | STATUS: Work Completed (Carlise Tower Refurbishment). NEXT STEPS: Completion Q4 2017.                                                                                                                                                      |
| 2009                            | 5140967950 | ISF-672-Ferguson Pumping Station Upgrade    | 22,730,000           | 22,972,241               | 34,552              | (276,793)                               | 101.2%                      | S.Leitch        | STATUS: Substantially Performed. Work in Progress - Investigation of the vertical turbine pump issues. NEXT STEPS: Completion Q4 2017. Negative balance due to unanticipated tax changes and internal staffing allocation.                 |
| 2009                            | 5140967951 | ISF-714-Hillcrest Reservoir                 | 13,400,000           | 12,734,081               | 85,000              | 580,919                                 | 95.7%                       | S.Leitch        | STATUS: Work Completed (Hillcrest Reservoir Phase 2, Royal Botanical Gardens Annual Reporting on Butternut Trees). NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed Q4 2017. |
| 2010                            | 5141061303 | Valve Chamber No 3 First-Isaac              | 2,790,000            | 2,355,661                | 555,609             | (121,270)                               | 104.3%                      | S.Leitch        | STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q2 2018. Negative balance due to internal staffing allocation.                                                              |
| 2011                            | 5141166110 | WTP - Process Upgrades                      | 8,150,000            | 1,873,765                | 1,185,101           | 5,091,134                               | 37.5%                       | S.Leitch        | STATUS: Work in Progress - Design of Woodward WTP Upgrades (Phase 1). NEXT STEPS: Request for Prequalified Contractors Q4 2017.                                                                                                            |
| 2012                            | 5141267270 | Water Control Valve Upgrades                | 4,060,000            | 288,438                  | 408,632             | 3,362,930                               | 17.2%                       | S.Leitch        | STATUS: Work in Progress - Design (Evaluating Tender Bids from 4 Prequalified Contractors). NEXT STEPS: Award Tender for Construction Q4 2017.                                                                                             |
| 2012                            | 5141267271 | Pumping Station HD018 Hwy 53 & HD011 Osler  | 740,000              | 635,697                  | 72,898              | 31,405                                  | 95.8%                       | S.Leitch        | STATUS: Substantially Performed (Osler HD011 Immediate Needs). NEXT STEPS: Account to be closed once maintenance and warranty period expires Q3 2018.                                                                                      |
| 2012                            | 5141267272 | Hillcrest Reservoir - HDR02                 | 12,200,000           | 10,496,144               | 1,420,597           | 283,259                                 | 97.7%                       | S.Leitch        | STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q3 2018.                                                                                                                    |
| 2012                            | 5141267274 | Kenilworth Pumping Station - HD005 Upgrades | 3,025,000            | 460,317                  | 157,118             | 2,407,565                               | 20.4%                       | S.Leitch        | STATUS: Work in Progress - Design (4 Contractors Pre-Qualified for Construction). NEXT STEPS: Tender for Construction Q4 2017.                                                                                                             |
| 2012                            | 5141267275 | SC Water Outstations Upgrade                | 3,890,000            | 3,688,696                | 269,643             | (68,339)                                | 101.8%                      | S.Leitch        | STATUS: Work Completed (Greenhill Reservoir). Work in Progress - Substantially Performed (Stoney Creek Outstations). NEXT STEPS: Issue Project Charter Q1 2017 (Ben Nevis Dewitt Reservoir Phase 2 - West Cell Upgrades).                  |
| 2012                            | 5141269250 | HVAC Upgrade New Lab & Admin                | 5,400,000            | 902,873                  | 156,749             | 4,340,378                               | 19.6%                       | S.Leitch        | STATUS: Work in Progress - Design. NEXT STEPS: Tender for Construction Q4 2017.                                                                                                                                                            |

| YEAR APPROVED | PROJECT ID | DESCRIPTION                                 | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager | STATUS EXPLANATION as of September 30, 2017                                                                                                                                            |
|---------------|------------|---------------------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |            |                                             | a                    | b                        | c                   | d                                    | e                        |                 |                                                                                                                                                                                        |
| 2013          | 5141395353 | Ferguson HD002 Pumping Strn                 | 2,270,000            | 169,924                  | 93,140              | 2,006,936                            | 11.6%                    | S.Leitch        | STATUS: Work in Progress - Condition Assessment (HD0X2 Old Ferguson Water Pumping Station). NEXT STEPS: Request for Proposals for Design - New Ferguson PS (Phase 2 Upgrades) Q4 2017. |
| 2015          | 5141567520 | HDR05 Reservoir Upgrades                    | 4,192,000            | 181,009                  | 416,126             | 3,594,865                            | 14.2%                    | S.Leitch        | STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors Q4 2018.                                                                                           |
| 2015          | 5141567525 | HDR08 Reservoir Decommission                | 520,000              | 184,491                  | 216,169             | 119,340                              | 77.1%                    | S.Leitch        | STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q3 2018.                                                                |
| 2015          | 5141567574 | HDR01 Reservoir Upgrades                    | 550,000              | 7,533                    | 0                   | 542,467                              | 1.4%                     | S.Leitch        | NEXT STEPS: Issue Project Charter Q4 2017.                                                                                                                                             |
| 2015          | 5141567575 | High Lift Pumping Station Upgrades Phase 2  | 880,000              | 187,276                  | 172,274             | 520,450                              | 40.9%                    | S.Leitch        | STATUS: Work in Progress - Field Study (HLPS Power Distribution & Protection Setup). NEXT STEPS: Tender for Construction - Power Distribution (Recommissioning) Q2 2018.               |
| 2015          | 5141567576 | Low Lift Pumping Station Upgrades Phase 2   | 470,000              | 141,516                  | 41,633              | 286,851                              | 39.0%                    | S.Leitch        | STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q3 2017.                                                                |
| 2015          | 5141567577 | Security - Water Pumping Station Facilities | 5,600,000            | 144,219                  | 239,620             | 5,216,161                            | 6.9%                     | S.Leitch        | STATUS: Work in Progress - Design (Physical Security - Fencing). NEXT STEPS: Request for Prequalified Contractors for Construction (Physical Security - Fencing) Q1 2018.              |
| 2016          | 5141666110 | WTP - Corrosion Control                     | 7,660,000            | 531,264                  | 6,490,378           | 638,358                              | 91.7%                    | S.Leitch        | STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q4 2018.                                                                                                  |
| 2016          | 5141666515 | WTP - Surge Tower Upgrades                  | 480,000              | 46,037                   | 14,350              | 419,613                              | 12.6%                    | S.Leitch        | STATUS: Substantially Performed. NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed Q4 2017.                               |
| 2016          | 5141666608 | Lynden Additional Water Supply              | 3,250,000            | 6,167                    | 834,541             | 2,409,292                            | 25.9%                    | S.Leitch        | STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors for Construction Q4 2017.                                                                          |
| 2016          | 5141667420 | Ben Nevis & Dewitt HD08A WPumping Station   | 1,710,000            | 41,436                   | 519,347             | 1,149,217                            | 32.8%                    | S.Leitch        | STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors for Construction Q4 2017.                                                                          |
| 2016          | 5141667421 | Glancaster & Hwy 53 HD018 WPumping Station  | 6,040,000            | 5,107                    | 0                   | 6,034,893                            | 0.1%                     | S.Leitch        | STATUS: Awaiting completion of the PD18 Ancaster Tower EA and Land Purchase. NEXT STEPS: Issue Project Charter Q1 2019.                                                                |
| 2016          | 5141667422 | Osler Road HD011 WPumping Station           | 2,040,000            | 70,523                   | 483,552             | 1,485,925                            | 27.2%                    | S.Leitch        | STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors for Construction Q4 2017.                                                                          |
| 2016          | 5141667424 | Freeiton Tower HDT03 Upgrades               | 3,600,000            | 85,993                   | 370,074             | 3,143,933                            | 12.7%                    | S.Leitch        | STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors for Construction Q4 2017.                                                                          |
| 2016          | 5141695883 | York & Valley HD016 WPumping Station (W-26) | 3,710,000            | 21,435                   | 0                   | 3,688,565                            | 0.6%                     | S.Leitch        | STATUS: Work Completed - Conceptual Review. NEXT STEPS: Request for Proposals for Design Q1 2018.                                                                                      |

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| YEAR APPROVED                             | PROJECT ID | DESCRIPTION                             | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE<br>e = (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                              |
|-------------------------------------------|------------|-----------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           |            |                                         | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                                                                                             |
| 2017                                      | 5141766150 | Granular Activated Carbon Replacement   | 550,000              | 0                        | 0                   | 550,000                                 | 0.0%                        | S.Leitch        | STATUS: Scope incorporated into Water Treatment Plant Process Upgrades Construction Contract. NEXT STEPS: Account to be closed after WIP Fund 2018 Water Treatment Plant Process Upgrades \$550k through 2018 Budget Cycle. |
| 2017                                      | 5141766421 | WTP Fluoride Building HVAC              | 390,000              | 0                        | 0                   | 390,000                                 | 0.0%                        | S.Leitch        | STATUS: Work in Progress - Developing Roster Invitation for Design. NEXT STEPS: Design Q4 2017.                                                                                                                             |
| 2017                                      | 5141767420 | Carlisle Well Stn Sys Enhance           | 440,000              | 0                        | 0                   | 440,000                                 | 0.0%                        | S.Leitch        | STATUS: Work in Progress - Scope Verification. NEXT STEPS: Request for Proposals for Design Q1 2018.                                                                                                                        |
| 2017                                      | 5141767650 | New Greensville Communal Well           | 390,000              | 17,621                   | 69,675              | 302,704                                 | 22.4%                       | S.Leitch        | STATUS: Awaiting completion of Schedule C EA for the Greensville New Well. NEXT STEPS: Issue Project Charter Q3 2018.                                                                                                       |
| 2017                                      | 5141795850 | Greenhill Pumping Station HD04B & HD05A | 720,000              | 33,184                   | 116,725             | 570,091                                 | 20.8%                       | S.Leitch        | STATUS: Work in Progress - Design (Immediate Needs). NEXT STEPS: Request for Prequalified Contractors for Construction (Immediate Needs) Q4 2017.                                                                           |
| <b>Sub-Total Capital Delivery - Water</b> |            |                                         | <b>126,687,000</b>   | <b>62,973,577</b>        | <b>14,447,160</b>   | <b>49,266,263</b>                       | <b>61.1%</b>                |                 |                                                                                                                                                                                                                             |

**Wastewater - Rates**

|      |            |                                            |           |           |         |           |        |          |                                                                                                                                                                                                                                    |
|------|------------|--------------------------------------------|-----------|-----------|---------|-----------|--------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2007 | 5160795760 | Southcote Pumping Station&Forcemain-HC008  | 6,312,100 | 2,911,974 | 241,448 | 3,158,678 | 50.0%  | S.Leitch | STATUS: Work Completed (Forcemain). Substantially Performed (Pumping Station). NEXT STEPS: Account to be closed once maintenance and warranty period expires (Pumping Station) Q4 2017.                                            |
| 2007 | 5160795784 | Twenty Pumping Station & Forcemain - HC018 | 4,770,000 | 4,589,737 | 406,079 | (225,816) | 104.7% | S.Leitch | STATUS: Work Completed (Forcemain). Substantially Performed (Pumping Station). NEXT STEP: Account to be closed once outstanding deficiencies are completed (Pumping Station) Q4 2017. Negative balance due to staffing allocation. |
| 2009 | 5160966912 | Decomision Waterdown WWTP-WW08             | 6,000,000 | 611,396   | 102,908 | 5,285,696 | 11.9%  | S.Leitch | STATUS: Work in Progress - Design. 8 Contractors Prequalified for Construction. NEXT STEPS: Tender for Construction Q1 2018.                                                                                                       |
| 2010 | 5161066065 | Waste Hauler Receiving Station             | 2,540,000 | 447,773   | 174,308 | 1,917,919 | 24.5%  | S.Leitch | STATUS: Work in Progress - Design. 5 Contractors Prequalified for Construction. NEXT STEPS: Tender for Construction Q4 2017.                                                                                                       |
| 2010 | 5161067751 | WW Outstns-Asset Management                | 710,000   | 702,276   | 208,527 | (200,803) | 128.3% | S.Leitch | STATUS: Substantially Performed (HC019 & HC031 Carbon Filters). NEXT STEPS: Account to be closed once maintenance and warranty period expires Q4 2017, anticipate a project surplus upon completion which will reconcile overrun.  |
| 2012 | 5161261240 | WSI-Leeds-Burl E Gate Removal              | 300,000   | 263,098   | 45,733  | (8,831)   | 102.9% | S.Leitch | STATUS: Work Completed - Design. NEXT STEPS: City's Linear (Roads) Infrastructure improvements program to coordinate Construction in 2022.                                                                                         |
| 2012 | 5161266213 | Dundas WWTP Improvements                   | 3,070,000 | 374,140   | 9,223   | 2,686,637 | 12.5%  | S.Leitch | STATUS: Work Completed - Feasibility Study to extend the Dundas wastewater treatment plant outfall & Preliminary Asset Replacement Study for Future Use of the Dundas WWTP. NEXT STEPS: Request for Proposals for Design Q1 2019.  |

| YEAR APPROVED                                  | PROJECT ID | DESCRIPTION                                | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager | STATUS EXPLANATION as of September 30, 2017                                                                                                                                                                  |
|------------------------------------------------|------------|--------------------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                |            |                                            | a                    | b                        | c                   | d                                    | e                        |                 |                                                                                                                                                                                                              |
| 2012                                           | 5161267270 | Ancaster WW Outstations                    | 6,310,000            | 1,303,238                | 2,766,298           | 2,240,464                            | 64.5%                    | S.Leitch        | STATUS: Work in Progress - Construction (HC009, HC013) & Design (HC005). NEXT STEPS: Substantial Performance Q1 2018 (HC009, HC013) & Request for Prequalified Contractors for Construction Q1 2018 (HC005). |
| 2012                                           | 5161267273 | Dundas WW Outstations                      | 2,450,000            | 789,031                  | 391,085             | 1,269,884                            | 48.2%                    | S.Leitch        | STATUS: Work in Progress - Construction (DC005, DC006). NEXT STEPS: Substantial Performance Q4 2017 (DC005, DC006). Request for Proposals for Design (DC010) Q1 2018.                                        |
| 2013                                           | 5161367360 | Cormorant & Osprey (HC014)                 | 4,610,000            | 2,746,384                | 1,433,826           | 429,790                              | 90.7%                    | S.Leitch        | STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2018.                                                                                                                        |
| 2013                                           | 5161367374 | Waterdown Outstation Upgrades              | 3,420,000            | 3,129,153                | 181,403             | 109,444                              | 96.8%                    | S.Leitch        | STATUS: Substantially Performed (DC013, FC003). NEXT STEPS: Account to be closed once maintenance and warranty period expires Q2 2018.                                                                       |
| 2015                                           | 5161595858 | Binbrook Pumping Station Upgrade (WW-20)   | 2,640,000            | 440,662                  | 460,075             | 1,739,263                            | 34.1%                    | S.Leitch        | STATUS: Work in Progress - Design (Interim Capacity Upgrades). NEXT STEPS: Prepurchase of Equipment & Request for Prequalified Contractors Q4 2017.                                                          |
| 2016                                           | 5161667622 | FC001 DC009 HC011 Upgrades                 | 740,000              | 12,025                   | 146,680             | 581,295                              | 21.4%                    | S.Leitch        | STATUS: Work in Progress - Design (FC001, DC009). NEXT STEPS: Request for Prequalified Contractors for Construction Q4 2017. Issue Project Charter Q1 2018 (HC011).                                          |
| 2017                                           | 5161766421 | WWTP Methane Sphere Upgrades               | 4,400,000            | 77,007                   | 129,000             | 4,193,993                            | 4.7%                     | S.Leitch        | STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2018.                                                                                                                        |
| 2017                                           | 5161767420 | Parkdale Av HC001 WW Statn Upg             | 550,000              | 0                        | 0                   | 550,000                              | 0.0%                     | S.Leitch        | STATUS: Scope Verification. NEXT STEPS: Issue Project Charter Q4 2017.                                                                                                                                       |
| 2017                                           | 5161796786 | First Street Pumping Station Upgrade DC014 | 1,520,000            | 0                        | 0                   | 1,520,000                            | 0.0%                     | S.Leitch        | STATUS: Work in Progress - Scope Verification. NEXT STEPS: Request for Proposals for Design Q4 2017.                                                                                                         |
| <b>Sub-Total Capital Delivery - Wastewater</b> |            |                                            | <b>50,342,100</b>    | <b>18,397,894</b>        | <b>6,696,593</b>    | <b>25,247,613</b>                    | <b>49.8%</b>             |                 |                                                                                                                                                                                                              |
| <b>TOTAL CAPITAL DELIVERY SECTION</b>          |            |                                            | <b>177,029,100</b>   | <b>81,371,471</b>        | <b>21,143,753</b>   | <b>74,513,876</b>                    | <b>57.9%</b>             |                 |                                                                                                                                                                                                              |

**INFRASTRUCTURE PLANNING & SYSTEMS DESIGN**

**Water - Rates**

|      |            |                             |           |         |        |           |       |             |                                                                                                                                                                                                                                                        |
|------|------------|-----------------------------|-----------|---------|--------|-----------|-------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2009 | 5140995956 | Water Distribution Model    | 500,000   | 101,476 | 22,925 | 375,599   | 24.9% | U.Ehrenberg | STATUS: Work in Progress - WaterCad Model Review and Identification of Data Gaps. NEXT STEPS: Completion Q4 2017. WIP Fund Water Distribution Model 2018 capital account \$350k through 2018 Budget Cycle.                                             |
| 2013 | 5141395354 | PD18 Elevated Reservoir W14 | 2,550,000 | 196,200 | 21,484 | 2,332,316 | 8.5%  | U.Ehrenberg | STATUS: Work in Progress - Class EA and Conceptual Design, Terrestrial and Avian Assessments. NEXT STEPS: Alternative Location needs to be identified due to Airport restrictions. Land Purchase is in the Critical Path, Completion of EA is Q4 2018. |



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| YEAR APPROVED                                                         | PROJECT ID | DESCRIPTION                                | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE<br>e = (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                                           |
|-----------------------------------------------------------------------|------------|--------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                       |            |                                            | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                                                                                                                          |
| 2014                                                                  | 5141495551 | PD7 Elevated Reservoir W-23                | 1,440,000            | 29,246                   | 114,823             | 1,295,931                               | 10.0%                       | U.Ehrenberg     | STATUS: Work in Progress - EA & Conceptual Design of PD7 Elevated Tower / Reservoir & New Pumping Station. NEXT STEPS: EA Completion Q4 2018.                                                                                                            |
| 2015                                                                  | 5141555010 | Water Systems Planning                     | 450,000              | 149,459                  | 265,079             | 35,462                                  | 92.1%                       | U.Ehrenberg     | STATUS: Work in Progress - Servicing alternatives for Ancaster, Pre-Design for the Twinning of Waterdown Trunk Feedermain, Screening of Development Applications, Pressure District Boundary Condition Characterization. NEXT STEPS: Completion Q4 2018. |
| 2015                                                                  | 5141555264 | City-Wide Water MP                         | 550,000              | 47,395                   | 499,252             | 3,353                                   | 99.4%                       | U.Ehrenberg     | STATUS: Work in Progress - Citywide Water Wastewater Storm Master Plan. NEXT STEPS: Completion Q4 2018.                                                                                                                                                  |
| 2015                                                                  | 5141567273 | HD17A Pumping Station Replace Decommission | 1,650,000            | 4,047                    | 0                   | 1,645,953                               | 0.2%                        | U.Ehrenberg     | NEXT STEPS: Refining Project Charter for Senior Management Approval Q4 2017.                                                                                                                                                                             |
| 2015                                                                  | 5141595553 | HD12A Pumping Station Upgrades (W-04)      | 720,000              | 22,222                   | 85,333              | 612,445                                 | 14.9%                       | U.Ehrenberg     | STATUS: Work in Progress - EA and Land Negotiations with Horizon Utilities Corporation. NEXT STEPS: Completion of EA Q1 2018 with Detailed Design to follow.                                                                                             |
| 2017                                                                  | 5141755010 | Water System Planning                      | 300,000              | 47,237                   | 183,377             | 69,386                                  | 76.9%                       | U.Ehrenberg     | STATUS: Support for ongoing water system analysis of the LRT intensification corridor, Screening and development application services, Pressure District Boundary Condition Characterization. NEXT STEPS: Completion Q4 2018.                            |
| 2017                                                                  | 5141767422 | New PD2 Water Pumping Station              | 500,000              | 0                        | 0                   | 500,000                                 | 0.0%                        | U.Ehrenberg     | STATUS: Work in Progress - Citywide Water Wastewater Stormwater Master Plan will confirm the need for this pumping station. NEXT STEPS: Completion Master Plan Q4 2018. Budget is being reserved for Land Acquisition.                                   |
| <b>Sub-Total Infrastructure Planning &amp; Systems Design - Water</b> |            |                                            | <b>8,660,000</b>     | <b>597,282</b>           | <b>1,192,273</b>    | <b>6,870,445</b>                        | <b>20.7%</b>                |                 |                                                                                                                                                                                                                                                          |

**Wastewater - Rates**

|      |            |                               |           |           |           |          |        |             |                                                                                                                                                                                                           |
|------|------------|-------------------------------|-----------|-----------|-----------|----------|--------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2007 | 5160755640 | Non-trunk Flow Monitoring     | 500,000   | 104,478   | 398,089   | (2,567)  | 100.5% | U.Ehrenberg | STATUS: Work Complete - Design of Wet Weather Control (Keep Open for Contract Administration of Phase 2 Construction). NEXT STEPS: Completion Q4 2020. Negative balance due to unanticipated tax changes. |
| 2008 | 5160867751 | WW Outstns - Asset Management | 2,655,000 | 1,222,200 | 1,460,941 | (28,141) | 101.1% | U.Ehrenberg | STATUS: Work Complete - Design of Wet Weather Control (Keep Open for Contract Administration of Phase 2 Construction). NEXT STEPS: Completion Q4 2020. Negative balance due to unanticipated tax changes. |
| 2009 | 5160955953 | Annual-Hydraulic Sewer Model  | 1,500,000 | 948,302   | 0         | 551,698  | 63.2%  | U.Ehrenberg | STATUS: Work Completed. NEXT STEPS: Account to be closed after WIP Funding Wastewater Computer Model Update & Maintenance \$280k through 2018 Budget Cycle.                                               |
| 2014 | 5161455010 | Water System Planning         | 600,000   | 328,911   | 0         | 271,089  | 54.8%  | U.Ehrenberg | STATUS: Work Completed. NEXT STEPS: Account to be closed after WIP Funding Wastewater Systems Planning \$220k through 2018 Budget Cycle.                                                                  |
| 2014 | 5161455420 | SERG - Flooding & Drainage MP | 555,000   | 114,052   | 343,847   | 97,101   | 82.5%  | U.Ehrenberg | STATUS: Work in Progress - Flooding and Drainage Master Plan. NEXT STEP: Completion Q3 2018.                                                                                                              |

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|---------------|------------|---------------------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |            |                                             | a                    | b                        | c                   | d                                    | e                        |                 |                                                                                                                                                                                                                                              |
| 2014          | 5161455640 | Non-Trunk Flow Monitoring                   | 400,000              | 348,775                  | 0                   | 51,225                               | 87.2%                    | U.Ehrenberg     | STATUS: Work Completed. NEXT STEPS: Account to be closed after WIP Funding Flow Monitoring Program \$50k through 2018 Budget Cycle.                                                                                                          |
| 2015          | 5161555264 | City-Wide Wastewater MP                     | 550,000              | 129,667                  | 417,591             | 2,742                                | 99.5%                    | U.Ehrenberg     | STATUS: Work in Progress - Citywide Water Wastewater Storm Master Plan. NEXT STEPS: Completion Q4 2018.                                                                                                                                      |
| 2015          | 5161555640 | Non-Trunk Flow Monitoring                   | 440,000              | 175,134                  | 87,749              | 177,117                              | 59.7%                    | U.Ehrenberg     | STATUS: Citywide Sanitary Service Flow Monitoring, Rain Gauges Flow Monitoring Services. NEXT STEPS: Completion Q4 2018.                                                                                                                     |
| 2015          | 5161555955 | Inflow & Infiltration                       | 474,000              | 222,324                  | 137,614             | 114,062                              | 75.9%                    | U.Ehrenberg     | STATUS: Work in Progress - HC058 Capacity Analysis and Wet Weather Relief Class EA, West Mountain Flow Monitoring & West 18th, Riverdale East Flooding. NEXT STEPS: Program Development (3P - Protective Plumbing Program) Q4 2017.          |
| 2015          | 5161557545 | Wastewater Computer Model                   | 550,000              | 44,343                   | 223,923             | 281,734                              | 48.8%                    | U.Ehrenberg     | STATUS: Refinement of the sanitary and combined sewer model files and calibration. NEXT STEPS: Issue Roster for Design Q4 2017 (Storm Sewer Network Hydraulic Model Calibration / Validation - Ancaster Area).                               |
| 2015          | 5161567564 | HC005 - Schedule C EA                       | 990,000              | 122,678                  | 154,773             | 712,549                              | 28.0%                    | U.Ehrenberg     | STATUS: Work in Progress - Emergency Overflow Schedule C Municipal Class EA. NEXT STEPS: EA Completion Q4 2018. Detailed Design to follow.                                                                                                   |
| 2016          | 5161655010 | Wastewater Systems Planning                 | 300,000              | 153,154                  | 87,680              | 59,166                               | 80.3%                    | U.Ehrenberg     | STATUS: Work in Progress - Scope Confirmation of First Street SPS (DC014), Main/King CSO tank performance review. NEXT STEPS: Completion Q4 2017.                                                                                            |
| 2016          | 5161655350 | Riverdale Flood Relief EA                   | 220,000              | 4,247                    | 0                   | 215,753                              | 1.9%                     | U.Ehrenberg     | STATUS: Work Completed - Flow Monitoring and Model calibration. NEXT STEPS: Detailed Design Q1 2018.                                                                                                                                         |
| 2016          | 5161655351 | Lawfield & Berrisfield Area                 | 75,000               | 113,735                  | 0                   | (38,735)                             | 151.6%                   | U.Ehrenberg     | STATUS: Work Completed - Smoke Testing, Manhole Inspection, Conceptual Design of Neighbourhood I/I Reduction. NEXT STEPS: Consultation with HW Sr Management to decide which solution to pursue. Community Outreach and Education to follow. |
| 2016          | 5161661434 | UPumping Stationize Wilson Street Forcemain | 50,000               | 4,875                    | 0                   | 45,125                               | 9.8%                     | U.Ehrenberg     | STATUS: Refining Project Charter for Senior Management Approval. Q1 2018 Issuance.                                                                                                                                                           |
| 2016          | 5161667421 | New Haulage Receiving Station               | 1,140,000            | 2,082                    | 149,352             | 988,566                              | 13.3%                    | U.Ehrenberg     | STATUS: Work in Progress - Class EA and Conceptual Design. NEXT STEPS: EA Completion Q4 2018. Detailed Design to follow.                                                                                                                     |
| 2016          | 5161695747 | Battlefield Trunk Sewer WW-33               | 1,650,000            | 124,279                  | 0                   | 1,525,721                            | 7.5%                     | S.Jacob         | STATUS: Scope and timing to be confirmed in Citywide Master Plan. NEXT STEPS: Detailed Design by Engineering Services to follow.                                                                                                             |
| 2016          | 5161696452 | AEGD - Dickenson Rd FM & Sewer              | 2,750,000            | 205,950                  | 53,960              | 2,490,090                            | 9.5%                     | U.Ehrenberg     | STATUS: Work in Progress - Economic Analysis and Feasibility study to support the Conceptual Design Implementation. NEXT STEPS: Study Completion Q4 2017. Detailed Design by Engineering Services to follow.                                 |

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| YEAR APPROVED                                                              | PROJECT ID | DESCRIPTION                    | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager | STATUS EXPLANATION as of September 30, 2017                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------|------------|--------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                            |            |                                | a                    | b                        | c                   | d                                    | e                        |                 |                                                                                                                                                                                                                                                               |
| 2017                                                                       | 5161755010 | Wastewater System Planning     | 300,000              | 0                        | 280,926             | 19,074                               | 93.6%                    | U.Ehrenberg     | STATUS: Work in Progress - Pollution Control Plan, Riverdale East Flooding Investigation, Wastewater system analysis of the LRT intensification corridor, CSO Reporting. NEXT STEPS: Completion Q4 2018.                                                      |
| 2017                                                                       | 5161755640 | Non-Trunk Flow Monitoring      | 100,000              | 0                        | 0                   | 100,000                              | 0.0%                     | U.Ehrenberg     | 0                                                                                                                                                                                                                                                             |
| 2017                                                                       | 5161755955 | Inflow & Infiltration          | 300,000              | 0                        | 0                   | 300,000                              | 0.0%                     | U.Ehrenberg     | NEXT STEPS: Construction of I & I Reduction (West 18th Neighbourhood) Q4 2018.                                                                                                                                                                                |
| 2017                                                                       | 5161757420 | SCADA Rain Gauges              | 50,000               | 0                        | 0                   | 50,000                               | 0.0%                     | U.Ehrenberg     | NEXT STEPS: Issue Project Charter Q4 2017.                                                                                                                                                                                                                    |
| <b>Sub-Total Infrastructure Planning &amp; Systems Design - Wastewater</b> |            |                                | <b>16,149,000</b>    | <b>4,369,186</b>         | <b>3,796,445</b>    | <b>7,983,369</b>                     | <b>50.6%</b>             |                 |                                                                                                                                                                                                                                                               |
| <b>Storm water - Rates</b>                                                 |            |                                |                      |                          |                     |                                      |                          |                 |                                                                                                                                                                                                                                                               |
| 2010                                                                       | 5181055060 | Greenhill Storm Drainage - EA  | 120,000              | 96,644                   | 8,336               | 15,020                               | 87.5%                    | U.Ehrenberg     | STATUS: Work Completed - Greenhill Avenue Storm Drainage EA. NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed Q4 2017.                                                                          |
| 2011                                                                       | 5181155101 | Stoney&Battlefield Crk Control | 540,000              | 362,284                  | 12,391              | 165,325                              | 69.4%                    | U.Ehrenberg     | STATUS: Work in Progress - Stoney Creek and Battlefield Creek Flood & Erosion Control Class Environmental Assessment. NEXT STEPS: EA Completion Q1 2018.                                                                                                      |
| 2012                                                                       | 5181260214 | Parkside and Kipling Flood     | 1,330,000            | 315,185                  | 9,168               | 1,005,647                            | 24.4%                    | U.Ehrenberg     | STATUS: Work in Progress - Modeling and Flood Protection (Churchill Park Neighbourhood area). Work Completed - Analysis of Low Impact Development Solution. NEXT STEPS: Modeling and Flood Protection Completion Q1 2018.                                     |
| 2012                                                                       | 5181260216 | Golf Course SWMP Rosedale      | 2,570,000            | 402,748                  | 136,686             | 2,030,566                            | 21.0%                    | U.Ehrenberg     | STATUS: Work in Progress - Enhanced Functional Design and Topographic Survey. Detailed design of the diversion channel, berm and outlet. NEXT STEPS: Completion of Enhanced Functional Design Q1 2018.                                                        |
| 2013                                                                       | 5181355350 | SERG Studies & Assessments     | 740,000              | 260,411                  | 168,009             | 311,580                              | 57.9%                    | U.Ehrenberg     | STATUS: Work in Progress - Construction of Low Impact Development Bumpout (Bay and Simcoe), Beach Strip Flooding Study. Operational Support - Flood Study and Conceptual Design for Winona, Lower East End Drainage Analysis. NEXT STEPS: Completion Q2 2018. |
| 2014                                                                       | 5181455420 | SERG - Flooding & Drainage MP  | 645,000              | 4,345                    | 453,434             | 187,221                              | 71.0%                    | U.Ehrenberg     | STATUS: Work in Progress - Flooding and Drainage Master Plan. NEXT STEP: Completion Q3 2018.                                                                                                                                                                  |
| 2015                                                                       | 5181555422 | GRIDS II - Stormwater MP       | 550,000              | 43,589                   | 499,252             | 7,159                                | 98.7%                    | U.Ehrenberg     | STATUS: Work in Progress - Citywide Water Wastewater Storm Master Plan. NEXT STEPS: Completion Q4 2018.                                                                                                                                                       |
| 2015                                                                       | 5181562590 | SWMP Retrofits                 | 440,000              | 0                        | 0                   | 440,000                              | 0.0%                     | U.Ehrenberg     | NEXT STEPS : Issue Project Charter for the Analysis & Conceptual Design - Stormwater Management Pond Retrofits (Ponds # 67, 9, 54, 52, 35, 14) Q1 2018.                                                                                                       |

| YEAR APPROVED | PROJECT ID | DESCRIPTION                    | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager | STATUS EXPLANATION as of September 30, 2017                                                                                                                                                       |
|---------------|------------|--------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |            |                                | a                    | b                        | c                   | d                                    | e                        |                 |                                                                                                                                                                                                   |
| 2016          | 5181655075 | SERG - Watershed Proj Coord    | 500,000              | 77,338                   | 64,500              | 358,162                              | 28.4%                    | U.Ehrenberg     | STATUS: Lower Spencer Creek Subwatershed Study, Future Hamilton Climate Change Pilot Study, Delivery of environmental data collection in the field. NEXT STEPS: Completion Q4 2018.               |
| 2016          | 5181655421 | SERG Stormwater System Planing | 280,000              | 82,934                   | 35,621              | 161,445                              | 42.3%                    | U.Ehrenberg     | STATUS: Work in Progress - Analysis & Conceptual Design of Rymal Road stormwater drainage. NEXT STEPS: Completion Q4 2017.                                                                        |
| 2017          | 5181755420 | Stormwater Drainage Review     | 280,000              | 0                        | 0                   | 280,000                              | 0.0%                     | U.Ehrenberg     | STATUS: Working on Terms of Reference for Detailed Drainage Assessment Study (Phase 2) - Development of Existing Residential (ER) Neighbourhoods in Rural Ancaster. NEXT STEPS: Award in Q4 2017. |
| 2017          | 5181755421 | SERG - SW System Planning      | 280,000              | 0                        | 39,002              | 240,998                              | 13.9%                    | U.Ehrenberg     | STATUS: Wilson Street Stormwater Drainage Plan. NEXT STEPS: Asset Protection Strategy - Mill Street Siphon Q1 2018.                                                                               |

