

Civic Works Committee

Report

The 11th Meeting of the Civic Works Committee
July 23, 2019

PRESENT: Councillors P. Squire (Chair), M. van Holst, S. Lewis, S. Lehman, E. Peloza
ABSENT: Mayor E. Holder
ALSO PRESENT: K. Chambers, T. Copeland, G. Dales, K. Graham, D. MacRae, S. Mathers, J. Parsons, D. Popadic, K. Scherr, P. Shack, G. Smith, S. Spring, J. Stanford and B. Westlake-Power

The meeting was called to order at 4:00 PM

1. Disclosures of Pecuniary Interest

That it BE NOTED that no pecuniary interests were disclosed.

2. Consent

Moved by: S. Lehman
Seconded by: M. van Holst

That items 2.1 to 2.3 and 2.7 to 2.9 BE APPROVED.

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Peloza

Absent: (1): E. Holder

Motion Passed (5 to 0)

2.1 6th Report of the Transportation Advisory Committee

Moved by: S. Lehman
Seconded by: M. van Holst

That it BE NOTED that the 6th Report of the Transportation Advisory Committee, from its meeting held on June 25, 2019, was received.

Motion Passed

2.2 Southdale Road West and Wickerson Road Improvements - Detailed Design and Tendering - Appointment of Consulting Engineer

Moved by: S. Lehman
Seconded by: M. van Holst

That, on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the Southdale Road West and Wickerson Road Improvements Project:

- a) Dillon Consulting Limited BE APPOINTED Consulting Engineers for the detailed design and tendering for the Southdale Road West and Wickerson Road Improvements project at an upset amount of \$853,614.60 (excluding HST) in accordance with Section 15.2 (g) of the Procurement of Goods and Services Policy;

- b) the financing for this project BE APPROVED as set out in the Sources of Financing Report appended to the staff report dated July 23, 2019 as Appendix A;
- c) the Civic Administration BE AUTHORIZED to undertake all the administrative acts that are necessary in connection with this project;
- d) the approvals given herein BE CONDITIONAL upon the Corporation entering into a formal contract with the consultant for the work; and,
- e) the Mayor and the City Clerk BE AUTHORIZED to execute any contract or other documents, if required, to give effect to these recommendations. (2019-T04)

Motion Passed

2.3 Southdale Road West Improvements Phase 1 - Detailed Design & Tendering - Appointment of Consulting Engineer

Moved by: S. Lehman
Seconded by: M. van Holst

That, on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the appointment of a Consulting Engineer for the Southdale Road West Improvements Phase 1 Project from Pine Valley Boulevard to Bostwick Road:

- a) AECOM Canada Ltd. BE APPOINTED Consulting Engineers for the detailed design and tendering for the Southdale Road West Improvements Project between Pine Valley Boulevard and Bostwick Road, at an upset amount of \$463,497 (excluding HST) in accordance with Section 15.2 (g) of the Procurement of Goods and Services Policy;
- b) the financing for this project BE APPROVED as set out in the Sources of Financing Report appended to the staff report dated July 23, 2019 as Appendix A;
- c) the Civic Administration BE AUTHORIZED to undertake all the administrative acts that are necessary in connection with this project;
- d) the approvals given herein BE CONDITIONAL upon the Corporation entering into a formal contract with the consultant for the work; and,
- e) the Mayor and the City Clerk BE AUTHORIZED to execute any contract or other documents, if required, to give effect to these recommendations. (2019-T04)

Motion Passed

2.7 Request for Tender (RFT) 19-83 - Removal and Management of Municipal (Household) Hazardous and Special Waste - Irregular Result

Moved by: S. Lehman
Seconded by: M. van Holst

That, on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the Request for Tender (RFT) 19-83 Removal and Management of Municipal (Household) Hazardous and Special Waste Irregular Result:

- a) the RFT 19-83, to provide service for removal and management of municipal (household) hazardous and special waste from the depot located at the W12A Landfill Site for an estimated annual cost of \$122,830 (excluding HST), from Envirosystems Incorporated, 239 Lottridge Street, Hamilton, Ontario, L8L 6W1, BE ACCEPTED in accordance with the Procurement of Goods and Services Policy Section 8.10 Irregular Result, Clause b and Section 13.2 Clause b;
- b) the Civic Administration BE AUTHORIZED to undertake all administrative acts that are necessary in connection with this purchase; and,
- c) the approval hereby given BE CONDITIONAL upon the Corporation entering into a formal contract or having a purchase order, or contract record relating to the subject matter of this approval. (2019-E07)

