

**WORKS COMMITTEE
AGENDA
MEETING 5**

Date of Meeting: Wednesday, July 5, 2006
Time: 9:30 a.m.
Location: Committee Room 1
City Hall
100 Queen Street West
Toronto, Ontario

Enquiry: Rosalind Dyers
Committee Administrator
416-392-8018
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Under the *Municipal Act, 2001*, the Works Committee must adopt a motion to meet In-camera (privately) and the reason must be given.

Declarations of Interest under the *Municipal Conflict of Interest Act*.

Confirmation of Minutes – May 30, 2006 (Joint Planning and Transportation Committee and Works Committee) and June 7, 2006 (Works Committee)

Speakers/Presentations – A complete list will be distributed at the meeting:

Communications/Reports:

TRANSPORTATION SERVICES

1. Pocket Bikes on Toronto Residential Streets and Sidewalks

Communication (June 8, 2006) from the Toronto Pedestrian Committee advising that the Committee on May 18, 2006, recommended to the Works Committee that City Council request:

- (1) the Ministry of Transportation of Ontario to review the Highway Traffic Act and related legislation to determine if illegal use of pocket bikes could better be controlled by specifically defining Pocket Bikes and empowering police officers

to confiscate and impound pocket bikes that are illegally used on the public highway;

- (2) staff to report on City Council regulating the sale of Pocket Bikes;
- (3) the City Solicitor to report on whether pocket bikes might be considered a dangerous product, and the legal ramifications of that finding; and
- (4) the Chief of Police to consider the concerns expressed over the enforcement of the existing laws such as the City's Noise By-law with respect to Pocket Bikes and to strongly encourage the Toronto Police Service to aggressively pursue the operators and request the Courts to charge for infractions, such as insurance charge.

2. Feasibility of Installing Traffic Control Signals at the Intersection of Birchmount Road and Ranstone Gardens (Ward 37, Scarborough Centre)

Communication (June 14, 2006) from the Scarborough Community Council advising that the Community Council on June 13, 2006, considered a report (May 29, 2006) from the Acting Director, Transportation Services, Scarborough District, on the feasibility of installing traffic control signals at the intersection of Birchmount Road and Ranstone Gardens; and that the Community Council recommended that the Works Committee and City Council:

- (1) receive the report (May 29, 2006) from the Acting Director, Transportation Services, Scarborough District;
- (2) approve the installation of traffic signals at the intersection of Birchmount Road and Ranstone Gardens, such installation to be funded from the Transportation Services Capital Budget, Cycling Infrastructure Account CTP805-05; and
- (3) request the appropriate City officials to take whatever action is necessary to give effect to the foregoing, including the introduction in Council of any bills that may be required.

3. Feasibility of Installing Traffic Control Signals at McNicoll Avenue and Innislawn Road (Ward 39, Scarborough Agincourt)

Communication (June 14, 2006) from the Scarborough Community Council advising that the Community Council on June 13, 2006, considered a report (May 25, 2006) from the Acting Director, Transportation Services, Scarborough District, on the feasibility of installing traffic control signals at McNicoll Avenue and Innislawn Road; and that the Community Council recommended that the Works Committee and City Council:

- (1) receive the report (May 25, 2006) from the Acting Director, Transportation Services, Scarborough District, and
- (2) adopt the following motion:
“**WHEREAS** McNicoll Avenue is being reconstructed due to and following the installation of a trunk water main; and

WHEREAS other developments are planned or are occurring in the vicinity of McNicoll Avenue; and

WHEREAS staff concur that infrastructure improvements should be bundled wherever feasible to proactively address deficiencies on McNicoll Avenue and reduce neighbourhood disruption;

NOW THEREFORE BE IT RESOLVED THAT:

- (1) traffic control signals be installed at McNicoll Avenue and Innislawn Road coincident with the 2007 reconstruction of McNicoll Avenue; and
- (2) the existing pedestrian crossover (PXO) presently located approximately 70 meters to the east, at La Peer Boulevard, be removed coincident with the activation of the new traffic control signals;

AND BE IT FURTHER RESOLVED THAT the appropriate City officials be requested to take whatever action is necessary to give effect to the foregoing, including the introduction in Council of any bills that may be required.”