**Sub-Total Infrastructure Planning & Systems Design - Storm water**

|  |                  |                  |                  |                  |              |
|--|------------------|------------------|------------------|------------------|--------------|
|  | <b>8,275,000</b> | <b>1,645,478</b> | <b>1,426,399</b> | <b>5,203,123</b> | <b>37.1%</b> |
|--|------------------|------------------|------------------|------------------|--------------|

**TOTAL INFRASTRUCTURE PLANNING & SYSTEMS DESIGN SECTION**

|  |                   |                  |                  |                   |              |
|--|-------------------|------------------|------------------|-------------------|--------------|
|  | <b>33,084,000</b> | <b>6,611,946</b> | <b>6,415,117</b> | <b>20,056,937</b> | <b>39.4%</b> |
|--|-------------------|------------------|------------------|-------------------|--------------|

**SUSTAINABLE INITIATIVES SECTION**

**Water - Rates**

|      |            |                               |           |           |         |           |        |              |                                                                                                                                                                                                                                                  |
|------|------------|-------------------------------|-----------|-----------|---------|-----------|--------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2005 | 5140566508 | Lynden Water Supply - Land&EA | 1,790,000 | 1,806,541 | 5,210   | (21,751)  | 101.2% | B.Posedowski | STATUS: Final Well has been flow tested with positive quality and quantity results. Hydrogeology report and PIC complete. Work in Progress - Treatment Pilot study. NEXT STEPS: Completion Q4 2017.                                              |
| 2011 | 5141167150 | Greensville New Well - EA     | 720,000   | 911,378   | 46,817  | (238,195) | 133.1% | B.Posedowski | STATUS: Pumping Test and Hydrogeologic investigation, Greensville Subwatershed Study Report complete. Work in Progress - New Greensville Municipal Well Schedule C EA. NEXT STEPS: Completion of EA Q3 2018.                                     |
| 2015 | 5141555555 | City Wide Groundwater Model   | 710,000   | 197,077   | 78,410  | 434,513   | 38.8%  | B.Posedowski | STATUS: Work in Progress - City Wide Groundwater Model (Delineation of Greensville & Lynden Wellhead Protection Areas). NEXT STEPS: City Wide Groundwater Model Expansion, Database and Stratigraphic Update, Web Interface Development Q3 2018. |
| 2016 | 5141655420 | Freelton Water Meter Accuracy | 110,000   | 93,078    | 55,113  | (38,191)  | 134.7% | B.Posedowski | STATUS: Field work and communications to residents concerning home meter replacement complete. Work in Progress - Home Meter Replacements. NEXT STEPS: Completion Q4 2017.                                                                       |
| 2016 | 5141667423 | Freelton Well FDF01 Capacity  | 330,000   | 0         | 134,365 | 195,635   | 40.7%  | B.Posedowski | STATUS: Work in Progress - Hydrogeological study for the identification of increased capacity at FDF01 in the Freelton water supply. NEXT STEPS: Completion Q4 2017.                                                                             |

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| YEAR APPROVED                                         | PROJECT ID  | DESCRIPTION                    | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE<br>e = (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                                              |
|-------------------------------------------------------|-------------|--------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                       |             |                                | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                                                                                                                             |
| 2017                                                  | 5141767752  | WW Outstation Inspection - AM  | 550,000              | 0                        | 247,264             | 302,736                                 | 45.0%                       | B.Posedowski    | STATUS: Work in Progress - Design of Facility Asset Management Program, Condition Assessments (HDR00, HD002 STK, HD12A, Chlorine Building), Access Options for HDR2A Reservoir, Energy Audit of HW facilities (Phase II). NEXT STEPS: Completion Q3 2019.   |
| <b>Sub-Total Sustainable Initiatives - Water</b>      |             |                                | <b>4,210,000</b>     | <b>3,008,074</b>         | <b>567,179</b>      | <b>634,747</b>                          | <b>84.9%</b>                |                 |                                                                                                                                                                                                                                                             |
| <b>Wastewater - Rates</b>                             |             |                                |                      |                          |                     |                                         |                             |                 |                                                                                                                                                                                                                                                             |
| 2013                                                  | 5161367752  | WW Outstation Inspection - AM  | 645,000              | 56,852                   | 587,469             | 679                                     | 99.9%                       | B.Posedowski    | STATUS: Work in Progress - Design for Facility Asset Management Program. Condition Assessment (HC017 Eastport SPS). NEXT STEPS: Completion Q3 2019.                                                                                                         |
| 2014                                                  | 5161467756  | Greenhill & Cochrane HCS01     | 1,060,000            | 176,205                  | 0                   | 883,795                                 | 16.6%                       | S.Leitch        | STATUS: Work Completed - Life Cycle Analysis. NEXT STEPS: Issue Project Charter Q1 2018.                                                                                                                                                                    |
| 2017                                                  | 5161767752  | WW Outstn Insp -Asset Mgm Prog | 220,000              | 0                        | 0                   | 220,000                                 | 0.0%                        | B.Posedowski    | STATUS: Energy Audit of HW facilities (Phase II). NEXT STEPS: Water and Wastewater Financial Plan Q3 2017.                                                                                                                                                  |
| <b>Sub-Total Sustainable Initiatives - Wastewater</b> |             |                                | <b>1,925,000</b>     | <b>233,057</b>           | <b>587,469</b>      | <b>1,104,474</b>                        | <b>42.6%</b>                |                 |                                                                                                                                                                                                                                                             |
| <b>TOTAL SUSTAINABLE INITIATIVES SECTION</b>          |             |                                | <b>6,135,000</b>     | <b>3,241,131</b>         | <b>1,154,648</b>    | <b>1,739,221</b>                        | <b>71.7%</b>                |                 |                                                                                                                                                                                                                                                             |
| <b>WOODWARD UPGRADES SECTION</b>                      |             |                                |                      |                          |                     |                                         |                             |                 |                                                                                                                                                                                                                                                             |
| <b>Wastewater - Rates</b>                             |             |                                |                      |                          |                     |                                         |                             |                 |                                                                                                                                                                                                                                                             |
| 2008                                                  | 5160866801* | Woodward WWTP - Clean Harbour  | 225,012,923          | 33,387,505               | 191,625,418         | -                                       | 100.0%                      | D.Chauvin       | STATUS: GIF Funded, Cash Flow Budget approved by Finance. Work in Progress - Construction (Raw Wastewater Pumping Station, Electrical and Chlorination System). Pre-Purchased Equipment (Tertiary). NEXT STEPS: Tender for Construction (Tertiary Q2 2018). |
| 2009                                                  | 5160966910  | WWTP - Biosolids MP Implement  | 5,020,000            | 3,219,371                | 5,114,807           | (3,314,178)                             | 166.0%                      | D.Chauvin       | STATUS: PPP Canada Funded, Cash Flow Budget approved by Finance. Work in Progress - Design-Bid-Finance-Operate-Maintain Contract awarded to Harbour City Solutions for the Biosolids Management Project. NEXT STEPS: Substantial Performance Q2 2020.       |
| 2013                                                  | 5161366360  | Flares at Biogas Facility      | 3,280,000            | 3,103,729                | 51,273              | 124,998                                 | 96.2%                       | D.Chauvin       | STATUS: Work Completed. NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed.                                                                                                                     |
| 2015                                                  | 5161555545  | Capital Works Information Mgmt | 280,000              | 0                        | 0                   | 280,000                                 | 0.0%                        | D.Chauvin       | STATUS: Work in Progress - Project Management Office / Business Intelligence Collaborative Project (Phase 1 - Automate Existing PMO Reporting System). NEXT STEPS: Phase 2 Q1 2018.                                                                         |
| <b>Sub-Total Woodward Upgrades - Wastewater</b>       |             |                                | <b>233,592,923</b>   | <b>39,710,605</b>        | <b>196,791,498</b>  | <b>(2,909,180)</b>                      | <b>101.2%</b>               |                 |                                                                                                                                                                                                                                                             |
| <b>TOTAL WOODWARD UPGRADES SECTION</b>                |             |                                | <b>233,592,923</b>   | <b>39,710,605</b>        | <b>196,791,498</b>  | <b>(2,909,180)</b>                      | <b>101.2%</b>               |                 |                                                                                                                                                                                                                                                             |

\*Note: Due to significant funds and multi-year cash flows, funded budget = expenditures and commitments

| YEAR APPROVED | PROJECT ID | DESCRIPTION | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager | STATUS EXPLANATION as of September 30, 2017 |
|---------------|------------|-------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|---------------------------------------------|
|               |            |             | a                    | b                        | c                   | d                                    | e                        |                 |                                             |

**PLANT MAINTENANCE AND TECHNICAL SERVICES SECTION**

**Water - Rates**

|                                                                     |            |                                |                  |                  |                |                  |              |         |                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------|------------|--------------------------------|------------------|------------------|----------------|------------------|--------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2014                                                                | 5141466713 | Annual Water Maintenance       | 1,305,000        | 902,976          | 0              | 402,024          | 69.2%        | G.Botha | STATUS: Work Completed. NEXT STEPS: Account to be closed after WIP Funding of 2018 Annual Water Capital Maintenance by \$400k through 2018 Budget Cycle.                                                                                      |
| 2015                                                                | 5141566713 | Annual Water Maintenance       | 388,000          | 208,886          | 0              | 179,114          | 53.8%        | G.Botha | STATUS: Work Completed. NEXT STEPS: Account to be closed after WIP Funding of 2018 Annual Water Capital Maintenance by \$180k through 2018 Budget Cycle.                                                                                      |
| 2015                                                                | 5141566711 | Annual Water Treatment Studies | 250,000          | 48,102           | 21,578         | 180,320          | 27.9%        | G.Botha | STATUS: Work in Progress - PO Contractor H&S Program Review / Audit & Coagulation Optimization at Woodward WWTP. NEXT STEPS: Arc Flash Study in Outstations, Chlorine to Ammonia ratio and Chlorine residual on valve gasket seals (Q4 2017). |
| 2016                                                                | 5141666713 | Annual Water Maintenance       | 600,000          | 283,106          | 276,238        | 40,656           | 93.2%        | G.Botha | STATUS: Work in Progress - Construction (Woodward WWTP Staff Building Renovations, Installation of new valve at the Lee Smith Reservoir. NEXT STEPS: Completion Q4 2017.                                                                      |
| 2017                                                                | 5141766711 | Annual Water Treatment Studies | 250,000          | 29,070           | 60,228         | 160,702          | 35.7%        | G.Botha | STATUS: Work in Progress - Condition Assessment (Chlorine Chemical Building). NEXT STEPS: Completion Q1 2018.                                                                                                                                 |
| 2017                                                                | 5141766713 | Annual Water Maintenance       | 2,500,000        | 0                | 352,641        | 2,147,359        | 14.1%        | G.Botha | STATUS: Work in Progress. NEXT STEPS: Pre-Purchase of Equipment & Tender for Construction - Low Lift Pumping Station Traveling Screen Replacement (Q2 2018).                                                                                  |
| <b>Sub-Total Plant Maintenance &amp; Technical Services - Water</b> |            |                                | <b>5,293,000</b> | <b>1,472,140</b> | <b>710,685</b> | <b>3,110,175</b> | <b>41.2%</b> |         |                                                                                                                                                                                                                                               |

**Wastewater - Rates**

|      |            |                                |           |           |           |           |       |         |                                                                                                                                                                     |
|------|------------|--------------------------------|-----------|-----------|-----------|-----------|-------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2014 | 5161466713 | Wastewater Maintenance Capital | 2,000,000 | 1,000,000 | 0         | 1,000,000 | 50.0% | G.Botha | STATUS: Work Completed. NEXT STEPS: Account to be closed after WIP Funding of HSDIG Digester #4 Cleanout and Mixer Replacement by \$1M through 2018 Budget Cycle.   |
| 2015 | 5161566713 | Wastewater Maintenance Capital | 1,900,000 | 1,050,000 | 0         | 850,000   | 55.3% | G.Botha | STATUS: Work Completed. NEXT STEPS: Account to be closed after WIP Funding of HSDIG Digester #4 Cleanout and Mixer Replacement by \$850k through 2018 Budget Cycle. |
| 2016 | 5161666713 | Wastewater Maintenance Capital | 2,000,000 | 800,000   | 0         | 1,200,000 | 40.0% | G.Botha | STATUS: Work Completed. NEXT STEPS: Account to be closed after WIP Funding of HSDIG Digester #4 Cleanout and Mixer Replacement by \$1.2M through 2018 Budget Cycle. |
| 2017 | 5161766713 | Wastewater Maintenance Capital | 3,500,000 | 736,302   | 1,660,680 | 1,103,018 | 68.5% | G.Botha | STATUS: Work in Progress. NEXT STEPS: WIP Funding of HSDIG Digester #4 Cleanout and Mixer Replacement by \$500k through 2018 Budget Cycle.                          |

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| YEAR APPROVED                                                                              | PROJECT ID | DESCRIPTION                              | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE<br>e = (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------|------------|------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                            |            |                                          | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                                                                                                                                                                       |
| 2017                                                                                       | 5161766745 | Woodward WWTP-Oper Readiness             | 3,800,000            | 8,725                    | 105,154             | 3,686,121                               | 3.0%                        | G.Botha         | STATUS: Design - Replacement of Membrane Tube Diffusers at the Woodward WWTP. NEXT STEPS: Tender for Construction - HSAER North Aeration Diffuser Installation & Step Feed Weir Refurbishment Q2 2018, Design - North Secondary Clarifiers Q1 2018.   |
| <b>Sub-Total Plant Maintenance &amp; Technical Services - WasteWater</b>                   |            |                                          | <b>13,200,000</b>    | <b>3,595,027</b>         | <b>1,765,834</b>    | <b>7,839,139</b>                        | <b>40.6%</b>                |                 |                                                                                                                                                                                                                                                       |
| <b>TOTAL PLANT MAINTENANCE &amp; TECHNICAL SERVICES SECTION</b>                            |            |                                          | <b>18,493,000</b>    | <b>5,067,167</b>         | <b>2,476,519</b>    | <b>10,949,314</b>                       | <b>40.8%</b>                |                 |                                                                                                                                                                                                                                                       |
| <b>WATER &amp; WASTEWATER PLANNING AND CAPITAL SECTION</b>                                 |            |                                          |                      |                          |                     |                                         |                             |                 |                                                                                                                                                                                                                                                       |
| <b>Corporate Project Program - Tax</b>                                                     |            |                                          |                      |                          |                     |                                         |                             |                 |                                                                                                                                                                                                                                                       |
| 2009                                                                                       | 2110953900 | Randle Reef Rehab Project                | 6,500,000            | 6,222,735                | 1,900,000           | (1,622,735)                             | 125.0%                      | M.Bainbridge    | STATUS: Cash Flow Budget approved by Finance. Stage 1 Construction ongoing, Stage 2 Tender awarded June 2017. NEXT STEPS: Estimated Substantial Performance - Stage 1 Q4 2017, Stage 2 Q1 2020. Future Stage 3 work planned after Stage 2 completion. |
| <b>Sub-Total Water &amp; Wastewater Planning &amp; Capital - Corporate Project Program</b> |            |                                          | <b>6,500,000</b>     | <b>6,222,735</b>         | <b>1,900,000</b>    | <b>(1,622,735)</b>                      | <b>125.0%</b>               |                 |                                                                                                                                                                                                                                                       |
| <b>Wastewater - Rates</b>                                                                  |            |                                          |                      |                          |                     |                                         |                             |                 |                                                                                                                                                                                                                                                       |
| 2014                                                                                       | 5161468422 | Randle Reef Sediment Remediate           | 4,000,000            | 4,000,000                | 2,000,000           | (2,000,000)                             | 150.0%                      | M.Bainbridge    | STATUS: Cash Flow Budget approved by Finance. Stage 1 Construction ongoing, Stage 2 Tender awarded June 2017. NEXT STEPS: Estimated Substantial Performance - Stage 1 Q4 2017, Stage 2 Q1 2020. Future Stage 3 work planned after Stage 2 completion. |
| <b>Sub-Total Water &amp; Wastewater Planning &amp; Capital - Wastewater</b>                |            |                                          | <b>4,000,000</b>     | <b>4,000,000</b>         | <b>2,000,000</b>    | <b>(2,000,000)</b>                      | <b>150.0%</b>               |                 |                                                                                                                                                                                                                                                       |
| <b>TOTAL WATER &amp; WASTEWATER PLANNING AND CAPITAL SECTION</b>                           |            |                                          | <b>10,500,000</b>    | <b>10,222,735</b>        | <b>3,900,000</b>    | <b>(3,622,735)</b>                      | <b>134.5%</b>               |                 |                                                                                                                                                                                                                                                       |
| <b>HAMILTON WATER &amp; WASTEWATER- DIRECTOR</b>                                           |            |                                          |                      |                          |                     |                                         |                             |                 |                                                                                                                                                                                                                                                       |
| <b>Water - Rates</b>                                                                       |            |                                          |                      |                          |                     |                                         |                             |                 |                                                                                                                                                                                                                                                       |
| 2015                                                                                       | 5141557543 | Workforce & Time Mgmt-Kronos             | 430,000              | 351,066                  | 21,607              | 57,327                                  | 86.7%                       | A.Grice         | STATUS: Work in Progress - Acquisition of Manager's licenses and a terminal. NEXT STEPS: Completion Q4 2017.                                                                                                                                          |
| 2016                                                                                       | 5141641226 | Centralized W-WW OPumping Station Centre | 250,000              | 0                        | 0                   | 250,000                                 | 0.0%                        | A.Grice         | NEXT STEPS: Evaluate yard options which includes an analysis of site requirements and potential locations.                                                                                                                                            |
| <b>Sub-Total - Water</b>                                                                   |            |                                          | <b>430,000</b>       | <b>351,066</b>           | <b>21,607</b>       | <b>57,327</b>                           | <b>86.7%</b>                |                 |                                                                                                                                                                                                                                                       |

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|---------------|------------|-------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|---------------------------------------------|
|               |            |             | a                    | b                        | c                   | d                                    | e                        |                 |                                             |

**Wastewater - Rates**

|                                                               |            |                                          |                |                |               |                |              |         |                                                                                                            |
|---------------------------------------------------------------|------------|------------------------------------------|----------------|----------------|---------------|----------------|--------------|---------|------------------------------------------------------------------------------------------------------------|
| 2016                                                          | 5161641226 | Centralized W-WW OPumping Station Centre | 250,000        | 0              | 0             | 250,000        | 0.0%         | A.Grice | NEXT STEPS: Evaluate yard options which includes an analysis of site requirements and potential locations. |
| <b>Sub-Total Roads - Wastewater</b>                           |            |                                          | <b>250,000</b> | <b>0</b>       | <b>0</b>      | <b>250,000</b> | <b>0.0%</b>  |         |                                                                                                            |
| <b>TOTAL HAMILTON WATER &amp; WASTEWATER DIRECTOR SECTION</b> |            |                                          | <b>680,000</b> | <b>351,066</b> | <b>21,607</b> | <b>307,327</b> | <b>54.8%</b> |         |                                                                                                            |

**WATER & WASTEWATER ENGINEERING SERVICES SECTION**

**Water - Engineering Services**

|      |            |                                                                            |            |            |         |            |        |                 |                                                                                                                                                                                                                         |
|------|------------|----------------------------------------------------------------------------|------------|------------|---------|------------|--------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2013 | 5141371301 | WM Replace Program - Coordinated with Roads - 2013                         | 11,370,000 | 10,754,882 | 182,615 | 432,503    | 96.2%  | M.Oddi/P. McNab | Construction complete. Awaiting billing from CN. \$430k surplus at this time.                                                                                                                                           |
| 2013 | 5141396351 | Garner Watermain Trunk W09                                                 | 530,000    | 171,795    | 0       | 358,205    | 32.4%  | E.Waite         | Construction delayed and phased in coordination with Development needs 2018-2020                                                                                                                                        |
| 2014 | 5141455425 | Concrete Pipe Condition Assessment                                         | 1,730,000  | 1,189,119  | 250,440 | 290,441    | 83.2%  | E.Waite         | Ongoing - work in progress.                                                                                                                                                                                             |
| 2014 | 5141461300 | Wm Replacement Program - 2014                                              | 1,450,000  | 450,959    | 0       | 999,041    | 31.1%  | M.Oddi/P. McNab | \$200k being used to WIP fund Patrick - Walnut to west end which has been rebudgeted in 2018/2019. The balance of funds will be used to with fund Brampton - Parkdale to Strathearne which has been rebudgeted in 2019. |
| 2014 | 5141471301 | WM Replace Program - Coordinated with Roads - 2014                         | 12,690,000 | 12,698,281 | 0       | (8,281)    | 100.1% | M.Oddi/P. McNab | CLOSE NEXT BER                                                                                                                                                                                                          |
| 2015 | 5141555501 | Ferguson PumPumping Stationation to Scenic Reservoir Trunk Main Inspection | 1,150,000  | 1,024,707  | 94,470  | 30,823     | 97.3%  | E.Waite         | Complete - Close once commitments are paid/cleared                                                                                                                                                                      |
| 2015 | 5141564533 | Up Wentworth - Hydro to Twenty                                             | 200,000    | 12,638     | 0       | 187,362    | 6.3%   | S.Jacob         | Not working on this project. Was requested by IPSD to hold off until WWMaster Plan update is complete                                                                                                                   |
| 2015 | 5141571301 | WM Replace Program - Coordinated with Roads - 2015                         | 12,717,000 | 12,284,891 | 143,319 | 288,790    | 97.7%  | M.Oddi/P. McNab | Multi-year project. 11 of 12 projects have been awarded, Rymal W - Garth to West 5th construction 2018. Additional funds have been added in the 2018 Capital Budget.                                                    |
| 2015 | 5141596152 | PD11 (Governor's Rd) Extend                                                | 540,000    | 34,258     | 0       | 505,742    | 6.3%   | S.Jacob         | Design 2017, Construct 2018                                                                                                                                                                                             |
| 2015 | 5141596153 | PD22 (Governor's Rd) Extend                                                | 900,000    | 58,090     | 0       | 841,910    | 6.5%   | S.Jacob         | Design 2017, Construct 2018                                                                                                                                                                                             |
| 2015 | 5141596550 | Stone Church Feedermain (W-24)                                             | 25,300,000 | 1,901,769  | 0       | 23,398,231 | 7.5%   | S.Jacob         | Starting Functional design in 2017, Consultant proposal received.                                                                                                                                                       |



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| YEAR APPROVED | PROJECT ID | DESCRIPTION                                            | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE e = (b+c) / a | Project Manager  | STATUS EXPLANATION as of September 30, 2017                                                                                                                                                                                                                     |
|---------------|------------|--------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|--------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |            |                                                        | a                    | b                        | c                   | d                                       | e                        |                  |                                                                                                                                                                                                                                                                 |
| 2015          | 5141596558 | Greenhill Feedermain - King to Greenhill Tank          | 5,700,000            | 5,168,552                | 149,638             | 381,810                                 | 93.3%                    | M.Oddi           | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                              |
| 2016          | 5141655556 | Mapping Update - 2016                                  | 70,000               | 57,548                   | 5,135               | 7,317                                   | 89.5%                    | G.McGuire        | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                              |
| 2016          | 5141657626 | Critical WM Inspection Program - 2016                  | 299,000              | 164,559                  | 75,932              | 58,509                                  | 80.4%                    | E.Waite          | Anticipate 100% spent by year end 2017                                                                                                                                                                                                                          |
| 2016          | 5141660577 | Metallic Watermain Condition Assessment Program - 2016 | 700,000              | 335,388                  | 361,008             | 3,604                                   | 99.5%                    | E.Waite          | Ongoing - work in progress                                                                                                                                                                                                                                      |
| 2016          | 5141660999 | Closed Projects - Water                                | 218,000              | 29,957                   | 187,362             | 681                                     | 99.7%                    | E.Waite/P. McNab | This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure all of the original project ID. % spent is dependent on maintenance required. |
| 2016          | 5141661300 | WM Replacement Program - 2016                          | 890,000              | 397,628                  | 281,834             | 210,538                                 | 76.3%                    | M.Oddi/P. McNab  | Mill St ongoing construction with completion in summer of 2018. \$190K WIP funded to 2018 Waterfront project for Sheaffe/Cannon/Caroline/Railway/Mill/Harriet (Central Park) - 4411806202                                                                       |
| 2016          | 5141662073 | Field Data Systems Program - 2016                      | 169,380              | 42,404                   | 22,050              | 104,926                                 | 38.1%                    | I.Szczepanik     | Ongoing - work in progress. Not an annual project. No funds requested for 2018.                                                                                                                                                                                 |
| 2016          | 5141664632 | Twenty (Gret) to Upper James                           | 1,610,000            | 158,194                  | 0                   | 1,451,806                               | 9.8%                     | S.Jacob          | Not working on this project. Was requested by IPSD to hold off until WWM Master Plan update is complete                                                                                                                                                         |
| 2016          | 5141670000 | Coordinated Road and Subsurface Works - 2016           | 3,591,000            | 2,044,609                | 1,072,609           | 473,782                                 | 86.8%                    | M.Oddi/P. McNab  | 6 of 6 project awarded. Construction ongoing. Surplus approximately \$400k at this time.                                                                                                                                                                        |
| 2016          | 5141671301 | WM Replace Program - Coordinated with Roads - 2016     | 4,935,000            | 3,676,557                | 701,805             | 556,638                                 | 88.7%                    | M.Oddi/P. McNab  | \$507k being used to WIP fund the 2018 program. 5 of 5 projects awarded. Ongoing construction.                                                                                                                                                                  |
| 2017          | 5141711101 | Road Restoration Program - 2017                        | 5,400,000            | 2,487,894                | 1,622,980           | 1,289,126                               | 76.1%                    | G.McGuire        | Ongoing - work in progress                                                                                                                                                                                                                                      |
| 2017          | 5141749555 | QA-QC Service Contract - 2017                          | 110,000              | 68,969                   | 51,935              | (10,904)                                | 109.9%                   | E.Waite          | Ongoing - work in progress                                                                                                                                                                                                                                      |
| 2017          | 5141757626 | Critical WM Inspection Program - 2017                  | 330,000              | 32,476                   | 0                   | 297,524                                 | 9.8%                     | E.Waite          | Ongoing - work in progress                                                                                                                                                                                                                                      |
| 2017          | 5141757628 | Mountain Feedermain                                    | 340,000              | 33,461                   | 0                   | 306,539                                 | 9.8%                     | E.Waite          | Ongoing - work in process, completion Q1 2018                                                                                                                                                                                                                   |
| 2017          | 5141760072 | Structural WM Lining Program - 2017                    | 6,922,000            | 6,918,264                | 5,769               | (2,033)                                 | 100.0%                   | E.Waite          | Ongoing - work in progress                                                                                                                                                                                                                                      |
| 2017          | 5141760080 | Valve Replacement - 2017                               | 1,760,000            | 208,404                  | 1,274,007           | 277,589                                 | 84.2%                    | E.Waite          | Ongoing - work in progress                                                                                                                                                                                                                                      |
| 2017          | 5141760577 | Metallic Watermain Condition Assessment Program - 2017 | 685,000              | 215,612                  | 414,193             | 55,195                                  | 91.9%                    | E.Waite          | Ongoing - work in progress                                                                                                                                                                                                                                      |

| YEAR APPROVED                                 | PROJECT ID | DESCRIPTION                                        | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager | STATUS EXPLANATION as of September 30, 2017                                                                                                                                                                   |
|-----------------------------------------------|------------|----------------------------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               |            |                                                    | a                    | b                        | c                   | d                                    | e                        |                 |                                                                                                                                                                                                               |
| 2017                                          | 5141760711 | PW Capital Water Consumption Program - 2017        | 200,000              | 9,747                    | 0                   | 190,253                              | 4.9%                     | E.Waite         | Ongoing - work in progress. Anticipate completion by year end 2017 when Hamilton Water transfers charges.                                                                                                     |
| 2017                                          | 5141760754 | Kenilworth Transmission Watermain Renewal          | 200,000              | 33,306                   | 134,360             | 32,334                               | 83.8%                    | E.Waite         | Work complete, pending final report. Anticipated close by end of 2017.                                                                                                                                        |
| 2017                                          | 5141761300 | WM Replacement Program - 2017                      | 1,630,000            | 160,414                  | 0                   | 1,469,586                            | 9.8%                     | E.Waite         | Ongoing - work in progress Burlington Trunkmain Repairs; Woodward Greenhill Transmission Main Pipeline repair on Summercrest, James and Charlton Intersection                                                 |
| 2017                                          | 5141761777 | Beach Trunkmain Rehab                              | 5,000,000            | 492,068                  | 0                   | 4,507,932                            | 9.8%                     | E.Waite         | Ongoing - work in progress. Construction expected in 2018. Delays due to other projects requiring system operation coordination.                                                                              |
| 2017                                          | 5141770000 | Coordinated Road and Subsurface Works - 2017       | 3,000,000            | 920,879                  | 1,924,628           | 154,493                              | 94.9%                    | M.Oddi/P. McNab | 4 of 4 projects have been awarded. Ongoing construction.                                                                                                                                                      |
| 2017                                          | 5141771074 | Contingency for Unscheduled Works Program - 2017   | 200,000              | 140,151                  | 0                   | 59,849                               | 70.1%                    | E.Waite         | % spent dependent on # of unscheduled works.                                                                                                                                                                  |
| 2017                                          | 5141771301 | WM Replace Program - Coordinated with Roads - 2017 | 2,775,000            | 1,397,183                | 1,155,639           | 222,178                              | 92.0%                    | M.Oddi/P. McNab | \$100K WIP funded to 2018 Waterfront project for Sheaffe/Cannon/Caroline/Railway/Mill/Harriet (Central Park) - 4411806202. 2 of 4 projects awarded. Remaining two are design 2017 only. Ongoing construction. |
| 2017                                          | 5141771740 | Upper Sherman - Rymal to Stone                     | 1,590,000            | 1,038,444                | 240,070             | 311,486                              | 80.4%                    | M.Oddi          | Ongoing construction                                                                                                                                                                                          |
| 2017                                          | 5141796752 | PD16 Trunk - Pumping Station HD016 to Hwy 5        | 1,250,000            | 123,017                  | 0                   | 1,126,983                            | 9.8%                     | S.Jacob         | Completed Functional design, requires land and Class EA, IPSD to be the lead on this.                                                                                                                         |
| <b>Sub-Total Water - Engineering Services</b> |            |                                                    | <b>118,151,380</b>   | <b>66,937,074</b>        | <b>10,351,798</b>   | <b>40,862,508</b>                    | <b>65.4%</b>             |                 |                                                                                                                                                                                                               |

**WasteWater - Engineering Services**

|      |            |                                                     |            |            |            |           |       |         |                                                                                                        |
|------|------------|-----------------------------------------------------|------------|------------|------------|-----------|-------|---------|--------------------------------------------------------------------------------------------------------|
| 2007 | 5160795757 | Centennial Trnk Swr-WW14,WW33                       | 84,200,000 | 59,502,535 | 23,824,221 | 873,244   | 99.0% | M.Oddi  | Ongoing - work in progress. Anticipated completion spring/summer of 2019.                              |
| 2013 | 5161360307 | Charlton and Catharine - Sewer                      | 110,000    | 92,498     | 1,742      | 15,760    | 85.7% | E.Waite | Delayed for coordination with water and surface works 2018                                             |
| 2013 | 5161395358 | Hwy 56 Forcemain&Twinning WW21                      | 27,190,000 | 7,204,693  | 10,766,845 | 9,218,462 | 66.1% | M.Oddi  | Ongoing - work in progress. Anticipated completion spring/summer of 2019.                              |
| 2014 | 5161461422 | Patrick - Walnut to west end                        | 330,000    | 54,532     | 36,921     | 238,547   | 27.7% | E.Waite | Tender in late 2017 for 2018 construction. Delays due to subsurface utility engineering investigation. |
| 2014 | 5161471015 | Sewer Lateral Replacement for Co-ordinated Projects | 400,000    | 332,969    | 0          | 67,031    | 83.2% | M.Oddi  | \$60k being used to WIP fund the 2018 project and then this can be closed.                             |

