
Public Works and Infrastructure Committee

Meeting No.	16	Contact	Rosalind Dyers, Committee Administrator
Meeting Date	Wednesday, June 4, 2008	Phone	416-392-8018
Start Time	9:30 AM	E-mail	pwic@toronto.ca
Location	Committee Room 1, City Hall		

Public Works and Infrastructure Committee		
Councillor Glenn De Baeremaeker (Chair)	Councillor Shelley Carroll	Councillor Chin Lee
Councillor Adam Giambrone (Vice-Chair)	Councillor Mark Grimes	Councillor John Parker

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Declarations of Interest under the Municipal Conflict of Interest Act.**Confirmation of Minutes – May 7, 2008****Speakers/Presentations – A complete list will be distributed at the meeting****Communications/Reports****(Deferred from April 9, 2008 - 2008.PW14.12 for Public Presentation and Debate)**

PW16.1	Information			Ward: All
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Feasibility and Benefits of Roundabouts in Toronto

(March 25, 2008) Report from the General Manager, Transportation Services.

Financial Impact

There are no financial impacts arising from the receipt of this report.

Summary

This report discusses roundabouts and their operations and the consideration of their use within the City of Toronto. It is generally acknowledged that roundabouts can improve vehicle operations and safety if properly designed. Some of the benefits gained through their use include:

- reduced vehicle delays and queues;
- lower traffic speeds that reduce collision frequency and severity;
- reduced vehicle emissions through fewer starts and stops and less delay; and
- potentially reduced operation and maintenance costs when compared to signalized intersections.

Roundabouts also have some associated disadvantages when considered in a city that is as well developed as the City of Toronto. Of particular concern is that roundabouts:

- are not friendly to pedestrians and cyclists, particularly children, elderly, the disabled, blind and visually-impaired;
- are likely to require land acquisition; and
- are costly and disruptive to implement.

As a result of the foregoing, there are limited opportunities in the City to convert existing signalized intersections to roundabouts and, consequently, it is not recommended that a roundabout be implemented at a specific location even on a pilot-project basis. However, Transportation Services will continue to consider roundabouts as an option when assessing the reconfiguration of existing intersections and in the design of new intersections.

Background Information

2008-06-04-pw16.1-Staff Report

<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13447.pdf>

PW16.2	ACTION			Ward: 13, 14, 15, 18, 35
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2008 Bikeway Network Program - Phase 2 Installation of Bicycle Lanes

(May 20, 2008) Report from the General Manager, Transportation Services.

Recommendations

The General Manager, Transportation Services recommends that:

1. City Council approve the installation of bicycle lanes on both sides of Annette Street, from Runnymede Road to Dundas Street West, as detailed in Appendix A of this report.
2. City Council approve the installation of bicycle lanes on both sides of Dupont Street, from Dundas Street West to Lansdowne Avenue, as detailed in Appendix A of this report.
3. City Council approve the installation of bicycle lanes on both sides of Marlee Avenue, from Roselawn Avenue to Dell Park Avenue, as detailed in Appendix A of this report.
4. City Council approve the installation of bicycle lanes on both sides of Pharmacy Avenue, from a point 45 metres south of Denton Avenue to a point 30 metres south of Alvinston Road, as detailed in Appendix A of this report.
5. City Council approve the amendments to the traffic and parking regulations detailed in Appendix B of this report.
6. City Council authorize and direct the appropriate City officials to take the necessary action to give effect thereto, including the introduction of all necessary bills.

Financial Impact

Funds to implement the bicycle lanes contained in this report are provided for within the Transportation Services Division 2008 Capital Budget in the Cycling Infrastructure Account CTP 808-05.

Summary

The purpose of this report is to obtain authority to install bicycle lanes on Annette Street, Dupont Street, Marlee Avenue and Pharmacy Avenue. This report is the second of several reports to obtain approval for installing bicycle lanes as part of the Toronto Bike Plan - 2008 Bikeway Network Program.

The affected Ward Councillors have been consulted and support the bicycle lanes proposed in their respective Wards.

Background Information

2008-06-04-pw16.2-Staff Report and Appendices A and B

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13448.pdf>)

2008-06-04-pw16.2-Drawing 421P0075

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13449.pdf>)

2008-06-04-pw16.2-Drawing 421P0049

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13450.pdf>)

2008-06-04-pw16.2-Drawing 421P0050

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13451.pdf>)

2008-06-04-pw16.2-Drawing 421P0081

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13452.pdf>)

2008-06-04-pw16.2-Drawing 421P0082

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13453.pdf>)

2008-06-04-pw16.2-Drawing 421P0080

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13454.pdf>)

2008-06-04-pw16.2-Drawing 421P0079

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13455.pdf>)

PW16.3	ACTION			Ward: 17, 21
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St. Clair Avenue West, Between Caledonia Road/Caledonia Park Road and Vaughan Road - Road Alterations and Traffic Regulations for the St. Clair Avenue West Transit Improvement Project

(May 16, 2008) Report from the General Manager, Transportation Services.

