

To: Warden and Members of County Council

From: Director of Public Works

Request for Project Approval and Transfer of Funds – Lansdowne Avenue Trunk Sanitary Sewer Design, Woodstock

RECOMMENDATIONS

- 1. That County Council approve the Lansdowne Avenue Trunk Sanitary Sewer Design (Woodstock) as part of the 2023 Capital Budget;**
- 2. And further, that County Council authorize the transfer of \$100,000 from the Wastewater - Woodstock Reserve to fund the planned design costs.**

REPORT HIGHLIGHTS

- The purpose of this report is to obtain County Council approval to include the Lansdowne Avenue Trunk Sanitary Sewer Design project as part of the 2023 Capital Budget, including accompanying funding in accordance with the County purchasing policy.
- The Lansdowne Avenue Trunk Sanitary Sewer will be required to service development growth in this area of Woodstock.
- Design for the Lansdowne Avenue Trunk Sanitary Sewer is planned to be initiated this fall with construction planned to start in spring/summer of 2024 in conjunction with the Lansdowne Sanitary Pumping Station.

Implementation Points

Upon Council approval, staff will retain a consulting engineering firm to undertake the detailed design in accordance with the Purchasing Policy.

Financial Impact

The Lansdowne Avenue Trunk Sanitary Sewer project is being driven by growth needs. While the project was not identified in the 2019 Development Charges (DC) Background Study, staff plan to include this project in the County's 2024 DC Background Study to determine its eligibility for DC funding.

As shown in Table 1, a cost estimate has been completed for the design project and the estimated cost is approximately \$100,000.

Table 1: Funding Summary for Lansdowne Avenue Trunk Sanitary Sewer

	Amount (excluding HST)
950164 – Lansdowne Sewer Extension	
Trunk Sanitary Sewer Design (including geotechnical / survey sub-consultants)	\$95,000
Non-Refundable HST (1.76%)	1,672
TOTAL ESTIMATED EXPENDITURES	\$96,672







This project was not included in the 2023 Capital Budget as the requirement for extending the wastewater collection system to accommodate upstream development lands was only made known to staff this year.

The 2023 budgeted closing balance for the Wastewater – Woodstock Reserve is approximately \$11.5 million which is sufficient to fund this design work.

Communications

Staff will continue to work with key internal stakeholders (County Management staff, Water/Wastewater Operations staff) and external stakeholders, including the City of Woodstock, during the execution of this project, as required, to ensure the appropriate level of communication and outreach is maintained, and further ensuring all parties involved are updated on project status and outcomes, as needed.

Strategic Plan (2020-2022)

					
WORKS WELL TOGETHER	WELL CONNECTED	SHAPES THE FUTURE	INFORMS & ENGAGES	PERFORMS & DELIVERS	POSITIVE IMPACT
	2.i	3.iii.		5.ii.	

DISCUSSION

Background

The East Woodstock Secondary Plan and Design Study for development in the Lansdowne Avenue and Oxford Road 4 corridor was approved in early 2006. The preferred wastewater servicing strategy included a gravity-based wastewater collection system and Sewage Pumping Station (SPS) to accommodate sanitary servicing for the tributary area as identified in Attachment 1.

Recent development interest in lands located east of the Lampman Drain have established the need for the extension of a trunk sanitary sewer along Lansdowne Avenue (approximately 300m in length within Lansdowne right-of-way). This Lansdowne Avenue Trunk Sanitary Sewer will form part of the wastewater collection system and service the aforementioned upstream development lands. Sewage flows collected by this gravity trunk sewer will be conveyed to the future Lansdowne SPS (currently in design).

Staff are currently working with an engineering consultant (AECOM) to complete the design of the Lansdowne Avenue SPS, which will receive sanitary flows from the upstream development lands. Construction of the SPS is scheduled to commence in spring / summer of 2024.

Comments

By completing the design of the Lansdowne trunk sewer, the future construction of the trunk sanitary sewer and SPS can be consolidated into one construction contract, which will save construction costs and time during contract administration while limiting construction impacts to the local community.

If approved, an engineering consultant will be retained (in accordance with County of Oxford Purchasing Policy) to undertake design of the trunk sanitary sewer. If not approved, design of the sewer will wait until future years and potentially delay development in the Lansdowne Avenue / Oxford Road 4 area of Woodstock.

The construction limits are from approximately 500m west of Oxford Road 4 to approximately 200m west of Oxford Road 4 (approximately 300m) as shown in Attachment 1. The scope of work generally includes the following:

- Road and right-of-way removals;
- Supply and installation of new 300mm diameter PVC sanitary sewer;
- Road restoration and asphalt paving; and
- Boulevard and right-of-way restoration.

Detailed design of the trunk sanitary sewer is scheduled to be completed by end of December 2023, so that the tender for construction can be issued in Q1 2024, pending Council's approval of the 2024 Business Plan and Budget.

Conclusions

It is recommended that Council approve the project funding to facilitate the design of the trunk sanitary sewer.

SIGNATURES

Report Author:

Original signed by

Reuben Davis, P.Eng.
Supervisor of Engineering Services

Departmental Approval:

Original signed by

David Simpson, P.Eng., PMP
Director of Public Works

Approved for Submission:

Original signed by

Benjamin Addley
Chief Administrative Officer

ATTACHMENT

Attachment 1 – Lansdowne Avenue Trunk Sanitary Sewer – Location Map, August 2023