Motion Passed

2.8 Single Source Procurement - Replacement of Sand/Salt Spreaders

Moved by: S. Lehman

Seconded by: M. van Holst

That, on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the Single Source Procurement for replacement of sand/salt spreaders:

- a) the Civic Administration BE AUTHORIZED to enter into a single source agreement for the procurement of Sand/Salt Spreaders as per Section 14.4(d) of the Procurement of Goods and Services Policy;
- b) the submission from S&B Services Ltd., 36312 Talbot Line, Shedden, Ontario, BE ACCEPTED; for the supply and delivery of three (3) Slide In Sand/Salt Spreaders with at a total purchase price of \$242,700 (excluding HST) (\$80,900 per unit excluding HST);
- c) the Civic Administration BE AUTHORIZED to undertake all the administrative acts that are necessary in connection with this purchase;
- d) the approval hereby given BE CONDITIONAL upon the Corporation entering into a formal contract or having a purchase order, or contract record relating to the subject matter of this approval; and
- e) the funding for this purchase BE APPROVED as set out in the Source of Financing Report appended to the staff report dated July 23, 2019 as Appendix "A". (2019-F17)

Motion Passed

2.9 Amendments to the Traffic and Parking By-law

Moved by: S. Lehman

Seconded by: M. van Holst

That, on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the Traffic and Parking By-law (PS-113):

- a) the proposed by-law, appended to the staff report dated July 23, 2019 as Appendix "A" BE INTRODUCED at the Municipal Council meeting to be held on July 30, 2019 for the purpose of amending the Traffic and Parking By-law (PS-113);

b) the proposed by-law, appended to the staff report dated July 23, 2019 as Appendix “B” BE INTRODUCED at the Municipal Council meeting to be held on July 30, 2019 for the purpose of amending the Traffic and Parking By-law (PS-113) in order to implement ‘No Stopping Anytime’ zones in the vicinity of the London International Airport for Airshow London 2019 from September 13th, 2019 to September 15th, 2019; and,

c) the proposed by-law, as appended to the staff report dated July 23, 2019 as Appendix “C” BE INTRODUCED at the Municipal Council meeting to be held on July 30, 2019 for the purpose of amending the Traffic and Parking By-law (PS-113) in order to remove the ‘No Stopping Anytime’ zones previously approved for Airshow London 2019 from September 13th, 2019 to September 15th, 2019. (2019-T08)

Motion Passed

2.4 Wonderland Road Sanitary Sewer Extension - Appointment of Consulting Engineer

Moved by: E. Pelosa

Seconded by: S. Lewis

That, on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the appointment of a consulting engineer for the Wonderland Road Sanitary Sewer Project:

a) AECOM Canada Ltd BE APPOINTED Consulting Engineers to complete the pre-design and detailed design for the Wonderland Road Sanitary Sewer Project in accordance with the estimate, on file, at an upset amount of \$172,380.00 including 10% contingency, excluding HST, in accordance with Section 15.2(d) of the City of London’s Procurement of Goods and Services Policy;

b) the financing for the project BE APPROVED in accordance with the Sources of Financing Report appended to the staff report dated July 23, 2019 as Appendix ‘A’;

c) the Civic Administration BE AUTHORIZED to undertake all the administrative acts that are necessary in connection with this project;

d) the approvals given, herein, BE CONDITIONAL upon the Corporation entering into a formal contract; and,

e) the Mayor and the City Clerk BE AUTHORIZED to execute any contract or other documents, if required, to give effect to these recommendations. (2019-T04)

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelosa

Absent: (1): E. Holder

Motion Passed (5 to 0)

2.5 Current and Proposed Actions for Reducing and Managing Plastics in the Residential Sector and the Role for the Hefty EnergyBag Pilot Project

Moved by: S. Lewis

Seconded by: E. Pelosa

That, on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, with the support of the Director, Environment, Fleet and Solid Waste the following actions be taken with respect to the Current and Proposed Actions for Reducing and

Managing Plastics in the Residential Sector and the Role for the Hefty EnergyBag Pilot Project:

