

REGION OF OTTAWA-CARLETON
 RÉGION D'OTTAWA-CARLETON

REPORT
 RAPPORT

Our File/N/Réf. Your File/V/Réf.	50 10-99-0020
DATE	03 September 1999
TO/DEST.	Co-ordinator Corporate Services and Economic Development Committee
FROM/EXP.	Environment and Transportation Commissioner
SUBJECT/OBJET	URBAN WATERMAIN UPGRADES/EXTENSIONS REPAYMENT FOR ABBOTT STREET AND IBER ROAD WATERMAIN EXTENSIONS, CONTRACT NO. ETL99-3039

DEPARTMENTAL RECOMMENDATIONS

That the Corporate Services and Economic Development Committee approve:

- 1. The watermain extension in Abbott Street from 260 m east of Amy Crescent to Iber Road and on Iber Road from Abbott Street to Harry Douglas Drive;**
- 2. The reimbursement to the Township of Goulbourn for the cost to construct 406 mm diameter watermains on Abbott Street and Iber Road in the amount of \$416,000.**

BACKGROUND

Various traffic studies, such as the Stittsville Traffic Operations and Transportation Planning Study and Goulbourn Recreation Complex Serviceability Study, as well as the construction of the new high school on Abbott Street resulted in the Township proceeding with the extensions of Abbott Street, Iber Road and Shea Road in 1999. Watermains will be required on all streets to provide servicing of abutting lands.

The construction of a second transmission watermain to communities outside the greenbelt, to provide adequate system reliability, was recommended in the Region's Water Master Plan as approved by Regional Council on 09 July 1997. Subsequent to the review of the development of Stage 2 lands in Stittsville, including the new high school and recreation complex on Abbott Street, a further review of the water distribution system servicing Stittsville was undertaken which identified the need for a second transmission line.

There is currently a single 610 mm diameter watermain servicing the entire Village of Stittsville which runs along Hazeldean Road from Terry Fox Drive in Kanata. This watermain is a ductile iron pipe installed in 1976. The servicing study identified the need for a second transmission watermain from Kanata in order to provide a secure and reliable water supply to the residents and businesses in Stittsville. The proposed corridor is along the extension of Abbott Street, adjacent to the Regional transit corridor, from Amy Street to the future Terry Fox Drive in Kanata.

Tenders for road, watermain and sewer construction for the extensions of Abbott Street, Iber Road and Shea Road were received by the Township of Goulbourn, as follows:

<u>Contractor</u>	<u>Total Contract Price</u>
Cavanagh Construction Ltd., Ashton	\$1,846,747.50
Karson Kartage & Konstruktion Ltd., Carp	\$1,985,496.00
Tarcon Ltd., Gloucester	\$2,214,798.40
Dibblee Construction Ltd., Gloucester	\$2,284,270.20
George W. Drummond Ltd., Nepean	\$2,332,769.44
Site Preparation Ltd., Nepean	\$2,366,435.00

The Township of Goulbourn, under Resolution 99-140, awarded the contract to Cavanagh Construction Ltd. in the amount of \$1,846,747.50.

DISCUSSION

The Region's share of the watermain construction is \$416,000.00, including \$11,135.35 for net G.S.T., \$36,783.45 for engineering and contract administration and \$33,686.20 for project contingency. This total is below the Department's estimate of \$428,000.

This project was not previously identified, however savings in other contracts provided available funds to conduct this work in 1999.

At this time it is proposed to construct the watermains and sewers with the road construction, since the standard location of such is within the paved area of the road allowance. The watermains on Abbott Street and Iber Road will be designed to form a portion of the Kanata/Stittsville transmission link. The completion of the Kanata/Stittsville transmission watermain link from Iber Road to the future Terry Fox Drive is included in the Region's 2000 Capital Budget, subject to Council's approval.

The watermain on Iber Road is required to service a municipal industrial park. Watermains within such parks are funded by the Region, pursuant to the Industrial Subdivision Policy (Report No. 94), as adopted by Council on 11 February 1987.

The watermain on Shea Road will be paid for by the Township of Goulbourn as they will construct it to service their recreation complex on Shea Road south of Abbott Street.

Recovery of the installation costs for both the Abbott Street and Iber Road watermains will occur in the future when services to abutting lands are connected, as both watermains will be subject to Frontage Charges pursuant to Chapter 4 of the Regional Regulatory Code.

CONSULTATION

In May 1999, the Township of Goulbourn completed an Environmental Study Report which included two open houses at the Township's Office to provide the opportunity for the public and agencies to review the project.

EXPENDITURE JUSTIFICATION

The watermain on Abbott Street will form part of an identified second Kanata/Stittsville link to benefit all residents of Stittsville. The watermain on Iber Road will complete servicing within the industrial park and will also form part of a major link between the Abbott Street and Hazeldean Road watermains.

The Urban Watermain Upgrades/Extensions Programme was identified in the 1998 Capital Budget as a rolling programme pursuant to Council's approval of the 1997 Regional Official Plan (ROP) and Water Master Plan (WMP) to provide system reliability, thus ensuring the effective and efficient operation of the water distribution system. The ROP and WMP considers the provision of a secondary source to maintain a minimum 90% of the average day demand requirements in the event of a major system failure.

CONFORMITY TO THE REGIONAL OFFICIAL PLAN

A second transmission watermain to Stittsville is consistent with the strategies outlined in the Water Master Plan and the objectives of the Regional Official Plan in that it is required to meet the desired level of service and improve the reliability of the system.

FINANCIAL STATEMENT

	\$
Approved Budget to Date	15,860,000
Total Paid and Committed	<u>(13,164,376)</u>
Balance Available	2,695,624
THIS REQUEST	<u>(416,000)</u>
Balance Remaining	<u><u>2,279,624</u></u>

Funds have been provided in the 1999 Capital Budget, Account No. 922-41927 (Order No. 900200), Urban Watermain Upgrades/Extensions (Reference pages 360-361), Purchase Requisition No. 10019064.

*Approved by
M.J.E. Sheflin, P.Eng.*

DM/

FINANCE DEPARTMENT COMMENT

Funds are available as indicated.

*Approved by T. Fedec
on behalf of the Finance Commissioner*