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| YEAR APPROVED | PROJECT ID | DESCRIPTION                                         | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE<br>e = (b+c) / a | Project Manager  | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                                                  |
|---------------|------------|-----------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |            |                                                     | a                    | b                        | c                   | d                                       | e                           |                  |                                                                                                                                                                                                                                                                 |
| 2015          | 5161555077 | Zoom Camera Inspection - Data Component             | 760,000              | 367,194                  | 92,931              | 299,875                                 | 60.5%                       | E.Waite          | Ongoing - work in progress                                                                                                                                                                                                                                      |
| 2015          | 5161560591 | Barton St. Trunk Sewer Rehab - Strathearne to Weir  | 1,290,000            | 162,239                  | 25,005              | 1,102,756                               | 14.5%                       | E.Waite          | Ongoing - work in progress<br>Contract award expected in Q4 2017, construction completion Q2 2018                                                                                                                                                               |
| 2015          | 5161560999 | Closed Projects - WasteWater                        | 119,000              | 0                        | 162,487             | (43,487)                                | 136.5%                      | E.Waite/P. McNab | This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure all of the original project ID. % spent is dependent on maintenance required. |
| 2015          | 5161567563 | HC005 - Public Properties                           | 1,040,000            | 120,064                  | 235,977             | 683,959                                 | 34.2%                       | E.Waite          | Ongoing - Construction to commence in 2018                                                                                                                                                                                                                      |
| 2015          | 5161567565 | HC005 Montgomery Drive - Inline Storage             | 2,230,000            | 1,023,762                | 1,025,444           | 180,794                                 | 91.9%                       | M.Oddi           | Construction ongoing. Anticipated completion end of November 2017.                                                                                                                                                                                              |
| 2015          | 5161571015 | Sewer Lateral Replacement for Co-ordinated Projects | 200,000              | 49,310                   | 0                   | 150,690                                 | 24.7%                       | M.Oddi           | \$150k being used to WIP fund the 2018 project and then this can be closed.                                                                                                                                                                                     |
| 2015          | 5161571525 | Parkdale - Barton to Burlington                     | 3,171,000            | 2,917,314                | 0                   | 253,686                                 | 92.0%                       | M.Oddi           | \$250k is being used to WIP fund the 2018 program and then this project can be closed.                                                                                                                                                                          |
| 2015          | 5161596855 | Royal to Main-King CSO (WW-22)                      | 18,040,000           | 1,557,247                | 0                   | 16,482,753                              | 8.6%                        | S.Jacob          | Hold up due to Sammy Metals land, need co-ordination with LRT project.                                                                                                                                                                                          |
| 2016          | 5161649555 | QA-QC Service Contract - 2016                       | 110,000              | 45,875                   | 13,343              | 50,782                                  | 53.8%                       | M.Oddi/P. McNab  | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                              |
| 2016          | 5161655556 | Mapping Update - 2016                               | 70,000               | 6,805                    | 59,447              | 3,748                                   | 94.6%                       | G.McGuire        | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                              |
| 2016          | 5161660533 | Trenchless Manhole Rehabilitation - 2016            | 80,000               | 5,897                    | 70,984              | 3,119                                   | 96.1%                       | E.Waite          | Ongoing - work in progress                                                                                                                                                                                                                                      |
| 2016          | 5161660575 | Mainline Sewer Condition Assessment Program - 2016  | 600,000              | 396,817                  | 153,490             | 49,693                                  | 91.7%                       | E.Waite          | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                              |
| 2016          | 5161660610 | Binbrook Manhole & Sewer Rehab                      | 540,000              | 40,216                   | 500,000             | (216)                                   | 100.0%                      | E.Waite          | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                              |
| 2016          | 5161660711 | PW Capital Water Consumption Program - 2016         | 200,000              | 50,000                   | 0                   | 150,000                                 | 25.0%                       | E.Waite          | \$150k being used to WIP fund the 2018 program and then this project can be closed.                                                                                                                                                                             |
| 2016          | 5161662073 | Field Data Systems Program - 2016                   | 160,110              | 14,324                   | 71,705              | 74,081                                  | 53.7%                       | I.Szczepanik     | Ongoing - work in progress. Not an annual project. No funds requested for 2018.                                                                                                                                                                                 |
| 2016          | 5161671074 | Contingency for Unscheduled Works Program - 2016    | 520,000              | 36,624                   | 477,704             | 5,672                                   | 98.9%                       | E.Waite/P. McNab | % spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds. Not an annual project.                                                                                                                                    |
| 2017          | 5161711101 | Road Restoration Program - 2017                     | 1,800,000            | 1,053,455                | 262,312             | 484,233                                 | 73.1%                       | G.McGuire        | Ongoing - work in progress                                                                                                                                                                                                                                      |

| YEAR APPROVED                                      | PROJECT ID | DESCRIPTION                                                 | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager | STATUS EXPLANATION as of September 30, 2017                                                                                                           |
|----------------------------------------------------|------------|-------------------------------------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                    |            |                                                             | a                    | b                        | c                   | d                                    | e                        |                 |                                                                                                                                                       |
| 2017                                               | 5161718420 | Grindstone Creek Utility Bridge                             | 390,000              | 56,975                   | 301,020             | 32,005                               | 91.8%                    | E.Waite         | Construction delayed to 2024 to coordinate with transportation bridge construction and to commence after the completion of Waterdown E-W Bypass road. |
| 2017                                               | 5161749555 | QA-QC Service Contract - 2017                               | 110,000              | 21,696                   | 82,618              | 5,686                                | 94.8%                    | E.Waite         | Ongoing - work in progress                                                                                                                            |
| 2017                                               | 5161760390 | Wastewater System Lining Program - 2017                     | 4,500,000            | 3,413,954                | 245,099             | 840,947                              | 81.3%                    | E.Waite         | Ongoing - work in progress                                                                                                                            |
| 2017                                               | 5161760533 | Trenchless Manhole Rehabilitation - 2017                    | 80,000               | 7,873                    | 70,000              | 2,127                                | 97.3%                    | E.Waite         | Ongoing - work in progress                                                                                                                            |
| 2017                                               | 5161760575 | Mainline Sewer Condition Assessment Program - 2017          | 1,330,000            | 359,941                  | 441,791             | 528,268                              | 60.3%                    | E.Waite         | Ongoing - work in progress                                                                                                                            |
| 2017                                               | 5161760576 | Sewer Lateral Condition Assessment Program - 2017           | 900,000              | 480,662                  | 419,338             | 0                                    | 100.0%                   | E.Waite         | Complete - Close once commitments are paid/cleared                                                                                                    |
| 2017                                               | 5161760711 | PW Capital Water Consumption Program - 2017                 | 200,000              | 69,378                   | 0                   | 130,622                              | 34.7%                    | E.Waite         | Ongoing - work in progress                                                                                                                            |
| 2017                                               | 5161760820 | Open Cut Repairs for CIPP Program - 2017                    | 400,000              | 31,745                   | 368,255             | 0                                    | 100.0%                   | E.Waite         | Complete - Close once commitments are paid/cleared                                                                                                    |
| 2017                                               | 5161761241 | Eastern Sanitary Interceptor (ESI) Rehab - SSR at Fruitland | 4,688,000            | 4,687,845                | 0                   | 155                                  | 100.0%                   | E.Waite         | Close after year end report                                                                                                                           |
| 2017                                               | 5161761444 | Sewer Lateral Replace/Rehab Program - 2017                  | 4,000,000            | 2,998,321                | 996,106             | 5,573                                | 99.9%                    | E.Waite         | Ongoing - work in progress                                                                                                                            |
| 2017                                               | 5161768240 | Western Interceptor Sewer CCTV and Sonar Inspection         | 1,540,000            | 151,557                  | 1,200,000           | 188,443                              | 87.8%                    | E.Waite         | Ongoing - work in progress. To be completed by March 31, 2018 as per CWWF requirements                                                                |
| 2017                                               | 5161771015 | Sewer Lateral Replacement for Co-ordinated Projects         | 300,000              | 29,524                   | 95,355              | 175,121                              | 41.6%                    | E.Waite         | Ongoing - work in progress                                                                                                                            |
| 2017                                               | 5161772720 | Central Park                                                | 120,000              | 0                        | 0                   | 120,000                              | 0.0%                     | E.Waite         | \$120K WIP funded to 2018 Waterfront project for Sheaffe/Cannon/Caroline/Railway/Mill/Harriet (Central Park) - 4411806202                             |
| <b>Sub-Total Wastewater - Engineering Services</b> |            |                                                             | <b>161,718,110</b>   | <b>87,343,841</b>        | <b>42,000,140</b>   | <b>32,374,129</b>                    | <b>80.0%</b>             |                 |                                                                                                                                                       |
| <b>Storm Sewers - Engineering Services</b>         |            |                                                             |                      |                          |                     |                                      |                          |                 |                                                                                                                                                       |
| 2012                                               | 5181272290 | Storm Sewer Upgrades - 2012                                 | 7,596,000            | 6,717,256                | 797,493             | 81,251                               | 98.9%                    | M.Oddi/P. McNab | Ongoing work in progress - outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway underpass .                 |
| 2013                                               | 5181360312 | Greenhill - Hwy 20 Culverts                                 | 2,110,000            | 889,135                  | 431,012             | 789,853                              | 62.6%                    | M.Oddi          | Complete - pending final review/audit/payment                                                                                                         |

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| YEAR APPROVED | PROJECT ID | DESCRIPTION                                         | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE<br>e = (b+c) / a | Project Manager  | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                                                                                                                                  |
|---------------|------------|-----------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |            |                                                     | a                    | b                        | c                   | d                                       | e                           |                  |                                                                                                                                                                                                                                                                 |
| 2013          | 5181372295 | SERG - Mount Albion SWMF Rehab                      | 670,000              | 174,308                  | 5,558               | 490,134                                 | 26.8%                       | S.Jacob          | HCA permit outstanding                                                                                                                                                                                                                                          |
| 2014          | 5181460422 | SERG - Holbrook SW Improvement                      | 940,000              | 666,920                  | 4,868               | 268,212                                 | 71.5%                       | M.Oddi           | Complete - pending final review/audit/payment                                                                                                                                                                                                                   |
| 2014          | 5181460423 | SERG - Princess at Birch                            | 90,000               | 11,172                   | 0                   | 78,828                                  | 12.4%                       | S.Jacob          | Requires changes to manholes. Can be done as a maintenance activity.                                                                                                                                                                                            |
| 2015          | 5181555077 | Zoom Camera Inspection - Data Component             | 760,000              | 120,872                  | 234,207             | 404,921                                 | 46.7%                       | E.Waite          | Ongoing - work in progress                                                                                                                                                                                                                                      |
| 2015          | 5181560591 | Barton St. Trunk Sewer Rehab - Strathearne to Weir  | 1,290,000            | 228,078                  | 139                 | 1,061,783                               | 17.7%                       | E.Waite          | Ongoing - work in progress<br>Contract award expected in Q4 2017, construction completion Q2 2018                                                                                                                                                               |
| 2015          | 5181560999 | Closed Projects - Storm                             | 275,000              | 26,288                   | 158,281             | 90,431                                  | 67.1%                       | E.Waite/P. McNab | This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure all of the original project ID. % spent is dependent on maintenance required. |
| 2015          | 5181572291 | Barton & Hamilton St, Waterdown Storm Sewer Upgrade | 1,530,000            | 317,747                  | 0                   | 1,212,253                               | 20.8%                       | E.Waite          | Funding made available through 2015 budget for potential extension for development. Development spearheading. Currently under review by Risk and Legal due to developer/constructor claim.                                                                      |
| 2015          | 5181572295 | SERG - LEEDS Implementation                         | 910,000              | 50,228                   | 46,147              | 813,625                                 | 10.6%                       | E.Waite          | Complete. \$590k being used to WIP fund 2018 program. Close once commitments are paid/cleared.                                                                                                                                                                  |
| 2016          | 5181649555 | QA-QC Service Contract - 2016                       | 60,000               | 28,200                   | 30,000              | 1,800                                   | 97.0%                       | M.Oddi/P. McNab  | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                              |
| 2016          | 5181655420 | Wilson St Stormwater Drainage                       | 2,440,000            | 965,625                  | 188,947             | 1,285,428                               | 47.3%                       | M.Oddi           | Construction ongoing. Anticipated completion mid December 2017.                                                                                                                                                                                                 |
| 2016          | 5181655556 | Mapping Update - 2016                               | 70,000               | 5,213                    | 55,447              | 9,340                                   | 86.7%                       | G.McGuire        | Complete - Close once commitments are paid/cleared                                                                                                                                                                                                              |
| 2016          | 5181660533 | Trenchless Manhole Rehabilitation - 2016            | 80,000               | 35,355                   | 40,248              | 4,397                                   | 94.5%                       | E.Waite          | Ongoing - work in progress, close after year end 2017                                                                                                                                                                                                           |
| 2016          | 5181662073 | Field Data Systems Program - 2016                   | 100,000              | 34,364                   | 0                   | 65,636                                  | 34.4%                       | I.Szczepanik     | Ongoing - work in progress. Not an annual project. No funds requested for 2018.                                                                                                                                                                                 |
| 2016          | 5181672074 | Contingency for Unscheduled Works Program - 2016    | 150,000              | 35,370                   | 26,345              | 88,285                                  | 41.1%                       | E.Waite/P. McNab | % spent dependent on # of unscheduled works.                                                                                                                                                                                                                    |
| 2016          | 5181672259 | SERG - Gage Park Pond                               | 1,980,000            | 161,695                  | 134,811             | 1,683,494                               | 15.0%                       | S.Jacob          | Design 2017, construction 2018                                                                                                                                                                                                                                  |
| 2016          | 5181672290 | Storm Sewer Upgrades - 2016                         | 1,538,000            | 531,044                  | 131,352             | 875,604                                 | 43.1%                       | M.Oddi/P. McNab  | \$280K WIP funded to 2018 Waterfront project for Sheaffe/Cannon/Caroline/Railway/Mill/Harriet (Central Park) - 4411806202. Balance of projects ongoing. Anticipated surplus approx. \$350k                                                                      |

| YEAR APPROVED                                        | PROJECT ID | DESCRIPTION                                              | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager | STATUS EXPLANATION as of September 30, 2017                                                                                     |
|------------------------------------------------------|------------|----------------------------------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
|                                                      |            |                                                          | a                    | b                        | c                   | d                                    | e                        |                 |                                                                                                                                 |
| 2016                                                 | 5181672650 | West Mtn Sewers - Juggernaut                             | 9,549,000            | 1,307,137                | 10,613,147          | (2,371,284)                          | 124.8%                   | E.Waite         | Construction to begin in 2017. CWWF funded project to be completed by March 2018. \$3.3m 2018 budget to be approved and loaded. |
| 2017                                                 | 5181717549 | Concrete Box Culvert Rehabilitation/Repair (< 3.0m span) | 194,000              | 149,627                  | 44,373              | 0                                    | 100.0%                   | E.Waite         | Complete - Close once commitments are paid/cleared                                                                              |
| 2017                                                 | 5181749555 | QA-QC Service Contract - 2017                            | 60,000               | 5,905                    | 18,368              | 35,727                               | 40.5%                    | E.Waite         | Ongoing - work in progress                                                                                                      |
| 2017                                                 | 5181760533 | Trenchless Manhole Rehabilitation - 2017                 | 80,000               | 7,873                    | 70,000              | 2,127                                | 97.3%                    | E.Waite         | Ongoing - work in progress                                                                                                      |
| 2017                                                 | 5181760730 | McQueston Park Entrance - Flooding                       | 250,000              | 24,603                   | 0                   | 225,397                              | 9.8%                     | E.Waite         | Ongoing - work in progress, completion Q2 2018                                                                                  |
| 2017                                                 | 5181772290 | Storm Sewer Upgrades - 2017                              | 470,000              | 83,692                   | 4,091               | 382,217                              | 18.7%                    | E.Waite         | 1 of 4 projects tendered. The remaining three projects are design 2017 only.                                                    |
| 2017                                                 | 5181780786 | RHBP - Dartnall - Stone Church to Rymal                  | 187,000              | 16,730                   | 166,943             | 3,327                                | 98.2%                    | M.Oddi          | Ongoing construction. Surface asphalt 2018.                                                                                     |
| <b>Sub-Total Storm Sewers - Engineering Services</b> |            |                                                          | <b>33,379,000</b>    | <b>12,594,437</b>        | <b>13,201,777</b>   | <b>7,582,786</b>                     | <b>77.3%</b>             |                 |                                                                                                                                 |

**TOTAL WATER, WASTEWATER & STORM SEWERS ENGINEERING SECTION**

|                    |                    |                   |                   |              |
|--------------------|--------------------|-------------------|-------------------|--------------|
| <b>313,248,490</b> | <b>166,875,352</b> | <b>65,553,715</b> | <b>80,819,423</b> | <b>74.2%</b> |
|--------------------|--------------------|-------------------|-------------------|--------------|

**WATER WASTEWATER & STORM SEWERS OPERATIONS SECTION**

**Water - Operations**

|      |            |                                                    |            |            |           |           |        |                        |                                                                                                                                                                            |
|------|------------|----------------------------------------------------|------------|------------|-----------|-----------|--------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2011 | 5141166151 | SCADA Master Plan Implement                        | 15,580,000 | 12,059,386 | 1,049,759 | 2,470,855 | 84.1%  | A.McArthur             | SCADA Master Plan implementation and construction will continue until Q4 2017                                                                                              |
| 2014 | 5141455922 | Water Loss Audit - 2014                            | 400,000    | 16,242     | 14,022    | 369,736   | 7.6%   | N.Winters              | These funds are to install water meters throughout the water distribution system to determine water loss. This project will be fully spent by July 1, 2018                 |
| 2015 | 5141560750 | Unscheduled Valve, Hydrant etc - 2015              | 7,350,000  | 6,794,192  | 555,808   | 0         | 100.0% | N.Winters              | These funds are for the Emergency Water Repair contract and they will be fully spent by February 2018.                                                                     |
| 2015 | 5141569075 | Environmental Lab Improvements - 2015              | 70,000     | 27,567     | 42,910    | (477)     | 100.7% | P.Thomas/C. Vanderperk | Complete - Close once commitments are paid/cleared                                                                                                                         |
| 2016 | 5141641226 | Centralized Water and Wastewater Operations Centre | 250,000    | 0          | 0         | 250,000   | 0.0%   | A.McArthur             | Continuing to work with City-wide Portfolio Review of Yard Facilities and Properties.                                                                                      |
| 2016 | 5141651610 | Fleet Additions - Hamilton Water - 2016            | 400,000    | 201,838    | 127,374   | 70,788    | 82.3%  | G.Botha                | This project has experienced some delays but the funds will be fully committed by October 2017. These funds are for installation of AVL modems in Hamilton Water vehicles. |
| 2016 | 5141655851 | Water Efficiency Plan - 2016                       | 102,000    | 14,481     | 15,080    | 72,439    | 29.0%  | J.Wagner               | Project to be initiated in Q3. 1/3 to be spent in 2017. 2/3 in 2018.                                                                                                       |
| 2016 | 5141660750 | Unscheduled Valve, Hydrant etc - 2016              | 2,500,000  | 773,371    | 1,726,629 | 0         | 100.0% | N.Winters              | These funds are for the Emergency Water Repair contract and they will be fully spent by February 2019.                                                                     |

**City of Hamilton Capital Projects Status Report - Public Works Rate Supported Projects  
As of September 30, 2017**

Appendix "B" to Report FCS17076(a)  
Page 19 of 22

| YEAR APPROVED                                  | PROJECT ID | DESCRIPTION                                                          | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE<br>e = (b+c) / a | Project Manager        | STATUS EXPLANATION<br>as of September 30, 2017                                                                                                  |
|------------------------------------------------|------------|----------------------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                |            |                                                                      | a                    | b                        | c                   | d                                       | e                           |                        |                                                                                                                                                 |
| 2016                                           | 5141661502 | New & Replacement Water Meters - 2016                                | 2,000,000            | 1,721,818                | 53,370              | 224,812                                 | 88.8%                       | R.Di Giovanni          | Received documentation from contractor in order to release 10% holdback. With F&A group now. Will close after payouts completed.                |
| 2016                                           | 5141662078 | Substandard Water Service Replacement Program - 2016                 | 3,000,000            | 1,855,893                | 1,117,332           | 26,775                                  | 99.1%                       | N.Winters/D. Alberton  | These funds are for the replacement of public portion lead water services. This project is on-track and should be fully spent by April 2018.    |
| 2016                                           | 5141669075 | Environmental Lab Improvements - 2016                                | 150,000              | 0                        | 0                   | 150,000                                 | 0.0%                        | P.Thomas/C. Vanderperk | Anticipate 100% spent/committed by year end 2018.                                                                                               |
| 2017                                           | 5141751710 | Fleet Additions - Hamilton Water - 2017                              | 560,000              | 143,733                  | 38,551              | 377,716                                 | 32.6%                       | G.Botha                | Ongoing - work in progress. P.O. for Plant Maintenance & Technical Services Section for the purchase of a new forklift is included.             |
| 2017                                           | 5141755851 | Water Efficiency Plan - 2017                                         | 200,000              | 13,290                   | 35,840              | 150,870                                 | 24.6%                       | J.Wagner               | Anticipate 50 % spent in 2017 & remaining 50 % in 2018                                                                                          |
| 2017                                           | 5141757750 | Carlisle AMR/AMI Pilot Project                                       | 250,000              | 0                        | 170,000             | 80,000                                  | 68.0%                       | R. Di Giovanni         | Ongoing - work in progress. This project will run until the end of this year.                                                                   |
| 2017                                           | 5141760750 | Unscheduled Valve, Hydrant etc - 2017                                | 1,040,000            | 172,205                  | 850,903             | 16,892                                  | 98.4%                       | N.Winters              | These funds are for the Emergency Water Repair contract and they will be fully spent by November 2019.                                          |
| 2017                                           | 5141761502 | Water Meter - Installation /Replacement/Repair - General Maintenance | 2,100,000            | 1,388,339                | 710,676             | 985                                     | 100.0%                      | R. Di Giovanni         | Ongoing - work in progress. This project will run until Feb 1st, 2018.                                                                          |
| 2017                                           | 5141762078 | Substandard Water Service Replacement Program - 2017                 | 4,000,000            | 1,753,773                | 300,934             | 1,945,293                               | 51.4%                       | N.Winters/D. Alberton  | These funds are for the replacement of public portion lead water services. This project is on-track and should be fully spent by February 2019. |
| 2017                                           | 5141763757 | City of Hamilton Bulk Water Fill Stations Upgrade                    | 80,000               | 0                        | 67,480              | 12,520                                  | 84.4%                       | R. Di Giovanni         | This project will run until the end of this year. PO will be closed in early 2018                                                               |
| <b>Sub-Total - Hamilton Water - Operations</b> |            |                                                                      | <b>40,032,000</b>    | <b>26,936,128</b>        | <b>6,876,668</b>    | <b>6,219,204</b>                        | <b>84.5%</b>                |                        |                                                                                                                                                 |

**WasteWater - Operations**

|      |            |                                |            |            |         |           |       |                         |                                                                                                                                                                                                                                      |
|------|------------|--------------------------------|------------|------------|---------|-----------|-------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2011 | 5161166151 | SCADA Master Plan Implement    | 15,875,000 | 13,112,102 | 683,762 | 2,079,136 | 86.9% | A.McArthur              | SCADA Master Plan implementation and construction will continue until Q4 2017                                                                                                                                                        |
| 2014 | 5161460450 | Iona Trunk Sewer Odour Control | 650,000    | 32,288     | 0       | 617,712   | 5.0%  | N.Winters               | This project has been completed. We will be completing an appropriation adjustment to move those funds to other wastewater projects. This appropriation adjustment will be completed once the 2018 Budget process has been completed |
| 2014 | 5161469076 | BCOS-Beyond Compliance OP Sys  | 243,000    | 97,618     | 7,410   | 137,972   | 43.2% | C.Vanderperk/<br>S.Girt | This project relates to the BCOS software upgrade and DWQMS maintenance. The monies will be spent 2018/2019.                                                                                                                         |
| 2015 | 5161560625 | Post Zoom Camera Rehab         | 220,000    | 70,747     | 0       | 149,253   | 32.2% | N.Winters               | \$149k being used to WIP fund 2018 program. An appropriation adjustment was completed to move \$40k surplus to the 2017 project (this will clear the \$23k deficit for 2015 and 2016 Unscheduled Valve, Hydrant, etc. projects)      |

| YEAR APPROVED                                       | PROJECT ID | DESCRIPTION                                        | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d = a - b - c | % COMPLETE e = (b+c) / a | Project Manager          | STATUS EXPLANATION as of September 30, 2017                                                                                                                     |
|-----------------------------------------------------|------------|----------------------------------------------------|----------------------|--------------------------|---------------------|--------------------------------------|--------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                     |            |                                                    | a                    | b                        | c                   | d                                    | e                        |                          |                                                                                                                                                                 |
| 2016                                                | 5161641226 | Centralized Water and Wastewater Operations Centre | 250,000              | 0                        | 0                   | 250,000                              | 0.0%                     | A.McArthur               | Continuing to work with City-wide Portfolio Review of Yard Facilities and Properties.                                                                           |
| 2016                                                | 5161660302 | Emergency Repairs - Cross Connections - 2016       | 500,000              | 472,690                  | 27,249              | 61                                   | 100.0%                   | N.Winters/D. Alberton    | This account funds the investigation and correction of sewer lateral cross connections. The funds are fully committed and will be fully spent by December 2017. |
| 2016                                                | 5161669075 | Environmental Lab Improvements - 2016              | 345,000              | 113,467                  | 140,895             | 90,638                               | 73.7%                    | P.Thomas/C. Vanderperk   | Anticipate 100% spent/committed by year end 2018.                                                                                                               |
| 2017                                                | 5161755422 | Sewer Use Bylaw Enforcement Infor Upgrade          | 80,000               | 1,654                    | 33,050              | 45,296                               | 43.4%                    | D.Saunders/C. Vanderperk | 32,000 will be spent in 2017. The remainder in 2018                                                                                                             |
| 2017                                                | 5161760302 | Emergency Repairs - Cross Connections - 2017       | 1,000,000            | 405,266                  | 513,441             | 81,293                               | 91.9%                    | N.Winters/D. Alberton    | This account funds the investigation and correction of sewer lateral cross connections. The funds will be fully spent by January 2019.                          |
| 2017                                                | 5161760522 | Sewer Lateral Management Program (WWC) - 2017      | 3,500,000            | 2,243,269                | 999,642             | 257,089                              | 92.7%                    | N.Winters/D. Alberton    | The funds are for the sewer lateral management program and they will be fully spent by April 2018                                                               |
| 2017                                                | 5161761740 | Unscheduled Manhole & Sewermain - 2017             | 350,000              | 7,239                    | 325,425             | 17,336                               | 95.0%                    | N.Winters                | These funds are for the Emergency Sewer Repair contract and they will be fully spent by December 2018.                                                          |
| 2017                                                | 5161766423 | Sewer Use Bylaw 14-090 Parameter Limit Review      | 150,000              | 0                        | 0                   | 150,000                              | 0.0%                     | D.Saunders/C. Vanderperk | 50 % will be spent in 2017. The remainder in 2018                                                                                                               |
| 2017                                                | 5161769075 | Environmental Lab Improvements - 2017              | 250,000              | 0                        | 0                   | 250,000                              | 0.0%                     | P.Thomas/C. Vanderperk   | Anticipate 100% spent/committed by year end 2018.                                                                                                               |
| <b>Sub-Total - Hamilton Wastewater - Operations</b> |            |                                                    | <b>23,413,000</b>    | <b>16,556,340</b>        | <b>2,730,874</b>    | <b>4,125,786</b>                     | <b>82.4%</b>             |                          |                                                                                                                                                                 |

**Storm Sewers - Operations**

|                                                       |            |                                         |                  |                |                |                |              |           |                                                                                                                                                                                       |
|-------------------------------------------------------|------------|-----------------------------------------|------------------|----------------|----------------|----------------|--------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2015                                                  | 5181560515 | Inlet-Outlet Storm Damage Repair - 2015 | 850,000          | 381,552        | 66,221         | 402,227        | 52.7%        | N.Winters | \$400k surplus being used to wip fund 2018 Storm Capital Program. The \$66K Spring Creek PO will need to remain in this account until the warranty period is complete December 2017). |
| 2017                                                  | 5181755740 | Flushables Research Study               | 75,000           | 0              | 75,000         | -              | 100.0%       | J.Wagner  | Expected completion of study by end of Q3 2018.                                                                                                                                       |
| 2017                                                  | 5181761740 | Unscheduled Manhole & Sewermain - 2017  | 100,000          | 0              | 1,607          | 98,393         | 1.6%         | N.Winters | These funds are for the Emergency Sewer Repair contract and they will be fully spent by December 2018.                                                                                |
| <b>Sub-Total - Hamilton Storm Sewers - Operations</b> |            |                                         | <b>1,025,000</b> | <b>381,552</b> | <b>142,828</b> | <b>500,620</b> | <b>51.2%</b> |           |                                                                                                                                                                                       |

**Storm Sewers - Roads O&M**

|      |            |                              |           |         |        |         |       |          |                                                                   |
|------|------------|------------------------------|-----------|---------|--------|---------|-------|----------|-------------------------------------------------------------------|
| 2014 | 5181460452 | Shoreline Protection Program | 1,110,000 | 229,044 | 26,768 | 854,188 | 23.0% | B.Hughes | Final design preparation subject to private resident involvement. |
| 2014 | 5181460461 | Forty Mile Municipal Drain   | 100,000   | 91,363  | 0      | 8,637   | 91.4% | B.Hughes | Close once cost sharing has been confirmed.                       |



**City of Hamilton Capital Projects Status Report - Public Works Rate Supported Projects**  
As of September 30, 2017

Appendix "B" to Report FCS17076(a)  
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| YEAR APPROVED                                            | PROJECT ID | DESCRIPTION                                                | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE<br>e = (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017                                                              |
|----------------------------------------------------------|------------|------------------------------------------------------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|-------------------------------------------------------------------------------------------------------------|
|                                                          |            |                                                            | a                    | b                        | c                   | d                                       | e                           |                 |                                                                                                             |
| 2014                                                     | 5181460722 | Municipal Drain Maintenance Program - 2014/15              | 199,000              | 22,765                   | 12,243              | 163,992                                 | 17.6%                       | B.Hughes        | Reactive Account - subject to applications from the public. Note no 2017 allocations.                       |
| 2015                                                     | 5181510501 | Mathers Drive Bank Erosion Control and Slope Stabilization | 1,100,000            | 43,867                   | 64,797              | 991,336                                 | 9.9%                        | B.Hughes        | Project file to council, design to commence upon council approval, construction anticipated start Q3, 2018. |
| 2015                                                     | 5181517152 | Roadside Drainage Improvement Program - 2015               | 1,320,000            | 1,266,028                | 31,394              | 22,578                                  | 98.3%                       | B.Hughes        | Complete - Close once commitments are paid/cleared                                                          |
| 2016                                                     | 5181617152 | Roadside Drainage Improvement Program - 2016               | 1,500,000            | 1,024,129                | 461,408             | 14,463                                  | 99.0%                       | B.Hughes        | Work complete                                                                                               |
| 2016                                                     | 5181617458 | Catch Basin Replacement/Rehabilitation Program - 2016      | 500,000              | 383,225                  | 27,757              | 89,018                                  | 82.2%                       | B.Hughes        | Anticipate 100% spent Q2, 2018                                                                              |
| 2016                                                     | 5181617549 | Cross Road Culvert Rehabilitation/Repair - 2016            | 150,000              | 97,003                   | 54,675              | (1,678)                                 | 101.1%                      | B.Hughes        | Anticipate 100% spent Q4 2017                                                                               |
| 2016                                                     | 5181617642 | South St East Drainage Improve                             | 160,000              | 21,652                   | 3,224               | 135,124                                 | 15.5%                       | B.Hughes        | Construction Q2, 2018                                                                                       |
| 2016                                                     | 5181660622 | SWM Pond-Creek Maintenance Program - 2016                  | 1,500,000            | 614,531                  | 878,917             | 6,552                                   | 99.6%                       | B.Hughes        | Work complete                                                                                               |
| 2016                                                     | 5181660722 | Municipal Drain Maintenance Program - 2016                 | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | B.Hughes        | Reactive Account - subject to applications from the public. Note no 2017 allocations.                       |
| 2016                                                     | 5181674640 | Battlefield Creek Remediation                              | 300,000              | 166,641                  | 20,256              | 113,103                                 | 62.3%                       | B.Hughes        | Work complete                                                                                               |
| 2017                                                     | 5181717152 | Roadside Drainage Improvement Program - 2017               | 1,370,000            | 88,583                   | 1,282,202           | (785)                                   | 100.1%                      | B.Hughes        | Work complete                                                                                               |
| 2017                                                     | 5181717458 | Catch Basin Replacement/Rehabilitation Program - 2017      | 500,000              | 145,788                  | 123,334             | 230,878                                 | 53.8%                       | B.Hughes        | Anticipate 100% spent Q4, 2017.                                                                             |
| 2017                                                     | 5181760622 | SWM Pond-Creek Maintenance Program - 2017                  | 1,600,000            | 236,888                  | 1,154,191           | 208,921                                 | 86.9%                       | B.Hughes        | Anticipate 100% spent Q4, 2017.                                                                             |
| 2017                                                     | 5181760722 | Municipal Drain Maintenance Program - 2017                 | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | B.Hughes        | WIP finance 2018 project                                                                                    |
| 2017                                                     | 5181767723 | Pumping Stations                                           | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | B.Hughes        | Committed/work anticipated to be complete Q3, 2018                                                          |
| 2017                                                     | 5181774730 | Centre Road Drainage Improvement                           | 100,000              | 0                        | 0                   | 100,000                                 | 0.0%                        | B.Hughes        | Anticipate 100% spent Q3, 2018                                                                              |
| <b>Sub-Total - Hamilton Storm Sewers - Roads O&amp;M</b> |            |                                                            | <b>11,809,000</b>    | <b>4,431,507</b>         | <b>4,141,166</b>    | <b>3,236,327</b>                        | <b>72.6%</b>                |                 |                                                                                                             |

| YEAR APPROVED                                                  | PROJECT ID | DESCRIPTION | APPROVED BUDGET (\$) | ACTUAL EXPENDITURES (\$) | PO COMMITMENTS (\$) | AVAILABLE BALANCE (\$) d<br>= a - b - c | % COMPLETE<br>e = (b+c) / a | Project Manager | STATUS EXPLANATION<br>as of September 30, 2017 |
|----------------------------------------------------------------|------------|-------------|----------------------|--------------------------|---------------------|-----------------------------------------|-----------------------------|-----------------|------------------------------------------------|
|                                                                |            |             | a                    | b                        | c                   | d                                       | e                           |                 |                                                |
| <b>TOTAL WATER, WASTEWATER &amp; STORM SEWERS - OPERATIONS</b> |            |             | 76,279,000           | 48,305,527               | 13,891,536          | 10,845,610                              | 81.5%                       |                 |                                                |
| <b>Total Public Works - Rate Supported</b>                     |            |             | 869,041,513          | 361,757,000              | 311,348,393         | 192,699,793                             | 77.5%                       |                 |                                                |



**CITY OF HAMILTON**  
**PLANNING AND ECONOMIC DEVELOPMENT DEPARTMENT**  
 Economic Development Division

|                           |                                                                                                                |
|---------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>TO:</b>                | Mayor and Members<br>General Issues Committee                                                                  |
| <b>COMMITTEE DATE:</b>    | February 21, 2018                                                                                              |
| <b>SUBJECT/REPORT NO:</b> | Concession Street Business Improvement Area (BIA)<br>Revised Board of Management (PED14242(f)) (Wards 6 and 7) |
| <b>WARD(S) AFFECTED:</b>  | Wards 6 and 7                                                                                                  |
| <b>PREPARED BY:</b>       | Carlo Gorni (905) 546-2424 Ext. 2755                                                                           |
| <b>SUBMITTED BY:</b>      | Glen Norton<br>Director, Economic Development<br>Planning and Economic Development Department                  |
| <b>SIGNATURE:</b>         |                                                                                                                |

### RECOMMENDATION

That the following individual be appointed to the Concession Street Business Improvement Area (BIA) Board of Management:

James Knott

### EXECUTIVE SUMMARY

Appointment to the Concession Street Business Improvement Area (BIA) Board of Management.