Recommendations

The General Manager, Transportation Services recommends that:

1. City Council authorize the preparation of a by-law for the alteration of St. Clair Avenue West, between Westmount Avenue and Vaughan Road, to allow construction of the Preferred Design Concept identified through the St. Clair Avenue West Transit Improvements Class Environmental Assessment study process. The modifications, generally as shown on Drawing Nos. 421F-9227, 421F-9228, 421F-9229, 421F-9230, 421F-9231, EY08-58, EY08-59, EY08-60, EY08-61 and EY08-62, dated March 2008, include:

- a. construction of a raised, mountable trackbed in the centre of St. Clair Avenue West, between signalized intersections, for the exclusive use of public transit vehicles and emergency service vehicles, including Police, Fire, and Emergency Medical Services;
 - b. removal of all existing streetcar platforms and replacement with new, wider farside platforms on the north side of St. Clair Avenue West, west of Northcliffe Boulevard, west of Glenholme Avenue, east of Oakwood Avenue, west of Winona Drive, west of Arlington Avenue, west of Christie Street, and west of Wychwood Avenue; and on the south side of St. Clair Avenue West, east of Northcliffe Boulevard, east of Glenholme Avenue, east of Oakwood Avenue, east of Winona Drive, east of Arlington Avenue, east of Christie Street, and east of Wychwood Avenue;
 - c. widening the pavement, up to 1.8 metres, on the north and south sides of St. Clair Avenue West, at Northcliffe Boulevard, at Glenholme Avenue, at Oakwood Avenue, at Alberta Avenue, at Winona Drive, at Arlington Avenue, at Christie Street, and at Wychwood Avenue; and
 - d. narrowing the pavement up to 2.1 metres, on St. Clair Avenue West, at Lauder Avenue (northeast and southwest corners), at Glenholme Avenue (northeast and southeast corners), at Appleton Avenue (northeast corner), at Crang Avenue (northwest corner), at Rushton Road (northwest corner), at Pinewood Avenue (northwest corner) and at Wychwood Avenue (northwest, southwest and southeast corners).
2. City Council rescind the existing parking regulations on St. Clair Avenue West, between Caledonia Road/Caledonia Park Road and Vaughan Road, listed in the attached Appendix “A”.
 3. City Council enact the proposed parking regulations on St. Clair Avenue West, between Caledonia Road/Caledonia Park Road and Vaughan Road, listed in the attached Appendix “B”.
 4. City Council rescind the existing turn prohibitions on St. Clair Avenue West, between Caledonia Road/Caledonia Park Road and Vaughan Road, listed in the attached Appendix “C”.
 5. City Council enact the proposed turn prohibitions and compulsory turns on St. Clair Avenue West, between Caledonia Road/Caledonia Park Road and Vaughan Road, listed in the attached Appendix “D”.
 6. City Council rescind the existing reserved lane designations on St. Clair Avenue West, between Caledonia Road/Caledonia Park Road and Vaughan Road, listed in the attached Appendix “E”.

7. City Council enact the proposed reserved lane designations on St. Clair Avenue West, between Caledonia Road/Caledonia Park Road and Vaughan Road, listed in the attached Appendix “F”.
8. City Council enact the proposed one-way traffic lanes on St. Clair Avenue West, between Caledonia Road/Caledonia Park Road and Vaughan Road, listed in the attached Appendix “G”.
9. City Council rescind the existing streetcar loading platforms on St. Clair Avenue West, between Caledonia Road/Caledonia Park Road and Vaughan Road, listed in the attached Appendix “H”.
10. City Council enact the proposed streetcar loading platforms on St. Clair Avenue West, between Caledonia Road/Caledonia Park Road and Vaughan Road, listed in the attached Appendix “I”.
11. City Council approve the installation of traffic control signals at the intersection of St. Clair Avenue and Alberta Avenue as identified through the St. Clair Avenue West Transit Improvements Class Environmental Assessment study process, generally as shown in Drawing No. EY08-62, dated March 2008.

Financial Impact

All costs associated with the road alterations and traffic regulation changes have been included for funding as part of the St. Clair Avenue West Transit Improvement Project.

Summary

Transportation Services is seeking authority to introduce road alteration by-laws and amendments to traffic regulations on St. Clair Avenue West, from Westmount Avenue to Vaughan Road, to allow for the construction and implementation of the St. Clair Avenue West Transit Improvement Project as approved by City Council.

Background Information

2008-06-04-pw16.3-Staff Report and Appendices A-I

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13456.pdf>)

2008-06-04-pw16.3-Drawings

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13457.pdf>)

PW16.4	ACTION			Ward: All
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Requests for Quotation 6032-08-0011 to 6032-08-0019 (Inclusive) for Winter Maintenance on City of Toronto Roads, Salting, Snow Ploughing and Snow Removal for Expressways, Arterial and Collector Roads

(May 20, 2008) Report from the General Manager, Transportation Services and the Acting Director, Purchasing and Materials Management.

Recommendations

The General Manager of Transportation Services and the Acting Director of Purchasing and Materials Management Division recommend that the Public Works and Infrastructure Committee:

1. Request for Quotation 6032-08-0011
Grant authority to award a contract for Winter Maintenance on City of Toronto Roads, Salting, Snow Ploughing and Snow Removal for Expressways, Arterial and Collector Roads, Depot 1, within Toronto and East York Area 1, for the 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, and 2014-2015 [seven (7) winter seasons], to Gazzola Paving Ltd, being the lowest bidder meeting specifications. The potential cost in the first winter season from October 15, 2008 to April 15, 2009 is in the amount of \$2,386,081.60 net of GST. The “Adjusting Index” noted in the RFQ will be implemented by the City annually commencing the second winter season and will be applied to reflect the percentage change in the cost of labour, vehicle capital and operational maintenance cost encountered by the recommended bidder over the term of the contract from the 2008 base year. Additional details related to the Adjusting Index are provided in Appendix A. The total potential contract award identified in this report is \$18,283,260.02 net of GST, including an estimate of the annual cost adjustments using 3% per year after year 1.