- a) the Civic Administration BE DIRECTED to develop a more comprehensive plan to reducing and managing plastics in the residential sector including;
 - i) addressing upcoming Federal and Provincial legislation, regulation, policies and scientific studies;
 - ii) how senior government direction with producer responsibility will support local policies with respect to reduction, reuse, recycling and recovery of plastics; and,
 - iii) report back by early 2021 as part of the 60% Waste Diversion Action Plan implementation process;
- b) the Hefty® EnergyBag® Pilot Project for flexible plastic packaging and hard-to-recycle plastics BE APPROVED for implementation in a phased approach starting October 1, 2019 using approved funds for 2019 and base program funds (Program 470300) for 2020 in the amount of \$25,000 per year for two years noting that the Canadian Plastics Industry Association (CPIA) and the Dow Chemical Company are major financial contributors;
- c) the Civic Administration BE AUTHORIZED to expand the list of business and municipal project partners and funding sources (e.g., Continuous Improvement Fund, Federation of Canadian Municipalities Green Fund) interested in the Hefty® EnergyBag® Pilot Project for flexible plastic packaging, hard-to-recycle plastics including promoting these activities through the London Waste to Resources Innovation Centre, the Industrial Research Chair Agreement in Thermochemical Conversion of Biomass and Waste to Bioindustrial Resources with Western University;
- d) the proposed by-law appended to the staff report dated July 23, 2019 as Appendix “B” BE INTRODUCED at the Municipal Council meeting to be held on July 30, 2019 to approve the Grant Recipient Agreement with CPIA appended to the staff report dated July 23, 2019 as Schedule “A” to the by-law;
- e) the Mayor and the City Clerk BE AUTHORIZED to execute the Agreement authorized and approved in e), above; and
- f) the Civic Administration BE AUTHORIZED to undertake all administrative acts that are necessary in connection with executing this Agreement. (2019-E07)

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelosa

Absent: (1): E. Holder

Motion Passed (5 to 0)

2.6 Award of Tender 19-47 Contract 15: Oakridge Acres Phase III, Pinetree, Dolway and Hickory - Irregular Result

Moved by: S. Lehman
Seconded by: S. Lewis

That, on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the award of tender for Contract 15: Oakridge Acres Phase III; Pinetree, Dolway and Hickory:

- a) the irregular bid submitted by CH Excavating (2013) at its tendered price of \$1,974,431.32, (excluding HST), BE ACCEPTED in

accordance with the Procurement of Goods and Services Policy Section 8.10 Irregular Result Clause b and Section 13.2 Clause b;

- b) the financing for this project BE APPROVED as set out in the Sources of Financing Report appended to the staff report dated July 23, 2019 as Appendix “A”;
- c) the Civic Administration BE AUTHORIZED to undertake all the administrative acts that are necessary in connection with this project;
- d) the approval given herein BE CONDITIONAL upon the Corporation entering into a formal contract, or issuing a purchase order for the material to be supplied and the work to be done, relating to this project (Tender 19-47); and,
- e) the Mayor and the City Clerk BE AUTHORIZED to execute any contract or other documents, if required, to give effect to these recommendations. (2019-T04)

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelosa

Absent: (1): E. Holder

Motion Passed (5 to 0)

3. Scheduled Items

3.1 Sewer Private Drain Connection Policy Review Results: Proposed Drainage By-law (WM-4) and Wastewater & Stormwater By-law (WM-28) Amendments

Moved by: S. Lewis

Seconded by: S. Lehman

That, on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the Drainage By-law (WM-4) and the Wastewater & Stormwater By-law (WM-28):

- a) the attached revised proposed by-law amendment as Appendix “B” BE INTRODUCED at the Municipal Council Meeting on July 30, 2019 to amend the existing Drainage By-law (WM-4);
- b) the revised proposed by-law amendment appended to the staff report dated July 23, 2019 as Appendix “C” and included on the Added Agenda BE INTRODUCED at the Municipal Council Meeting on July 30, 2019 to amend the existing Wastewater & Stormwater By-law (WM-28); and,
- c) the Civic Administration BE AUTHORIZED to undertake all the administrative acts that are necessary in connection with this proposed by-law amendment;

it being pointed out that at the public participation meeting associated with these matters, the individual indicated on the attached public participation meeting record made an oral submission regarding these matters.

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelosa

Absent: (1): E. Holder

Motion Passed (5 to 0)

Additional Votes:

Moved by: M. van Holst
Seconded by: E. Pelosa

Motion to open the public participation meeting.

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelosa

Absent: (1): E. Holder

Motion Passed (5 to 0)

Moved by: E. Pelosa
Seconded by: S. Lehman

Motion to close the public participation meeting.