4. Noise Mitigation Policy for City Roads (All Wards)

(Public Notice)

Report (June 19, 2006) from the General Manager, Transportation Services and the Deputy City Manager and Chief Financial Officer respecting a proposed Noise Mitigation Policy for Roads under the jurisdiction of the City of Toronto in relation to City constructed noise barriers and developer constructed noise barriers and to create a reserve fund to accumulate funds from developers for the future maintenance of developer constructed noise barriers.

Recommendations:

It is recommended that:

- (1) the Noise Mitigation Policy for City Roads in Appendix A, be adopted for use by the Transportation Services Division;

- (2) the General Manager, Transportation Services be authorized to include up to \$500,000.00 per year in the Capital Plan and specify which state of good repair projects will be deferred to accommodate the yearly estimated expenditure as part of the 2007 Capital Submission for Transportation Services;
- (3) conditional on the adoption of Recommendation (1), Council establish an obligatory reserve fund, called the “Noise Barrier Maintenance Reserve Fund”, to provide maintenance and repair of noise barriers constructed by developers, and that this Reserve Fund be funded through charges to developers;
- (4) Municipal Code Chapter 227 (Administration of Reserves and Reserve Funds) be amended by adding the “Noise Barrier Maintenance Reserve Fund” to Schedule 13 – State of Good Repair Obligatory Reserve Funds;
- (5) this report be forwarded to the Policy and Finance Committee for consideration; and
- (6) the appropriate City officials be authorized and directed to take the necessary action to give effect thereto, and that leave be granted for the introduction of any necessary bills in Council to give effect thereto.

5. RESCU (Road and Emergency Services Communications Unit) System Expansion (All Wards)

Report (June 19, 2006) from the General Manager, Transportation Services responding to the request of Council on April 25, 26 and 27, 2006, that higher priority be given to specific ITS strategies, including queue-end warnings on Allen Road and Black Creek Drive; providing information about a proposed Queue End Warning System for the Allen Road, additional RESCU (Road and Emergency Services Communications Unit) cameras and changeable message signs for Lake Shore Boulevard and the Gardiner Expressway; and requesting approval to establish a Memorandum of Understanding with the Ministry of Transportation – Ontario that would permit the City of Toronto’s Transportation Services Division to install, operate and procure joint use Intelligent Transportation Systems (ITS) equipment.

Recommendations:

It is recommended that:

- (1) Transportation Services Division staff be directed to complete a detailed design and issue a tender package for the construction of a Queue End Warning system on Allen Road, and additional RESCU cameras and changeable message signs for Lake Shore Boulevard and the Gardiner Expressway;
- (2) Transportation Services Division staff be directed to establish a Memorandum of Understanding between the City of Toronto and the Ministry of Transportation –

Ontario to work together on ITS projects (including Queue End Warning Systems) to share knowledge and experience, jointly test and evaluate new technologies, share existing ITS equipment where applicable and jointly procure new ITS equipment when it is in the best interest of both parties;

- (3) Transportation Services Division staff be directed to evaluate the benefits of the Queue End Warning System on Allen Road and its applicability to other roadways within the City of Toronto including Black Creek Drive;
- (4) Transportation Services Division staff be directed to continue with efforts to integrate ITS systems with neighbouring municipalities by participating in the Greater Toronto Area and Hamilton (GTAH) ITS initiative; and
- (5) the appropriate City officials be authorized and directed to take the necessary action to give effect to the foregoing, including the introduction in Council of any Bills that may be required.

6. Human Factors Evaluation of Video Advertising Signs (All Wards)

Report (June 20, 2006) from the General Manager, Transportation Services providing an update on the results of additional monitoring of four test sites that were part of the 2003 “Traffic Safety Evaluation of Video Advertising Signs” study, as well as on a process to secure funding for future studies on the impact of video advertising signs on traffic safety that will be recommended in a future staff report to the Works Committee.

