

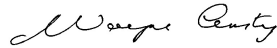
Halifax Regional Council
May 5, 2009

TO: Mayor Kelly and Members of Halifax Regional Council



SUBMITTED BY:

Dan English, Chief Administrative Officer



Wayne Anstey, Deputy Chief Administrative Officer - Operations

DATE: April 23, 2009

SUBJECT: **Award - Unit Price Tender No. 09-228, Paving Renewal, New Sidewalk & Water Main Renewal; Skyridge Avenue - Central Region**

ORIGIN

The Approved Advanced 2009/10 Capital Budget.

RECOMMENDATIONS:

It is recommended that Council:

1. Approve a budget increase of \$318,348.25 (net HST included) to Capital Account No. CYU01081 - Paving Renewal Program, funded through cost sharing with the Halifax Water.
2. Award Tender No. 09-228, Paving Renewal, New Sidewalk & Water Main Renewal; Skyridge Avenue - Central Region to Dexter Construction Company Limited for a Total Tender Price of \$856,909.27 (net HST included) with funding from Capital Account No. CYU01081 - Paving Renewal Program, and Capital Account No. CJU01083 - New Sidewalks, as outlined in the Budget Implications section of this report.

BACKGROUND

The Approved Advanced 2009/10 Capital Budget includes funds for the paving renewal and new sidewalk on Skyridge Avenue from Pinehill Drive to Dickey Drive.

DISCUSSION

Tenders were called on March 28, 2009 and closed on April 15, 2009. Bids were received from the following companies:

<u>Name of Company</u>	<u>Bid Price (net HST included)</u>
Dexter Construction Company Limited	\$856,909.27*
Brycon Construction Limited	\$887,420.82
Amber Contracting Limited	\$929,277.50
Harbour Construction Company Limited	\$936,477.19
J. R. Eisener Contracting Limited	\$958,095.92
A.C. L. Construction Limited	\$1,002,620.04

***recommended bidder**

The scope of work for this tender generally consists of the construction of a new concrete sidewalk, replacement of existing asphalt curb with new concrete curb and gutter, removal of the existing asphalt, installation of new asphalt, and water main renewal and associated reinstatement. The work also includes storm and sanitary sewer repairs, and replacement of service laterals from the main to the property line for all properties.

It is anticipated that work will commence within three weeks of the tender award and take 14 weeks to complete.

This is a **UNIT PRICE** contract and the cost will be dependent upon the actual quantities measured and approved by the HRM Project Manager.

The installation of new concrete sidewalk is subject to Local Improvement Charges (LIC). As requested by Councillor Harvey, LICs will be based on a charge per foot of frontage, and will be recovered by a general area rate of District 20. The rate will be set once all the tenders have been completed and the final costs determined.

BUDGET IMPLICATIONS

Based on the lowest tendered price of \$856,909.27 (net HST included), budget is available in the Approved Advanced 2009/10 Capital Budget from Capital Account No. CYU01081 - Paving Renewal Program and Account No. CJU01083 - New Sidewalks. The budget availability has been confirmed by Financial Services.

Budget Summary: **Capital Account No. CYU01081 - Paving Renewal Program**

Cumulative Unspent Budget	\$ 2,489,940
Plus: HW Cost Sharing	\$ 318,348
Less: Tender No. 09-228	<u>\$ 655,088 *</u>
Balance	\$ 2,153,200

* This project was estimated in the Approved Advanced 2009/10 Capital Budget at \$400,000. As a result of cost sharing from the Halifax Regional Water Commission, the net cost to Capital Account No. CYU01081 is \$336,740.

The balance of funds will be used to implement the remaining 2009/10 Paving Renewal projects approved by Council.

Budget Summary: **Capital Account No. CJU01083 - New Sidewalks**

Cumulative Unspent Budget	\$ 1,467,887
Less: Tender No. 09-228	<u>\$ 201,821 **</u>
Balance	\$ 1,266,066

** This project was estimated in the Approved Advanced 2009/10 Capital Budget at \$230,000.

The balance of funds will be used to implement the remaining 2009/10 New Sidewalk projects approved by Council.

FINANCIAL MANAGEMENT POLICIES/BUSINESS PLAN

This report complies with the Municipality's Multi-Year Financial Strategy, the approved Operating, Capital and Reserve budgets, policies and procedures regarding withdrawals from the utilization of Capital and Operating reserves, as well as any relevant legislation. If approved, this will increase the 2009/10 Capital Budget.

ALTERNATIVES


There are no recommended alternatives to this course of action.

ATTACHMENTS

Letter of Agreement with Halifax Water
Location plan of Skyridge Avenue

A copy of this report can be obtained online at <http://www.halifax.ca/council/agendasc/cagenda.html> then choose the appropriate meeting date, or by contacting the Office of the Municipal Clerk at 490-4210, or Fax at 490-4208.