2. Request for Quotation 6032-08-0012
Grant authority to award a contract for Winter Maintenance on City of Toronto Roads, Salting, Snow Ploughing and Snow Removal for Expressways, Arterial and Collector Roads, Depot 2, within North York District, for the 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, and 2014-2015 [seven (7) winter seasons], to Cruickshank Construction Ltd., being the lowest bidder meeting specifications. The potential cost in the first winter season from October 15, 2008 to April 15, 2009 is in the amount of \$2,637,397.29 net of GST. The “Adjusting Index” noted in the RFQ will be implemented by the City annually commencing the second winter season and will be applied to reflect the percentage change in the cost of labour, vehicle capital and operational maintenance cost encountered by the recommended bidder over the term of the contract from the 2008 base year. Additional details related to the Adjusting Index are provided in Appendix A. The total potential contract award identified in this report is \$20,208,956.99 net of GST, including an estimate of the annual cost adjustments using 3% per year after year 1.

3. Request for Quotation 6032-08-0013

Grant authority to award a contract for Winter Maintenance on City of Toronto Roads, Salting, Snow Ploughing and Snow Removal for Expressways, Arterial and Collector Roads, Depot 3, within North York District, for the 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, and 2014-2015 [seven (7) winter seasons], to D. Crupi & Sons Limited, being the lowest bidder meeting specifications. The potential cost in the first winter season from October 15, 2008 to April 15, 2009 is in the amount of \$2,155,761.00 net of GST. The “Adjusting Index” noted in the RFQ will be implemented by the City annually commencing the second winter season and will be applied to reflect the percentage change in the cost of labour, vehicle capital and operational maintenance cost encountered by the recommended bidder over the term of the contract from the 2008 base year. Additional details related to the Adjusting Index are provided in Appendix A. The total potential contract award identified in this report is \$16,518,437.13 net of GST, including an estimate of the annual cost adjustments using 3% per year after year 1.

4. Request for Quotation 6032-08-0014

Grant authority to award a contract for Winter Maintenance on City of Toronto Roads, Salting, Snow Ploughing and Snow Removal for Expressways, Arterial and Collector Roads, Depot 4, within Scarborough District, for the 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, and 2014-2015 [seven (7) winter seasons], to D. Crupi & Sons Limited, being the lowest bidder meeting specifications. The potential cost in the first winter season from October 15, 2008 to April 15, 2009 is in the amount of \$3,356,105.00 net of GST. The “Adjusting Index” noted in the RFQ will be implemented by the City annually commencing the second winter season and will be applied to reflect the percentage change in the cost of labour, vehicle capital and operational maintenance cost encountered by the recommended bidder over the term of the contract from the 2008 base year. Additional details related to the Adjusting Index are provided in Appendix A. The total potential contract award identified in this report is \$25,716,027.64 net of GST, including an estimate of the annual cost adjustments using 3% per year after year 1.

5. Request for Quotation 6032-08-0015

Grant authority to award a contract for Winter Maintenance on City of Toronto Roads, Salting, Snow Ploughing and Snow Removal for Expressways, Arterial and Collector Roads, Depot 5, within Etobicoke York District, for the 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, and 2014-2015 [seven (7) winter seasons], to Steed & Evans Limited, being the lowest bidder meeting specifications. The potential cost in the first winter season from October 15, 2008 to April 15, 2009 is in the amount of \$2,915,774.00 net of GST. The “Adjusting Index” noted in the RFQ will be implemented by the City annually commencing the second winter season and will be applied to reflect the percentage change in the cost of labour, vehicle capital and operational maintenance cost encountered by the recommended bidder over the term of the contract from the 2008 base year. The total potential contract award identified in this report is \$22,342,008.00 net of GST, including an estimate of the annual cost adjustments using 3% per year after year 1.

6. Request for Quotation 6032-08-0016
Grant authority to award a contract for Winter Maintenance on City of Toronto Roads, Salting, Snow Ploughing and Snow Removal for Expressways, Arterial and Collector Roads, Depot 6, within Toronto and East York Area 1, for the 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, and 2014-2015 [seven (7) winter seasons], to K.J. Beamish Construction Co. Ltd being the lowest bidder meeting specifications. The potential cost in the first winter season from October 15, 2008 to April 15, 2009 is in the amount of \$2,665,707.60 net of GST. The “Adjusting Index” noted in the RFQ will be implemented by the City annually commencing the second winter season and will be applied to reflect the percentage change in the cost of labour, vehicle capital and operational maintenance cost encountered by the recommended bidder over the term of the contract from the 2008 base year. Additional details related to the Adjusting Index are provided in Appendix A. The total potential contract award identified in this report is \$20,425,881.37 net of GST, including an estimate of the annual cost adjustments using 3% per year after year 1.