Recommendation:

It is recommended that this report be received for information only.

7. Inventory of City Laneways and Level of Services Provided (All Wards) – Works Committee Report 3, Clause 21(d)

Communication (June 1, 2006) from the City Clerk advising that City Council on May 23, 24 and 25, 2006, referred Item (d), entitled “Inventory of City Laneways and Level of Services Provided (All Wards)”, contained in Clause 21 of Report 3 of the Works Committee, back to the Works Committee for further consideration; and noting that the Works Committee on May 3, 2006:

- (1) requested the General Manager, Transportation Services to submit a Briefing Note to Members of the Works Committee and those Members of Council with public laneways in their Wards providing a detailed inventory of public laneways and the level of services provided to such laneways by Ward; and
- (2) referred the communication (May 1, 2006) from Councillor Giambrone respecting the construction of houses in laneways to the General Manager, Transportation

Services for consideration and report to the June 7, 2006, meeting of the Works Committee.

- 7(a).** Communication (June 7, 2006) from Councillor Cesar Palacio, Ward 17, Davenport respecting the statements in the report (April 11, 2006) from the General Manager, Transportation Services on the level of service for laneway cleaning and maintenance; and requesting that the appropriate City staff further investigate and report on the following motion:

“WHEREAS services provided by the City in laneways is provided on a complaint basis only whereby some public lanes have not been swept or cleaned and remain unsightly and unsanitary; and

WHEREAS because the narrow width and configuration of the bulk of public laneways precludes effective mechanized sweeping using conventional equipment; and

WHEREAS given considerable advancements in street sweeping technologies like the current “baby sweeper” that is utilized for the cleaning program in some parts of the City; and

WHEREAS the maintenance and cleanliness of transportation infrastructure, including laneways, is an essential part of the City’s “Clean and Beautiful” mandate;

THEREFORE BE IT RESOLVED THAT the General Manager of Transportation, in consultation with the General Manager of Solid Waste Management Services, report to the July Works Committee meeting on the availability and cost of compact sweepers for deployment in City laneways, on a City-wide basis, together with appropriate service level and equipment/resources requirements;

AND BE IT FURTHER RESOLVED THAT a Pilot Project be conducted in Ward 17 with the existing “baby sweeper” or any other efficient and cost-effective equipment.”

- 7(b). Construction of Housing in Laneways (All Wards)**

Report (June 20, 2006) from the Executive Director, Technical Services responding to the request of the Works Committee on May 3, 2006, to report on a communication from Councillor Adam Giambrone on issues related to the construction of housing in laneways.

Recommendations:

It is recommended that:

- (1) the City not permit construction of housing on existing laneways, except in special circumstances where there are no adverse privacy, overlook, shadowing and engineering servicing implications; and
- (2) the City not permit construction of housing on proposed/future laneways.

TECHNICAL SERVICES

8. Report on the Process Undertaken on Contract 05SD-06RD and Steps Taken to Improve Systems, Procedures and Accountability Related to Preparation of Tender Documents and Tendering Process (All Wards)

Report (June 19, 2006) from the Executive Director, Technical Services and responding to the request of the Works Committee on October 11, 2005, to provide information on the process undertaken on Contract 05SD-06RD (TTC track reconstruction on St. Clair Avenue West from Tweedsmuir Avenue to Avenue Road) and the steps taken to improve systems, procedures and accountability related to the preparation of tender documents and tendering process.

Recommendation:

It is recommended that the report be received for information.

TORONTO WATER

9. Terms and Conditions for the 2005 Flood Damages Grant Program (City-wide) - Works Committee Report 2, Clause 15b

Communication (June 16, 2006) from the City Clerk advising that City Council on June 14, 2006, adopted, as amended, Clause 15b of Report 2 of the Works Committee, entitled "Terms and Conditions of the 2005 Flood Damages Grant Program (City-wide), and, in so doing, referred motions by Councillor Watson, Councillor Shiner and Deputy Mayor Bussin to the Works Committee for consideration at its meeting on July 5,

2006, and requested the General Manager, Toronto Water to report to the Committee at that time.