***Alternatives for Consideration – N/A***

### FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial: N/A

Staffing: N/A

Legal: The *Municipal Act 2001*, Sections 204-215 governs BIAs. Section (204) Subsection (3) stipulates, “A Board of Management shall be composed of, (a) one or more Directors appointed directly by the Municipality; and (b) the remaining Directors selected by a vote of the membership of the

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

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

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

**SUBJECT: Concession Street Business Improvement Area (BIA) Revised Board of Management (PED14242(f)) (Wards 6 and 7) - Page 2 of 2**

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improvement area and appointed by the Municipality”. Section 204 Subsection (12) stipulates, “...if a vacancy occurs for any cause, the Municipality may appoint a person to fill the vacancy for the unexpired portion of the term and the appointed person is not required to be a member of the improvement area.”

**HISTORICAL BACKGROUND**

At its meeting held January 17, 2018, the Board of Management of the Concession Street BIA elected James Knott.

Should Council adopt the recommendation in Report PED14242(f), Mr. Knott would replace Ms. Carolyn Jonaitis who has resigned from the Board.

**POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

N/A

**RELEVANT CONSULTATION**

N/A

**ANALYSIS AND RATIONALE FOR RECOMMENDATION**

N/A

**ALTERNATIVES FOR CONSIDERATION**

N/A

**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**

N/A

CG:dt

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# INFORMATION REPORT

|                           |                                                                         |
|---------------------------|-------------------------------------------------------------------------|
| <b>TO:</b>                | Mayor and Members<br>General Issues Committee                           |
| <b>COMMITTEE DATE:</b>    | February 21, 2018                                                       |
| <b>SUBJECT/REPORT NO:</b> | Transit (HSR) Passenger Information Technology<br>(PW18018) (City Wide) |
| <b>WARD(S) AFFECTED:</b>  | City Wide                                                               |
| <b>PREPARED BY:</b>       | Dennis Guy<br>(905) 546-2424, Extension 1858                            |
| <b>SUBMITTED BY:</b>      | Debbie Dalle Vedove<br>Director, Transit<br>Public Works Department     |
| <b>SIGNATURE:</b>         |                                                                         |

## Council Direction:

At its meeting on January 17, 2018, General Issues Committee (GIC) directed staff to provide an update on the Transit (HSR) mobile application. On January 19, 2018 staff provided an update in the form of an Information Update – TRN1802.

This Information Report follows on the Information Update, in response to the GIC request from January 17, 2018.

## Information:

Approved through the Public Transit Infrastructure Fund (PTIF), Project ID HAM-011 aims to enrich the customer experience by using technology. The project includes passenger information improvements such as a real-time mobile application and responsive web trip planner, and SMS (text) / email notifications.

Staff initiated work on these improvements by conducting a review in late 2017 of the current trip planner and potential enhancements. In order to best meet the full potential of a mobile app and responsive web application, and after reviewing the technical aspects of the upgrades, we are focused on upgrading hardware, while continuing to refine the design elements of the applications. We are currently targeting mid-May 2018 to have the app available for download. We hope to soft launch the upgraded web-responsive trip planner by the end of Q1 2018.

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**SUBJECT: Transit (HSR) Passenger Information Technology (PW18018)**  
**(City Wide) Page 2 of 2**

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Enhanced features for customers include:

- Alerts- the ability to personalize information that you receive, such as bus times at specific stops, or route-related schedule adjustments;
- Speed- quick access to real-time data;
- Previous and future trip information- real-time data compared with schedule data.

Current Status

At the time of this Information Report, staff are focused on:

- Acquiring the necessary hardware needed to process large amounts of real-time data, incoming / outgoing SMS messages, and simultaneous website hits;
- Refining the content (text) on both the responsive web trip planner and mobile application;
- Refining the design elements (visual identity and brand) of both the responsive web trip planner and mobile application;
- Designing internal processes so that schedule interruptions will be communicated in real-time;
- Planning for user acceptance testing.

For more information, please contact Dennis Guy, Manager of Customer Experience and Innovation at extension 1858.

**Appendices and Schedules Attached**

N/A

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

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

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



**Hamilton-Wentworth Catholic District School Board  
Liaison Committee  
MINUTES 17-001  
Thursday, June 29, 2017  
9:30 a.m.  
Room 192, Hamilton City Hall  
71 Main Street West**

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**Present:** Mayor F. Eisenberger (Chair)  
P. Daly, HWCDSB (Vice Chair)  
Councillor A. Johnson  
J. Valvasori, Trustee, HWCDSB

**Regrets:** Councillor T. Whitehead – Personal

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**FOR THE INFORMATION OF THE COMMITTEE:**

**(a) CHANGES TO THE AGENDA (Item 1)**

The Clerk advised the Committee there were no changes to the agenda.

**(A. Johnson/Valvasori)**

That the agenda for the June 29, 2017 meeting of the Hamilton-Wentworth Catholic District School Board Liaison Committee be approved, as presented.

**CARRIED**

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

There were no declarations of interest.

**(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 3)**

**(i) June 7, 2016 (Item 3.1)**

**(A. Johnson/Valvasori)**

That the Minutes of the June 7, 2016 meeting of the Hamilton-Wentworth Catholic District School Board Liaison Committee, be received.

**CARRIED**

**(d) DISCUSSION ITEMS (Item 8)**

**(i) West Harbour Growth Accommodation in Schools (Item 8.1)**

Mayor Eisenberger explained that this matter has been referred from the City's General Issues Committee November 2, 2016 meeting to both School Board Liaison Committees for discussion.

Co-Chair Pat Daly provided the Committee with a handout, "HWCD Multi-Year Accommodation Plan 2017-2019". A copy of the handout has been retained for the official record.

**(A. Johnson/Daly)**

That the matter respecting West Harbour Growth Accommodation in Schools be referred to City Staff for a report back to the Hamilton-Wentworth Catholic District School Board Liaison Committee.

**CARRIED**

**(ii) New Public Path at 714 King Street West, Hamilton (Cathedral Basilica of Christ the King) (Item 8.2)**

Co-Chair Pat Daly advised that the agreement between the City, the Board and the Diocese for the public path at 714 King Street West, Hamilton (Cathedral Basilica of Christ the King) has been signed by the Board and has been sent to the City for signing. Janet Warner, Senior Project Manager of Capital, will follow-up on the agreement to ensure it has been signed by the City.

**(A. Johnson/Daly)**

That the update respecting the New Public Path at 714 King Street West, Hamilton (Cathedral Basilica of Christ the King), be received.

**CARRIED**

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

**(i) Update on Hamilton-Wentworth Catholic District School Board Activities (Added Item 11.1)**

The Committee held a general discussion on the Hamilton-Wentworth Catholic District School Board activities. The discussion included, but was not limited to, the following:

- Beverages
  - The HWCD no longer serves bottled water in cafeterias or vending machines
  - The Board has won Eco Awards for environmental activism



- St. Helen Centre
  - City staff advised they have been meeting with the Board regarding the St. Helen site to determine future uses
  - The City has been in discussions with HAIL (Hamilton Anchor Institution Leadership) regarding the potential to turn St. Helen Centre into a Community Hub
  - The City's goal is to have a clear plan of action for the site by the end of 2018, and to cover some of the operational costs that the Board has been carrying to date

**(f) ADJOURNMENT (Item 12)**

**(Daly/Valvasori)**

That there being no further business the meeting be adjourned at 9:58 a.m.

Respectfully submitted,

Mayor F. Eisenberger, Chair  
Hamilton-Wentworth Catholic  
District School Board Liaison  
Committee

Lisa Chamberlain  
Legislative Coordinator  
Office of the City Clerk

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Authority:

Wards: 1, 2, 3, 4, 5, 6, 7, 8,  
9, 10, 11, 12 and 13

Bill No.

CITY OF HAMILTON

BY-LAW NO.

To Adopt:

Amendment No.1 to the Environmental Remediation and Site Enhancement (ERASE)  
Community Improvement Plan

WHEREAS By-law 10-050, passed on the 10<sup>th</sup> day of March 2010, designated the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Project Area;

AND WHEREAS Section 28 of the Planning Act entitled Community Improvement states that where a by-law has been passed to designate a community improvement project area, the Council may provide for the preparation of a plan suitable for adoption as a community improvement plan for the community improvement project area;

AND WHEREAS By-law 10-050, passed on the 10<sup>th</sup> day of March 2010, adopted and approved the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan, as amended;

AND WHEREAS Council by its Planning Committee held a public meeting on XXXX , 2018 to discuss and receive public input regarding an amendment to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan , and has taken other steps required to amend the Plan prior to the enactment of this By-law, as required by the Planning Act;

AND WHEREAS the City has prepared an amendment to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan, attached hereto as Schedule 1 and forming part of this By-law;

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

1. Amendment No.1 to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan, consisting of Schedule 1, hereto annexed and forming part of this by-law, is hereby adopted and approved.

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2. Schedule 'A' to By-law 10-050 is hereby amended as set out in Schedule 1 to this By-law.

PASSED this X day of XXX, 2018.

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Fred Eisenberger

Mayor

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Rose Caterini

City Clerk

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## Amendment No. 1

To the

Environmental remediation and Site Enhancement (ERASE)  
Community Improvement Plan

The following Text and Schedules constitutes Amendment No. 1 to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan.

Purpose

The purpose of this amendment is to:

- To update the information on the Provincial Policy Statement and Places to Grow: Growth Plan for the Greater Golden Horseshoe;
- Increase the City's contribution to the ERASE Study Grant Program and include as eligible costs the cost of designated substances and hazardous materials surveys for the Older Industrial Area, institutional and designated Heritage sites;
- Amend the Tax Assistance Program to include 'removal/abatement of designated substances and hazardous materials' and 'environmental insurance premiums' as eligible costs;
- Amend the Downtown/West Harbourfront Remediation Loan Program (RLP) to apply only to smaller sites;
- Amend the ERASE Redevelopment Grant Program to Include 'removal/abatement of designated substances and hazardous materials' for the Older Industrial Area, institutional and designated Heritage sites;
- To make clerical and administrative changes to the CIP and the associated financial incentive program descriptions and terms.

Actual Changes

1. That the Title and Header be amended by updating the date of the document to February 2018.
2. That Section 1.1 What are Brownfields?, first paragraph, first sentence be deleted and replaced as follows"  
"Brownfields" are defined generally as undeveloped or previously developed properties that may be contaminated. They are usually, but not exclusively, former industrial or commercial properties that may be underutilized, derelict or vacant (Provincial Policy Statement, 2014, pg. 39)."
3. That Section 1.2.2 Environmental Benefits, second paragraph first sentence delete the word "recent" and third paragraph, second sentence delete the word 'recent'.
4. That Section 1.3, Purpose of the CIP, Paragraph three be deleted and replaced as follows:

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“In June of 1999, City Council directed that a Community Improvement Plan (CIP) to promote the Brownfield redevelopment of industrial and commercial properties in the City of Hamilton be prepared. The Plan was called the Environmental Remediation and Site Enhancement (Erase) Community Improvement Plan (CIP) and was adopted by City Council in April of 2001 and approved by the Minister of Municipal Affairs and Housing in August of 2001. The Erase CIP applies to the Erase Community Improvement Project Area (2001) generally associated with Hamilton’s older industrial area (see Appendix A). The ERASE CIP was expanded in April of 2005 for the improvement and enhancement of financial assistance programs contained in the ERASE CIP and to expand these programs to the full limits of the urbanized area of the City (see Appendix B). In 2010 the ERASE CIP was further amended adding a Remediation Loan Program (RLP), expansion to the ERG Programs well as increases to the ESG Program. The Erase CIP has been in place for approximately sixteen years and has been successful in providing the financial tools needed to promote the remediation and redevelopment of brownfield sites. The results of the ERASE CIP to date are presented in Section 5.0 on Previous Community Improvement Plans.”

5. That Section 2.4, Provincial Policy Statement (PPS) be deleted and replaced as follows:

“2.4 Provincial Policy Statement (PPS)(2014)

The Provincial Policy Statement (PPS) is issued under Section 3 of the *Planning Act* and is intended to guide municipalities as they make planning decisions. The *Planning Act* requires that municipal decisions in respect of the exercise of any authority that affects a planning matter “shall be consistent with” the PPS.

The PPS supports the remediation and redevelopment of brownfield sites. For example, Section 1.7.1 e) of the PPS states that “long-term economic prosperity should be supported by promoting the redevelopment of brownfield sites”. Brownfields are defined in the PPS as “undeveloped or previously developed properties that may be contaminated. They are usually, but not exclusively, former industrial or commercial properties that may be underutilized, derelict or vacant”.

The PPS also supports Smart Growth through urban growth management. For example, Section 1.1.3.3 of the PPS states “planning authorities shall identify and promote opportunities for intensification and redevelopment where this can be accommodated taking into account existing building stock or areas, including brownfield sites, and the availability of suitable existing or planned infrastructure and public service facilities required to accommodate projected needs”. Therefore, the PPS supports brownfield redevelopment as a way to achieve the goal of promoting intensification and redevelopment. Other policies in the PPS (Sections 1.1.1 a), 1.1.1 h) and 1.6.3) support the management of growth to achieve efficient development and land use patterns which sustain the financial well-being of the Province and municipalities over the long term. The redevelopment of brownfields has a role to play in this regard.”

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6. That Section 2.5 Growth Plan for the Greater Golden Horseshoe be deleted and replaced as follows:

“2.5 Growth Plan for the Greater Golden Horseshoe (2017)

The Growth Plan envisages increasing intensification of the existing built-up area, with a focus on urban growth centres, intensification corridors, major transit station areas, brownfield sites and greyfields. The ERASE Community Improvement Plan would contribute to the increased intensification in the built-up area.

The vision for the GGH is grounded in the following principles that provide the basis for guiding decisions on how land is developed; resources are managed and public dollars invested:

- Achieve complete communities that are designed to support healthy and active living
- Prioritize intensification and higher densities to make efficient use of land and infrastructure and support transit viability.
- Provide flexibility to capitalize on new economic and employment opportunities as they emerge, while providing certainty for traditional industries, including resource-based sectors.
- Provide for different approaches to manage growth that recognize the diversity of communities in the *GGH*.
- Protect and enhance natural heritage, hydrologic, and landform systems, features, and functions.
- Conserve and promote cultural heritage resources to support the social, economic, and cultural well-being of all communities, including First Nations and Métis communities.
- Integrate climate change considerations into planning and managing growth such as planning for more resilient communities and infrastructure – that are adaptive to the impacts of a changing climate – and moving towards low-carbon communities, with the long-term goal of net-zero communities, by incorporating approaches to reduce greenhouse gas emissions.

Further, providing opportunities for businesses and residences to locate in the Greater Golden Horseshoe is fundamental to using land wisely and ensuring a prosperous economic future.”

7. That following Section 2.6 Regional Municipality of Hamilton-Wentworth Official Plan that one new section be added as follows and the subsequent sections renumbered accordingly:

“2.7 Urban Hamilton Official Plan

The City of Hamilton Urban Official Plan has numerous policies directed towards achieving an efficient, well planned and supportive approach to landuse planning. With particular regard to Community Improvement Plan’s Policy 1.15.1 is considered applicable:

Community Improvement shall be carried out through the designation, by Council, of Community Improvement Project Areas and through the preparation and implementation of Community Improvement Plans pursuant to the *Planning Act*. It is the intent of Council

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that the entire *urban area* or any part of the *urban area* as defined in this Plan, and as subsequently amended, may by by-law be designated as a Community Improvement Project Area.

Policy 1.15.2 sets out the criteria to be used when designating community improvement project areas:

When designating Community Improvement Project Areas, one or more of the following characteristics may be present:

- a) building stock or property in need of rehabilitation;
- b) buildings and *structures* of heritage or architectural significance;
- c) encroachment of incompatible land uses or activities;
- d) deteriorated or insufficient physical infrastructure such as, but not limited to, sanitary and storm sewers and water mains, public transit, roads/streets, curbs, sidewalks, street lighting and utilities;
- e) deteriorated or insufficient *community facilities/services* such as, but not limited to public indoor/outdoor recreational facilities, public open space and public social facilities;
- f) inadequate mix of housing types;
- g) inadequate *affordable* housing;
- h) known or perceived environmental contamination;
- i) deteriorated or insufficient parking facilities;
- j) poor overall visual amenity of the area, including, but not limited to streetscapes and urban design;
- k) existing Business Improvement Areas or potential for inclusion in a Business Improvement Area designation, provided such designation is in conformity with the Niagara Escarpment Plan;
- l) inappropriate road access and traffic circulation;
- m) shortage of land to accommodate building expansion and/or parking and loading facilities;
- n) other barriers to the improvement or redevelopment of underutilized land or buildings; or,
- o) any other environmental, social, or community economic development reasons for designation.

As discussed in Section 3.0, properties in the older industrial area and brownfields throughout the urban area of Hamilton exhibit several of these characteristics, including:

- known or perceived environmental contamination;
- building stock or property in need of rehabilitation;
- encroachment of incompatible land uses or activities;
- shortage of land to accommodate building expansion and/or parking and loading facilities; and,
- poor overall visual amenity of the area, including, but not limited to streetscapes and urban design.

With particular regard to the development and redevelopment of brownfield Sites Policy 3.1.5, is applicable:

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There are many complex and interconnected reasons for promoting and implementing brownfield *redevelopment*. There are significant and immediate economic, environmental and social benefits from regenerating these "legacy" properties. The City, in addition to other economic development objectives, shall pursue the *redevelopment* of brownfield sites and promote opportunities for employment and *residential intensification* by:

- a) continuing to liaise with other levels of government, agencies, and the private sector to endorse and amend existing legislation, regulations and standards, including the addressing of liability issues for land owners;
- b) undertaking studies to identify priority brownfield sites for *redevelopment*;
- c) providing the necessary financial assistance to developers and landowners to make the *redevelopment* of brownfield sites a viable option; and,
- d) ensure a wide variety of investment opportunities are available throughout the City and provide potential employment users with a range of alternative sites of various size in a variety of locations throughout the City.”

The continuous review and improvement of the ERASE CIP will secure this policy intent, providing financial support in order to facilitate efficient development.”

8. That Section 2.7 Vision 2020 be deleted and replaced as follows:

“2.8 2016 – 2025 STRATEGIC PLAN

The Strategic Plan 2016-2025 is a detailed strategy intending to secure the vision of making Hamilton the ‘best place to raise a child and age successfully’. The strategy’s mission is ‘To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.’

9. That Section 2.10 Setting Sail be deleted and replaced as follows:

“Setting Sail is the City’s long term planning project for Hamilton’s West Harbour (see Figure 2 for West Harbour Study Area). The West Harbour Area has witnessed tremendous change in recent years, led by the City’s investments in Pier 4 and Bayfront Parks and the creation of the Waterfront Trail. The City of Hamilton and the Hamilton Port Authority (formerly the Hamilton Harbour Commissioners) also reached an agreement in 2000 on future land use that sees a separation of recreational uses in the West Harbour Area from industrial port uses in the East Harbour Area.

The main objective of the Setting Sail Study is to create a series of integrated plans that will guide investment and development in the West Harbour Area. The Setting Sail Study is broad and includes consideration of land use, transportation, infrastructure and urban design.

One of the specific elements of the Setting Sail Study is a strategy to realize the revitalization and conversion of older industrial areas in the West Harbour to non-



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industrial uses. In this context, there are a few remaining operational industrial uses in and near the Tiffany Block which is bounded by Bay, Stuart and Barton Streets and the relocation of these few remaining industrial uses to industrial areas outside the West Harbour Area would help facilitate redevelopment of the West Harbour Area for non-industrial uses.”

10. That Section 2.11 Planning For Future Land Use, fourth paragraph first sentence delete the words “will emanate from” and replace with the word “form”.
11. That Section 2.12 Summary of Planning Policies be deleted and replaced as follows:

“The redevelopment and rehabilitation of the older industrial areas in the City of Hamilton is a key theme in the Urban Hamilton Official Plan. The use of financial tools to direct future urban development to curb urban sprawl and increased awareness of the potential for redevelopment and rehabilitation of contaminated brownfield sites are encouraged within the 2016-2025 Strategic Plan.

The Urban Hamilton Official Plan sets out the required framework as per Section 28 of the *Planning Act* for the preparation of a community improvement plan to promote the redevelopment of brownfields in Hamilton’s older industrial areas and throughout the urban area. The designation of the entire Urban Area as the ERASE Community Improvement Project Area and the preparation, adoption and amendment of this ERASE CIP is in conformity with, and supported by, existing planning policies. Through its programs contained herein, this CIP also emphasizes particular land uses in various areas within the Community Improvement Project Area that are in keeping with future planned land uses.”

12. That Section 3.2, Types of Assistance Required, that paragraph four, first sentence be amended by deleting the date “(2001)” and replacing it with “(2010)”.
13. That Section 3.2, Types of Assistance Required, that following paragraph five, a new paragraph be added as follows:

“Furthermore, it is considered appropriate to increase the eligibility of the ESG and ERG’s to cover DSHMS in the following circumstances:

- 1) Former institutional buildings;
- 2) Existing Heritage (properties designated under Part IV or V of the Ontario Heritage Act); and,
- 3) Older Industrial Area.

It is considered that this would provide a meaningful response to many issues arising out of adaptively re-using older buildings particularly Heritage properties, whereby demolition options are limited or constrained and redevelopment costs are significantly increased. In reviewing this staff concurred and also identified the opportunity to include former institutional buildings, given the rising number of former schools and similar buildings being considered for redevelopment.”

14. That Section 4.0 Community Improvement Project Area, be amended by deleting the first paragraph and replacing it as follows:

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“Based on the enabling policies in the Urban Hamilton Official Plan, the critical needs analysis, and the existence of brownfields throughout the urban area of Hamilton, the boundary of the Hamilton ERASE Community Improvement Project Area (the “Project Area”) is “the area designated as Urban Area in the Urban Hamilton Official Plan, as may be amended from time to time”. The boundary of the ERASE Community Improvement Project Area as shown in Figure 4 is provided for illustrative purposes only to show the Project Area. The ERASE Community Improvement Project Area is properly defined by the above-noted text reference to the Urban Area. Therefore, any expansion or change to the Urban Area, and therefore the Project Area, will be captured by the above-noted text reference and will not require amendment to this Plan.”

15. That Section 4.0 Community Improvement Project Area, be amended by replacing Figure 4 with the updated Figure 4 contained at the end of this document.
16. That Section 5.3 ERASE Community Improvement Plan (CIP) – 2005 be amended by deleting paragraph two, three and four.
17. That following Section 5.3 ERASE Community Improvement Plan (CIP) – 2005 one new section be added as follows and the subsequent sections renumbered accordingly:

“5.4 ERASE Community Improvement Plan (CIP) – 2010

The ERASE CIP (2010) was adopted by City Council March 2010. The ERASE CIP (2010) expanded upon the ERASE CIP (2005) in terms of financial assistance and included the addition of a Remediation Loan Program (RLP) for the West Harbour and Downtown Areas.

Since the ERASE CIP (2001) over 380 Acres of land has been studied; with the City of Hamilton experiencing a total assessment increase due to ERG in excess of \$129,029,379. It has been demonstrated that every \$1 contributed by the City has generated \$11.10 in private sector construction; and that remediation and redevelopment has been approved for approximately 210 Acres of brownfield land with 123 Acres (59% of approved land area) remediated to date”

18. That Section 5.4 Downtown Hamilton Community Improvement Plan (CIP) be amended by deleting the words ‘as amended’ in line 2 and adding:

“and further amended in 2016 by by-law 16-125 and 16-126.”

19. That Section 6.1 be deleted in its entirety and the section renumbered accordingly.
20. That Section 6.2 Notification and Public Participation Procedure be amended by deleting “(April 2005)” from the first line and replacing with “(February 2018)”
21. That Part C ERASE CIP be amended by updating existing photographs.
22. That Part B ERASE CIP Section 7.0 Goals of the ERASE Community Improvement Plan be amended by deleting the first sentence and replacing it with:
 

“The goals of this Plan are consistent with and build upon the goals in the Urban Hamilton Official Plan.”
23. That Part B ERASE CIP Section 8.0 The ERASE Community Plan (CIP) be amended by deleting “(April 2005)” with “(February 2018)” of the first line.

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24. That Part B ERASE CIP Section 8.0 The ERASE Community Plan (CIP) be amended by updating ‘Figure 5 Summary of ERASE CIP Programs’ with the updated information approved through this by-law.
25. That Part B ERASE CIP Section 8.4 Downtown Hamilton / West Harbourfront Remediation Loan Pilot Program (RLP) be amended by deleting the word ‘Pilot’.
26. That Part B ERASE CIP Section 8.5 ERASE Municipal Acquisition and Partnership Program (MAPP) be amended by adding the words “Minister of” before the word “Housing” in the last line.
27. That Part B ERASE CIP Section 8.6 ERASE Marketing and Opportunities Program (MOP) be amended by adding the words “Minister of” before the word “Housing” in the last line.
28. That Part B ERASE CIP Section 10 Program Monitoring and Adjustment be amended by deleting the following words:  
 “and feedback obtained from applicants and members of the Brownfield Redevelopment Task Force,”.
29. That Part B ERASE CIP Section 11.0 Conclusion be amended by deleting the first sentence of paragraph 2 and replacing with:  
  
 “The goals of this Plan are consistent with and build upon the community improvement goals in the Urban Hamilton Official Plan.”
30. That Section 12.0 References add the following reference:  
  
 “Urban Hamilton Official Plan – Vibrant, Healthy, Sustainable Hamilton.”
31. That Part C Appendices be amended by updating the existing photographs.
32. That Part C Appendices, Appendix A Section 8.1 ERASE Study Grant Program be amended deleting acronym “(SGP)” and replacing with acronym “(ESG)” and that this be repeated for the remainder of the Appendix.
33. That Part C Appendices, Appendix A Section 8.1.1 Purpose be amended by adding an additional third paragraph that states:  
  
 “The Study Grants are considered an important tool to facilitate ERG applications, and to ensure this continues administrative changes will be recommended to require that all ESG’s are accompanied by preliminary development plans and/or letter of intent to develop.”
34. That Part C Appendices, Appendix A Section 8.1.2 Program Description be amended adding “(Since July 1, 2011)” at the end of prefix “b)” and by deleting “\$25,000” number from prefix “c)” and replacing it with “\$35,000”.
35. That Part C Appendices, Appendix A Section 8.1.2 Program Description be amended by deleting paragraph 3 which starts “ The SGP will Commence”, in its entirety.
36. That Part C Appendices, Appendix A Section 8.1.2 Program Description be amended by adding an additional paragraph prior to the final paragraph of the Section – which states:  
  
 “For consideration of an ESG proposed on City Owned Lands, the application must be accompanied with an intent to purchase agreement approved by City of Hamilton Real Estate Staff.”
37. That Part C Appendices, Appendix A Section 8.1.2 Program Description be amended by adding at the end of the section:

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“It is to be noted that an SGP cannot be used solely for refinancing purposes. Finally, for the purposes of clarity a ‘project’ consists of the redevelopment site. The redevelopment site may include adjacent municipal addresses.”

38. That Part C Appendices, Appendix A Section 8.1.3 Eligibility Requirements be amended by adding at the end of prefix a) “(Program is not retroactive).
39. That Part C Appendices, Appendix A Section 8.1.3 Eligibility Requirements be amended by deleting “\$25,000” figure from prefix i) and replace with figure “\$35,000”.
40. That Part C Appendices, Appendix A Section 8.1.3 Eligibility Requirements be amended by adding “Since July 1, 2011.” at the end of prefix i).
41. That Part C Appendices, Appendix A Section 8.1.3 Eligibility Requirements be amended by adding the following prefix’s:
  - l) Eligible costs to cover Designated Substances and Hazardous Material Survey and Industrial/Office Reuse Feasibility Study and their removal and abatement in the Older Industrial Area.
  - m) Eligible costs to cover Designated Substances and Hazardous Material Survey and their removal and abatement applicable to current/closed Institutional uses across the CIPA.
  - n) Eligible costs to cover Designated Substances and Hazardous Material Survey and their removal and abatement applicable to designated Heritage Buildings (properties designated under Part IV or V of the Ontario Heritage Act) across the CIPA.
  - o) All environmental studies must be prepared to meet latest O. Regulation 153/04 standards.
  - p) The applicant must provide a phase one ESA for all properties within the redevelopment site.”
42. That Part C Appendices, Appendix A Section 8.1.4 Administration be amended by adding follow on wording from the end of the last sentence in the first paragraph, stating:
 

“and a letter of intent and preliminary development plans for intended development. It should be noted that two quotes should be provided for the proposed study work.”
43. That Part C Appendices, Appendix A Section 8.1.4 Administration be amended by adding final paragraph which states:
 

“ESG approval (except Risk Assessments) will be revoked if study work not completed within 2 calendar years from date of initial approval.”
44. That Part C Appendices, Appendix B Section 8.2 ERASE Redevelopment Grant Program (RGP) be amended by deleting the acronym “(RGP)” and replace with “(ERG)” and that this be repeated for the remainder of the Appendix.
45. That Part C Appendices, Appendix B Section 8.2.2 Program Description be amended by deleting the word “incremental” from the fourth sentence of the first paragraph and replacing with:
 

“first full year of newly assessed”

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46. That Part C Appendices, Appendix B Section 8.2.2 Program Description be amended by deleting the words “rehabilitating the land and building” and replacing with the following:

“remediation as outlined in the Remedial Action Plan.”