7. Request for Quotation 6032-08-0017
Grant authority to award a contract for Winter Maintenance on City of Toronto Roads, Salting, Snow Ploughing and Snow Removal for Expressways, Arterial and Collector Roads, Depot 7, within Toronto and East York Area 2, for the 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, and 2014-2015 [seven (7) winter seasons], to Steed and Evans Ltd, being the lowest bidder meeting specifications. The potential cost in the first winter season from October 15, 2008 to April 15, 2009 is in the amount of \$2,509,579.40 net of GST. The “Adjusting Index” noted in the RFQ will be implemented by the City annually commencing the second winter season and will be applied to reflect the percentage change in the cost of labour, vehicle capital and operational maintenance cost encountered by the recommended bidder over the term of the contract from the 2008 base year. Additional details related to the Adjusting Index are provided in Appendix A. The total potential contract award identified in this report is \$19,229,557.24 net of GST including an estimate of the annual cost adjustments using 3% per year after year 1.

8. Request for Quotation 6032-08-0018
Grant authority to award a contract for Winter Maintenance on City of Toronto Roads, Salting, Snow Ploughing and Snow Removal for Expressways, Arterial and Collector Roads, Depot 8, within Scarborough District, for the 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, and 2014-2015 [seven (7) winter seasons], to Fowler Construction Company Limited, being the lowest bidder meeting specifications. The potential cost in the first winter season from October 15, 2008 to April 15, 2009 is in the amount of \$3,464,912.74 net of GST. The “Adjusting Index” noted in the RFQ will be implemented by the City annually commencing the second winter season and will be applied to reflect the percentage change in the cost of labour, vehicle capital and operational maintenance cost encountered by the recommended bidder over the term of the contract from the 2008 base year. Additional details related to the Adjusting Index are provided in Appendix A. The total potential contract award identified in this report is \$26,549,762.83 net of GST, including an estimate of the annual cost adjustments using 3% per year after year 1.

9. Request for Quotation 6032-08-0019

Grant authority to award a contract for Winter Maintenance on City of Toronto Roads, Salting, Snow Ploughing and Snow Removal for Expressways, Arterial and Collector Roads, Depot 9, within Etobicoke York District, for the 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, and 2014-2015 [seven (7) winter seasons], to Carillion Canada Inc., being the lowest bidder meeting specifications. The potential cost in the first winter season from October 15, 2008 to April 15, 2009 is in the amount of \$3,171,965.34 net of GST. The “Adjusting Index” noted in the RFQ will be implemented by the City annually commencing the second winter season and will be applied to reflect the percentage change in the cost of labour, vehicle capital and operational maintenance cost encountered by the recommended bidder over the term of the contract from the 2008 base year. Additional details related to the Adjusting Index are provided in Appendix A. The total potential contract award identified in this report is \$24,305,064.46 net of GST, including an estimate of the annual cost adjustments using 3% per year after year 1.

The total potential cost to the City of nine contract awards is \$193,578,955.68 net of GST, including an estimate of the annual cost adjustments using 3% per year after Year 1.

Financial Impact

The total potential cost of the nine contract awards over the seven winter seasons is \$202,540,944.37 including all charges and applicable taxes and an estimate of the annual cost adjustments using 3% per year after year 1. The annual cost estimate of 3% growth is consistent with the increase in winter maintenance contract prices over the last 5 years. The total potential cost to the City is \$193,578,955.68 net of GST including an estimate of the annual cost adjustments using 3% per year after year 1. Funds needed between October 15 to December 31, 2008 will be provided in the Transportation Services Division’s 2008 Operating Budget in the amount of \$9,190,943.80 net of GST from various operating accounts as noted in the table below. The approval of the nine contract awards will commit the City to be \$6,423,643.80 over budget in the amount allocated for winter maintenance in the Transportation Services Division’s 2008 Operating Budget. The shortfall will be funded from the Winter Control Stabilization Reserve. The remaining first winter’s funding need between January 1 and April 15, 2009 in the amount of \$16,072,342.17, along with the first part of the second winter’s adjusted cost, will be submitted for approval in the 2009 budget submission. The budget for the first winter season requirement is \$25,263,283.97 net of GST.

Summary

This report is within the delegated authority of the Public Works and Infrastructure Committee.

The purpose of this report is to advise on the results of the Requests for Quotation (RFQ) 6032-08-0011, 6032-08-0012, 6032-08-0013, 6032-08-0014, 6032-08-0015, 6032-08-0016, 6032-08-0017, 6032-08-0018 and 6032-08-0019 for Winter Maintenance on City of Toronto Roads, Salting, Snow Ploughing and Snow Removal for Expressways, Arterial and Collector Roads for the 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014 and 2014-2015 [seven (7) winter seasons], in accordance with specifications as required by Toronto Transportation Services, and to request authority to award contracts to the recommended bidders.

Background Information

2008-06-04-pw16.4-Staff Report

<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13458.pdf>

PW16.5	ACTION			Ward: 41
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Proposed Speed Limit Reduction and Other Safety Issues - Northwest Quadrant Sandhurst Circle at Albert Campbell Collegiate Institute

(May 7, 2008) Letter from the Scarborough Community Council.

Recommendations

The Scarborough Community Council, among other things, recommends that:

1. the Public Works and Infrastructure Committee and City Council approve the installation of Pedestrian activated traffic control signals on Sandhurst Circle, at the existing site of the pedestrian crossover at the Northwest Quadrant at Albert Campbell Collegiate Institute.

Summary

Advising that the Scarborough Community Council, at its meeting on May 6, 2008, among other things, considered a report (April 16, 2008) from the Director, Transportation Services, Scarborough District, seeking approval for the installation of a reduced speed limit along the northwest quadrant of Sandhurst Circle that has its north limit at the west side of McCowan Road and its south limit at the north side of Finch Avenue East. Along this section of Sandhurst Circle a 40 kilometre per hour (km/h) speed limit is technically justified and recommended.