10. Development of a Revolving Loan Program to Support the Implementation of the City's Water Efficiency Plan (All Wards)

Report (June 20, 2006) from Deputy City Manager Fareed Amin, the City Solicitor, and the Deputy City Manager and Chief Financial Officer respecting the establishment of a Water Efficiency Loan Reserve Fund to provide funding for a revolving loan program in support of the implementation of the City's Water Efficiency Plan; indicating that the loan program would provide loans to the City's agencies, boards, commissions and divisions, as well as the Toronto school boards and the Toronto Community Housing Corporation for water efficiency projects.

Recommendations:

It is recommended that:

- (1) a revolving loan program for water efficiency projects be established as an initial pilot to gauge interest, program uptake and to test program design and criteria, and be available to City's agencies, boards, commissions and divisions, as well as the Toronto school boards and the Toronto Community Housing Corporation;
- (2) a Water Efficiency Loan Reserve Fund be established to provide funding for this revolving loan program to provide loans to the City's agencies, boards, commissions and divisions, as well as the Toronto school boards and the Toronto Community Housing Corporation;
- (3) Municipal Code Chapter 227 (Administration of Reserves and Reserve Funds) be amended by adding the "Water Efficiency Loan Reserve Fund" to Schedule '15' - Water Reserve Funds;
- (4) funding up to the amount of \$2 million be authorized to be drawn from the Water Capital Reserve Fund (XR6003) to establish this Water Efficiency Loan Reserve Fund to provide repayable loans to the City's agencies, boards, commissions and divisions as well as the Toronto school boards and the Toronto Community Housing Corporation, as outlined in Recommendation (1), for the implementation of water efficiency projects in order to help achieve the targets of water efficiency identified in the City's Water Efficiency Plan;
- (5) potential water efficiency projects from the City's agencies, boards, commissions and divisions be identified through the City's capital budget review process and if approved for funding, program areas incorporate loan repayments directly into their operating budgets;

- (6) the Toronto School Boards and the Toronto Community Housing Corporation be notified that they can apply for loans for water efficiency projects directly to the General Manager of Toronto Water;
- (7) staff be directed to report back to the Works Committee prior to the 2008 Capital Budget Review on the uptake and success of the pilot revolving loan program, and to report on the feasibility of expanding the revolving loan program to other public sector organizations such as universities and hospitals, non-profits and the private sector where permissible;
- (8) authority be granted for the General Manager of Toronto Water, in consultation with the Deputy City Manager and Chief Financial Officer, to administer and recommend for approval to City Council loans under this program in accordance with criteria set out in Appendix A of this report; and
- (9) the appropriate City officials be authorized and directed to take the necessary action to give effect thereto, and that leave be granted for the introduction of any necessary bills in Council to give effect thereto.

11. Update on the Implementation of the Water Efficiency Program – 2005 (City-wide)

Report (June 20, 2006) from the General Manager, Toronto Water providing an update on the progress made during 2005 to advance the initiatives outlined in the Water Efficiency Plan and to make recommendations for additional activities during 2006.

Recommendations:

It is recommended that:

- (1) the Province of Ontario be requested to develop enabling legislation that restricts the sale and installation of any toilet in the Province to only ultra-low flush models (i.e., six litres or less);
- (2) the General Manager of Toronto Water and the General Manager of Parks, Forestry and Recreation be requested to prepare a report during the 2007 Operating and Capital Budget review process outlining the financial implications of implementing a Water Conservation Program for Parks, Forestry and Recreation parks and facilities that incorporates capital and operating initiatives that will advance the achievement of the targets in the Water Efficiency Plan, such as installing water meters in all parks facilities to monitor water consumption and computer controlled irrigation systems; and

- (3) the appropriate City officials be authorized and directed to take the necessary action to give effect thereto, and that leave be granted for the introduction of any necessary bills in Council to give effect thereto.