47. That Part C Appendices, Appendix B Section 8.2.2 Program Description be amended by deleting the word “after” from prefix b) and replaced with the words “up to”.

48. That Part C Appendices, Appendix B Section 8.2.2 Program Description be amended by adding the following words to the end of the first sentence of paragraph 9 after the word “project”:

“and receipt of an RSC.”

49. That Part C Appendices, Appendix B Section 8.2.2 Program Description be amended by adding the following paragraph to the end of the section:

“It should be noted that peer reviewed risk assessments are to be permitted in situations where a RSC is not required by the MOECCC (i.e. not moving to a more sensitive land use). Finally, for the purposes of clarity a ‘project’ consists of the redevelopment site. The redevelopment site may include adjacent municipal addresses.”

50. That Part C Appendices, Appendix B Section 8.2.3 Eligibility Requirements be amended by adding the following to the end of prefix a) “(Program is not retroactive);”

51. That Part C Appendices, Appendix B Section 8.2.3 Eligibility Requirements be amended by deleting the existing prefix g) i) and replaced with the following wording:

“i) environmental remediation, i.e., the cost of any action taken to reduce the concentration of contaminants on, in or under the eligible property to permit a record of site condition (RSC) to be filed for the proposed use by a qualified person, including costs of preparing and filing of an RSC and CPU, cost of clean fill, grading and compaction to replace contaminated soils;

52. That Part C Appendices, Appendix B Section 8.2.3 Eligibility Requirements be amended by adding the following prefix’s to prefix g):

“ix) Eligible costs to cover Designated Substances and Hazardous Material Survey and Industrial/Office Reuse Feasibility Study and their removal and abatement in the Older Industrial Area;

x) Eligible costs to cover Designated Substances and Hazardous Material Survey and their removal and abatement applicable to current/closed Institutional uses across the CIPA;

xi) Eligible costs to cover Designated Substances and Hazardous Material Survey and their removal and abatement applicable to the rehabilitation and restoration of designated Heritage Buildings (properties designated under Part IV or V of the Ontario Heritage Act) across the CIPA.”

53. That Part C Appendices, Appendix B Section 8.2.3 Eligibility Requirements be amended by deleting the following words from prefix h) “total cost of rehabilitating the land and buildings” and replacing with “total approved cost of remediation.”

54. That Part C Appendices, Appendix B Section 8.2.3 Eligibility Requirements be amended by adding the following words to the end of prefix l):

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“RSC to conform to latest O. regulation 153/04 standards.”

55. That Part C Appendix B, Section 8.2.3 Eligibility Requirements be amended by adding a new prefix stating:

“q) No grant subsidy to be paid out until the project is completed. Alternatively, subject to written approval by the Director of Economic Development, a % of payment may be provided for phased development based on the number of phases complete.

56. That Part C Appendices, Appendix B Section 8.2.3 Eligibility Requirements be amended by adding the following to the final paragraph of the Section:

“80% of the City tax increment will be reimbursed to the property owner in the form of a grant, while the remaining 20% of the tax increment will be dedicated to the ERASE MAPP (See Section 8.5).”

57. That Part C Appendices, Appendix C Section 8.3.2 Program Description be amended by deleting the words “of approximately” from the first sentence of paragraph 3 and replacing with the words “up to”.

58. That Part C Appendices, Appendix C Section 8.3.2 Program Description be amended by adding the following to the end of the 5<sup>th</sup> paragraph “and the Minister of Finance (if applicable)”.

59. That Part C Appendices, Appendix C Section 8.3.3 Eligibility Requirements be amended by deleting the existing prefix g) i) and replaced with the following wording:

“i) environmental remediation, i.e., the cost of any action taken to reduce the concentration of contaminants on, in or under the eligible property to permit a record of site condition (RSC) to be filed for the proposed use by a qualified person, including costs of preparing and filing of an RSC and CPU, cost of clean fill, grading and compaction to replace contaminated soils;

60. That Part C Appendices, Appendix C Section 8.3.3 Eligibility Requirements be amended by adding an additional eligible program cost to the prefix g) such that it reads:

“v) Environmental Insurance Premiums.”

61. That Part C Appendices, Appendix D Section 8.4 be amended by deleting the word ‘Pilot’.

62. That Part C Appendices, Appendix D Section 8.4.2 Program Description be amended by adding the words “(at applicants cost)” to the end of the 6<sup>th</sup> paragraph which starts with the words “Actual costs”.

63. That Part C Appendices, Appendix D Section 8.4.2 Program Description be amended by deleting paragraph 16 which starts with the words “Interest on the principal” in its entirety.

64. That Part C Appendices, Appendix D Section 8.4.2 Program Description be amended by deleting paragraph 17 and 18 and replacing with the following:

“That the interest rate for the Loan Program be 0% and the loan repayment period be a maximum 5 years”.

**Appendix “A” to Report PED18030**  
**Page 14 of 16**

65. That Part C Appendices, Appendix D Section 8.4.2 Program Description be amended by deleting the following words from the end of paragraph 21: “together with interest accrued to date”.
66. That Part C Appendices, Appendix D Section 8.4.3 Eligibility Requirements be amended by deleting any reference to the “remedial work plans” and replacing with the words “remedial action plan”.
67. That Part C Appendices, Appendix D Section 8.4.4 Administration be amended by deleting the words “Downtown and Community” from the first sentence and replaced with the word “Urban”.
68. That Part C Appendices, Appendix D Section 8.4.4 Administration be amended by deleting paragraph 8 which starts “An application fee” and paragraph 11 which start “The program is being” in their entirety.
69. That Part C Appendices, Appendix G Section 9.1 Purpose be amended by adding a new third paragraph that states:

“It is recommended that the Development Charge demolition credit for Older Industrial Area sites with approved ERG applications be extended to 10 years”.

70. That Part C Appendices, Appendix G Section 9.2 Program Description be amended by deleting paragraph 4 which starts “The DCR program” in its entirety.
71. That Part C Appendices, Appendix G Section 9.3 Eligibility Requirements be amended by deleting the superfluous “,” within prefix a) vii) c).
72. That Part C Appendices, Appendix G Section 9.3 Eligibility Requirements be amended by deleting the existing prefix a) i) and replaced with the following wording:

“i) environmental remediation, i.e., the cost of any action taken to reduce the concentration of contaminants on, in or under the eligible property to permit a record of site condition (RSC) to be filed for the proposed use by a qualified person, including costs of preparing and filing of an RSC and CPU, cost of clean fill, grading and compaction to replace contaminated soils;

73. That Following Appendix I a new “Appendix J” be inserted detailing the ERASE Community Improvement Project Area (2018) and that the subsequent appendices be renumbered accordingly.
74. That current “Appendix J” be amended by adding the following information at the end of the Section:

“Urban Hamilton Official Plan

The City of Hamilton Urban Official Plan has numerous policies directed towards achieving an efficient, well planned and supportive approach to landuse planning. With particular regard to the development and redevelopment of brownfield Sites the following policies, amongst others, are applicable:

**Policy 3.1.5**      There are many complex and interconnected reasons for promoting and implementing brownfield *redevelopment*. There are significant and immediate economic, environmental and social benefits from regenerating these "legacy" properties. The City, in addition to other economic development objectives, shall pursue

**Appendix “A” to Report PED18030**  
**Page 15 of 16**

the *redevelopment* of brownfield sites and promote opportunities for employment and *residential intensification* by:

- a) continuing to liaise with other levels of government, agencies, and the private sector to endorse and amend existing legislation, regulations and standards, including the addressing of liability issues for land owners;
- b) undertaking studies to identify priority brownfield sites for *redevelopment*;
- c) providing the necessary financial assistance to developers and landowners to make the *redevelopment* of brownfield sites a viable option; and,
- d) ensure a wide variety of investment opportunities are available throughout the City and provide potential employment users with a range of alternative sites of various size in a variety of locations throughout the City.”

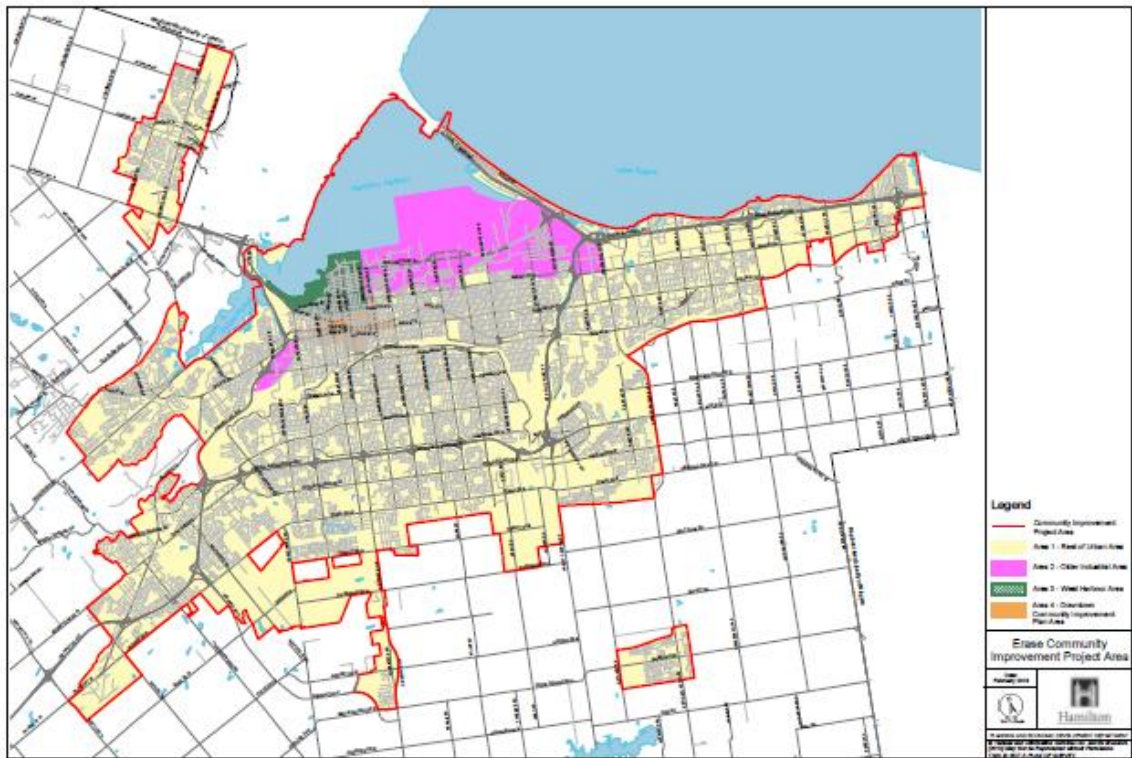
75) That current “Appendix L” – Downtwon Hamilton Community Improvement Project Area Boundary be amended by adding the latest map of the downtown CIPA.



Appendix "A" to Report PED18030  
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Schedules

2018 ERASE CIP Map





# ERASE<sup>∞</sup> 2018 COMMUNITY IMPROVEMENT PLAN (CIP)

ENVIRONMENTAL REMEDIATION AND SITE ENHANCEMENT

## REVIEW OF CITY OF HAMILTON ERASE CIP INCENTIVE PROGRAMS



**CITY OF HAMILTON**  
**PLANNING AND ECONOMIC DEVELOPMENT DEPARTMENT**  
 Economic Development Division

|                           |                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>TO:</b>                | Mayor and Members<br>General Issues Committee                                                                                     |
| <b>COMMITTEE DATE:</b>    | February 21, 2018                                                                                                                 |
| <b>SUBJECT/REPORT NO:</b> | Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) ( City Wide) |
| <b>WARD(S) AFFECTED:</b>  | City Wide                                                                                                                         |
| <b>PREPARED BY:</b>       | Edward John (905) 546-2424 Ext. 2359                                                                                              |
| <b>SUBMITTED BY:</b>      | Glen Norton<br>Director, Economic Development<br>Planning and Economic Development Department                                     |
| <b>SIGNATURE:</b>         |                                                                                                                                   |

### RECOMMENDATION

- (a) That Report PED18030 respecting the proposed amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) be received;
- (b) That staff be directed to bring forward to Planning Committee for a statutory public meeting in accordance with Section 17 (15) (d) of the *Planning Act*, the following recommended revisions to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP);
  - (i) That the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Project Area as set out in Report PED18030, and that the By-law attached to Report PED18030 to amend the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Project Area as Appendix "A" be enacted;
  - (ii) That the City's maximum contribution as part of the Environmental Remediation and Site Enhancement (ERASE) Study Grant Program be increased from \$25K to \$35K for two studies per property / project be approved;

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**SUBJECT: Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) (City Wide) - Page 2 of 17**

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- (iii) That the Environmental Remediation and Site Enhancement (ERASE) Study Grant Program date for maximum of two studies per property be reset to July 1, 2011;
- (iv) That additional administrative requirements regarding submission and enactment of Environmental Remediation and Site Enhancement (ERASE) Study Grant applications be approved;
- (v) That additional eligible costs be added to the Environmental Remediation and Site Enhancement (ERASE) Study Grant and Redevelopment Grant Program to cover Designated Substances and Hazardous Material Survey and Industrial / Office Reuse Feasibility Study and their removal and abatement in the Older Industrial Area be approved;
- (vi) That additional eligible costs be added to the Environmental Remediation and Site Enhancement (ERASE) Study Grant and Redevelopment Grant Program to cover Designated Substances and Hazardous Material Survey and their removal and abatement applicable to current / closed Institutional uses as an eligible cost across the Community Improvement Project Area (CIPA) be approved;
- (vii) That additional eligible costs be added to the Environmental Remediation and Site Enhancement (ERASE) Study Grant and Environmental Remediation and Site Enhancement (ERASE) Redevelopment Grant Program to cover Designated Substances and Hazardous Material Survey and their removal and abatement applicable to designated Heritage Buildings as an eligible cost across the Community Improvement Project Area (CIPA) be approved;
- (viii) That staff be authorized to implement and administer the Environmental Remediation and Site Enhancement (ERASE) Redevelopment Grant Program including the additional eligible costs once the amendment has come into force and effect;
- (ix) That the Environmental Remediation and Site Enhancement (ERASE) Tax Assistance Program includes Environmental Insurance Premiums as an eligible cost be approved;
- (x) That the interest rate for the Downtown Hamilton / West Harbourfront Remediation Loan Program (RLP) be decreased from prime minus 1% to 0% and the loan repayment period be reduced from ten years to five years be approved;

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- (xi) That the Community Improvement Plan (CIP) titled Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (October 2017) as amended and attached as Appendix “B” to Report PED18030 be approved;
- (xii) That any changes to the program description and terms be by way of Council resolution.

## **EXECUTIVE SUMMARY**

Every successful economic development program / process must be dynamic in nature and possess the ability to change in order to accommodate revisions to policy; trends in the market; and to satisfy the needs of the end user of the program; while simultaneously delivering on the expectations of Council. The purpose of this Report is to present the proposed amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) intended to ensure its on-going relevance and responsiveness. These amendments include, but are not limited to the following:

- Increasing the City’s maximum contribution as part of the ERASE Study Grant (ESG) Program for two studies from \$25K to \$35K;
- Inclusion of additional eligible costs to the ESG and ERASE Redevelopment Grant (ERG) Program to include the study, removal and abatement of Designated Substances and Hazardous Material (DSHM) from the older industrial area, institutional buildings and designated heritage buildings;
- Enhance requirements for applicants to demonstrate intention to redevelop a brownfield site (letter of intent and preliminary development plan);
- Enhance marketing of ESG and ERG Program to Older Industrial Area;
- Increase Development Charge demolition credit for Older Industrial Area sites with approved ERG applications from five to ten years;
- Commence using current ability to conduct spot and random audits of eligible expenses on ERG projects;
- Clarify that the cost of environmental remediation also includes cost of clean fill, grading and compaction to replace contaminated soils, and cost of filing a Record of Site Condition (RSC) and a Certificate of Property Use (CPU); and,
- Downtown Hamilton / West Harbourfront Remediation Loan Pilot Program (RLP) interest rate be decreased from prime minus 1% to 0% and the loan repayment period be reduced from ten years to five years and add environmental insurance premiums as an eligible cost.

A more detailed discussion of the specific amendments is provided in the Analysis / Rationale for Recommendations Section of this Report.

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***Alternatives for Consideration – N/A***

**FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

**Financial:** Currently, there are funds available in Brownfields ERASE Environmental Study Capital Project ID 3621708002 to fund the increase in the City's maximum contribution to the ERASE Study Grant Program. There will be no upfront or capital budget impacts by adding in further eligible costs to the ERASE Redevelopment Grant Program.

**Staffing:** Administration of the amendments proposed to the ERASE CIP can be accommodated by staff in the Economic Development and Real Estate Division.

**Legal:** Subsection 28 (7) of *The Planning Act* permits municipality in accordance with a Community Improvement Plan, to make loans and grants which would otherwise be prohibited under Sub-section 106(2) of *The Municipal Act*, to the registered owners, assessed owners, tenants, or their respective assignees, of lands and buildings within the designated Community Improvement Project Areas.

**HISTORICAL BACKGROUND**

The formal approval of the ERASE Community Improvement Plan in April of 2001 represented an important step in the delivery of a program promoting environmental remediation, community rehabilitation and redevelopment. The expansion of the ERASE Community Improvement Project Area to the full limits of the urban area within the City and the enhancements of the programs contained within in April 2005 also represented an equally important step forward in delivering financial incentive programs directed at brownfield redevelopment across the urban area of the City. Both of these milestones have contributed to Hamilton's reputation as being a municipal leader in terms of brownfield redevelopment in Canada.

The Planning and Economic Development Committee in March 2, 2010 further sought to expand the Hamilton LEEDing the Way Community Improvement Project Area to the full limits of the urban area as well as include mixed-use and multi-unit residential developments and redevelopments as additional eligible projects under the LEED Grant Program.

In 2014 a further update was approved providing administrative amendments to the programmable components of the RGP, Downtown Hamilton / West Harbourfront Remediation Loan Program and TAP programs.

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**SUBJECT: Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) (City Wide) - Page 5 of 17**

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This Report seeks to build on the continuous improvement of the ERASE CIP Program in order to ensure the program remains responsive and relevant with regard to the re-development of brownfields within Hamilton. The Report represents one of the most comprehensive reviews completed to date regarding the effectiveness and applicability of the program.

Since the ERASE CIP was approved, approximately 145 property owners and potential property owners (121 sites) have been approved for Environmental Study Grants. A number of these studies have led to brownfield sites being redeveloped. A total of 47 projects have been approved by City Council for ERASE Redevelopment Grants. As noted within the RCI Consulting Report (2017), while greater uptake in the ERG process is desirable, it still represents excellent value for the ESG program in terms of the cost per acre of land studied and the cost per application. It has been identified that more restrictive environmental study and remediation standards are likely to explain such differences between the two processes, and that in general, subject to administrative changes recommended within this Report studies conducted under the ESG program have been effective in leading to ERG applications and brownfield redevelopment projects. These projects once complete will result in:

- Over 380 Acres of land studied;
- Total assessment increase due to ERG in excess of \$129,029,379;
- Every \$1 contributed by the City has generated \$11.10 in private sector construction; and,
- Remediation and redevelopment approved of approximately 210 acres of brownfield land with 123 acres (59% of approved land area) remediated to date.

In its 16 years, the ERASE CIP has proven to be very successful in providing the financial tools needed to promote the remediation and redevelopment of brownfield sites. There is consistent support for the expansion of programming and updating of policy in order to meet the significant challenges associated with brownfield redevelopment.

In order to achieve this, the City of Hamilton retained Dillon Consulting and RCI Consulting to prepare the Bayfront Industrial Area Renewal Strategy. Part of the study was to review the City's ERASE Programs, including recommendations for program updates.

As part of the review, RCI Consulting assessed historical program uptake; City Wide economic impacts; administrative and program issues; and, best practices in several other municipalities. The subsequent Report (See Appendix "B") provides the basis and rationale for the proposed amendments and updates to the existing program. These are reviewed in detail within this Report.

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**POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

**Provincial Policy Statement (2014)**

The Provincial Policy Statement (PPS) is issued under Section 3 of the *Planning Act* and is intended to guide municipalities as they make planning decisions. The *Planning Act* requires that municipal decisions with respect to the exercise of any authority that affects a planning matter “shall be consistent with” the PPS.

The PPS supports the remediation and redevelopment of brownfield sites. For example, Section 1.7.1 e) of the PPS states that “long-term economic prosperity should be supported by promoting the redevelopment of brownfield sites”. Brownfields are defined in the PPS as “undeveloped or previously developed properties that may be contaminated. They are usually, but not exclusively, former industrial or commercial properties that may be underutilized, derelict or vacant”.

The PPS also supports Smart Growth through urban growth management. For example, Section 1.1.3.3 of the PPS states “planning authorities shall identify and promote opportunities for intensification and redevelopment where this can be accommodated taking into account existing building stock or areas, including brownfield sites, and the availability of suitable existing or planned infrastructure and public service facilities required to accommodate projected needs”. Therefore, the PPS supports brownfield redevelopment as a way to achieve the goal of promoting intensification and redevelopment. Other policies in the PPS (Sections 1.1.1 a), 1.1.1 h) and 1.6.3) support the management of growth to achieve efficient development and land use patterns which sustain the financial well-being of the Province and municipalities over the long term. The redevelopment of brownfields has a role to play in this regard.

Growth Plan of the Greater Golden Horseshoe (GGH), 2017

The Growth Plan envisages increasing intensification of the existing built-up area, with a focus on urban growth centres, intensification corridors, major transit station areas, brownfield sites and greyfields. The ERASE Community Improvement Plan would contribute to the increased intensification in the built-up area.

The vision for the GGH is grounded in the following principles that provide the basis for guiding decisions on how land is developed; resources are managed and public dollars invested:

- Achieve complete communities that are designed to support healthy and active living;
- Prioritize intensification and higher densities to make efficient use of land and infrastructure and support transit viability;

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**SUBJECT: Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) (City Wide) - Page 7 of 17**

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- Provide flexibility to capitalize on new economic and employment opportunities as they emerge, while providing certainty for traditional industries, including resource-based sectors;
- Provide for different approaches to manage growth that recognize the diversity of communities in the GGH;
- Protect and enhance natural heritage, hydrologic, and landform systems, features, and functions;
- Conserve and promote cultural heritage resources to support the social, economic, and cultural well-being of all communities, including First Nations and Métis communities; and,
- Integrate climate change considerations into planning and managing growth such as planning for more resilient communities and infrastructure – that are adaptive to the impacts of a changing climate – and moving towards low-carbon communities, with the long-term goal of net-zero communities, by incorporating approaches to reduce greenhouse gas emissions.

Further, providing opportunities for businesses and residences to locate in the Greater Golden Horseshoe is fundamental to using land wisely and ensuring a prosperous economic future.

### Urban Hamilton Official Plan

The City of Hamilton Urban Official Plan has numerous policies directed towards achieving an efficient, well planned and supportive approach to land use planning with particular regard to the development and redevelopment of brownfield sites. The following policies, amongst others, are applicable:

- “Policy 3.1.5**      There are many complex and interconnected reasons for promoting and implementing brownfield *redevelopment*. There are significant and immediate economic, environmental and social benefits from regenerating these "legacy" properties. The City, in addition to other economic development objectives, shall pursue the *redevelopment* of brownfield sites and promote opportunities for employment and *residential intensification* by:
- a) continuing to liaise with other levels of government, agencies, and the private sector to endorse and amend existing legislation, regulations and standards, including the addressing of liability issues for land owners;
  - b) undertaking studies to identify priority brownfield sites for *redevelopment*;

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**SUBJECT: Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) (City Wide) - Page 8 of 17**

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- c) providing the necessary financial assistance to developers and landowners to make the *redevelopment* of brownfield sites a viable option; and,
- d) ensure a wide variety of investment opportunities are available throughout the City and provide potential employment users with a range of alternative sites of various size in a variety of locations throughout the City.”

The continuous review and improvement of the ERASE CIP will secure this policy intent, providing financial support in order to facilitate efficient development.

Economic Development Strategy 2010-2015

The Economic Development Strategy 2010-2015 identified the importance of the ERASE CIP and complimentary brownfield redevelopment initiatives. The Strategy determined that the ERASE CIP provided an economic tool that would help the City to accomplish its economic, environmental and social goals, across the entire urban area.

In particular, providing land to meet demand for employment and residential uses; increasing tax assessment and revenues in the long-run for the municipality and the Province; creating employment opportunities; utilizing existing infrastructure, resulting in a reduction of urban sprawl and its related costs; contributing toward the revitalization of particular areas and neighbourhoods; and, restoring the environment in these neighbourhoods, which will in turn, remove threats to the health of workers and residents.

With the various brownfield initiatives, brownfield redevelopment is a potentially powerful external driver that the City can and should use to help accomplish its economic and planning goals including reducing urban sprawl, urban intensification and infilling and reuse of existing infrastructure among many others.

Economic Development Action Plan 2016-2020

The updated Economic Development Action Plan 2016-2020 reaffirms the importance in removing barriers to development. In particular:

- Grow non-residential tax assessment and increase the number of living-wage jobs;
- Be the most diversified economy in Canada;
- Have the best workforce in Ontario;
- Support strategic investment in infrastructure;
- Have a thriving entrepreneurship and innovation; and,

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**SUBJECT: Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) (City Wide) - Page 9 of 17**

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- Have vibrant commercial and cultural districts and places.

It is considered that the ERASE CIP provides assistance both directly and indirectly in securing the goals of the Economic Development Action Plan.

## **RELEVANT CONSULTATION**

The following Divisions within the Corporation were consulted on the amendments to the ERASE CIP: Strategic Services and Special Projects – Planning and Economic Development Department; Legal Services – Corporate Services Department; Urban Renewal – Planning and Economic Development Department and, Finance (Taxation) – Corporate Services Department.

Public Open Houses outlining the proposed amendments to the ERASE CIP were held on May 29, 2017 at the David Braley Centre and on August 28, 2017 at 294 James Street North.

Also, a presentation was given to the Development Industry Liaison Group (DILG) on September 18, 2017. The comments received also contributed to the proposed amendments.

A summary of the responses from the public meetings are detailed below:

- Development charge reduction is a pivotal consideration in the pro-forma of any brownfield development;
- Although there remains greater confidence in brownfield redevelopment within financial institutions, financing brownfield redevelopment remains precarious;
- ERASE programs to date provide meaningful incentives to encourage brownfield remediation;
- Expansion of eligibility for studies to include DSHMS and allow grants to cover their removal / treatment. This is important particularly in older buildings – heritage and institutional; and,
- Flexibility in timing and application process would assist in the financing of larger projects.

Staff in the Business Development Section of the Economic Development Division were also consulted. The Business Development Section was a participant in the Public Open Houses described above as part of the ongoing monitoring and feedback on the Hamilton LEEDing the Way Community Improvement Plan (CIP) and LEED Grant Program (LGP). There are no proposed changes to LEED related eligible cost items in the ERASE Redevelopment Grant Program at this time.

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**ANALYSIS AND RATIONALE FOR RECOMMENDATION**

The amendments made to the ERASE CIP (March 2010) were aimed at further enhancing the financial incentives offered across the City and in specific areas. The Community Improvement plan currently contains the following major programs:

1. ERASE Study Grant Program (ESG);
2. ERASE Redevelopment Grant program (ERG);
3. ERASE Tax assistance Program (TAP);
4. ERASE Downtown Hamilton / West Harbourfront Remediation Loan Program (RLP);
5. ERASE Municipal Acquisition and Partnership Program (MAPP); and,
6. ERASE Marketing and Opportunities Program (MOP).

Programs 1 to 4 are directed at the private sector and are designed to encourage private sector investment and reinvestment, redevelopment, and construction activity in the Project Area. Program 5 is a municipal program of brownfield property acquisition, improvement and municipal participation in public-private partnerships to remediate and redevelop brownfield properties. Program 6 is a comprehensive program designed to:

- a) market the ERASE incentive programs to brownfield market makers such as developers, property owners, and real estate, environmental, planning and other support industries; and,
- b) market redevelopment opportunities to these key stakeholders.

Figure 1.1 summarises the current programs contained in this Community Improvement Plan, including a brief description of each program.

**Figure 1.1**

**PROGRAM / PROGRAM DESCRIPTION / DURATION**

**ERASE Study Grant Program (ESG)**

Grants for 50% of cost of Phase II environmental site assessments (ESAs), risk assessments and remedial work plans, up to \$20K per study and \$25K total per property / project. Five years from introduction.

**ERASE Redevelopment Grant Program (ERG)**

Grants to property owners who undertake redevelopment “pay-as-you-go” grants equal to 80% of increase in municipal portion of property taxes for up to ten years or until approved remediation costs are met. Ten years from introduction. Grants paid out for up to ten years.

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**SUBJECT: Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) (City Wide) - Page 11 of 17**

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**ERASE Tax Assistance Program (TAP)**

Tax assistance to a property in the form of a freeze or cancellation of part or all of the educational tax portion during the rehabilitation and development period. Ten years from introduction. Freeze or cancellation of part of the educational tax portion for up to three years.

**Downtown Hamilton / West Harbourfront Remediation Loan Pilot Program**

Loan to property owners who undertake remediation to facilitate residential and commercial redevelopment in the Downtown Hamilton and West Harbourfront areas. One year from introduction.

**ERASE Municipal Acquisition and Partnership Program (MAPP)**

Acquisition and redevelopment of key strategic properties by City. Partnership in public / private sector remediation and redevelopment initiatives. Concurrent with the RGP (8.2).

**ERASE Marketing and Opportunities Program (MOP)**

Marketing program to market the ERASE incentive programs and key redevelopment opportunities to the development and real estate industry.

One other program which does not actually form part of this Plan is the Development Charges Reduction (DCR) Program, which provides a reduction of development charges payable on contaminated sites that are remediated and redeveloped.

As any changes to the Development Charges By-law is outside the scope of the *Planning Act*, the DCR Program has only been referenced, and not included in this Plan.

**Successes to Date**

As detailed within this Report, the current review represents one of the most comprehensive reviews of the CIP since inception in 2001. As detailed in Appendix "A" of the Consultant's Report, significant successes have been realised and quantitatively demonstrated as a result of the current CIP between 2001 and 2016.

These are as follows:

- ERASE study grant has resulted in 382.0 acres being environmentally studied with a cost to the City of Hamilton per acre being \$3,677.39 which represents excellent value;
- ERASE redevelopment grant resulted in 213 acres to be remediated and redeveloped (123 acres remediated to date);
- Every \$1 the City has contributed toward completed ERG projects has generated approximately \$11.10 in private sector construction; and,

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**SUBJECT: Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) (City Wide) - Page 12 of 17**

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- \$3.13M increase in property tax directly attributed to remediation and redevelopment works undertaken with the support of the ERG program.

**Opportunities for Improvement**

Following in depth review of the program since the 2010 updates, a number of issues and potential opportunities were identified:

- ESG applications lagging in the system - approx. \$500K (30 applications) approved from 2001 to 2014 have yet to complete and submit study – over 25% of applications;
- Insufficient ESG applications proceeding to ERG - ESG applications outnumber ERG applications 2.5 to 1;
- Interest in ESG applications in Older Industrial Area has declined - only 10% of ESG applications in last three years located in Older Industrial Area .vs. 29% from 2001 to 2013;
- Opportunity to expand eligible study types (DSHMS and feasibility studies) in Older Industrial Area and DSHMS for former Institutional uses and Heritage Buildings; and,
- Ability to increase program awareness.

In order to address these, RCI Consulting has identified a number of proposed amendments and updates to the existing program. These are discussed as follows:

**ESG Program**

The City of Hamilton is one of only a few municipalities that have increased its maximum environmental study grant amount, from \$10K in 2001, to \$15K in 2005, to the current \$20K in 2010. While Hamilton's maximum single grant amount is higher than most other municipalities, Hamilton's maximum grant amount for two studies (\$25K) is similar to most of the other municipalities in Ontario, and actually less than Guelph and Waterloo. This could prove limiting where an applicant wishes to conduct multiple environmental studies on a site, e.g., Phase II ESA and a Risk Assessment (RA), and this is quite often the case. On this basis, it was considered appropriate to increase maximum grant for two studies from \$25K to \$35K.

As raised within the stakeholder and public meetings, the ability to increase the eligibility of the ESG to cover DSHMS would provide a meaningful response to many issues arising out of adaptively re-using older buildings particularly Heritage properties, whereby demolition options are limited or constrained and redevelopment costs are significantly increased. In reviewing this, staff concurred and also identified the opportunity to include former institutional buildings, given the rising number of former schools and similar buildings being considered for redevelopment.