Background Information

2008-06-04-pw16.5-Letter from Scarborough CC

<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13459.pdf>

2008-06-04-pw16.5-Staff Report

<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13460.pdf>

2008-06-04-pw16.5-Attachment-Map

<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13461.pdf>

PW16.6	ACTION			Ward: 13, 14
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Jamieson Avenue Crossing - Request for Temporary Accessible Pedestrian Crossing from Parkdale to the Waterfront

(May 15, 2008) Letter from the Toronto Pedestrian Committee.

Recommendations

The Toronto Pedestrian Committee recommended to the Public Works and Infrastructure Committee that the City install a temporary accessible pedestrian crossing from Parkdale to the Waterfront, in close proximity to the Jamieson Avenue crossing, to provide access during the closure of the Jamieson Avenue crossing.

Summary

Advising that The Toronto Pedestrian Committee on May 13, 2008, considered a verbal report from Roger Brook, Member, Toronto Pedestrian Committee, advising that the Jamieson Avenue Crossing will be closed for the summer and that there will be no access from Parkdale to the Waterfront.

Background Information

2008-06-04-pw16.6-Letter from Toronto Pedestrian Committee

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13462.pdf>)

2008-06-04-pw16.6a-Letter from Councillor Perks

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13463.pdf>)

6a Construction Projects and Access to the Waterfront

(May 26, 2008) Letter from Councillor Gord Perks.

Recommendations

1. That Transportation, Technical Services, Toronto Water or any other relevant staff notify affected Councillors' offices by hard copy and by email delivery of any major construction projects in their respective wards at least 6 months in advance of the project start date.
2. That any construction projects which impede pedestrian and/or vehicular waterfront access be expressly brought to the attention of the Councillor's office, Waterfront Secretariat staff and/or staff of the Waterfront West Master Plan group (if boundaries apply), and that the projects receive sign off of all aforementioned bodies before proceeding with any projects plans.
3. That alternate access plans or routes to the Waterfront, as agreed to by the above noted parties, be clearly outlined and communicated to the Councillor's office and in any hard copy and email notices that are circulated to affected residents in the area.

Summary

Notification of major Works construction projects are sent to the affected Councillors' office(s) by hard copy only. Confirmation of receipt of the hard copy notices is not sought by City staff, and it is assumed that the Councillor's office has been notified and is signing off if comments are not provided.

This process does not currently include additional email notification to the Councillor's office. Email delivery can be introduced as further assurance that notification has been received.

The Jameson Pedestrian Bridge Rehabilitation project began May of 2008. Residents in the area received notices of this work approximately one week before the bridge closing date, with no alternate access to the Waterfront indicated. My office has no record of receiving the hard copy notification, and therefore were unable to properly consult with stakeholders to provide comments.

There are several issues identified with this project. The Jameson Bridge project severely restricts pedestrian access to the Waterfront for Parkdale-High Park residents during the summer months. Though alternate crossings have been identified in the notification, the distance to travel to and from these points is huge problem. In addition to this, one of the alternate routes indicated in the construction notice will actually not be available for part of the construction timeline.

Technical Services also did not consult with City staff from the Western Waterfront Master Plan (WWMP) study, which is currently examining ways to preserve and enhance access to the Waterfront. This pedestrian bridge at Jameson Avenue is identified in the study as one of only three major access routes to Waterfront. WWMP City staff have extensive knowledge of the area through their work with residents and community stakeholders, and have a keen sense of how the community interacts with these access points. Master Plan staff would have therefore brought considerable levels of analysis to construction site plans and route access changes.

PW16.7	Information			Ward: All
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Identification and Promotion of Major Historical Paths, Trails and Routes in the City of Toronto - Pedestrian and Bicycle Route Considerations

(May 15, 2008) Letter from the Toronto Cycling Advisory Committee.

Recommendations

The Toronto Cycling Advisory Committee recommends that the Public Works and Infrastructure Committee request Heritage Toronto to review the information provided by Ian Wheal, regarding the Identification and Promotion of Major Historic Paths, Trails and Routes in the City of Toronto, and consider the possible designation and erection of a plaque to commemorate the Major Historic Paths, Trails and Routes in the City of Toronto.

Summary

Advising that The Toronto Cycling Advisory Committee on May 12, 2008, considered a communication (April 14, 2008) and heard a 10-minute presentation from Ian Wheal on the data that he has researched and gathered regarding Major Historic Paths, Trails and Routes into and out of Toronto from pre 1793 to post 1850; and identifying the barriers created by geology and geography, and human barriers constructed since 1850.

Background Information

2008-06-04-pw16.7-Letter from Toronto Cycling Advisory Committee
<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13464.pdf>

2008-06-04-pw16.7-Communication from Ian Wheal
<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13465.pdf>

PW16.8	ACTION			Ward: All
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Installation of Cut-throughs

(May 15, 2008) Letter from the Toronto Cycling Advisory Committee.

Recommendations

The Toronto Cycling Advisory Committee recommends that the Public Works and Infrastructure Committee request:

1. the General Manager, Transportation Service Division, to report on the feasibility of creating a City-wide policy regarding the installation of cut-throughs at non-signalized intersections; and prepare a list of possible locations; and
2. the Toronto Transit Commission, as part of their Transit City program, to consider the inclusion of cut-through access on transit right-of-ways.