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelosa

Absent: (1): E. Holder

Motion Passed (5 to 0)

4. Items for Direction

4.1 Parking By-law Amendment - S. Kohn, 553 Pall Mall Street

Moved by: M. van Holst
Seconded by: S. Lehman

That the communication from S. Kohn, dated July 11, 2019, with respect to the Parking By-law Amendment, BE RECEIVED. (2019-T02/D17)

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelosa

Absent: (1): E. Holder

Motion Passed (5 to 0)

4.2 Request for Compassionate Compensation for Private Drain Connection - K. Ramsay, 55 1/2 Ada Street

Moved by: S. Lewis
Seconded by: S. Lehman

That the communication from K. Ramsay, dated July 12, 2019, with respect to a request for compassionate compensation for a Private Drain Connection for the property address 55 1/2 Street, BE REFERRED to Risk Management for consideration. (2019-E09)

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelosa

Absent: (1): E. Holder

Motion Passed (5 to 0)

4.3 Victoria Bridge Replacement - Detailed Design and Tendering -
Appointment of Consulting Engineer

Moved by: M. van Holst
Seconded by: S. Lewis

That consideration of the Victoria Bridge replacement detailed design and tendering, appointment of consulting engineer BE REFERRED to the Managing Director, Environmental & Engineering Services to report back at a future meeting of the Civic Works Committee with more cost effective alternatives for addressing cultural heritage concerns that would include an enhanced design for a concrete girder bridge which incorporates special treatments, public art and/or portions of the existing bridge, with the goal of achieving an overall project cost savings; it being noted that the funding for this additional work will be clarified at Council July 30, 2019; it being further noted that the communication from Councillor M. van Holst, dated July 7, 2019, with respect to the Cost Effective Options for the Victoria Bridge Design, was received.

Yeas: (4): P. Squire, M. van Holst, S. Lewis, and S. Lehman

Nays: (1): E. Pelosa

Absent: (1): E. Holder

Motion Passed (4 to 1)

4.4 Winter Maintenance Program Support

Moved by: S. Lewis
Seconded by: M. van Holst

That the report dated July 23, 2019 relating to winter maintenance program support BE REFERRED back to Civic Administration in order to prepare appropriate language for customer service enhancements for snow clearing at 8 cm for class 4 and 5 roads and 5 cm for sidewalks at the expiration of current contracts, so as to meet or exceed Provincial Minimum Maintenance Standards, for consideration with the 2020-2023 Multi Year Budget; it being noted that the attached presentation from J. Parsons, Division Manager, Transportation and Roadside Operations with respect to this matter, was received.

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelosa

Absent: (1): E. Holder

Motion Passed (5 to 0)

5. Deferred Matters/Additional Business

5.1 Deferred Matters List

Moved by: M. van Holst
Seconded by: S. Lewis

That the Deferred Matters List as of July 15, 2019, BE RECEIVED.

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelozza

Absent: (1): E. Holder

Motion Passed (5 to 0)

5.2 New Sidewalks School Priority - Councillors S. Lewis and J. Morgan

Moved by: S. Lewis

Seconded by: E. Pelozza

That staff BE DIRECTED to review the current assessment process for new sidewalks and add an additional assessment criteria for filling gaps in school zones, community safety zones, and identified Safe and Active Routes to School, to the evaluation process; it being noted that the communication from Councillors S. Lewis and J. Morgan, dated July 17, 2019, with respect to New Sidewalks School Priority, was received. (2019-T04)

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelozza

Absent: (1): E. Holder

Motion Passed (5 to 0)

5.3 7th Report of the Cycling Advisory Committee

Moved by: M. van Holst

Seconded by: S. Lehman

That it BE NOTED that the 7th Report of the Cycling Advisory Committee, from its meeting held on July 17, 2019, be received.

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelozza

Absent: (1): E. Holder

Motion Passed (5 to 0)

6. Confidential

Moved by: S. Lewis

Seconded by: S. Lehman

That the Civic Works Committee convene in closed session at 5:25 PM , with respect to the following matters:

6.1 A matter pertaining to litigation or potential litigation, advice that is subject to solicitor-client privilege, including communications necessary for that purpose, and giving direction to employees or agents of the municipality with respect to 459 Second Street - Pottersburg Creek Erosion Repair Works.

6.2 A matter pertaining to advice that is subject to solicitor-client privilege, including communications necessary for that purpose, and directions and instructions to officers and employees or agents of the municipality with respect to Minimum Maintenance Standards.