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In order to ensure the grant is responsive to legislative changes that were introduced in July 2011, (which included additional improvements to the standards and other policy clarifications) the maximum of two studies per site will be based on studies conducted after July 1, 2011, as such, studies completed prior to 2011 will no longer be used to tally the two study maximum per project / property.

A number of marketing and administrative changes are also recommended to ensure awareness of the incentives are increased, that there is a legitimate intent to develop the property, and to encourage development to proceed from the date of study in a timely fashion.

### **ESG Program Recommendations**

1. Increase max. grant for two studies from \$25K to \$35K;
2. Reset date for maximum of two studies per project to July 1, 2011 (date new ESA requirements came into effect);
3. Add cost of "DSHMS and Industrial / Office Reuse Feasibility Study" as an eligible cost in the Older Industrial Area only;
4. Add cost of "DSHMS for current / closed Institutional uses" and "Heritage Buildings" as an eligible cost across the CIPA;
5. Enhance requirement for applicants to demonstrate legitimate intention to redevelop a brownfield site (letter of intent and preliminary development plan);
6. If approved ESG application outstanding more than two years, the study (except RA) must be submitted within six months;
7. If approved ESG application outstanding less than two years, the study (except ESA) must be submitted within two years of ESG approval;
8. For new ESG applications, all studies except RA must be submitted within two years of approval; and,
9. Enhance marketing of ESG Program to Older Industrial Area.

### **ERG Program**

While the ERG Program has produced brownfield redevelopment activity on most (24 of 38) approved application sites, there are concerns with the progress on a number of the 13 ERG applications that have been approved but have not yet been remediated, especially since these 13 applications represent approximately 87 acres or 41% of the ERG approved land area.

In reviewing this matter it would appear that a number of these 13 sites have not yet been able to achieve remediation and a Ministry of the Environment (MOE) acknowledged RSC. A few of these 13 sites have experienced lengthy delays in obtaining an RSC acknowledgement from the MOE, but are now close to obtaining an acknowledged RSC, and it is expected that once these applicants have an MOE acknowledged RSC in hand, redevelopment of these sites will take place quickly.

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On this basis it is recommended that a number of enhancements to the existing program be recommended. In particular, as previously mentioned, the introduction of DSHM as an eligible cost is considered to provide a meaningful and important incentive, particularly in the redevelopment of former institutional and the rehabilitation and restoration of existing Heritage buildings.

With regard to encouraging greater uptake in ERG's within the older industrial area, it is proposed that these sites would become more attractive by sheltering the older industrial area from the reductions to the Tax Increment Grant (TIG) and costs eligible for Development Charges reduction that are being proposed for the Rest of the Urban Area.

### **ERG Program Recommendations**

1. Enhancements to ERG Program in Older Industrial Area include:
  - a. Add "removal / abatement of DSHM" as a stand-alone eligible cost (for the TIG only);
  - b. Increase the demolition charge demolition credit for brownfield sites with approved ERG applications from five to ten years; and,
  - c. Enhance marketing of ERG Program to existing and potential businesses.
2. Add "removal / abatement of DSHM" as a stand-alone eligible cost (for the TIG only) for current / closed institutional uses and the rehabilitation and restoration of Heritage properties across the CIPA.
3. Follow up on 13 approved ERG applications where remediation / RSC is not completed and close applications where redevelopment plans have been abandoned and / or current owner is no longer interested.
4. Commence using current ability to conduct spot and random audits of eligible expenses on ERG projects.
5. Follow up on future ERG approved projects to track project starts.

### **TAP Program**

As in most other Ontario municipalities that offer a tax assistance program that includes the Province's education component of property taxes on brownfield sites, the City of Hamilton's TAP has not received much interest since it was introduced in 2005. This finding is considered to be directly related to the complicated and time consuming process that the Province of Ontario has put in place for municipalities and applicants seeking to access the Province's education property tax assistance for brownfield redevelopment projects. Notwithstanding that this difficulty is likely to remain in place, a number of minor enhancements to the City's ERASE TAP are recommended.

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**SUBJECT: Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) (City Wide) - Page 15 of 17**

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### **TAP Program Recommendations**

1. Clarify that the cost of environmental remediation also includes “cost of clean fill, grading and compaction to replace contaminated soils, and cost of filing an RSC and CPU”, and,
2. Add “environmental insurance premiums” as an eligible cost.

### **Loan Program**

While the RLP Program has also only seen modest up-take to date in the seven years that it has been in place, it remains an innovative program that provides the approved applicant with the option to repay the loan using the assignment of grant payments under the ERG Program. This allows the RLP to act as bridge financing until the annual ERG payments can be used to start repaying the RLP. In the event that the full ten-year grant amount is not sufficient to repay the loan in its entirety, supplemental payments from the applicant are required. The annual interest rate on the loan is 1% below the prime rate as established by the Royal Bank of Canada. This rate is established at the time the first instalment of the loan is advanced by the City and reset annually on the anniversary date of the first advance.

Based on the \$400K program cap on the loan amount, the greatest benefit of the program is likely in promoting smaller brownfield redevelopment projects in the Downtown Hamilton and the West Harbourfront Area. As such, the Report compiled by RCI recommends the City retain this program in the short to medium term. It is not clear that this program will prove necessary in the long-term based on the large scale of development (including brownfield redevelopment) being witnessed and planned for in Downtown Hamilton, and especially in the West Harbourfront Area.

Increases in demand and market value in Downtown Hamilton, and eventually in the West Harbourfront Area, combined with the other ERASE Incentive Programs and the Downtown Incentive Programs available from the City of Hamilton, may be sufficient to spur most brownfield redevelopment projects in both Downtown Hamilton and the West Harbourfront Area. It is considered that the \$400K cap on the program essentially restricted the program only to the smaller brownfield redevelopment projects in the Downtown and the West Harbour Area.

Finally, it was identified that the ERASE RLP Program has an interest rate of 1% below prime and an amortization period of ten years, while the Downtown RLP Program has a 0% interest rate and an amortization period of five years. Staff considers that ten years is a long time for the City to have a RLP outstanding and that the amortization period of the ERASE RLP Program should be reduced. Therefore, in order to bring the two programs into line, it was determined that the ERASE Loan Program should adopt the Downtown RLP Program structure, i.e., 0% interest rate and a five-year amortization

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**SUBJECT: Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) (City Wide) - Page 16 of 17**

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period. This will also make the administration of both programs more consistent and easier.

### **Loan Program Recommendations**

1. Decrease interest rate from (prime minus 1%) to 0%; and,
2. Reduce loan repayment period using TIG from ten years to five years.

### **Monitoring**

A number of general administrative items will enter into general program overview to ensure the success of each individual program as well as to ensure maximum benefit and success can be achieved with the resources allocated.

### **Monitoring Recommendations**

1. Check completeness of applications ensuring all requested data, and monitoring variable estimates are provided; and,
2. Conduct follow-up tracking on completed ERG applications to record actual monitoring variable values (grant amount, residential units constructed, industrial / commercial space constructed, jobs, construction value, assessment value, property taxes, etc).

### **Conclusion**

It is considered that based on the in-depth review conducted by RCI Consulting, attached as Appendix “B” to Report PED18030, and from the information and comments received from the Industry and Environmental stakeholders, the proposed changes to the existing ERASE CIP (2010) are appropriate and continue to ensure the City of Hamilton is a leader in the pursuit of brownfield remediation.

### **ALTERNATIVES FOR CONSIDERATION**

Not Applicable

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

#### **Community Engagement & Participation**

*Hamilton has an open, transparent and accessible approach to City government that engages with and empowers all citizens to be involved in their community.*

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

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

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**SUBJECT: Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP) (PED18030) (City Wide) - Page 17 of 17**

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**Culture and Diversity**

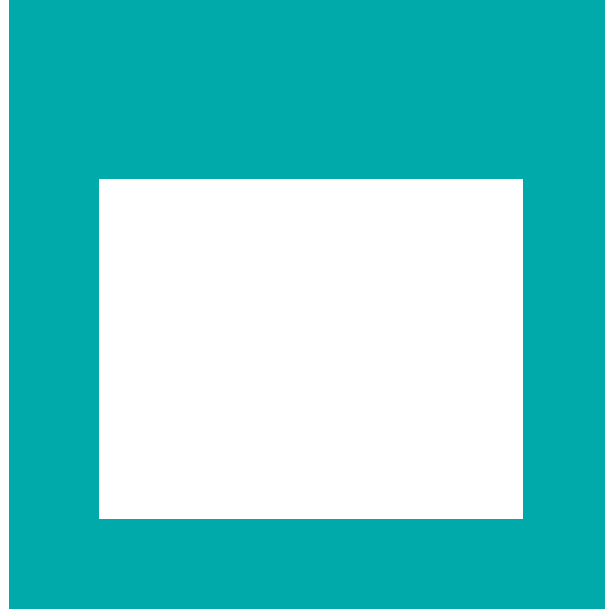
*Hamilton is a thriving, vibrant place for arts, culture, and heritage where diversity and inclusivity are embraced and celebrated.*

**APPENDICES AND SCHEDULES ATTACHED**

Appendix "A" to Report PED18030 - Policy Amendment By-law

Appendix "B" to Report PED18030 - Consultants Report

**EJ:dt**



# Amendments to the Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan (CIP)

February 2018

## BACKGROUND

City of Hamilton retained a consulting team to prepare the Bayfront Industrial Area Renewal Strategy, including a focused Review of ERASE Programs urban area-wide.

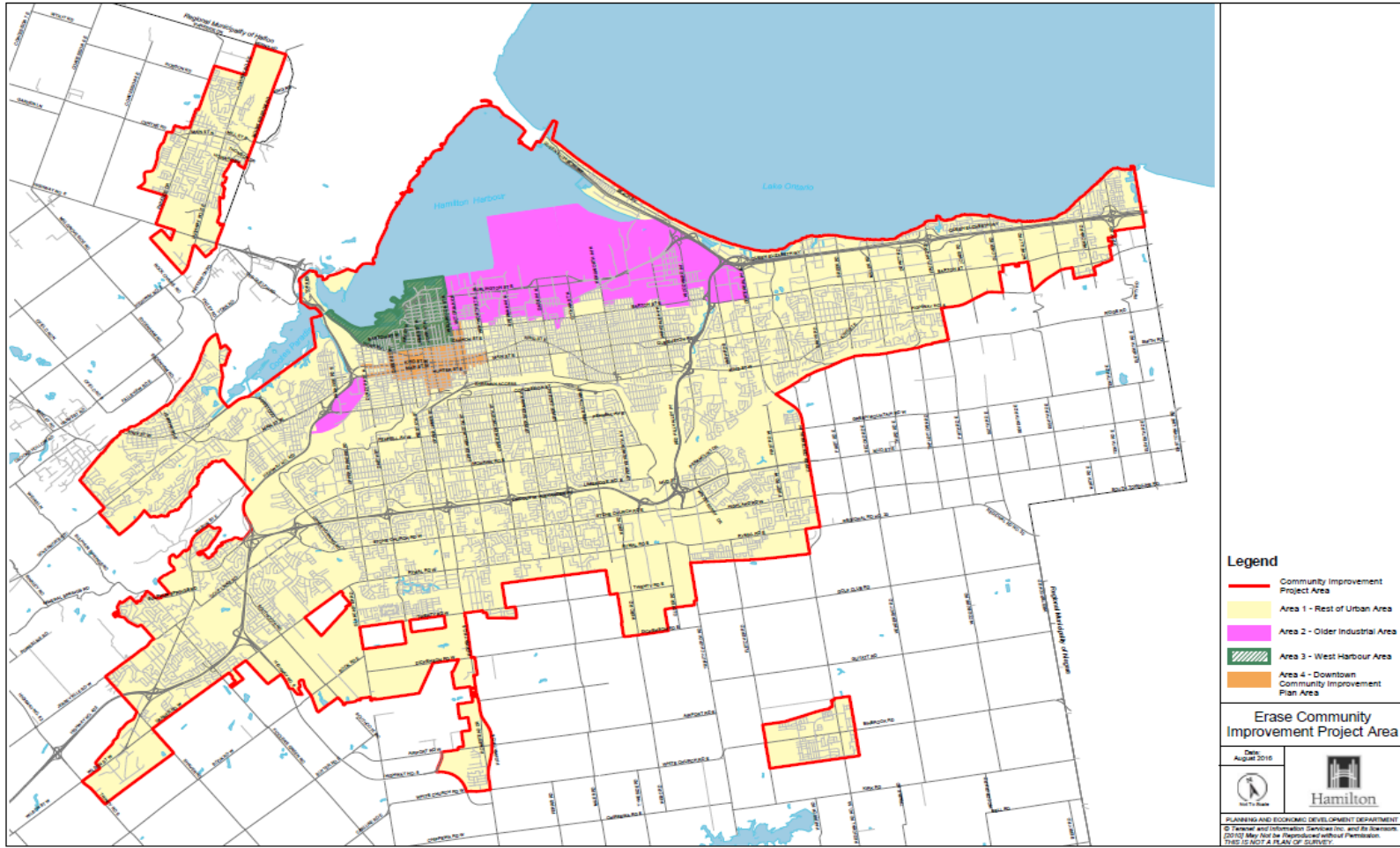
The review of the ERASE Programs includes recommendations for program updates.

We reviewed the following:

- Historical Program Uptake;
- Economic Impacts;
- Administrative and Program Issues; and,
- Best Practices in several other municipalities.

- Original ERASE CIP approved in 2001 (Older Ind. Area)
- First Brownfield CIP in Canada.
- Recognized as a municipal best practices leader
- Reviewed and updated in 2005 and 2010.
- 2005 – Expanded to West Harbour and Rest of Urban Area
- 2010 – Added Downtown Area
- Current ERASE Programs
  - Study Grant Program
  - Tax Assistance Program
  - Redevelopment Grant Program (with DC Reduction)
  - Downtown/West Harbourfront Remediation Loan
  - Municipal Acquisition and Partnership Program

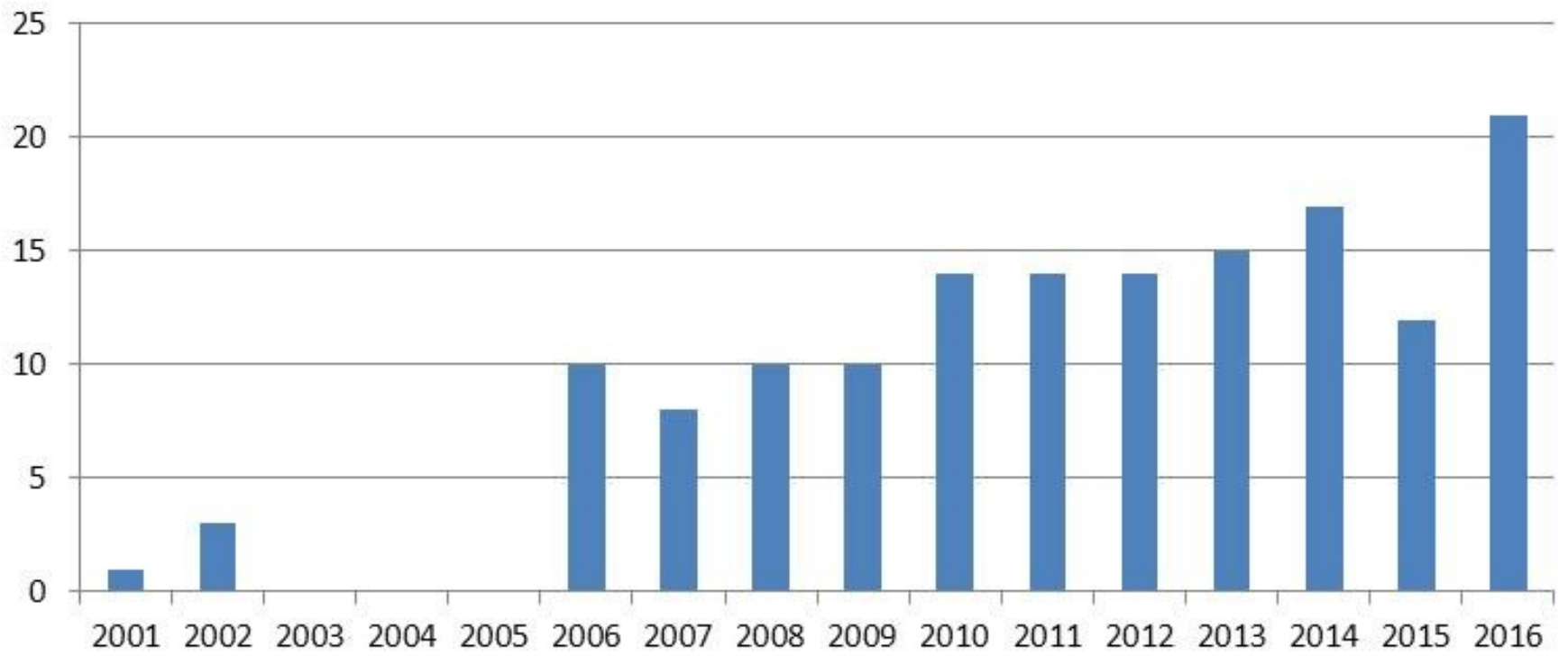
# UPDATING THE ERASE COMMUNITY IMPROVEMENT PLAN (CIP)



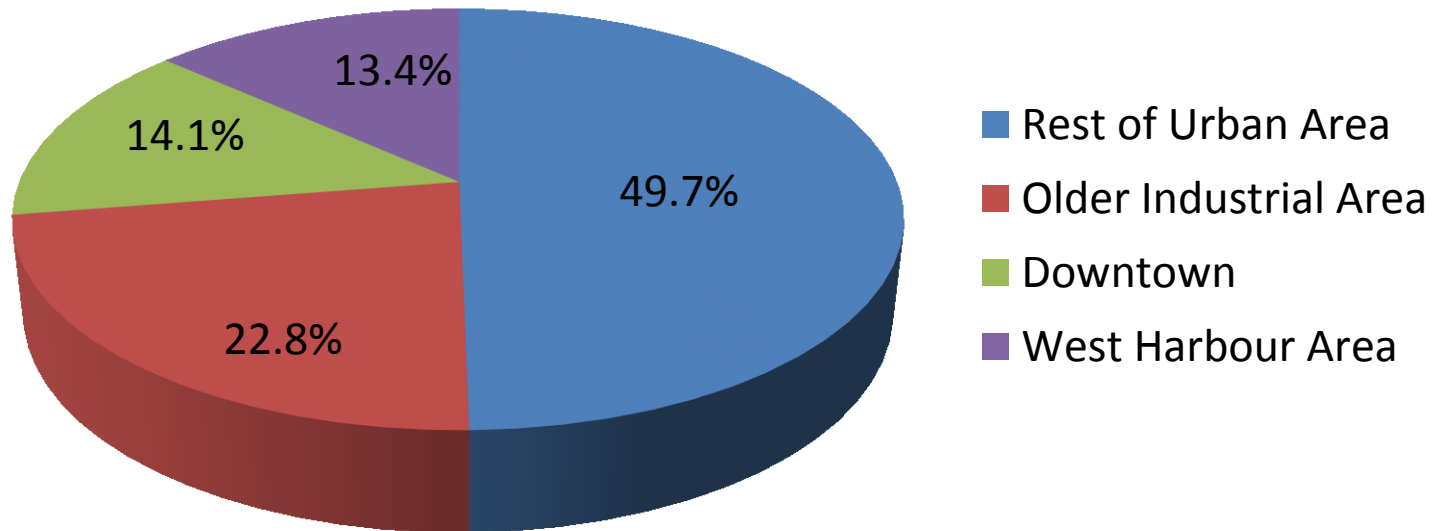
| Type of Program                                   | Municipality |          |        |          |          |                                                             |                                     |        |         |          |
|---------------------------------------------------|--------------|----------|--------|----------|----------|-------------------------------------------------------------|-------------------------------------|--------|---------|----------|
|                                                   | Brantford    | Cornwall | Guelph | Hamilton | Kingston | Kitchener,<br>Cambridge,<br>Waterloo/<br>Waterloo<br>Region | Niagara Falls/<br>Niagara<br>Region | Ottawa | Windsor | Edmonton |
| 1) Project Feasibility Study Grant                |              | X        |        |          |          |                                                             |                                     | X      | X       |          |
| 2) Environmental Study Grant                      |              | X        | X      | X        | X        | X                                                           | X                                   | X      | X       | X        |
| 3) Property Tax Assistance (Freeze/ Cancellation) | X            | X        | X      | X        | X        | X                                                           | X                                   | X      | X       |          |
| 4) Tax Increment Grant (TIG)                      | X            | X        | X      | X        | X        | X                                                           | X                                   | X      | X       | X        |
| 5) Development Charge Reduction                   | X            |          |        | X        |          | X                                                           | X                                   | X      | X       |          |
| 6) Remediation Loan                               |              |          |        | X        |          |                                                             |                                     |        |         |          |
| 7) Municipal Tipping Fees Grant                   |              | X        |        |          |          |                                                             |                                     |        |         |          |
| 8) Planning/ Building Permit Fees Grant           |              | X        |        |          |          |                                                             |                                     | X      | X       |          |
| 9) Payment-in-Lieu of Parkland Dedication Grant   |              | X        |        |          |          |                                                             |                                     |        |         |          |



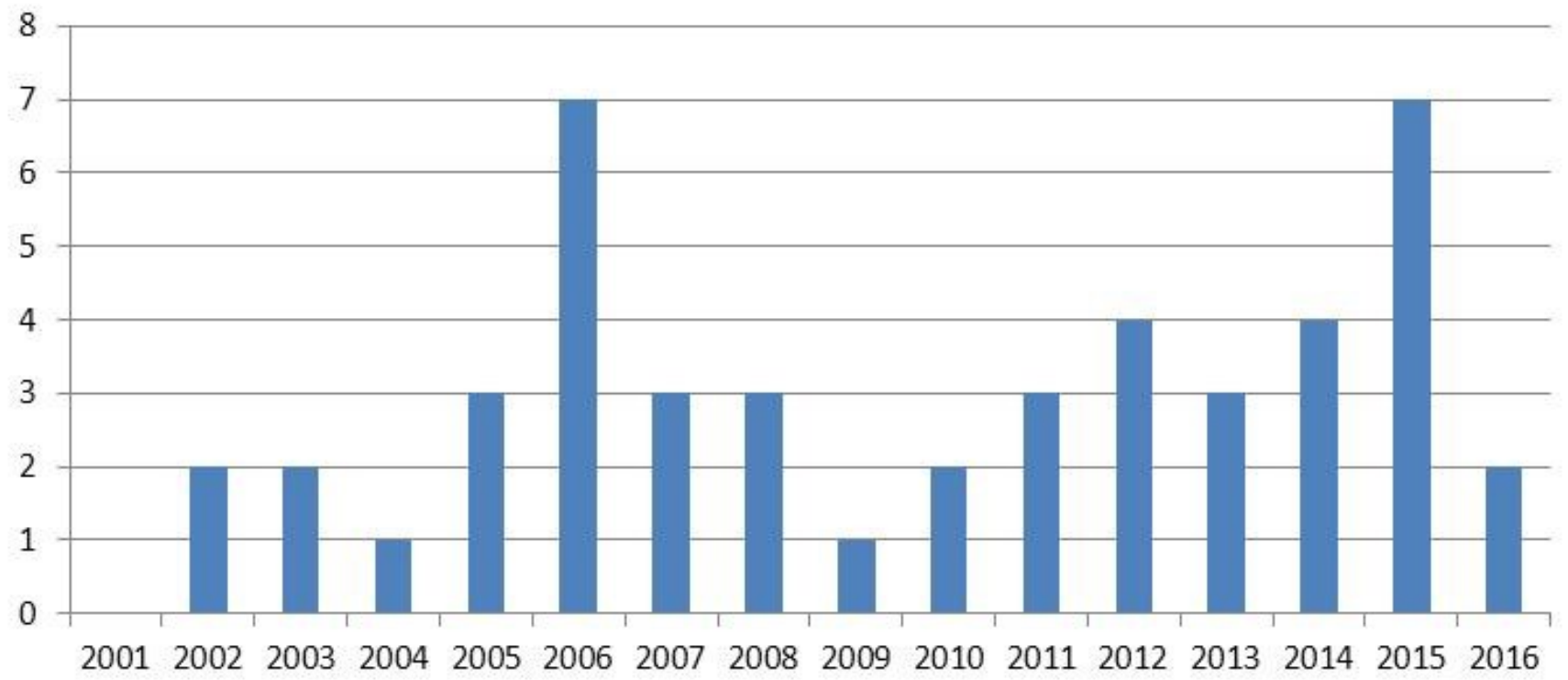
## ESG Applications



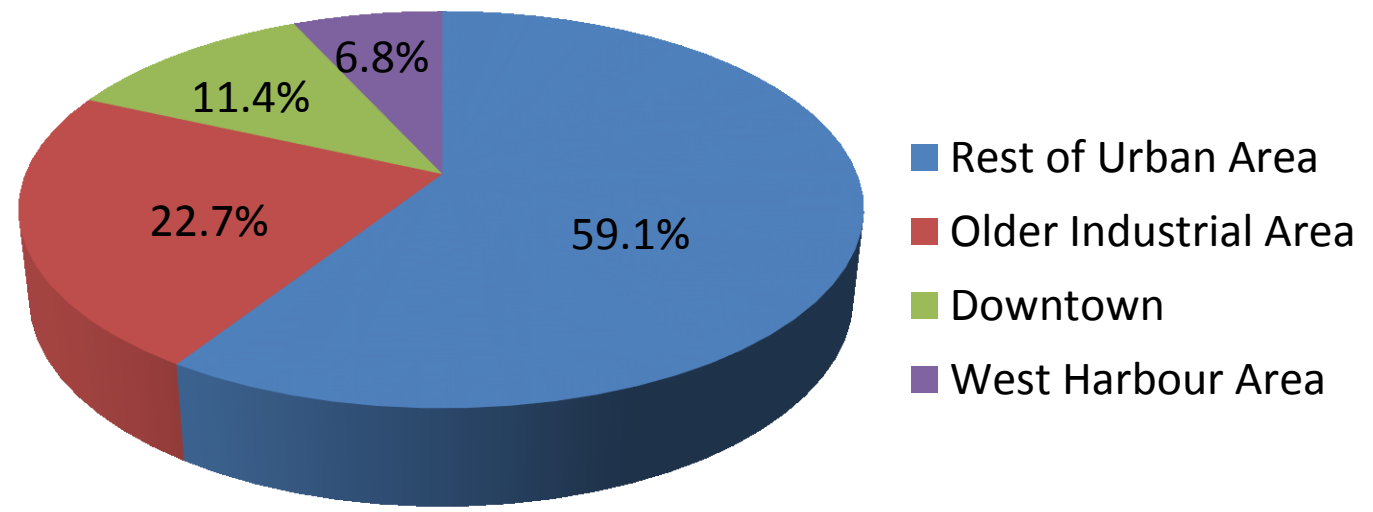
# LOCATION OF ESG APPLICATIONS



## ERG Applications



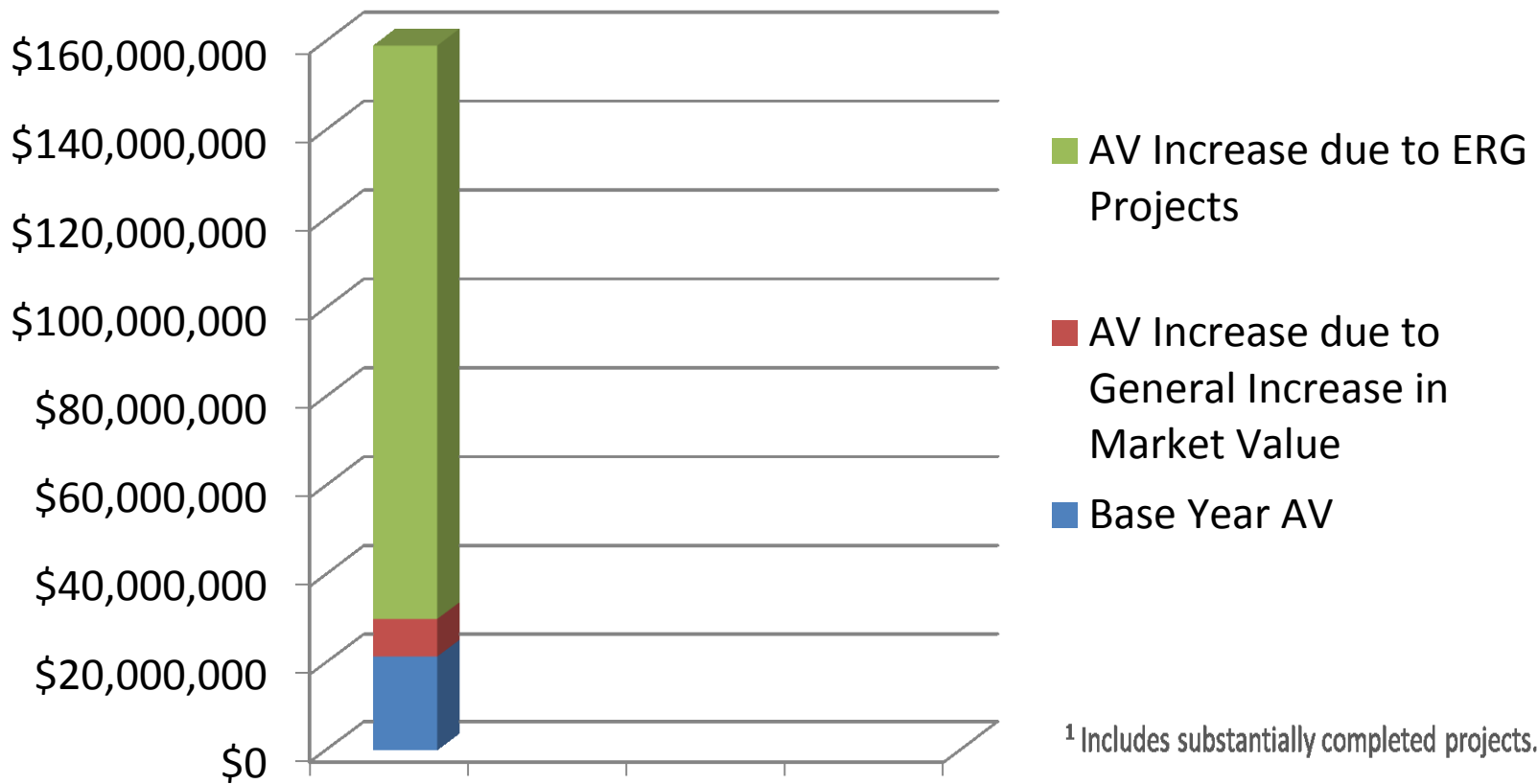
## LOCATION OF ESG APPLICATIONS



## 20 ERG Projects Completed to date

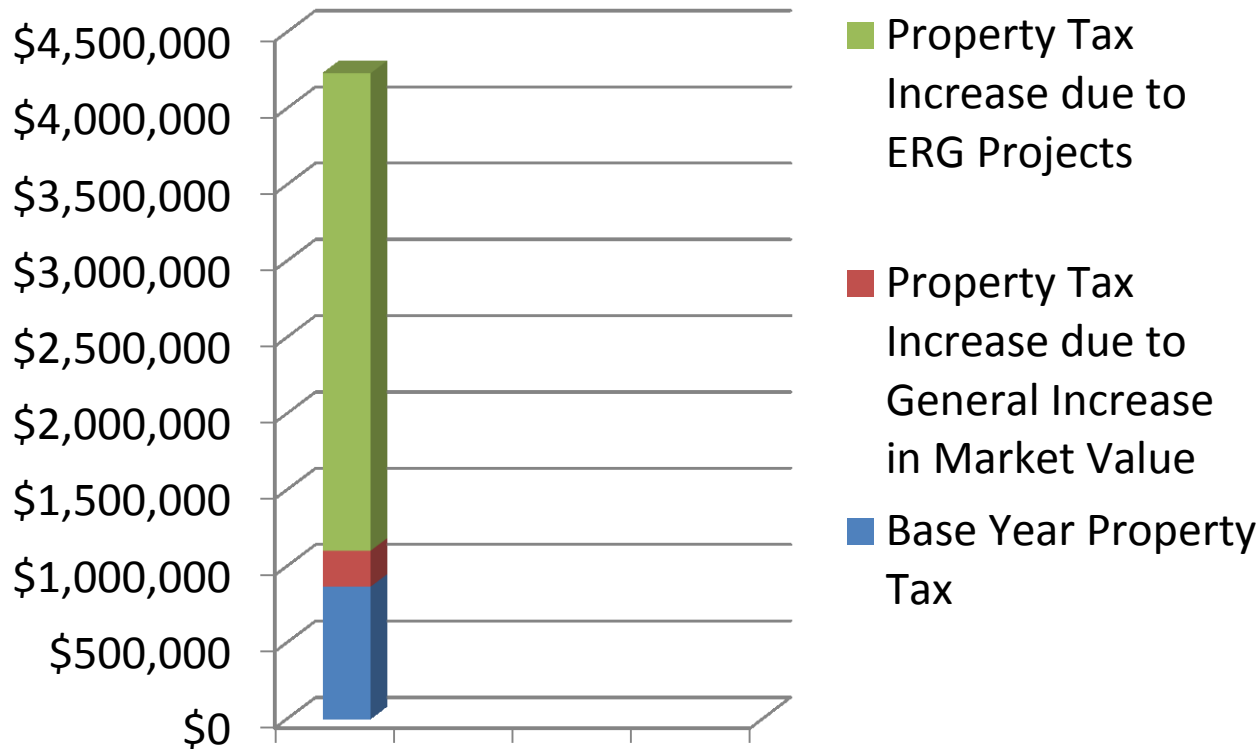
- \$9,598,969 in ERG grant funding commitment from City .
- \$116,145,820 in actual construction value.
- **Leverage Ratio = 11.1**
- 11 ERG projects paid **\$5,549,615 in DCs** over and above eligible remediation costs applied against DCs payable under ERG program.
- 19 ERG projects have paid **\$1,389,925 in building permit fees.**

## Assessment Value of Completed ERG Projects<sup>1</sup>



<sup>1</sup> Includes substantially completed projects.