Summary

Advising that The Toronto Cycling Advisory Committee on May 12, 2008, considered a request to:

- a. hold a discussion on the feasibility on installing ‘cut-throughs’ (as shown in the sample picture on Appendix 1 to this communication);
- b. identify specific existing locations, which could then be reviewed by Transportation Services Division staff for remedial work; and
- c. as part of Transit City, identify any opportunities to include the installation of ‘cut-throughs’.

Background Information

2008-06-04-pw16.8-Letter from Toronto Cycling Advisory Committee
<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13466.pdf>

PW16.9	ACTION			Ward: 8, 9, 10, 15, 16, 23, 24, 25, 26, 33, 34
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Snow Clearing - North York District (Item NY15.44)

(May 13, 2008) Letter from North York Community Council.

Recommendations

North York Community Council referred the following recommendations to the Public Works and Infrastructure Committee:

1. That the General Manager, Transportation Services Division, be requested to:
 - a. improve the windrow clearing program so that windrows are opened in conjunction with street plowing rather than at a later time;
 - b. restore sidewalk clearing standards to the former City of North York standard and that sidewalk clearing include the deposit of sand or some other slip retardant or skid material; and
 - c. give consideration to clearing the snow on sidewalks, especially where the TTC buses stop to pick-up and drop-off passengers.

2. That the General Manager, Transportation Services, be requested to report on:
 - a. ways to better clear the snow from bus shelters and bus stops, in consultation with the Toronto Transit Commission;
 - b. ways to clear the snow from the Toronto Parking Authority Pay and Display machines, in consultation with the staff of the Toronto Parking Authority; and
 - c. the estimated costs associated with implementing the improvements identified in Recommendations 1a., 1b., and 2a. and 2b. referred to above.

Summary

Advising that North York Community Council on May 6, 2008, considered a report (March 17, 2008) from the Director, Transportation Services, North York District, reporting on a request to provide an update on the progress of snow clearing in the North York District area including a summary of complaints received to date.

Background Information

2008-06-04-pw16.9-Letter from North York CC
<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13467.pdf>
 2008-06-04-pw16.9-Attachment Staff Report
<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13468.pdf>
 2008-06-04-pw16.9-Attachment 1-Salt Management Plan
<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13469.pdf>

2008-06-04-pw16.9-Attachment 2-Salt Management Plan
<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13470.pdf>

PW16.10	ACTION			Ward: All
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Purchase Order Amendment - Contract Nos. 47006995 and 47003720 For Front End Load Waste, Bulky Items and Recyclables Collection

(May 21, 2008) Report from the General Manager, Solid Waste Management Services and the Acting Director, Purchasing and Materials Management Division.

Recommendations

The General Manager, Solid Waste Management Services, and Acting Director, Purchasing and Materials Management recommend that the Public Works and Infrastructure Committee:

1. Grant authority to increase Contract No. 47006995 to BFI Canada, by \$986,399.76 excluding G.S.T. to a new total value of \$11,986,399.76 excluding G.S.T. and that the appropriate officials be authorized and directed to take the necessary action to give effect thereto.
2. Grant authority to increase Contract No. 47003720 to Waste Management of Canada Corporation by \$9,276,543.00 excluding G.S.T. to a new total value of \$34,065,987.00 excluding G.S.T. and that the appropriate officials be authorized and directed to take the necessary action to give effect thereto.

Financial Impact

The revised amount in the purchase order amendment for waste collection services covered under Contract No. 47006995 to the end of the contract term on January 31, 2008 is \$986,399.76. The 2008 Approved Operating Budget for Solid Waste Management Services includes sufficient funding to cover these additional expenses which will be charged to Cost Element 4440 Contracted Services in various Cost Centers as follows: SW0423, SW0441, and SW0703.

The revised amount in the purchase order amendment for waste collection services covered under Contract No. 47003720 to the end of the contract term on June 30, 2008 is estimated to be \$9,276,543.00. The 2008 Approved Operating Budget for Solid Waste Management Services includes sufficient funding to cover these additional expenses which will be charged to Cost Element 4440 Contracted Services in various Cost Centers as follows: SW0091, SW0098, SW0361, SW0368, SW0577 and SW0584.

The Deputy City Manager and Chief Financial Officer has reviewed this report and agrees with the financial impact information.

Summary

This report is within the delegated authority of the Public Works and Infrastructure Committee.

This report requests authority to increase the value of Contract No. 47006995 for Front End Load Waste collection and Bulky Items collection in the former North York and Scarborough areas for the period of February 1, 2003 to January 31, 2008 by a total estimated amount of \$986,399.76 excluding G.S.T. from \$11,000,000.00 to \$11,986,399.76.

This report also requests authority to increase the value of Contract No. 47003720 for Front End Load Waste collection, Bulky Items collection and Recyclables collection in the former Toronto, York and Etobicoke areas for the period June 18, 2001 to June 30, 2008 by a total estimated amount of \$9,276,543.00 excluding G.S.T. from \$24,789,444.00 to \$34,065,987.00.

The City of Toronto Municipal Code Chapter 71-11.1.C. (Financial Control By-law), requires that if costs for a commitment exceed the original funding by more than 10 percent or \$500,000, approval must be obtained from the appropriate Standing Committee. The amendments are primarily required in order to accommodate growth in recycling and diversion tonnage, new multi-residential developments, and collection from City Agencies, Boards, Commissions and Departments.