6.3 A matter pertaining to potential litigation with respect to the properties located at 267, 271 and 275 Ridgewood Crescent, including matters before administrative tribunals, affecting the municipality or local board with respect to

slope failures; advice that is subject to solicitor-client privilege, including communications necessary for that purpose, in connection with the work done on 267, 271 and 275 Ridgewood Crescent and future proposed remedial work; and directions and instructions to officers and employees or agents of the municipality regarding properties located on 267, 271 and 275 Ridgewood Crescent.

Yeas: (5): P. Squire, M. van Holst, S. Lewis, S. Lehman, and E. Pelosa

Absent: (1): E. Holder

Motion Passed (5 to 0)

The Civic Works Committee convened in Closed Session from 5:25 PM to 6:12 PM.

7. Adjournment

The meeting adjourned at 6:49 PM.

APPENDIX B - REVISED

Bill No.

By-law No.

A By-law to amend By-law WM-4, being a by-law to Regulate Connections to the Public Sewage Works.

WHEREAS on September 20th, 1993 Municipal Council of The Corporation of the City of London enacted By-law WM-4, being a by-law being a by-law to Regulate Connections to the Public Sewage Works;

AND WHEREAS it is deemed expedient to amend the By-law;

NOW THEREFORE the Municipal Council of The Corporation of the City of London enacts as follows:

1. Section 1.1 of the said By-law is hereby amended by adding the following definition:

“Low-density Residential” means any building that is duplex, triplex, four-plex, five-plex or six-plex and is metered by a bulk meter.

2. Section 3.2 of the By-law is hereby repealed and replaced by the following:

3.2 Any work upon a Private drain connection be done at the request and expense of the owner, including but not limited to:

- (i) plunging and rodding;
- (ii) the installation of new drains not installed in conjunction with main sewer installation;
- (iii) installation of a PDC liner by cured-in-place pipe (CIPP) method; or
- (iv) repair and replacement of existing PDC by open cut method.

3. Section 7.2.1 of the By-law is hereby deleted and replaced by the following:

7.2.1 Services provided by the City Engineer – repair, replacement, installation – Single detached and Low-density Residential buildings

The fees and charges as set out in the applicable fees and charges by-law are imposed on owners of Single detached and Low-density Residential buildings for services or activities provided by the city Engineer.

4. Section 7.2.2 of the By-law is hereby deleted.
5. Section 7.7 of the By-law is hereby deleted and replaced by the following:

7.7 Work undertaken by the City limited

The City Engineer shall not undertake:

- (i) the repair or replacement of a Private drain connection serving a property that is not a Single detached or Low-density Residential building; or
- (ii) the installation of new Private drain connections for any property.

The responsibility and costs for such works shall be borne by the property owner in accordance with the applicable fees and charges by-law.