## Annual Property Taxes for Completed ERG Projects<sup>1</sup>



<sup>1</sup> Includes substantially completed projects.

# Successes Achieved

- Over 380 Acres of land studied;
- Total assessment increase due to ERG in excess of \$129,029,379;
- Every \$1 contributed by the City has generated \$11.10 in private sector construction; and,
- Remediation and redevelopment approved of approximately 210 Acres of brownfield land 123 Acres (59% of approved land area) remediated to date.



## Proposed improvements for continued success

- That the City's maximum contribution as part of the ERASE Study Grant Program be increased from \$25,000 to \$35,000 for two studies per property/project;
- That the ERASE Study Grant Program date for maximum of 2 studies per property be reset to July 1, 2011;
- That additional administrative requirements regarding submission and enactment of ERASE Study Grant applications be approved;
- That additional eligible costs be added to the ERASE Study Grant and Redevelopment Grant Program to cover Designated Substances and Hazardous Material Survey and Industrial/Office Reuse Feasibility Study and their removal and abatement in the Older Industrial Area be approved;

- Eligible costs be added to the ERASE Study Grant and Redevelopment Grant Program to cover Designated Substances and Hazardous Material Survey and their removal and abatement applicable to:
  - Current/closed Institutional uses
  - Designated Heritage Buildings
- That the interest rate for the Downtown Hamilton/West Harbourfront Remediation Loan Program (RLP) be decreased from prime minus 1% to 0% and the loan repayment period be reduced from 10 years to 5 years;

# Questions



## Hamilton

### AFFORDABLE HOUSING SITE SELECTION SUB-COMMITTEE

#### REPORT 18-001

3:00 p.m.

Thursday, February 15, 2018

Room 264, 2<sup>nd</sup> Floor, Hamilton City Hall

71 Main Street West

**Present:** C. Collins (Chair)  
Councillors J. Farr, D. Conley (Vice Chair) and M. Pearson

**Absent with  
Regrets** Councillor M. Green – City Business

### THE AFFORDABLE HOUSING SITE SELECTION SUB-COMMITTEE PRESENTS REPORT 18-001 AND RESPECTFULLY RECOMMENDS:

#### 1. **Transfer of City of Hamilton Sites to CityHousing Hamilton for Development (Item 9.1)**

WHEREAS, the City of Hamilton's Strategic Plan recognizes and supports the need for new affordable housing units as one of the City's top priorities;

WHEREAS, the Access to Housing Waitlist continues to grow at an alarming rate with an estimated 6,200 families, seniors and individuals currently on the list;

WHEREAS, the City's Housing and Homelessness Action Plan targets an aggressive 50% reduction in the Access to Housing Waitlist by 2023;

WHEREAS, the City's Housing and Homelessness Action Plan emphasizes the need to provide new affordable housing units;

WHEREAS, the rising cost of real estate presents a significant challenge to social housing providers;

WHEREAS, the City of Hamilton has an inventory of properties that could facilitate the construction of new affordable housing units; and

WHEREAS, the City of Hamilton staff has met with CityHousing staff and Board representatives to discuss opportunities related to utilizing underperforming City of Hamilton parking lots: Park Lot #66 located at 106 Bay Street Northland Park Lot #73 located at 253 King William Street (see attached map), as a means to support the construction of new affordable housing units;

WHEREAS, City of Hamilton staff has also identified an unused portion of 701 Upper Sherman Ave, which interlocks with an existing CityHousing Hamilton

Corporation site on Macassa Ave (see attached map), as a potential City owned site for building new affordable housing units;

WHEREAS, CityHousing Hamilton Corporation has begun a revitalization process that requires the acquisition of land for the rebuilding of 100 units of social housing following an approved sale of poor performing single and semi-detached housing units, as well as for the possible relocation of residents from the Jamesville social housing community in the West Harbour during its redevelopment; and

WHEREAS, CityHousing Hamilton Corporation has completed financial modelling for the utilization of the above mentioned three sites as part of its revitalization process;

THEREFORE BE IT RESOLVED:

- (a) That the Real Estate Section of the Planning and Economic Development Department be authorized and directed to sell at nominal price of \$2.00, Car Park Lot #66 (106-104 Bay Street North) to CityHousing Hamilton Corporation on such other terms and conditions deemed appropriate by the General Manager, Planning and Economic Development;
- (b) That the Real Estate Section of the Planning and Economic Development Department be authorized and directed to sell at nominal price of \$2.00 Car Park Lot #73 (253-257 King William Street) to CityHousing Hamilton Corporation on such other terms and conditions deemed appropriate by the General Manager, Planning and Economic Development;
- (c) That the Real Estate Section of the Planning and Economic Development Department be authorized and directed to sell at nominal price of \$2.00 the unused portion of 701 Upper Sherman Avenue that interlocks with an existing CityHousing Hamilton Corporation owned site on Macassa Avenue be transferred to CityHousing Hamilton Corporation on such other terms and conditions deemed appropriate by the General Manager, Planning and Economic Development;
- (d) That the transfer of Car Park Lot #66, Car Park Lot#73, and the unused portion of 701 Upper Sherman Avenue be subject to any requisite requirements to protect for servicing, utilities and road widenings, as determined by new reference plans to be completed by Geomatics and Corridor Management Section of the Public Works Department;
- (e) That the City Solicitor complete the transfers of Car Park Lot #66, Car Park Lot #73, and the unused portion of 701 Upper Sherman Avenue pursuant to the terms and conditions of the agreement negotiated by the Planning and Economic Development Department and in a form satisfactory to the City Solicitor;
- (f) That the General Manager, Planning and Economic Development be authorized and directed to execute all required documents on behalf of the City of Hamilton to transfer Car Park Lot #66, Car Park Lot #73, and the

unused portion of 701 Upper Sherman Avenue on documents in a form satisfactory to the City Solicitor;

- (g) That \$4,500 be charged to Account No. 500005-22018 (City of Hamilton Payable) and credited to Account No. 45408-3560150200 (Property Purchases and Sales) for Legal and Real Estate fees;
- (h) That all other expenses associated with the transfer of Car Park Lot #66, Car Park Lot #73, and the unused portion of 701 Upper Sherman Avenue be charged to Account No. 500005-220; and
- (i) That Car Park Lots #66 (106-104 Bay Street North) and #73 (253-257 King William Street) be permitted to continue operations until new development begins.

**FOR INFORMATION:**

**(a) CHANGES TO THE AGENDA (Item 1)**

The Clerk advised that there were no changes to the agenda.

That the agenda for the February 15, 2018 meeting of the Affordable Housing Site Selection Sub-Committee, be approved as presented.

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

There were no declarations of interest.

**(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 3)**

**(i) November 28, 2017 (Item 3.1)**

The Minutes of the November 28, 2017 meeting of the Affordable Housing Site Selection Sub-Committee, be approved, as presented.

**(d) MOTION (Item 9)**

**(i) Transfer of City of Hamilton Sites to CityHousing Hamilton for Development (Item 9.1)**

The motion was amended by adding the word “possible” to the ninth paragraph of the preamble, and by adding sub-section (i) to read as follows:

***(i) That Car Park Lots #66 (106-104 Bay Street North) and #73 (253-257 King William Street) be permitted to continue operations until new development begins.***

For further disposition on this matter, refer to Item 1.

**(e) ADJOURNMENT (Item 12)**

There being no further business, the Affordable Housing Site Selection Sub-Committee, be adjourned at 3:13 p.m.

Respectfully submitted,

Councillor C. Collins, Chair  
Affordable Housing Site Selection  
Sub-Committee

Loren Kolar  
Legislative Coordinator  
Office of the City Clerk

**Appendix “B” to Report PED18044**

Planning and Economic Development Department  
 Urban Renewal Section  
 71 Main Street West, 7th Floor  
 Hamilton, Ontario L8P 4Y5  
 Phone: (905) 546-2424 Ext. 2755  
 Fax: (905) 546-2693

## COMMERCIAL PROPERTY IMPROVEMENT GRANT PROGRAM

### PROGRAM DESCRIPTION

The Commercial Property Improvement Grant Program (CPIGP) is intended to provide financial assistance for commercial property owners authorized tenants within Downtown Hamilton, Community Downtowns, the Mount Hope/Airport Gateway and the commercial corridors as identified in the Downtown and Community Renewal Community Improvement Project Area. The Program aims to improve upon the physical appearance of properties within the areas, achieve quality façade improvements, support commercial property / business owners with limited rehabilitation of interior space and assist in creating a barrier-free and accessible environment. Spurring the preservation, revitalization and reinvestment of commercial properties within these areas will assist in creating a welcoming environment for people to live, work, play and learn.

### PROGRAM TERMS

1. Commercial property owners / authorized tenants are eligible for a maximum grant per property during a five-year period (i.e. multiple applications or one application could be submitted however the sum of the grant amounts approved will be no more than the maximum amount allowed for each property). Exceptions may be made at the sole discretion of the General Manager of Planning and Economic Development if:
  - i) a new tenant / owner is occupying the property and applies for new signage; *or*
  - ii) *the property has been damaged due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane.*

*Eligible items under the Program when a property has been damaged for one of the aforementioned reasons shall be capital costs only as follows:*

*Façade Improvements: windows, doors, storefronts, awnings, signage, surveillance cameras or other items deemed eligible at the sole discretion of the General Manager of Planning and Economic Development.*



**Appendix “B” to Report PED18044**

*Limited Interior Improvements: barrier-free washrooms or commercial kitchen cooking exhaust / ventilation systems (the grant will be no more than 50% of the maximum grant per property for interior improvements).*

*Fees: Architectural, engineering, lawyer’s, BCIN designer, building permit, site plan application, road occupancy permit, street occupancy permit and encroachment agreement application fees are eligible up to 100% of the cost to a maximum of \$3,000 per application as part of the total grant awarded for completed construction.*

*Ineligible items shall be: business interruption expenses, equipment, sewer/drain repair and other items deemed ineligible at the sole discretion of the General Manager of Planning and Economic Development.*

*Assisting commercial property owners / authorized tenants to repair property damage due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane will help mitigate some of the capital improvements costs involved during the recovery phase. The grant is not intended to replace property insurance claims, rather, it is to assist a property owner / authorized tenant with eligible costs under the CPIG that are not covered by their insurer due to the deductible amount or due to limits set by their insurance policy.*

*In recognition that a property owner / authorized tenant may have work completed within hours or days of the damage to the property for safety reasons or in order to prevent further damage to the property i.e. replacement of broken windows, an exception to the requirement that applications be submitted prior to works commencing will be allowed only in the instance when a property has been damaged due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane. If the work has commenced or has been completed, applications must be submitted within seven days of the date the damage to the property occurred. Completed works must meet the requirements of the City of Hamilton By-law 07-170 being a by-law to license and regulate various businesses dictating when a contractor must be licensed with the City of Hamilton to complete works i.e. a contractor must hold a valid Building Repair license with the City of Hamilton to replace a window with a window frame however if the glazing only is being replaced the contractor is not required to be licensed with the City of Hamilton. All quotes / invoices submitted with the application will be reviewed by a Building Inspector to ensure the cost is at the industry standard.*

*All grants are subject to the availability of funding.*

*Where funding is requested for property that has been damaged due to fire, vandalism or a natural disaster such as a flood, earthquake or*

**Appendix “B” to Report PED18044**

*hurricane earthquake or hurricane, each applicant shall provide the following documentation to support the application:*

- a) *Evidence of property insurance coverage for the subject property in force as of the date of the damage. Evidence shall be provided by way of a copy of the Declaration Page of the property insurance policy or a Certificate of Insurance. Evidence shall include the following information: subject property address, deductible amount.*
  - b) *Copy of Proof of Loss (or other proof of settlement) from the applicant’s Insurer, along with supporting damage estimate / invoices to support their application.*
  - c) *At the City’s discretion, a police report may also be required.*
2. Maximum grant amount will be paid on a matching basis (50%-50%) to a maximum of \$10,000 per property for eligible work under the Program. As a further incentive for corner properties, the City will increase the maximum grant amount to \$12,500 on a similar matching basis for eligible work under the Program to recognize the importance of flankage facades.
  3. Commercial property owners and tenants authorized in writing by the owner, are eligible to apply for a grant under the Program.
  4. Commercial properties are to be identified by municipal address to identify multiple and separate commercial units with separate ground floor street entrances.
  5. Commercial uses must be in conformity with: all policy documents of the City including but not limited to official plans; the provisions of the Zoning By-laws; and any other City by-laws.
  6. Performance measures are to be applied to the payment of grants.
  7. Eligibility requirements for the Program relating to the work to be funded will be specifically identified. Two separate cost estimates for the work are to be provided. Please note a contractor licensed with the City of Hamilton may be required to undertake the work. For more information on work that requires a licensed contractor please refer to the Application Form or contact Building Department at (905) 546-2424 Ext. 2720.

An owner may present an estimate based on material only.

In the case where the applicant is the owner of a contracting company and wishes to utilize their company to undertake the improvements, one cost estimate from an arms-length contractor will also be required.

Grants will be calculated based upon lowest cost estimate.

**Appendix “B” to Report PED18044**

A Building Inspector will review all estimates provided for the purpose of ensuring competitiveness.

8. Restoration / conservation of heritage features on commercial properties designated under the *Ontario Heritage Act* are not eligible under this grant program, however, improvements other than those on heritage features are eligible subject to the approval of a City heritage permit. Urban Renewal staff will work closely with Development Planning staff on all applications received that are designated under the *Ontario Heritage Act*.
9. Relative to the proposed improvements, a building inspector will perform an initial and final inspection / investigation to confirm compliance with various Acts, Regulations and City By-laws, but not limited to including the Ontario Building Code, Property Standards By-Law, Trade Licencing By-Law and Sign By-law.
10. Approval of the grant is at the sole discretion of the General Manager of Planning and Economic Development Department and subject to the availability of funds.
11. Proposed improvements to be completed within one year to be eligible for payment. A one-year extension can be authorized by the Manager of Urban Renewal if an applicant has extenuating circumstances which would warrant an extension.
12. Work completed must be consistent with estimates, and work proposed and identified within the application unless previously discussed and approved by the Urban Renewal Section.
13. The Applicant shall provide to the City's Urban Renewal Section copies of paid invoices for all work undertaken on the property for which the grant is applicable. This documentation is to be provided prior to the final inspection.
14. A City Building Inspector's final inspection report confirming all works have been carried out satisfactorily must be provided prior to release of any grant monies.
15. At the sole discretion of the Manager of Urban Renewal, partial payments for works completed can be processed consistent with the payment process described above.
16. At the sole discretion of the Manager of Urban Renewal, the grant cheque can be made jointly payable to the applicant and the contractor if such a request has been received from the applicant.
17. An application fee of \$259.90 is payable upon submission of application for grants greater than \$5,000 or \$96.05 for grants \$5,000 or less. The

## Appendix “B” to Report PED18044

fee will be authorized through a by-law passed by City Council. The rate of the fee may be changed from time to time as approved by City Council.

18. The grant may also be received by an owner in conjunction with any other available City program in support of the redevelopment / development of the property with the exception of the BIA Commercial Property Improvement Grant Program available within Business Improvement Areas.
19. Without limiting the discretion as set out in paragraph 10 herein, City Council, whether or not an Applicant satisfies the requirements of the Program, may reject any application received from an applicant where, in the opinion of Council, the commercial relationship between the City and the Applicant has been impaired by, but not limited to, the applicant being involved in litigation with the City. Applicants shall include but not be limited to the following: the Applicant identified on the application form and if a corporation any person or entity with an interest in the corporation as determined by the City in its sole, absolute and unfettered discretion.
20. Without limiting the discretion as set out in paragraph 10 herein, City Council, whether or not an Applicant satisfies the requirements of the Program, may reject any application received from an applicant where there are property tax arrears owed on the subject property or on other properties owned by the Applicant within the City of Hamilton.
21. Works commenced prior to submitting an application are ineligible for funding under the Program. Works commenced after submitting an application but prior to approval of an application may be eligible for funding under the Program and eligibility will be determined by the GM in his sole, absolute and unfettered discretion. An applicant shall assume the risk of paying for work commenced after an application has been submitted but prior to approval.
22. A successful applicant will enter into an agreement with the City containing the terms and conditions (but not limited to) set out in the program description.
23. *The grant shall exclude any damage that is caused by the property owner or occupant (i.e. a tenant) of that property. For example, costs incurred because of self-inflicted damage such as vandalism or arson would not be covered by this Program.*

*A refund of any grant under this Program to the City of Hamilton would be required if it is determined after the grant has been paid that the damage was caused by the property owner and/or the tenant(s) of the property.*

24. *The grant cannot be used to pay the costs resulting from any damage or vandalism where those costs are also reimbursed to the tenant or owner*

## Appendix “B” to Report PED18044

*because such costs are covered under any insurance policy. A refund of any grant under this Program to the City of Hamilton would be required if it is determined after the grant has been paid that such a reimbursement has been received.*

### ELIGIBILITY REQUIREMENTS

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- Property owners and authorized tenants are eligible;
- Property taxes must be paid current;
- Pre-inspection by the City Building Inspector;
- Commercial properties must be located within Downtown Hamilton, Community Downtowns, the Mount Hope / Airport Gateway or, a commercial corridor as identified in the Downtown and Community Renewal Community Improvement Project Area By-law; and,
- The improvements shall be in accordance with Property Standards and the Ontario Building Code and in compliance with all applicable City by-laws, official plans, zoning regulations, design guidelines and site plan approvals.

### ELIGIBLE IMPROVEMENTS

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- Replacement or repairing of storefronts;
- Improvements and or upgrades to windows, doors, cornices and parapets;
- Barrier-free entrances to property (ramps, doors and automatic door openers);
- Addition of new lighting and upgrading of existing fixtures, on exterior of the façade;
- Awning replacements and / or additions;
- Brick repairs and / or pointing;
- Painting and façade treatments;
- Installation or improvement of signage (signage must comply to Sign By-law 10-197, as amended or replaced);
- Paving of parking lots;
- Permanent landscape features such as flagstone and natural stones/rocks, statuary, irrigation, containers;
- Fencing;
- Front-yard decks / patios or side-yard decks/patios that abut a street; and,
- Surveillance cameras affixed to the exterior of the property (must comply to the Fortification By-law 10-122).

**Appendix “B” to Report PED18044****ELIGIBLE INTERIOR IMPROVEMENTS:**

**Note: The maximum grant for interior improvements is \$5 K**

- Barrier-free washrooms;
- Ramps to access barrier-free washrooms;
- Widening of doors to meet *Accessibility for Ontarians with Disabilities Act (AODA)* requirements;
- Interior signage to meet *AODA* requirements;
- Commercial kitchen cooking exhaust / ventilation systems; and,
- Sprinkler systems.

**Fees:**

- Architectural, engineering, lawyer’s, BCIN designer, building permit, site plan application, road occupancy permit, street occupancy permit and encroachment agreement application fees may be eligible for up to 100% of the cost to a maximum of \$3,000 per application as part of the total grant awarded for completed construction.

Other improvements deemed health, safety and accessible issues eligible at the sole discretion of the General Manager of Planning and Economic Development.

**IN-ELIGIBLE IMPROVEMENTS:**

- Trees, shrubbery, perennials, annuals, soil, mulch, grass;
- Roofing (apart from mansard roofs above the eligible frontage);
- Sandblasting;
- Interior furniture, display cases equipment;
- Outdoor patio furniture; and,
- Tools.

**Appendix “A” to Report PED18044**

Planning and Economic Development Department  
 Urban Renewal Section  
 71 Main Street West, 7th Floor  
 Hamilton, Ontario L8P 4Y5  
 Phone: (905) 546-2424 Ext. 2755  
 Fax: (905) 546-2693

**BUSINESS IMPROVEMENT AREA  
 COMMERCIAL PROPERTY IMPROVEMENT GRANT PROGRAM**

**PROGRAM DESCRIPTION**

The Business Improvement Area Commercial Property Improvement Grant Program is intended to provide financial assistance for commercial property owners / authorized tenants within active\* City-wide Business Improvement Areas as identified within the Downtown and Community Renewal Community Improvement Project Area By-law. The Program aims to improve upon the appearance of commercial properties, support commercial property / business owners with limited rehabilitation of interior space and assist in creating a barrier free and accessible environment. It is understood that smaller scale commercial activities contribute greatly to the economic vitality and health of the commercial sector within the City of Hamilton. This Program seeks to build upon these successes, resulting in long lasting physical improvements to the assets of commercial property owners / authorized tenants, to assist business development within the commercial areas as defined by the Business Improvement Areas, and to broadly improve commerce within the entire City.

\*An active BIA is not considered dormant as defined by the Dormant Business Improvement Area Status Procedure as approved by City Council at its meeting held November 11, 2009.

**PROGRAM TERMS**

1. Commercial property owners / authorized tenants are eligible for a maximum grant per property during a five-year period (i.e. multiple applications or one application could be submitted however the sum of the grant amounts approved will be no more than the maximum amount allowed for each property). Exceptions may be made at the sole discretion of the General Manager of Planning and Economic Development if:
  - i) a new tenant / owner is occupying the property and applies for new signage; or
  - ii) *the property has been damaged due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane.*

## Appendix “A” to Report PED18044

*Eligible items under the Program when a property has been damaged for one of the aforementioned reasons shall be capital costs only as follows:*

*Façade Improvements: windows, doors, storefronts, awnings, signage, surveillance cameras or other items deemed eligible at the sole discretion of the General Manager of Planning and Economic Development.*

*Limited Interior Improvements: barrier-free washrooms or commercial kitchen cooking exhaust / ventilation systems (the grant will be no more than 50% of the maximum grant per property for interior improvements).*

*Fees: Architectural, engineering, lawyer’s, BCIN designer, building permit, sign permit, site plan application, road occupancy permit, street occupancy permit and encroachment agreement application fees are eligible up to 100% of the cost to a maximum of \$3,000 per application as part of the total grant awarded for completed construction.*

*Ineligible items shall be: business interruption expenses, equipment, sewer/drain repair and other items deemed ineligible at the sole discretion of the General Manager of Planning and Economic Development.*

*Assisting commercial property owners / authorized tenants to repair property damage due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane will help mitigate some of the capital improvements costs involved during the recovery phase. The grant is not intended to replace property insurance claims, rather, it is to assist a property owner / authorized tenant with eligible costs under the CPIG that are not covered by their insurer due to the deductible amount or due to limits set by their insurance policy.*

*In recognition that a property owner / authorized tenant may have work completed within hours or days of the damage to the property for safety reasons or in order to prevent further damage to the property i.e. replacement of broken windows, an exception to the requirement that applications be submitted prior to works commencing will be allowed only in the instance when a property has been damaged due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane. If the work has commenced or has been completed, applications must be submitted within seven days of the date the damage to the property occurred. Completed works must meet the requirements of the City of Hamilton By-law 07-170 being a by-law to license and regulate various businesses dictating when a contractor must be licensed with the City of Hamilton to complete works i.e. a contractor must hold a valid Building Repair license with the City of Hamilton to replace a window with a window frame however if the glazing only is being replaced the contractor is not required to be licensed with the City of Hamilton. All quotes / invoices submitted*



## Appendix “A” to Report PED18044

*with the application will be reviewed by a Building Inspector to ensure the cost is at the industry standard.*

*All grants are subject to the availability of funding.*

*Where funding is requested for property that has been damaged due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane earthquake or hurricane, each applicant shall provide the following documentation to support the application:*

- a) *Evidence of property insurance coverage for the subject property in force as of the date of the damage. Evidence shall be provided by way of a copy of the Declaration Page of the property insurance policy or a Certificate of Insurance. Evidence shall include the following information: subject property address, deductible amount.*
  - b) *Copy of Proof of Loss (or other proof of settlement) from the applicant’s Insurer, along with supporting damage estimate / invoices to support their application.*
  - c) *At the City’s discretion, a police report may also be required.*
2. Buildings that have a linear foot street frontage greater than twenty-five feet (25’), grants will be paid on a matching basis of \$400 per linear foot of street frontage up to a maximum of \$20,000 for eligible work under the Program.
  3. Buildings that have a linear foot street frontage of 25 feet or less, grant amounts will be paid on a matching basis to a maximum of \$10,000 for eligible work under the Program.
  4. As a further incentive for corner properties the City will increase the maximum grant amount to \$25,000, on a similar matching basis for eligible work under the Program to recognize the importance of flankage facades. The grant amount will be determined by the measurement of the street frontage and the measurement of the corner / exposed wall multiplied by \$400 per linear foot.
  5. Commercial properties are to be identified by municipal address to identify multiple and separate commercial units with separate ground floor street entrances.
  6. Commercial uses must be in conformity with applicable policy documents of the City including but not limited to Official Plans, the provisions of the applicable Zoning By-law and any other applicable City by-laws.
  7. Performance measures are to be applied to the payment of grants.

**Appendix “A” to Report PED18044**

8. Eligibility requirements for the Program relating to the work to be funded will be specifically identified. Two separate cost estimates for the work are to be provided. Please note a contractor licensed with the City of Hamilton may be required to undertake the work. For more information on work that requires a licensed contractor please refer to the Application Form or contact Building Department at (905) 546-2424 Ext. 2720.

An owner who is proposing to undertake the work and not hire a contractor may present an estimate based on material only.

Grants will be calculated based upon lowest cost estimate.

In the case where the applicant is the owner of a contracting company and wishes to utilize their company to undertake the improvements on their property, one (1) cost estimate from an arms-length contractor will also be required.

A Building Inspector will review all estimates provided for the purpose of ensuring competitiveness.

9. Restoration / conservation of heritage features on commercial properties designated under the *Ontario Heritage Act* are not eligible under this grant program, however, improvements other than those on heritage features are eligible subject to the approval of a City heritage permit. Urban Renewal staff will work closely with Development Planning staff on all applications received that are designated under the *Ontario Heritage Act*.
10. Relative to the proposed improvements, a building inspector will perform an initial and final inspection / investigation to confirm compliance with various Acts, Regulations and City Bylaws including the Ontario Building Code, Property Standards By-Law, Trade Licencing By-Law, Sign By-law etc.
11. Approval of the grant is at the sole discretion of the General Manager of Planning and Economic Development and subject to the availability of funds.
12. Proposed improvements to be completed within one year to be eligible for payment. A one year extension can be authorized by the Manager of Urban Renewal if an applicant has extenuating circumstances which would warrant an extension.
13. Work completed must be consistent with estimates, and work proposed and identified within the application unless previously discussed and approved by the Urban Renewal Section.

**Appendix “A” to Report PED18044**

14. At the sole discretion of the Manager of Urban Renewal, partial payments for works completed can be processed consistent with the payment process described above.
15. At the sole discretion of the Manager of Urban Renewal, the grant cheque can be made jointly payable to the applicant and the contractor if such a request has been received from the applicant.
16. An application fee of \$406.80 for grants greater than \$12,500, \$259.90 for grants less than or equal to \$12,500 but greater than \$5,000, and \$96.05 for grants \$5,000 or less, must be submitted at the time of application. The fee will be authorized through a by-law passed by City Council. The rate of the fee may be changed from time to time as approved by City Council.
17. Approval of the grant application is at the absolute discretion of the City and subject to the availability of funds.
18. Without limiting the discretion as set out in paragraph 17 herein, the City, Council, may reject any application received from an applicant, whether or not an Applicant satisfies the requirements of the Program, where, in the opinion of Council, the commercial relationship between the City and the Applicant has been impaired by, but not limited to, the applicant being involved in litigation with the City. Applicants shall include but not be limited to the following: the Applicant identified on the application form and if a corporation any person or entity with an interest in the corporation as determined by the City in its sole, absolute and unfettered discretion.
19. Without limiting the discretion as set out in paragraph 17 herein, the City Council, whether or not an Applicant satisfies the requirements of the Program, may reject any application received from an applicant where there are property tax arrears owed on the subject property or on other properties owned by the Applicant within the City of Hamilton.
20. Works commenced prior to submitting an application are ineligible for funding under the Program. Works commenced after submitting an application but prior to approval of an application may be eligible for funding under the Program and eligibility will be determined by the GM in his sole, absolute and unfettered discretion. An applicant shall assume the risk of paying for work commenced after an application has been submitted but prior to approval.
21. A successful applicant will enter into an agreement with the City containing the terms and conditions (but not limited to) set out in the program description.

## Appendix “A” to Report PED18044

22. *The grant shall exclude any damage that is caused by the property owner or occupant (i.e. a tenant) of that property. For example, costs incurred because of self-inflicted damage such as vandalism or arson would not be covered by this Program.*

*A refund of any grant under this Program to the City of Hamilton would be required if it is determined after the grant has been paid that the damage was caused by the property owner and/or the tenant(s) of the property.*

23. *The grant cannot be used to pay the costs resulting from any damage or vandalism where those costs are also reimbursed to the tenant or owner because such costs are covered under any insurance policy. A refund of any grant under this Program to the City of Hamilton would be required if it is determined after the grant has been paid that such a reimbursement has been received.*

### **ARTS COMPONENT:**

An additional matching grant to a maximum of \$10,000 may be available for artfully designed façade improvements or art pieces placed on private property that can be viewed by the public.

The applicant will provide an adequate brief and rendering of the proposed art piece.

A jury will be established and may comprise a selection of the following: Urban Renewal Section, urban designer, Business Improvement Area member. The Director of Culture or representative will be on the jury.

The selection jury will review, evaluate and approve all proposed art projects.

The jury will reserve the right to deem what is eligible for funding under the arts component.

Note: Murals must be appropriate for public display; must not fall under the definition of a “sign”; and, must not be subject to royalty rights.

### **ELIGIBILITY REQUIREMENTS**

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- Property owners and authorized tenants are eligible;
- Property taxes must be paid current;
- The proposed work to be pre-inspected by the City Building Inspector;
- The improvements shall be in accordance with Property Standards and the Ontario Building Code and in compliance with all applicable City by-laws, official plans, zoning regulations, design guidelines and site plan approvals;

## Appendix “A” to Report PED18044

- Commercial properties must be located within one of the City’s active Business Improvement Areas and be within the corresponding Community Improvement Project Area; and,
- Existing use must be in conformity with the applicable Zoning By-law regulations, and other relevant planning controls.

### ELIGIBLE IMPROVEMENTS

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#### Exterior Improvements:

- Replacement or repairing of storefronts;
- Improvements / replacement to doors, cornices, parapets, soffit, fascia;
- Addition of new lighting and upgrading of existing fixtures, on exterior of the façade and within the storefront area normally associated with the display area;
- Awning replacements and / or additions;
- Brick repairs and / or pointing;
- Painting and façade treatments;
- Installation or improvement of signage (Signage must comply with Sign By-law 10-197);
- Barrier free entrance to property (ramps, doors and automatic door openers);
- Permanent landscape features only such as flagstone and natural stones / rocks, statuary, irrigation, containers ;
- Permanent Fencing;
- Front-yard decks / patios or side yard decks / patios that abut a street; and,
- Surveillance cameras affixed to the exterior of the property (must comply to the Fortification By-law 10-122).

#### Interior Improvements:

**Note: The maximum grant for interior improvements is 50% of the maximum grant per property**

- Barrier-free washrooms;
- Ramps to access barrier-free washrooms;
- Interior signage to meet *Accessibility for Ontarians with Disabilities Act* (AODA) requirements;
- Commercial kitchen cooking exhaust / ventilation systems;
- Sprinkler systems; and,
- Widening of doors to meet AODA requirements.

**Appendix “A” to Report PED18044****Fees:**

- Architectural, engineering, lawyer’s, BCIN designer, building permit, site plan application, road occupancy permit, street occupancy permit and encroachment agreement application fees may be eligible for up to 100% of the cost to a maximum of \$3,000 per application as part of the total grant awarded for completed construction.

Other improvements deemed health, safety and accessible issues eligible at the sole discretion of the General Manager of Planning and Economic Development.

**In-Eligible:** (this list is not intended to be exclusive)

- Trees, shrubbery, perennials, annuals, soil, mulch, grass;
- Roofing (apart from mansard roofs above the eligible frontage);
- Sandblasting;
- Paving of parking lots;
- Interior furniture, display cases, equipment;
- Outdoor patio furniture; and,
- Tools.