Report Prepared by: Dean Knowles, CET, Design Engineering Technologist, Design & Construction Services at 490-6825

Report Approved by: 
David Hubley, P. Eng. Manager, Design & Construction Services at 490-4845

Financial Approval by: 
Anne Feist, Operations Manager, Procurement at 490-4200

Report Approved by: 
Phillip Townsend, A/Director, Infrastructure and Asset Management at 490-7166

DHK/rcm

MEMORANDUM

TO: John Eisnor, M.A.Sc., P.Eng., Project Engineer, Halifax Water

CC: David Hubley, P.Eng., Manager, Design & Construction, HRM
Jeff Spares, P.Eng., Sr. Design Engineer, Design & Construction, HRM
Jamie Hannam, MBA, P.Eng., HRWC

FROM: Alex Quinn, P.Eng., Design & Construction, HRM

DATE: April 17, 2009

SUBJECT: **Tender 09-228 - Paving Renewal, New Sidewalk and Water Main Renewal, Skyridge Avenue - Central Region**

Tender No. 09-228, Paving Renewal, New Sidewalk and Watermain Renewal, Skyridge Avenue (Pinehill Drive to Dickey Drive) - Central Region, closed April 15, 2009. Prior to tender award, a cost sharing agreement must be finalized between HRM and HRWC. Enclosed is a bid summary for the items associated with the sewer work and water main renewal for this project. They are from the lowest bidder, Dexter Construction Company Limited.

In the most recent discussions on this subject, HRWC has agreed to pay for the sewer and water main work and 50% of the cost of the reinstatement cost relating to their work, which are as follows:

Water Main Renewal

Cost for Water Main Renewal = \$176,226.00

Reinstatement for Water Main Renewal (Cost shared with HRWC & D&C) 2.8 m x 401 m = 1,122 m²

Cost for Type C Asphalt:	1,122 m ² x \$12.00/ m ² x 50%	=	\$ 6,732.00
Cost for Type B Asphalt:	1,122 m ² x \$15.00/ m ² x 50%	=	\$ 8,415.00
Cost for Type 1 Gravel:	1,122 m ² x \$11.00/ m ² x 50%	=	\$ 6,171.00
Cost for Type 2 Gravel:	1,122 m ² x \$29.00/m ² x 50%	=	\$16,269.00
Cost of Asphalt Removal:	1,122 m ² x \$4.00/m ² x 50%	=	\$ 2,244.00

Cost of Road Surface Grading:	1,122 m ² x \$1.00/m ² x 50%	=	\$ 561.00
Share of Reinstatement for Water Main Renewal Costs		=	\$40,392.00

Sewer Lateral Replacement Work (100% of cost to HRWC)

Cost for 250 mm dia. Sanitary Pipe:		=	\$ 7,200.00
Cost for 375 mm dia. Storm Pipe:		=	\$ 5,000.00
Cost for Service Laterals Behind Curb:		=	\$35,450.00
Cost for Service Laterals to the Curb (excluding reinstatement)		=	\$31,250.00
Cost of Sewer Service Lateral Replacement Work		=	\$78,900.00

Reinstatement for Sewer Lateral Replacement (Cost shared with HRWC & D&C)

Reinstatement area: 20 laterals x (4.5 m distance from main to edge of asphalt - 1.4 m half the water main trench width) = 62 linear meters of reinstatement x 5.5 m trench width = 341 m²

Cost for Type C Asphalt:	341 m ² x \$12.00/ m ² x 50%	=	\$ 2,046.00
Cost for Type B Asphalt:	341 m ² x \$15.00/ m ² x 50%	=	\$ 2,557.50
Cost for Type 1 Gravel:	341 m ² x \$11.00/ m ² x 50%	=	\$ 1,875.50
Cost for Type 2 Gravel:	341 m ² x \$29.00/ m ² x 50%	=	\$ 4,944.50
Cost of Asphalt Removal:	341 m ² x \$4.00/m ² x 50%	=	\$ 682.00
Cost of Road Surface Grading:	341 m ² x \$1.00/m ² x 50%	=	\$ 170.50
Share of Sewer Later Work and Reinstatement		=	\$12,276.00

Based on the low bidder's tender prices and the above cost sharing, HRWC's costs for Tender 09-228 - Skyridge Avenue, Paving Renewal, New Sidewalk and Water Main Renewal - Central Region, can be summarized as follows:

Water Main Renewal	\$ 176,226.00
Water Main Renewal Reinstatement	\$ 40,392.00
Sewer Lateral Replacement	\$ 78,900.00
Sewer Lateral Replacement Reinstatement	<u>\$ 12,276.00</u>
	\$ 307,794.00
Net HST (i.e. 3.429%)	\$ 10,554.25

Project Total

\$ 318,348.25

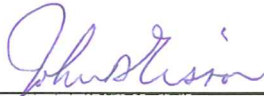
Actual cost sharing for this project will be based on final quantities determined during construction.

If you agree to this arrangement, please indicate by signing the enclosed copy and returning it to me. If you have any questions, please call me at 490-6900.