6. Section 7.8 of the By-law is hereby deleted.
2. This by-law shall come into force and effect on the day it is passed.

PASSED in Open Council

, 2019

Ed Holder
Mayor

Catharine Saunders
City Clerk

First reading -
Second reading –
Third reading –

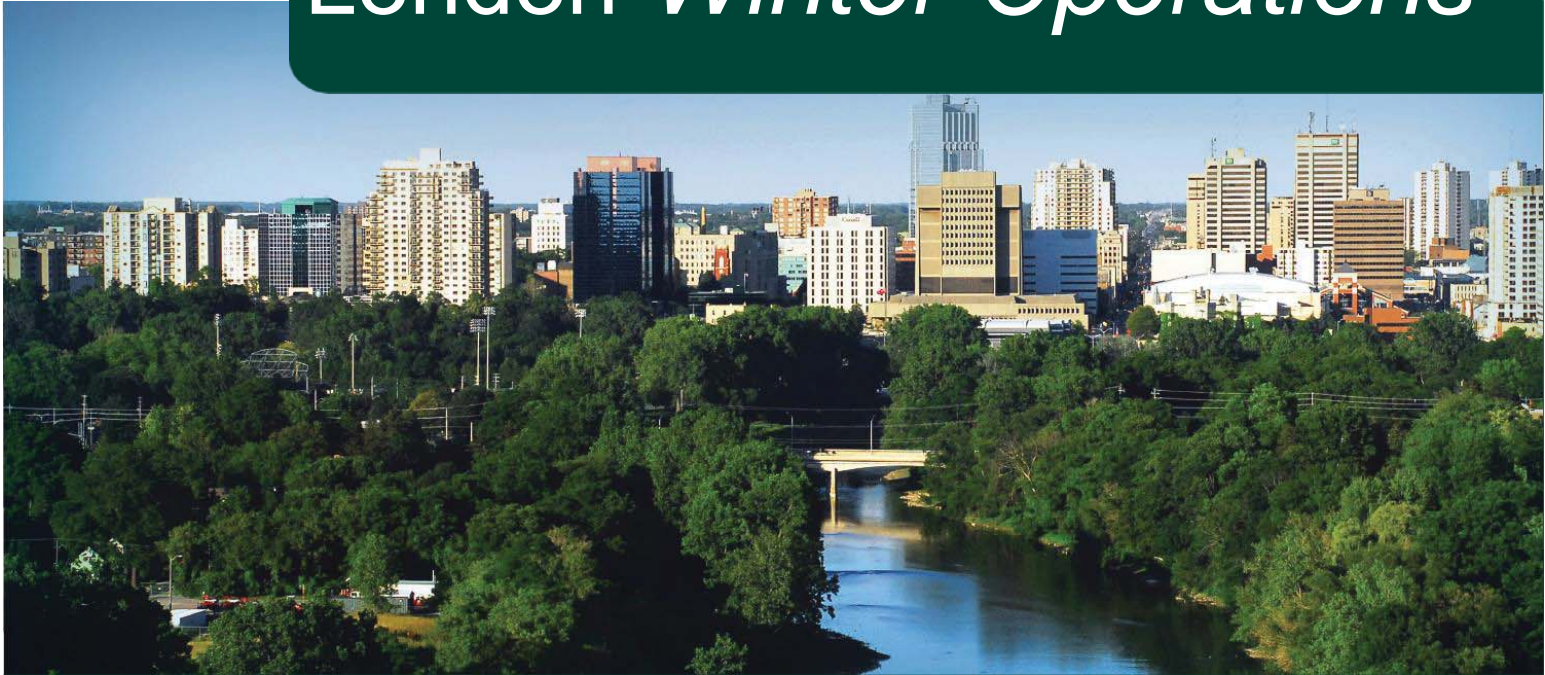
PUBLIC PARTICIPATION MEETING COMMENTS

3.1 Sewer Private Drain Connection Policy Review Results: Proposed Drainage By-law (WM-4) and Wastewater and Stormwater By-law (WM-28) Amendments

- M. Wallace, London Development Institute - Thank you Mr. Chair, Councillors, members of committee. My name is Mike Wallace, I'm the Executive Director of the London Development Institute and I'm here very briefly to thank engineering staff and everyone involved in the discussion on this committee. They were very proactive, your staff was very proactive in communicating with the industry on these particular items, particularly the PDC clean out issue, and we're happy to see it here tonight and fully support the recommendation in front of you. Thank you very much.



London *Winter Operations*



Winter Maintenance Program Support
Civic Works Committee July 23, 2019

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London By The Numbers

When the snow arrives our team manages
3,713 kms of roadway
1,536 kms of sidewalk
750 cul-de-sacs
2,150 bus stops.