12. Amendments to the Sewer Service Line Blockage Inspection Repair Program and Drain Grant Policy (All Wards)

Report (June 21, 2006) from the General Manager, Toronto Water responding to requests of the Works Committee and Council to review and recommend improvements to the current Sewer Service Line Blockage Inspection and Repair Program and Drain Grant Policy and to report on the feasibility and financial impact of amending the Drain Grant Policy to expand the qualification criteria to include all four-plex, five-plex, and six-plex residential properties.

Recommendations:

It is recommended that:

- (1) the inspection of sewer line blockages remains a first response activity by Toronto Water staff under the Sewer Service Line Blockage Inspection and Repair Program;
- (2) the Drain Grant Policy be improved by:
 - (a) removing the requirement of the applicant to obtain three quotations for repairs;
 - (b) providing grants only where licensed drain contractors undertake and perform the necessary repairs;
 - (c) providing grants up to a total maximum lifetime grant amount of \$2,000.00 per property towards sewer service line repair work, including exterior work (foundation wall to property line), whether partial or full replacement, and internal work (within the building); and
 - (d) updating the criteria for additional assistance to low income households to the following:
 - (i) below \$21,000 - 100 percent of the balance of the eligible repair costs;
 - (ii) \$21,000-\$27,000 - 50 percent of the balance of the eligible repair costs; and

- (iii) \$27,000-\$35,000 - 25 percent of the balance of the eligible repair costs;
- (3) the Drain Grant Policy eligibility requirements continue to be limited to residences with three or less separate dwelling units;
- (4) appeals under the Drain Grant Policy will not be granted for situations where the applicant has been granted the maximum grant limit provided under the Drain Grant Policy; and
- (5) the appropriate City officials be authorized and directed to take the necessary actions to give effect thereto.

13. Collaborative Research Funding for Development of Sludge Characterization Techniques for Optimizing Anaerobic Digestion (Wards 5, 29, 32 and 44)

Report (June 20, 2006) from the General Manager, Toronto Water respecting Phase II of the collaborative research project with the District of Columbia Water and Sewerage Authority to develop sludge characterization techniques and modeling in order to assess advanced sludge processing technologies.

Recommendations:

It is recommended that:

- (1) authority be granted to enter into an agreement with EnviroSim Associates Ltd. to partly fund phase II of a research project on anaerobic sludge digestion on terms and conditions satisfactory to the General Manager, Toronto Water, the Deputy City Manager and Chief Financial Officer and in a form satisfactory to the City Solicitor;
- (2) a project cost of \$85,000.00 net of GST be approved for the study from the approved 2006 Toronto Water Capital Budget Project Account CWW029, with 2006 cash flow of \$85,000.00 from WBS Element CWW029-03, Biosolids Studies; and
- (3) the appropriate City officials be directed and authorized to take the necessary action to give effect to this.

14. Water Meter Replacement and Fixed Area Network (FAN) Automated Meter Reading Project – Status Update on Partnering with Toronto Hydro

Report (June 20, 2006) from the Treasurer and General Manager, Toronto Water providing an update on the status of the Water Meter Replacement and Fixed Area

Network (FAN) Automated Meter Reading project as it relates to partnering with Toronto Hydro.

Recommendation:

It is recommended that this report be received for information, and that a copy of this report be forwarded to the Administration Committee for information.

SOLID WASTE MANAGEMENT SERVICES

15. Addition of New Materials to the Blue Box Program

Report (June 20, 2006) from the General Manager, Solid Waste Management Services respecting the addition of new materials to the Blue Box Program:

Recommendations:

It is recommended that:

- (1) spiral wound containers be added to the Blue Box program approximately 90 days after approval by Council; and
- (2) plastic film and polystyrene be added to the Blue Box program subject to implementation of a new container system that will provide residents with the necessary capacity for their recyclables.

16. Impact of Council Decisions on Meeting Solid Waste Diversion Goals

Report (June 23, 2006) from the General Manager, Solid Waste Management Services respecting the impact of Council decisions on various solid waste diversion initiatives since June 2005.

Recommendation:

It is recommended that this report be received for information.

