



MUNICIPALITY ^{of} PRINCETON

Department of Infrastructure
& Operations

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MEMORANDUM

To: Mayor and Council of Princeton
From: Deanna Stockton *Deputy Administrator/Municipal Engineer*
Subject: Professional Services Agreement with Colliers Engineering and Design for Sanitary Sewer Trunk Line Flow Metering
Date: February 4, 2026

Attached for consideration by the Princeton Mayor and Council is a professional services agreement with Colliers Engineering & Design (CED) for sanitary sewer trunk line flow metering in the amount of \$93,250.00. The proposal also includes an optional extension for up to an additional six months of flow monitoring, at a cost of \$12,500.00 per month (not to exceed \$75,000.00).

CED's proposal outlines a sanitary sewer flow metering program to support the planned rehabilitation and lining of trunk lines B and C along Lake Carnegie. The metering will document existing flow conditions, quantify infiltration and inflow (I/I), and provide critical design data needed for the upcoming lining project. The intent of the metering program is to establish baseline flow conditions prior to construction, ensuring a clear understanding of current hydraulic performance within the system. The data collected will help identify I/I impacts within the segments targeted for lining and will inform the design of bypass pumping and appropriate liner materials. Additionally, the metering results will support the governing body's request for a cost-benefit analysis by quantifying potential reductions in both treatment and capital costs payable to the Stony Brook Regional Sewerage Authority. Overall, this work will guide project prioritization by identifying sections with significant defects or elevated levels of I/I, thereby supporting strategic planning for the rehabilitation effort.

The trunk line B and C rehabilitation work is partially funding by Princeton University voluntary contributions in the amount of \$4 million for trunk line B and an additional \$3.5 million for trunk line C.

Please feel free to reach out to me with any questions you may have.