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2014 OPERATING BUDGET BRIEFING NOTE

Transportation Services Levels of Service

Issue/Background:

The purpose of this Briefing Note is to respond to the following items from Councillor Layton's Motion, tabled at the September 11, 2013 Public Works and Infrastructure Committee, that:

“City Council direct that the following service standards be included in the 2014 Service Standards for Transportation Services, and direct the Deputy City Manager and Chief Financial Officer to include the necessary resources in the 2014 recommended budget:

- a. snow removal in bike lanes, within 10 hours;
- b. snow removal at bus stops within 13 hours;
- c. asphalt/pothole repair in designated bike lanes within 4-6 days;
- d. manual sweeping on streets without alternating parking at minimum 1-2 times per month;

Below is a summary of Transportation Services' current service levels and feasibility of the proposed service level changes for each.

Key Points:

a) Snow Removal in Bike Lanes within 10 hours

The majority of the existing bike lane network is installed on arterial roads. The current level of service is to plough arterial roads curb to curb (except where there is on-street parking) within 6 - 8 hours. This is within the proposed 10 hour level of service. As part of cleanup operations bike lanes are 'tucked in' to maintain at least 1.0 metre or the existing width of the bike lane within 24 - 48 hours after a snow event.

Snow could not be physically removed from bike lanes and hauled away to snow disposal sites within 10 hours as roadway ploughing operations would still be ongoing. Ploughing operations and cleanup would need to be complete prior to the commencement of removal operations. Per district costs for the removal of snow from bike lanes 4x per year are as follows;

District	Kms	Cost/Km	Total
Toronto & East York	102	\$1460	\$596k

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Scarborough	25	\$1460	\$146k
Etobicoke-York	62	\$1460	\$362k
North York	16	\$1460	\$ 93k
	205		\$1.2M

This service level change cannot be implemented until the commencement of the next round of winter contract in 2015.

b) Snow Removal at Bus Stops within 13 hours

The current level of service for clearing snow at bus stops is 48 hours based on a Type 2 Storm (5 - 15cm). Approximately 106 machines are required to deliver the program (4 - 6 times/yr). Current cost is approximately \$5.5M.

The proposed level of service is to clear bus stops within 13 hours based on a Type 2 Storm. Approximately 424 machines would be required to achieve the level of service at a cost of \$15.3M in standby and \$1.6M in operating (\$386k/event). Proposed costs would be approximately \$17M - an increase of \$11.5M over current.

This service level change cannot be implemented until the commencement of the next round of winter contracts in 2015.

c) Asphalt / Pothole Repair in Designated Bike Lanes within 4-6 Days

Transportation Services' levels of service for pothole repair are 24 hrs for Priority 1 (Expressways only) and 5 days for Priority 2 (all road classifications) to triage and make safe. A permanent repair with hot mix may take up to 90 days. Potholes in bike lanes are given the same level of service as the balance of the roadway. The majority of designated bike lanes are on arterial roads. In 2012, Transportation Services responded to 4953 Service Requests for potholes. Of this amount, 97% were responded to within the service standards.

Ontario Regulation 616/02 Minimum Maintenance Standards for Highways in the City of Toronto requires the repair of a pothole on Class 2 (arterial) roads within 4 days of becoming aware of the fact.

The division is currently repairing potholes in designated bike lanes within 4 – 6 days.

d) Manual Sweeping on Streets without Alternate Parking at Minimum 1 - 2 times per month

Presently, streets without alternate parking are cleared approximately 1x/18 weeks or approx 2x per year as the service is not provided during winter months due to the presence of snow banks. The cost to manually sweep these streets is estimated at \$100/km.

Streets with Regulated Parking on Both Sides of the Street

There are 182 curb kilometres of streets with regulated parking on both sides of the street. The majority of these streets are located in the Toronto & East York District. The cost to manually sweep these locations twice per month is shown below. This work would be performed by inhouse staff.

Annual Operating Costs

Labour (incl Supervision)	Equipment	Total
\$478k	\$292k	\$770k/yr

One-Time Capital Costs

Equipment (4 vehicles)
\$160k

Streets with Regulated Parking on One or Both Sides of the Street

In addition to the information above, there are 968 curb kilometres of streets with regulated parking on one or both sides of the street. The majority of these streets are located in the Toronto & East York District. The cost to manually sweep these locations twice per month is shown below. This work would be performed by inhouse staff.

Annual Operating Costs

Labour (incl Supervision)	Equipment	Total
\$2,315,000	\$218,500	\$2,533,500

One-Time Capital Costs

Equipment (19 vehicles)
\$760,000

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Date: December 11, 2013