Background Information

2008-06-04-pw16.10-Staff Report

<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13472.pdf>

PW16.11	ACTION			Ward: All
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Amendment to the Municipal Code Chapter 681-Sewers, Article 1, Sewage and Land Drainage

(May 20, 2008) Report from the General Manager, Toronto Water.

Recommendations

The General Manager of Toronto Water recommends that:

1. Municipal Code Chapter 681- SEWERS, ARTICLE I - Sewage and Land Drainage be amended in accordance with the draft amending By-law attached as “Appendix -A” to this Report.
2. Council authorize and approve:
 - a. the Environmental Best Management Practices (BMP) document, attached as “Appendix B” – Environmental BMP for Private Swimming Pools, Hot Tubs & Spas in the City of Toronto for facilities with Private Swimming Pools, Hot Tubs/Spas in the City of Toronto; and

- b. the General Manager of Toronto Water to implement the Environmental Best Management Practices (BMP) Program for the Private Swimming Pools, Hot Tubs/Spas accordingly;
3. Council authorize:
 - a. the General Manager of Toronto Water to prescribe the form of agreement permitting the discharge of hauled sewage, in compliance with the Chapter 681 and such other terms and conditions as the General Manager may prescribe, at designated City wastewater treatment plants (the “hauled sewage discharge agreement”), provided that the form of agreement is satisfactory to the City Solicitor; and
 - b. the General Manager of Toronto Water to enter into and execute the hauled sewage discharge agreements and any other documents necessary to bring effect to the agreements.
 4. The General Manager of Toronto Water be authorized to prescribe the form of any agreement(s) required or permitted under Chapter 681 and to amend or revise such agreement form(s) from time to time, provided that the agreement, amendment(s) or revision(s), as the case may be, are in a form satisfactory to the City Solicitor.

Financial Impact

There are no financial implications to the City as a result of this report.

The Deputy City Manager and Chief Financial Officer has reviewed this report and agrees with the financial impact information.

Summary

The purpose of this report is to amend various sections of Toronto Municipal Code Chapter 681 (the Sewer Use By-law) to: revise submission dates for pollution prevention plans; adopt an Environmental Best Management Practices (BMP) process for the discharge of private swimming pools and hot tubs/spas; allow the General Manager of Toronto Water to prescribe the form of various agreements within the By-law to the satisfaction of the City Solicitor; repeal an old North York sewer related By-law; amend a clause about sampling and analytical requirements; and amend certain clauses with regards to the re-use of existing sewer connections.

This report has been reviewed by the City Solicitor.

Background Information

2008-06-04-pw16.11-Staff Report

<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13473.pdf>

2008-06-04-pw16.11-Appendix A-List of Proposed Municipal Code Chapter 681 Amendments

<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13474.pdf>

2008-06-04-pw16.11-Appendix B-Environmental Best Management Practices for Private Swimming Pools, Hot Tubs, Spas in the City of Toronto
<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13475.pdf>

PW16.12	ACTION			Ward: All
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Request for Proposal (RFP) 0713-08-0001: Water Meter Replacement and Automated Meter Reading System

(May 21, 2008) Report from Deputy City Manager, Citizen Focused Service Cluster B, Deputy City Manager and Chief Financial Officer and the Acting Director, Purchasing and Materials Management.

Recommendations

The General Manager Toronto Water, Deputy City Manager - Cluster B, Deputy City Manager and Chief Financial Officer, and the Acting Director of Purchasing and Materials Management recommend that:

1. Council authorize the General Manager of Toronto Water and the Treasurer to negotiate and enter into an agreement, in a form satisfactory to the City Solicitor, with Neptune Technology Group (Canada) Limited in the total amount of \$191,756,663.14, net of GST including provisional items for the Water Meter Replacement and Automated Meter Reading (AMR) System project as specified in RFP 0713-08-0001.
2. An upset limit of funds required to finance the Water Meter Replacement and Automated Meter Reading System project be set at \$219 million (net of GST), including contingency, provisional item and inflationary indexing for labour and materials over the implementation period of six years. The funding requirements per year are in Attachment 2, Table 2.
3. Additional funding required to bring the total project cost for the Water Meter Replacement and Automated Meter Reading System project from \$176.5 million (which is currently included in Toronto Water's 2008 to 2017 Capital Program) to \$219 million (net of GST but including contingency, provisional items and inflationary indexing for labour and materials over the implementation period of six years) to be included within Toronto Water's 2009 Capital Budget submission.

Financial Impact

Comprehensive research and analysis undertaken in 2001 established that the City's water meters are very old, have exceeded their useful life, and are performing well below industry standards. The study also established that current methods utilized by the City to gather metered water readings are labour intensive, inefficient and costly to maintain, as compared to the more modern reading technologies.

Toronto Water's approved 2008-2017 Capital Program includes \$176.5 million for the Water Meter Replacement and Automated Meter Reading System project originally approved by Council in October 2002. Based on current market conditions, additional funds of \$42.5 million are required to finance this project. These funds will be included within the Toronto Water's 2009 Capital Budget submission, bringing the total capital budget for the project to \$219 million including contingency, provisional items and inflationary indexing for labour and materials over the implementation period of six years as outlined in Attachment 1 (net of GST). The funding requirements per year are in Attachment 2, Table 2.

The revised capital budget estimate of \$219 million provides for: i) replacing the City's existing aged water meters while simultaneously installing an automated radio frequency-based meter reading system; and ii) installing water meters in the flat rate accounts in former Toronto and Etobicoke.