**CITY OF HAMILTON**  
**PLANNING AND ECONOMIC DEVELOPMENT DEPARTMENT**  
 Economic Development Division

|                           |                                                                                                                                                                                                                                      |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TO:</b>                | Mayor and Members<br>General Issues Committee                                                                                                                                                                                        |
| <b>COMMITTEE DATE:</b>    | February 21, 2018                                                                                                                                                                                                                    |
| <b>SUBJECT/REPORT NO:</b> | Business Improvement Area Commercial Property Improvement Grant Program and Commercial Property Improvement Grant Program - Amendment to Program Descriptions and Terms (PED18044) (Wards 1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 13 and 15) |
| <b>WARD(S) AFFECTED:</b>  | Wards 1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 13 and 15                                                                                                                                                                                      |
| <b>PREPARED BY:</b>       | Carlo Gorni (905) 546-2424 Ext. 2755                                                                                                                                                                                                 |
| <b>SUBMITTED BY:</b>      | Glen Norton<br>Director, Economic Development<br>Planning and Economic Development Department                                                                                                                                        |
| <b>SIGNATURE:</b>         |                                                                                                                                                                                                                                      |

### RECOMMENDATION

- (a) That Appendix "C" to the Downtown and Community Renewal Community Improvement Plan, being the Program Description and Terms of the Business Improvement Area Commercial Property Improvement Grant Program, be deleted and replaced with the Program Description and Terms attached as Appendix "A" to Report PED18044;
- (b) That Appendix "G" to the Downtown and Community Renewal Community Improvement Plan, being the Program Description and Terms of the Commercial Property Improvement Grant Program, be deleted and replaced with the Program Description and Terms attached as Appendix "B" to Report PED18044.

### EXECUTIVE SUMMARY

The Business Improvement Area Commercial Property Improvement Grant Program (BIACPIG) is offered to property owners and authorized tenants of commercial properties located within Hamilton's active Business Improvement Areas (BIAs). The Program provides a matching grant to a maximum dependent upon the linear foot of frontage of the building. If a building frontage is 25 feet or less, the maximum grant is \$10,000. For buildings that have a frontage of over 25 feet the grant is based on \$400 per linear foot of front to a maximum of \$20,000. For corner properties the maximum

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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: Business Improvement Area Commercial Property Improvement Grant Program and Commercial Property Improvement Grant Program - Amendment to Program Descriptions and Terms (PED18044) (Wards 1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 13 and 15) - Page 2 of 9**

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matching grant is \$25,000. Eligible items under the Program include façade improvements and limited interior improvements including barrier-free washrooms and commercial kitchen exhaust systems. Commercial property owners / authorized tenants are eligible for a maximum grant per property during a five-year period (i.e. multiple applications or one application could be submitted however the sum of the grant amounts approved will be no more than the maximum amount allowed for each property). The Program allows for exceptions to the maximum grant during a five-year period if a new tenant / owner is occupying the property and applies for new signage only. The Program also offers a further \$10,000 matching grant for artfully designed façade improvements i.e. murals.

The Commercial Property Improvement Grant Program (CPIG) is offered to property owners / authorized tenants within Downtown Hamilton, Community Downtowns, the Mount Hope / Airport Gateway and the commercial corridors as identified in the Downtown and Community Renewal Community Improvement Project Area. The maximum matching grant is \$10,000 or \$12,500 for corner properties for façade improvements and limited interior improvements. Similar to the BIACPIG, commercial property owners / authorized tenants are eligible for a maximum grant per property during a five-year period (i.e. multiple applications or one application could be submitted however the sum of the grant amounts approved will be no more than the maximum amount allowed for each property). The Program allows for exceptions to the maximum grant during a five-year period if a new tenant / owner is occupying the property and applies for new signage only.

The proposed amendment to the Program Descriptions for the BIACPIG and CPIG will allow additional exceptions to the maximum grant during a five-year period for the purpose of assisting in mitigating costs associated with property damage due to fire, vandalism, or a natural disaster such as a flood, earthquake or hurricane. The applicant's insurance policy is primary with the grant not intended to replace the applicant's insurance coverage. Applications are to be supported by evidence of property insurance coverage as described under the Analysis and Rationale for Recommendation Section of Report PED18044.

The amendment to the Program Descriptions and Terms is highlighted on Appendices "A" and "B" to Report PED18044.

***Alternatives for Consideration – See Page 8***

**FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

Financial: During the 2017 Capital Budget deliberations City Council approved \$470,000 from the Downtown Block to fund 2017 applications submitted

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**SUBJECT: Business Improvement Area Commercial Property Improvement Grant Program and Commercial Property Improvement Grant Program - Amendment to Program Descriptions and Terms (PED18044) (Wards 1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 13 and 15) - Page 3 of 9**

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under the BIACPIG. The funding is contained in Urban Renewal's Capital Project ID#8201703703. The funding has been fully committed to 2017 applications. City Council at its meeting held December 8, 2017 approved \$406,000 to fund BIACPIG applications in 2018.

During the 2017 Capital Budget deliberations City Council approved \$272,000 from the Downtown Block to fund 2017 applications under the CPIG. The funding is contained in Urban Renewal's Capital Budget Project ID#8201703704. The current uncommitted balance from the 2017 allocation is \$44,965.29. Furthermore, funding from previous years' accounts for CPIG applications was transferred into Project ID#8201603510 and the uncommitted balance from the transferred funding is \$234,141 for a total of \$279,106.29. City Council at its meeting held December 8, 2017 approved \$250,000 to fund CPIG applications in 2018.

**Staffing:** Administration of the BIACPIG and CPIG can be accommodated within the Urban Renewal Section of the Planning and Economic Development Department as well as the Finance and Administration Section of the Corporate Services Department.

**Legal:** Section 28 of the *Planning Act* permits a municipality, in accordance with a Community Improvement Plan, to make loans and grants which would otherwise be prohibited under Section 106(2) of the *Municipal Act*, to registered / assessed owners and tenants of lands and buildings. A Community Improvement Plan can only be adopted and come into effect within a designated Community Improvement Project Area. Changes to a Community Improvement Plan or Community Improvement Project Area require formal amendments, as dictated by the *Planning Act*. The Downtown and Community Renewal Community Improvement Plan and Project Area, provides the authorization for the City to offer loans under the BIACPIG and CPIG.

Council has adopted by resolution, detailed implementation measures to allow for the efficient administration of each financial incentive program. These administration procedures are contained in the various Program Descriptions and Terms provided in the appendices to the Downtown and Community Renewal Community Improvement Plan. The revised Program Descriptions attached to Report PED18044 as Appendices "A" and "B" do not require a formal amendment and will be adopted by City Council by resolution and appended to the Plan. The Program Description and Terms of the BIACPIG and CPIG are appended to the Community Improvement Plan as Appendices "C" and "G".

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**SUBJECT: Business Improvement Area Commercial Property Improvement Grant Program and Commercial Property Improvement Grant Program - Amendment to Program Descriptions and Terms (PED18044) (Wards 1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 13 and 15) - Page 4 of 9**

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Formal amendments to the Community Improvement Plan are required in the following instances:

- to introduce any new financial incentive programs;
- to increase the amount of financial assistance that may be provided to registered owners, assessed owners, and tenants, and to any person to whom such an owner or tenant has assigned the right to receive a grant or loan, as described in Section 8 of the Plan; and,
- a change to the Community Improvement Project Area as it is described in Section 6 of the Plan.

## **HISTORICAL BACKGROUND**

City Council, at its meeting held May 10, 2016 approved the amended Downtown and Community Renewal Community Improvement Plan. The appendices to the Plan are the Program Descriptions and Terms of the ten financial incentives that are offered under the Plan including the BIACPIG and CPIG.

The intent of the BIACPIG and CPIG is to encourage commercial property / business owners to invest in the appearance of their commercial properties and the rehabilitation of the interior space of the building. Smaller scale commercial activities contribute greatly to the economic vitality and health of the commercial sector within the City of Hamilton. Better aesthetics increases property values, improves upon the marketability of space within buildings and attracts businesses and residents to an area.

## **POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

The Downtown and Community Renewal Community Improvement Plan provides the framework for City programs and initiatives in a manner that meets the legislative requirements of the *Planning Act* intended to stimulate private sector investment and redevelopment and, to focus municipal action and investment that promotes and enhances Hamilton's various downtowns, commercial districts, mixed use corridors and neighbourhoods targeted for community development.

The Plan provides the legal framework for the financial incentives administered by the Urban Renewal Section. Downtown Hamilton, the Community Downtowns of Ancaster, Binbrook, Dundas, Stoney Creek and Waterdown, the Mount Hope / Airport Gateway, the Business Improvement Areas and other Commercial Corridors within the City, as well as certain heritage-designated properties, are collectively designated in the Downtown and Community Renewal CIPA By-law.

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**SUBJECT: Business Improvement Area Commercial Property Improvement Grant Program and Commercial Property Improvement Grant Program - Amendment to Program Descriptions and Terms (PED18044) (Wards 1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 13 and 15) - Page 5 of 9**

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Applications processed under the financial incentives authorized under the Downtown and Community Renewal Community Improvement Plan must be in compliance with the official plan, all applicable City by-laws, zoning regulations, design guidelines and site plan approvals.

## **RELEVANT CONSULTATION**

Staff from Corporate Services Department was consulted and concur with the recommendations included in Report PED18044.

## **ANALYSIS AND RATIONALE FOR RECOMMENDATION**

Assisting commercial property owners / authorized tenants to repair property damage due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane will help mitigate some of the capital improvements costs involved during the recovery phase. The grant is not intended to replace property insurance claims, rather, it is to assist a property owner / authorized tenant with eligible costs under the BIACPIG or CPIG that are not covered by their insurer due to the deductible amount or due to limits set by their insurance policy.

The amendment to each of the Program Description and Terms is in italics below:

**Section 1:** Commercial property owners / authorized tenants are eligible for a maximum grant per property during a five-year period (i.e. multiple applications or one application could be submitted however the sum of the grant amounts approved will be no more than the maximum amount allowed for each property). Exceptions may be made at the sole discretion of the General Manager of Planning and Economic Development if:

- i) a new tenant / owner is occupying the property and applies for new signage; or
- ii) *the property has been damaged due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane.*

*Eligible items under the BIACPIG or CPIG when a property has been damaged for one of the aforementioned reasons shall be capital costs only as follows:*

*Façade Improvements: windows, doors, storefronts, awnings, signage, surveillance cameras or other items deemed eligible at the sole discretion of the General Manager of Planning and Economic Development.*

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*Limited Interior Improvements: barrier-free washrooms or commercial kitchen cooking exhaust / ventilation systems (the grant will be no more than 50% of the maximum grant per property for interior improvements).*

*Fees: Architectural, engineering, lawyer's, BCIN designer, building permit, sign permit, site plan application, road occupancy permit, street occupancy permit and encroachment agreement application fees are eligible up to 100% of the cost to a maximum of \$3,000 per application as part of the total grant awarded for completed construction.*

*Ineligible items shall be: business interruption expenses, equipment, sewer/drain repair and other items deemed ineligible at the sole discretion of the General Manager of Planning and Economic Development.*

*Assisting commercial property owners / authorized tenants to repair property damage due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane will help mitigate some of the capital improvements costs involved during the recovery phase. The grant is not intended to replace property insurance claims, rather, it is to assist a property owner / authorized tenant with eligible costs under the CPIG that are not covered by their insurer due to the deductible amount or due to limits set by their insurance policy.*

*In recognition that a property owner / authorized tenant may have work completed within hours or days of the damage to the property for safety reasons or in order to prevent further damage to the property i.e. replacement of broken windows, an exception to the requirement that applications be submitted prior to works commencing will be allowed only in the instance when a property has been damaged due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane. If the work has commenced or has been completed, applications must be submitted within seven days of the date the damage to the property occurred. Completed works must meet the requirements of the City of Hamilton By-law 07-170 being a by-law to license and regulate various businesses dictating when a contractor must be licensed with the City of Hamilton to complete works i.e. a contractor must hold a valid Building Repair license with the City of Hamilton to replace a window with a window frame however if the glazing only is being replaced the contractor is not required to be licensed with the City of Hamilton. All quotes / invoices submitted with the application will be reviewed by a Building Inspector to ensure the cost is at the industry standard.*

*All grants are subject to the availability of funding.*

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*Where funding is requested for property that has been damaged due to fire, vandalism or a natural disaster such as a flood, earthquake or hurricane, each applicant shall provide the following documentation to support the application:*

- a) *Evidence of property insurance coverage for the subject property in force as of the date of the damage. Evidence shall be provided by way of a copy of the Declaration Page of the property insurance policy or a Certificate of Insurance. Evidence shall include the following information: subject property address, deductible amount.*
- b) *Copy of Proof of Loss (or other proof of settlement) from the applicant's Insurer, along with supporting damage estimate / invoices to support their application.*
- c) *At the City's discretion, a police report may also be required.*

**(Sections 23 and 24) CPIG Program Description  
(Sections 22 and 23) BIACPIG Program Description**

*The grant shall exclude any damage that is caused by the property owner or occupant (i.e. a tenant) of that property. For example, costs incurred because of self-inflicted damage such as vandalism or arson would not be covered by this Program.*

*A refund of any grant under this Program to the City of Hamilton would be required if it is determined after the grant has been paid that the damage was caused by the property owner and / or the tenant(s) of the property.*

*The grant cannot be used to pay the costs resulting from any damage or vandalism where those costs are also reimbursed to the tenant or owner because such costs are covered under any insurance policy. A refund of any grant under this Program to the City of Hamilton would be required if it is determined after the grant has been paid that such a reimbursement has been received.*

For the information of Committee and Council, all applications under the BIACPIG and CPIG are subject to the following standard due diligence prior to recommending approval of the grant to the General Manager of Planning and Economic Development:

- Determination of outstanding property taxes on the subject property. Any outstanding amount to be paid prior to approval of a grant and prior to advance of the grant.

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- Determination of outstanding Property Standards, Building Code or Fire Code violations on the subject property. Any violations must be addressed prior to the grant being advanced.
- Title and Corporate searches undertaken to ensure the registered property owner identified on the application is on Title and to confirm the Directors of Corporation.
- Litigation search to determine if the applicant is in litigation with the City of Hamilton and if they are, determine if the commercial relationship has been impeded. If the relationship has been impeded the application will be returned to the applicant.
- Zoning Verification to determine if the use of the property is in compliance with the applicable Zoning By-law.
- Building Inspector to review the quotes submitted to determine if the quotes are at the industry standard, if the work requires a Building Permit, Sign Permit or Barricade Permit and, if the contractor carrying out the work is required to have a license with the City of Hamilton.

If Report PED18044 is approved staff from Urban Renewal will hold information sessions with Hamilton's Business Improvement Areas and within the Community Improvement Project Areas where the Commercial Property Improvement Grant Program is offered for the purpose of sharing information on the process and requirements for the exception.

## **ALTERNATIVES FOR CONSIDERATION**

Council may decide not to approve expanding the additional exceptions of the five-year maximum grant per property under the BIACPIG and CPIG for assistance when a property has been damaged due to the aforementioned reasons. This alternative is not recommended.

## **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.*

### **Healthy and Safe Communities**

*Hamilton is a safe and supportive City where people are active, healthy, and have a high quality of life.*

### **Our People and Performance**

*Hamiltonians have a high level of trust and confidence in their City government.*

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**APPENDICES AND SCHEDULES ATTACHED**

Appendix “A” to Report PED18044 - Program Description of the Business Improvement Area Commercial Property Improvement Grant Program.

Appendix “B” to Report PED18044 – Program Description of the Commercial Property Improvement Grant Program.

CG:dt



Hamilton



Hamilton-Wentworth  
Catholic District School Board

**Hamilton-Wentworth Catholic District School Board  
Liaison Committee**

**REPORT 18-001**

**Monday, January 29, 2018**

**10:30 a.m.**

**Room 192, Hamilton City Hall  
71 Main Street West**

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**Present:** Mayor F. Eisenberger (Chair)  
P. Daly, HWCDSB (Vice Chair)  
Councillors A. Johnson and T. Whitehead  
J. Valvasori, Trustee, HWCDSB

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**THE HAMILTON-WENTWORTH CATHOLIC DISTRICT SCHOOL BOARD LIAISON  
COMMITTEE PRESENTS REPORT 18-001 AND RESPECTFULLY RECOMMENDS:**

**1. Location of Cannabis Retail Outlets (Item 8.1)**

That the “Declaration from Canadian School Boards Regarding Impact of Cannabis Legalization on Schools”, attached as Appendix “A” to HWCDSB Liaison Committee Report 18-001, be received.

**2. West Harbour Growth Accommodation in Schools (Item 8.2)**

That the General Issues Committee be advised that the HWCDSB Liaison Committee has considered the matter respecting West Harbour Growth Accommodation in Schools (as referred from the General Issues Committee at the November 2, 2016 meeting), and both the City and HWCDSB are aware of future needs.

**FOR INFORMATION:**

**(a) CHANGES TO THE AGENDA (Item 1)**

The Clerk advised the Committee there were no changes to the agenda.

The agenda for the January 29, 2018 meeting of the Hamilton-Wentworth Catholic District School Board Liaison Committee was approved, as presented.



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

Mayor Eisenberger declared an interest with Item 8.1, respecting the Location of Cannabis Retail Outlets, as his family are investors in a federally licensed medical marijuana company.

**(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 3)****(i) June 29, 2017 (Item 3.1)**

The Minutes of the June 29, 2017 meeting of the Hamilton-Wentworth Catholic District School Board Liaison Committee, were received.

**(d) DISCUSSION ITEMS (Item 8)****(i) Location of Cannabis Retail Outlets (Item 8.1)**

Mayor Eisenberger relinquished the Chair to Councillor Whitehead.

Vice Chair Pat Daly provided a hand-out to the Committee titled "Declaration From Canadian School Boards Regarding Impact of Cannabis Legalization on Schools". Pat Daly recommended that Cannabis Retail Outlets be located at least 3 kilometers away from schools, and requested that the City consult with the Hamilton-Wentworth Catholic District School Board for input on all matters relating to the implementation of legalized cannabis.

The update respecting the Location of Cannabis Retail Outlets, was received.

Mayor Eisenberger assumed the Chair.

**(ii) West Harbour Growth Accommodation in Schools (Item 8.2)**

Mayor Eisenberger explained that the matter has been referred from the City's General Issues Committee November 2, 2016 meeting to both School Board Liaison Committees for discussion.

Chris Phillips, Senior Advisor, updated the Committee respecting the West Harbour development.

The update from Chris Phillips, Senior Advisor, respecting the West Harbour Growth Accommodation in Schools, was received.

**(e) ADJOURNMENT (Item 12)**

There being no further business the meeting was adjourned at 11:09 a.m.

Respectfully submitted,

Mayor F. Eisenberger, Chair  
Hamilton-Wentworth Catholic  
District School Board Liaison  
Committee

Lisa Chamberlain  
Legislative Coordinator  
Office of the City Clerk



## **DECLARATION FROM CANADIAN SCHOOL BOARDS REGARDING IMPACT OF CANNABIS LEGALIZATION ON SCHOOLS**

The legalization of cannabis and the potential adverse impacts represent a challenge for all stakeholders connected to public education. The use of cannabis can have considerable influence on school life and has been linked to elevated rates of social, emotional and intellectual difficulty, as well as of non-completion of studies. These realities are well known to those who work in the field of education in Canada.

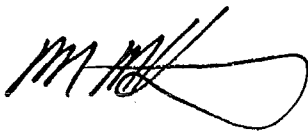
### **AS PARTNERS IN EDUCATION:**

- We provide youth with the opportunity to mature and develop in a safe, healthy learning environment, enabling them to achieve education success;
- We educate young people and adults to be informed, conscientious and autonomous citizens who will assume their position as active members in the development of Canadian Society;
- We promote the importance wellbeing and leading healthy lifestyles through nutrition, physical activity and the prevention of substance abuse.

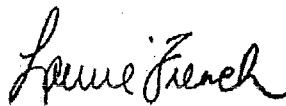
### **WE DECLARE THAT IT IS ESSENTIAL:**

- That education partners be consulted by the Federal, Provincial and Territorial Governments on the establishment of the framework for cannabis legalization;
- That education partners be active partners at any provincial discussions about legislation, local policies and procedures;
- That education partners be consulted by the Federal, Provincial, and Territorial Governments on strategies for harm reduction, mitigation and other interventions;
- That monies generated by the sales of cannabis are allocated to the prevention of cannabis abuse and toward promoting a healthy lifestyle;

- That cannabis use prevention and reduction, as well as the promotion of healthy lifestyles remain Crown priorities and are integrated into Federal, Provincial and Territorial regulations pertaining to legalization of cannabis;
- That any advertising related to cannabis or use of cannabis, be prohibited;
- That the use of cannabis be prohibited in public areas;
- That the sale and distribution of cannabis be prohibited near schools and other educational facilities.




Mary Martin, President



Laurie French, President



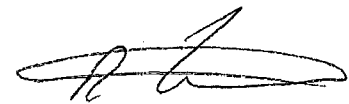
Alain Fortier, President



Shawn Davidson, President




Pat Daly, President



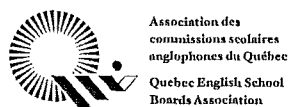
Robert Fowler, President



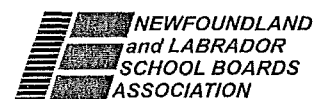
Ken Cameron, President



Jennifer Maccarone, President



Goronwy Price, President





# INFORMATION REPORT

|                           |                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------|
| <b>TO:</b>                | Mayor and Members<br>General Issues Committee                                                         |
| <b>DATE:</b>              | February 21, 2018                                                                                     |
| <b>SUBJECT/REPORT NO:</b> | Corporate Strategic Growth Initiatives – Long Term Sustainability (CM16013(b)) (City Wide) (OBL Item) |
| <b>WARD(S) AFFECTED:</b>  | City Wide                                                                                             |
| <b>PREPARED BY:</b>       | Alvin Chan (905) 546-2424 Ext. 2978<br>Guy Paparella (905) 546-2424 Ext. 5807                         |
| <b>SUBMITTED BY:</b>      | Guy Paparella<br>Director, Growth Planning<br>Planning and Economic Development Department            |
| <b>SIGNATURE:</b>         | Chris Murray<br>City Manager<br>City Manager's Office                                                 |

## **Council Direction:**

This Report is addressing the Outstanding Business List (OBL) item respecting Corporate Strategic Growth Initiatives – Long Term Sustainability as initiated on October 5, 2016 under Report GIC 16-023 Item 3(c), whereby an update is to be provided on the long-term sustainability of the Corporate Strategic Growth Initiatives (CSGI) for 2019 and beyond. Staff note that due to unanticipated Provincial policy changes, the need to continue the CSGI beyond 2019 is required.

In particular, as documented in previous Report CM16013(a), dated December 6, 2017, the Province provided updates to the Growth Plan for the Greater Golden Horseshoe (Growth Plan), Greenbelt Plan and Niagara Escarpment Plan, as well as establishing a Provincial Land Budget Methodology. These changes resulted in delays and impacts to the various CSGI projects that require the 2041 employment and population forecasts as inputs.

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**SUBJECT: Corporate Strategic Growth Initiatives – Long Term Sustainability  
(CM16013(b)) (City Wide) - Page 2 of 2**

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These impacts include additional time required to complete the project, additional project work which may not have originally been anticipated or budgeted for, servicing / traffic model re-runs, and their subsequent impact to the Development Charges Background Study and By-law.

In particular, the delay to the 2041 employment and population forecast inputs will subsequently delay completion of the related projects that comprise the CSGI. This is the most critical impact and reason for continuation of the CSGI Project, as this delay results in additional delays to the identification of required infrastructure, infrastructure investment strategies and cost sharing policies for incorporation into the Development Charge (DC) Background Study and By-law for July 2019.

As such, the continuation of the CSGI Project beyond 2019 will allow both staff and the City to continue updating the CSGI projects with the 2041 employment and population forecasts, which will allow staff to finalize the identification of required infrastructure, infrastructure investment strategies and cost sharing policies for incorporation into a future amending or separate DC Background Study and By-law.

Notwithstanding the above, staff recommends continuation of the CSGI Project, even should these unanticipated Provincial policy changes have not occurred, as the Project allows for collaboration with the relevant Department Directors and project team staff to ensure that all strategic growth related projects are coordinated and completed in a timely and fiscally responsible manner. Additionally, continuation of the CSGI will also inform the implementation of coordinated Multi-Year Capital Budget submissions.

Based on current project statuses, it appears that two separate or amending DC Background Study and By-laws will be required. A By-law will be brought forward for Council's consideration to reflect the established 2031 employment and population forecasts and a future amending / separate By-law to reflect 2041 employment and population forecasts.

Lastly, the item respecting Corporate Strategic Growth Initiatives – Long Term Sustainability can now be removed from the GIC Outstanding Business List.

**APPENDICES ATTACHED**

- N/A

AC/GP/sd

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**CITY OF HAMILTON**  
**PLANNING AND ECONOMIC DEVELOPMENT DEPARTMENT**  
**Tourism and Culture Division**

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| <b>TO:</b>                | Mayor and Members<br>General Issues Committee                                                     |
| <b>COMMITTEE DATE:</b>    | February 21, 2018                                                                                 |
| <b>SUBJECT/REPORT NO:</b> | Canadian Country Music Week 2019 (PED18058) (City Wide)                                           |
| <b>WARD(S) AFFECTED:</b>  | City Wide                                                                                         |
| <b>PREPARED BY:</b>       | Carrie Brooks-Joiner (905) 546-2424 Ext. 4132                                                     |
| <b>SUBMITTED BY:</b>      | Anna M. Bradford<br>Director, Tourism and Culture<br>Planning and Economic Development Department |
| <b>SIGNATURE:</b>         |                                                                                                   |

### RECOMMENDATION

- (a) That staff be directed to secure the 2019 Canadian County Music Week event and within a project budget of \$850,000;
- (b) That \$550,000 previously approved by Council to host the 2019 JUNO Awards be reallocated to support for the 2019 Canadian Country Music Week event;
- (c) That staff be directed to secure the balance of \$300,000 from other levels of government and the private sector to support the 2019 Canadian Country Music Week event and, that if staff is successful in raising in excess of the project budget, that any excess funds be used to reduce the municipal contribution;
- (d) That the Mayor and City Clerk be authorized and directed to execute the 2019 CCMA Contract, between the Canadian Country Music Association (CCMA) and the City of Hamilton, together with all necessary ancillary documents, with content acceptable to the Director of Tourism and Culture and in a form satisfactory to the City Solicitor.

### EXECUTIVE SUMMARY

Hamilton is confirmed as the host city for Canadian Country Music Week 2018.

Hamilton is now being considered as the host city for the 2019 event as well.

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**SUBJECT: Canadian Country Music Week 2019 (PED18058) (City Wide) - Page 2  
of 4**

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Traditionally, this prestigious week-long event and awards show is hosted in a different city across Canada each year. Currently, the CCMA is considering a two-year host city commitment for ease of planning, to build audience depth, and to leverage sponsorship opportunities. The expression of interest correspondence from the CCMA is attached as Appendix “A” to Report PED18058.

This opportunity aligns with the stretch target “to attract five major events that generate a total combined economic impact of at least \$50M” in the Council approved Economic Development Action Plan 2016-2020.

The 2019 Canadian County Music Week is anticipated to require a budget of \$850,000. Staff is requesting that the previously, Council-approved funding at \$550,000 for the 2019 JUNO bid be reallocated to the 2019 Canadian County Music Week. The balance of funds is anticipated to come from the Province of Ontario, Hamilton Halton Brant Regional Tourism Association #3 and local corporate sponsorships.

***Alternatives for Consideration –Not Applicable***

**FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

**Financial:** Funds previously allocated to the 2019 JUNO bid were identified as follows:

- \$250,000 Tax Stabilization Reserve (#110046);
- \$300,000 from the Economic Development Investment Fund (Reserve #112221); and,
- \$300,000 other level of government and private sector sponsorship.

**Staffing:** Temporary short-term staff will be contracted within the allocated budget, as required to work with staff, the volunteer Host Committee and the CCMA on the planning and delivery of the 2019 CCMA event in Hamilton.

**Legal:** A Host Contract/Agreement between the CCMA and the City of Hamilton will be signed and executed by the Mayor and Clerk’s Division, Corporate Services Department.

**HISTORICAL BACKGROUND**

The City of Hamilton hosted the Canadian Country Music Week in 2011 and is the confirmed host city for 2018.

Canadian Country Music Week is one of Canada’s annual hallmark music events. Country music continues to be one of the most popular musical genres in Canada, and over the course of Country Music Week each year there is a multitude of artist

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**SUBJECT: Canadian Country Music Week 2019 (PED18058) (City Wide) - Page 3  
of 4**

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showcases, industry information sessions, and three different awards ceremonies that honour our Canadian country talent and celebrate their achievements.

**POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

Securing this event for the City of Hamilton is in alignment with the Tourism Strategy, Music Strategy, Cultural Plan and Economic Development Action Plan.

**RELEVANT CONSULTATION**

President, Canadian Country Music Association

Minister's Office, Ministry of Tourism, Culture, and Sport

Chair, 2018 CCMA Host Committee

Executive Director, Regional Tourism Association #3

**ANALYSIS AND RATIONALE FOR RECOMMENDATION**

This direction is in alignment with Tourism Hamilton's efforts to secure multi-year meeting, convention, and event business.

Hosting of the Canadian Country Music Week in Hamilton aligns with the goals and objectives of the City of Hamilton Music Strategy. This also aligns with the Provincial mandate to support new digital and record production and distribution of Canadian music. This opportunity will increase partnership opportunities regionally and provincially supporting not only Hamilton's but Ontario's music industry in Canada and around the globe.

General benefits of hosting the Canadian Country Music Week include:

- Support of Canadian Culture;
- Increased exposure and development of the Greater Hamilton music industry and community;
- Creation of jobs in the music industry;
- Increase in tourism visitation;
- Opportunity to demonstrate the vibrancy of the City of Hamilton's Tourism and Creative Industries sectors;
- To be host community to the premier country music awards show in Canada; and,
- Enhance staff and community engagement and boost civic pride.

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**SUBJECT: Canadian Country Music Week 2019 (PED18058) (City Wide) - Page 4 of 4**

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The CCMA reports that Country Music Week has significant economic benefit for the host city and province. The 2016 event in London, Ontario supported \$8.4 million in economic activity in the province including \$6.3 million of economic activity in London. These expenditures supported \$2.5 million in wages and salaries in the province through the support of 44 jobs, of which 29 jobs and \$1.3 million in wages and salaries were in London.

Statistics from the 2017 event in Saskatoon are not yet available.

**ALTERNATIVES FOR CONSIDERATION**

N/A

**ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN****Community Engagement & Participation**

*Hamilton has an open, transparent and accessible approach to City government that engages with and empowers all citizens to be involved in their community.*

**Economic Prosperity and Growth**

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

**Culture and Diversity**

*Hamilton is a thriving, vibrant place for arts, culture, and heritage where diversity and inclusivity are embraced and celebrated.*

**APPENDICES AND SCHEDULES ATTACHED**

Appendix “A” to Report PED18058 - Letter from CCMA, January 29, 2018

CBJ:ro



**Carrie Brooks-Joiner**

Manager of Tourism & Events  
Tourism and Culture Division  
Planning and Economic Department, City of Hamilton  
905.546.2424 ext 4132

**Monday, January 29, 2018**

**RE: Hamilton as host city of Country Music Week and the CCMA Awards for 2018 and 2019**

**Dear Carrie,**

On behalf of the Canadian Country Music Association (CCMA) and its Board of Directors, please accept this letter to serve as confirmation of the association's interest to be hosted by the City of Hamilton for our annual Country Music Week and the CCMA Awards Show broadcast for two years consecutively – 2018 and 2019. We would welcome this opportunity to keep the CCMA Awards and Country Music Week in Ontario, and specifically Hamilton. As the host to 5 previous Country Music Weeks and CCMA Award Shows, the host committee, organizers and community partners are best-in-class and do an incredible job of helping us elevate Country Music and shine the spotlight on the City of Hamilton.

The financial expectation for hosting Country Music Week and the CCMA Awards in 2019 remains consistent with our 2018 Host City Bid Document. The CCMA respectfully requests a decision from Hamilton Tourism and Culture on this matter on or before **February 28, 2018**.

We thank you for your time and diligence as we continue to work through our 2019 Host City Bid applicants. Should you require any additional information at this time, please do not hesitate to contact me.

Sincerely,

A handwritten signature in cursive script that reads 'Tracy Martin'.

Tracy Martin  
**Interim President, Canadian Country Music Association**  
416-947-1331 ext. 215  
[tmartin@ccma.org](mailto:tmartin@ccma.org)

CC: Ted Ellis (CCMA), Joel Baskin (CCMA), Paul Shaver (CCMA), Brian Abrams (CCMA), Cliff Dumas (CCMA)