Thank you.



Alex Quinn, P.Eng.
Design Engineer



John Eisnor, M.A.Sc., P.Eng.
Project Engineer
Halifax Water

April 21/09
Date

Infrastructure & Asset Management - Design & Construction Services

Facilities Planning/
Capital Projects

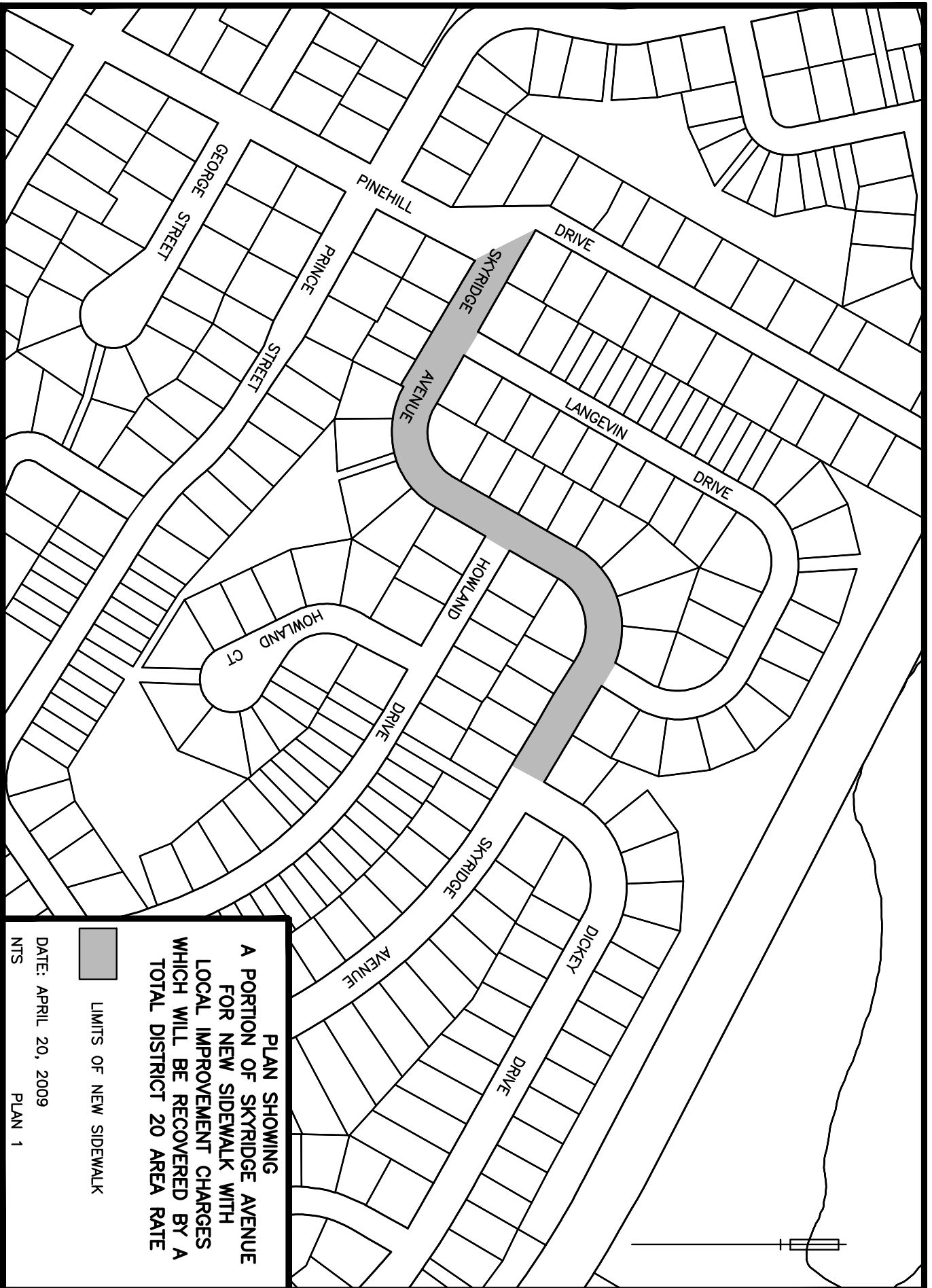
Regional Transportation Planning

Real Property/
Parks Planning

Sustainable Environmental
Management Office (SEMO)

Tel: (902) 490-6900 · Fax: (902) 490-4858

E-mail: quinna@halifax.ca Website: www.region.halifax.ns.ca



**PLAN SHOWING
 A PORTION OF SKYRIDGE AVENUE
 FOR NEW SIDEWALK WITH
 LOCAL IMPROVEMENT CHARGES
 WHICH WILL BE RECOVERED BY A
 TOTAL DISTRICT 20 AREA RATE**

■ LIMITS OF NEW SIDEWALK

DATE: APRIL 20, 2009
 NTS

PLAN 1