Given that financial benefits of approximately \$33 million per year will be realized once the system is fully implemented through a combination of additional revenues (associated with the replacement of the City's aging meters) and operating efficiencies (associated with the implementation of an automated, radio frequency-based reading system), this investment in meter replacement and an automated reading system will pay for itself in approximately 7 years (based on projected water rate increases approved in principle by Council for the next six years). It is projected that when the upgrade of the high volume meters is completed, within the first three (3) years of the project, the City will be able to recover an estimated \$24 million in revenue per year, resulting from the more accurate registration of water consumption. An additional \$4 million in revenue recovery is expected from the upgrade of the low volume metered accounts. A further \$5.0 million per year is projected in operating savings through the installation and use of the radio frequency-based meter reading technology.

Attachment 2 of this report summarizes the updated business case and the capital cash-flow requirements for this project over the six-year implementation period.

As with any capital initiative of this magnitude, the project will be monitored and reviewed on an annual basis from both an implementation and cash-flow perspective. Any variances from the plan will be addressed through the annual Capital Budget process.

The Deputy City Manager and Chief Financial Officer has reviewed this report and agrees with the financial impact information.

Summary

This report provides information on the results of Request for Proposal (RFP) 0713-08-0001 for Water Meter Replacement and an Automated Meter Reading (AMR) System, and seeks authority for City staff to negotiate with the preferred proponent, Neptune Technology Group, (Canada), to supply and deliver water meters and an automated reading system as specified in RFP 0713-08-0001.

Background Information

2008-06-04-pw16.12-Staff Report

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13476.pdf>)

2008-06-04-pw16.12-Attachment 1

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13477.pdf>)

2008-06-04-pw16.12-Attachment 2

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13478.pdf>)

2008-06-04-pw16.12-Attachment 3

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13481.pdf>)

PW16.13	ACTION			Ward: 44
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Filter Underdrain Systems Supplier in Construction Tender Documents for F.J. Horgan Water Treatment Plant Expansion

(April 25, 2008) Report from the General Manager, Toronto Water and the Acting Director, Purchasing and Materials Management.

Recommendations

The General Manager of Toronto Water and the Acting Director of Purchasing and Materials Management recommend that:

1. Anthratech Western Inc. (AWI) be specified as the sole supplier for the provision of thirteen (13) new low profile filter underdrain systems, including all materials, equipment, components, accessories and related services (primary installation supervision and field testing), in the construction tender documents for the F.J. Horgan WTP Capacity Expansion to 800 ML/D.

Financial Impact

There is no direct financial impact as a result of this report. The cost of the filter underdrains will be formally accounted for during the competitive plant expansion construction tendering process.

It is estimated that the filter underdrains will cost \$6,000,000.00 net of GST for thirteen (13) underdrain systems, including installation, supervision and field testing services. The cash flow requirements for this project include \$4,500,000.00 net of GST in 2009 and \$1,500,000.00 net of GST in 2010.

The F.J. Horgan WTP Capacity Expansion project is included in the 2008-2012 Toronto Water Capital Plan under WBS Element CPW002-3. The total budget currently allocated for the project is \$185,950,000.00 net of GST.

The Deputy City Manager and Chief Financial Officer has reviewed this report and agrees with the financial impact information

Summary

The purpose of this report is to seek authority to specify one supplier for the provision of low profile filter underdrain systems, installation supervision and field testing services in the construction tender documents for the F.J. Horgan Water Treatment Plant (WTP) Capacity Expansion to 800 ML/d.

Background Information

2008-06-04-pw16.13-Staff Report

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13479.pdf>)

PW16.14	Information			Ward: 28
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Procurement of Required Materials, Equipment and Services for the Emergency Rehabilitation of Filters Nos. 1, 3 and 5 at the Toronto Island Water Treatment Plant

(May 13, 2008) Report from the General Manager, Toronto Water and the Director, Purchasing and Materials Management.

Financial Impact

The total funds, net of GST allocated and committed to date for the emergency rehabilitation works is \$3,529,858.00 (\$3,706,350.90 including all taxes). Funding is available in the 2008 Toronto Water Capital Budget in accounts CPW043 and CPW064, as per the details in the table below:

Account	2008
CPW043 Island Equipment R&R	\$ 1,867,000.00
CPW064 Island Equipment R&R	\$ 1,662,858.00
TOTAL	\$ 3,529,858.00

The Deputy City Manager and Chief Financial Officer has reviewed this report and agrees with the financial impact information.

Summary

This purpose of this report is to advise on emergency procurement up to an anticipated final cost of \$3,529,858.00, net of all taxes, related to the emergency rehabilitation of three of six filters at the Island Water Treatment Plant (WTP).

An emergency sole source procedure was followed in accordance with Section 195-10(F), Municipal Code, Chapter 195. It was necessary to complete the work without a formal competitive tender process due to the complete failure of the underdrains on filter #5 and a risk of imminent failure of the underdrains of filters #1 and #3 at the Island WTP, and the extremely limited amount of time available to carry out the necessary design, procurement and rehabilitation work associated with the emergency.

Rehabilitation of all three filters was completed within the timeframe required to meet the City's service capacity requirements for the Island WTP and was within the original cost estimates provided by suppliers.

Background Information

2008-06-04-pw16.14-Staff Report

(<http://www.toronto.ca/legdocs/mmis/2008/pw/bgrd/backgroundfile-13480.pdf>)