17. Progress Report on Environmental Assessment of a Long-Term Residual Solid Waste Management System

Report (June 20, 2006) from the General Manager, Solid Waste Management Services providing an overview of the issues and timelines associated with the preparation of the City of Toronto's (the "City's") Environmental Assessment of a long-term residual solid waste management system.

Recommendation:

It is recommended that this report be received for information.

LEGAL

18. Proposed Litigation Arising Out of Defective Concrete Sidewalk Work (City-wide)

(In Camera – Litigation or potential litigation).

Confidential report (June 21, 2006) from the City Solicitor respecting proposed litigation arising out of defective concrete sidewalk work (City-wide), such report to be considered in camera as the subject matter relates to litigation or potential litigation affecting the municipalities.



**WORKS COMMITTEE
SUPPLEMENTARY AGENDA
MEETING 5**

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Enquiry: Rosalind Dyers
Committee Administrator
416-392-8018
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Communications/Reports:

TORONTO WATER

**9(a). Considerations for Amendments to the 2005 Flood Damages Grant Program
(City-wide)**

Report (June 29, 2006) from the General Manager, Toronto Water responding to the request of Council on June 14, 2006, to report on motions referred to the Works Committee respecting the Terms and Conditions of the 2005 Flood Damages Grant Program.

Recommendations:

It is recommended that:

- (1) the Voluntary Home Isolation Program be made available to homeowners impacted by the May 17, 2006 storm;
- (2) the General Manager, Toronto Water, incorporate a funding request for the expansion of the Voluntary Home Isolation Program City-wide as part of Toronto Water's forthcoming 2007 Operating Budget submission; and
- (3) the appropriate City officials be authorized and directed to take the necessary action to give effect thereto.

19. Procurement of Iron Salts (Ferrous Chloride) Used for Removal of Phosphorus From Sewage at the Wastewater Treatment Plants (All Wards)

Report (June 19, 2006) from the General Manager, Toronto Water and the Director, Purchasing and Materials Management requesting authority to extend the current contract for Iron Salts from one year to five years, based upon completion of a market place assessment and the results of Request for Quotation (RFQ) 6609-05-3478.

Recommendations:

It is recommended that:

- (1) Contract 47011628 be amended by increasing it by \$10,680,300.40 from \$1,891,974.00 to \$12,572,274.40 including all applicable taxes and charges for the supply of up to 15,500,000 kg of Iron Salt (ferrous chloride) for the period from August 1, 2006 to December 31, 2010;
- (2) the appropriate City officials be authorized and directed to take the necessary action to give effect thereto.

TRANSPORTATION SERVICES

20. Co-ordinated Street Furniture Program – Various Information Items (All Wards)

Report (June 27, 2006) from Deputy City Manager Fareed Amin responding to the request of the Works Committee to report, prior to the issuance of a Request for Proposals (RFP), on a number of information requests arising from consideration of the “Co-ordinated Street Furniture Program – Design and Policy Guidelines and Directions” staff report of April 18, 2006.

Recommendations:

It is recommended that:

- (1) the general principles for the placement of street furniture as set out in the “Street Furniture Placement Guidelines, June 2006” draft document, Attachment A to this report, be endorsed and incorporated in “Vibrant Streets: Toronto’s Co-ordinated Street Furniture Program Design and Policy Guidelines”;
- (2) the award of an honorarium in an amount of \$2,000.00 be authorized for each member of the design jury selected to evaluate the design elements of the street furniture proposals, to recognize the contributions of individuals participating in this important aspect of the project; and

- (3) the appropriate City officials be authorized and directed to take the necessary action to give effect thereto, including the introduction in Council of any Bills that may be necessary.

SOLID WASTE MANAGEMENT SERVICES

21. Contractual Issues With The Eucan Recycling/Litter Bin Contract

(In Camera – Litigation or potential litigation).

Confidential report (June 29, 2006) from the General Manager, Solid Waste Management Services respecting contractual issues with the Eucan Recycling/Litter Bin Contract, such report to be considered in camera as the subject relates to litigation or potential litigation.