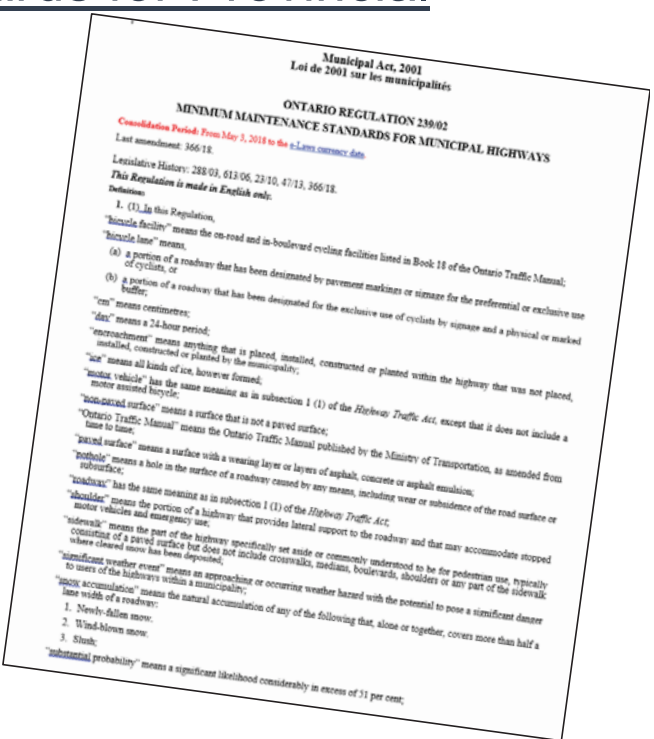


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Yearly Summary of Snowfall Events @ London Airport							
	>=0	>=2.5	>=5	>=7	>=8	>=10	>=15
	cm	cm	cm	cm	cm	cm	cm
2007	89	32	10	7	5	4	2
2008	96	41	26	15	14	11	7
2009	66	16	9	3	2	1	0
2010	62	18	12	9	8	7	5
2011	74	31	14	9	8	7	2
2012	56	18	8	4	2	2	1
2013	93	31	12	8	7	5	2
2014	75	29	13	8	7	4	2
2015	58	20	10	6	5	3	1
2016	65	30	17	14	11	7	1
Average	73	27	13	8	7	5	2

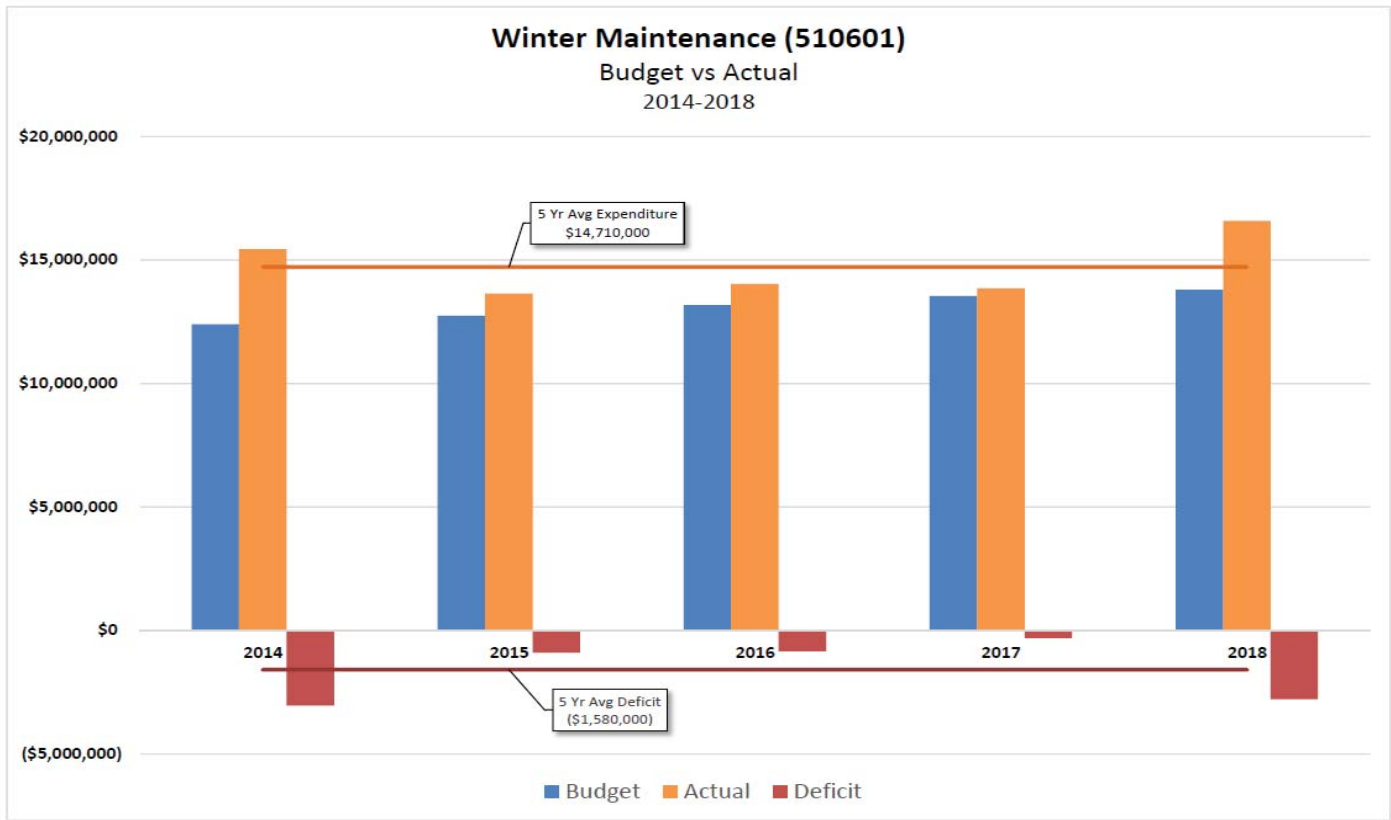
Service Level

- Council adopted the Ontario Regulation 239/02 Minimum Maintenance Standards for Provincial Highways in 2003
- Updated in May 2018 and reported to Council in August 2018
- Includes. Roadways, Sidewalks and on-road cycling facilities



