



INFRASTRUCTURE SERVICES *Staff Report*

REPORT NO: IS-2025-10

TO: Council

SUBMITTED BY: Jeff Molenhuis, P. Eng., Director of Infrastructure Services

PREPARED BY: Curtis Schaerer, C.E.T, Engineering Technologist
Ken VanderWal, P.Eng., Manager of Engineering

REVIEWED BY: Greg Clark, Acting Chief Administrative Officer

DATE: 2025-04-07

SUBJECT: **Baden Sanitary Trunk Sewer – Cost Sharing Agreement**

RECOMMENDATION:

THAT IS-2025-10 Baden Sanitary Trunk Sewer - Cost Sharing Agreement be received; and,

THAT Council consider By-law 2025-20, being a By-law that authorizes the Mayor and the Clerk to enter into a cost-sharing agreement with the Region of Waterloo for reimbursement of contract administration fees and construction costs related to the Regional Baden Sanitary Forcemain to be included within the Baden Trunk Sanitary Sewer Project.

SUMMARY:

This report seeks approval to enter into a cost-sharing agreement with the Region of Waterloo for the inclusion of a portion of the Region of Waterloo's Sanitary Forcemain within the Township's current Baden Sanitary Trunk Sewer project. The additional work requested by the Region includes the installation of twinned 250mm sanitary force mains along Foundry Street and Gingerich Road, starting at the entrance of the Baden Sanitary Pumping Station and ending at the culvert running perpendicular to Gingerich Road.

BACKGROUND:

In 2021, the Baden Trunk Sanitary Sewer Environmental Assessment was initiated as a joint proponent undertaking with the immediate benefiting landholders to review sanitary servicing

options for future growth lands in Baden. The EA process concluded with Council endorsement of the preferred alignment of the Baden Trunk Sanitary Sewer. In September of 2024, the contract was awarded to Steed & Evans for the Installation of the first phase of the Baden Sanitary Trunk from the south side of the CN rail line near Christian Street, to the Entrance of the Baden Sewage Pump Station.

In late 2023, the Region of Waterloo finalized the Baden – New Hamburg Water and Wastewater System Servicing Review Environmental Assessment which recommends a force main be installed from the Baden Wastewater Pumping Station to the New Hamburg Wastewater Treatment Plant. The forcemain will generally follow Foundry Street to Gingrich Road, through the Wilmot Rec Centre to Nafziger Road, Bleams Road, and ultimately the New Hamburg Waste Water Treatment Plant.

REPORT:

Following the approval process of the Baden Sanitary Trunk Sewer and during the early construction stage, the Region approached the Township of Wilmot to include a section of their proposed sanitary twin forcemain that aligns with the Baden Sanitary Trunk Sewer. This additional work involves the installation of a twinned 250mm DR18 white forcemain, carried out in accordance with the contract general conditions, special provisions, and standard specifications of contract RFT 2024-17 between the Township of Wilmot and Steed and Evans Limited.

To fulfil this request, a cost-sharing agreement needs to be approved by the Region's Commissioner of Engineering and Environmental Studies, as well as the Township of Wilmot's Mayor and Municipal Clerk.

Steed and Evans have incorporated this additional work into their schedule, with an anticipated start date of June 16th, 2025, and an estimated completion time of 16 working days, weather permitting.

It is crucial to include this additional work in our existing project to minimize construction in the area and public disruption. If this additional work is not approved to proceed concurrently with our existing project, the Region will complete the work at a later date, creating a new construction zone, removing all new surface material, and disrupting the public. Completing the work now is sensible for material cost efficiency and consideration of the public and local businesses.

Approval of the cost-sharing agreement with the Region of Waterloo for the Baden Sanitary Forcemain upgrades is a prudent decision. It allows for the efficient completion of necessary infrastructure improvements while minimizing public disruption and ensuring cost-effectiveness.

ALIGNMENT WITH THE TOWNSHIP OF WILMOT STRATEGIC PLAN:

Financial Stability

Prosperous Businesses & Balanced Growth

FINANCIAL CONSIDERATIONS:

The cost associated with the additional work comprises material and labour allocated by Steed and Evans, as well as Township costs including inspection, contract administration, and geotechnical services. Below is the breakdown of the associated costs:

<i>Item</i>	
Change Order	\$312,052.50 (fixed)
Inspection	\$8,800.00 (estimate)
Contract Admin	\$1,250.00 (fixed)
Geotechnical Services	\$20,000.00 (estimate)

Therefore, the total associated costs outside construction for the Township from the Region amount to \$342,102.50, which will be invoiced as the work is completed by the contractor with each payment certificate. This additional work will be at no extra cost to the Township of Wilmot and minimizes disruptions to the residents of Baden by installing all infrastructure within the work area under a single contract.

Additionally, under the current contract between Steed and Evans and the Township of Wilmot, holdbacks for statutory, maintenance, and warranty for this additional work will be held by the Township. We do not anticipate that the Region will take holdbacks from the Township on this. The release of the holdbacks for this portion of work will require written acceptance from the Region that the work has met all requirements.

ATTACHMENTS:

Attachment 1 – Region of Waterloo, Baden Forcemain Upgrade Drawing dated January 2025

Attachment 2 – Cost Sharing Agreement