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Service Level Cost



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Road Snow Clearing

Pre-Snowfall

- Anti-icing - use Brine to treat roads to break bond of snow/ice to road

Light Snowfall

- Deploy salt trucks with plows to main roads/ bus routes - 24/7 shift

Heavy Snowfall

- Deploy road plows as required to clear snow accumulation in this order – Main streets, Bus routes then local streets once 10cm of accumulation occurs.



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Sidewalk Snow Clearing

- Sidewalk service level allows for 8cm of accumulation before plowing starts. Apply sand as required
- Crews have 48 hours after the snowfall ends to clear the sidewalk
- Bare pavement or sidewalk is not a requirement under the regulation.
- Snow packed surfaces are typical in London and in Ontario



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Bus Stop Service Level

- After the sidewalks are cleared, crews begin clearing bus stops. This is a Council approved standard and funded by London Transit Commission
- Bare surface is not a requirement. Apply sand as required
- Snow packed surfaces are typical in London and in Ontario



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Council Resolution

- That Civic Administration BE DIRECTED to investigate and report back, before the next multi-year budget process, on the operational and budget impacts of the following items to snow clearing:
- lowering the snow clearing of residential streets from 10 cm to 8 cm and 7 cm options;
- the capital cost for new equipment and options for faster response times during heavy or consecutive snowfall events;
- lowering the threshold of sidewalk snow clearing from 8 cm to 5 cm;
- ensuring that school walking routes are cleared of snow as a priority; and,
- Reviewing of current plowing routes, and available technologies to implement smarter, more flexible and more responsive snow clearing.

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Winter Maintenance Program Support Options

Option	Description	Estimated Additional Annual Operating Budget
1	Residential Road Plowing: The current practice prescribed by the Provincial Standards is to deploy plows on residential streets once snow accumulation reaches 10 cm. Lowering the threshold for road plow deployments from <u>10 cm to 8 cm</u> of snow on residential streets would increase the deployments, on average, <u>(2) two additional</u> times based on historical records.	\$500,000
2	Residential Road Plowing: The current practice prescribed by the Provincial Standards is to deploy plows on residential streets once snow accumulation reaches 10 cm. Lowering the threshold for road plow deployments from <u>10 cm to 7 cm</u> of snow on residential streets would increase the deployments, on average, <u>(3) three additional</u> times based on historical records. The LTC will see increased costs due to additional bus stop clearing to match the more frequent road threshold and address windrows. This cost is estimated at \$23,000.	\$760,000 + LTC \$23,000

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Winter Maintenance Program Support Options

Option	Description	Estimated Additional Annual Operating Budget
3	Sidewalk Plowing: The MMS threshold is 8 cm of snow accumulation before equipment is deployed and it allows for 48 hours after the snowfall ends to clear the sidewalk. Lowering the threshold for sidewalk snow clearing from <u>8 cm to 5 cm</u> would require, on average, <u>six (6) six additional</u> deployments. This option does not include prioritization of school areas in Option 4. The LTC will see increased costs due to additional bus stop clearing to match the more frequent sidewalk threshold and address windrows. This cost is estimated at \$140,000.	\$600,000 + \$140,000
4	Prioritize school area sidewalks (more timely 8 cm response): This option will provide earlier sidewalk clearing to all school <u>main entrances</u> including those on local streets. School route plowing would be done at the same time as main roads and transit routes. The cost assumes additional sidewalk plowing equipment for <u>one access route</u> to the schools main entrance without significantly affecting main route sidewalk plowing completion time. There would be no change to sidewalk clearing leading to rear or side entrances.	\$280,000
5	Prioritize school area sidewalks (more timely 5 cm response): Same comments as Option 4, but with <u>six (6) additional</u> deployments	\$520,000

Recommendation: Options BE CONSIDERED as part of 2020-2023 Budget