

ITB Summary for Design and Construction Engineering Services for

Colson Palmer 12ft Storm Line Rehabilitation Project - Backwater gate assessment

The City of Dearborn is seeking to address cleaning and dewatering its 12-ft diameter trunk storm sewer line (the Colson Palmer storm sewer line), a 1.97-mile-long pipe that runs from the Colson and Palmer intersection to the Rouge River, and developing drawings and specifications for headwall structure. The Colson Palmer stormwater line is a 12-ft diameter, 1.97-mile-long pipe that runs through the center of Dearborn. Its purpose is to funnel stormwater from Dearborn's northeast end to the Rouge River. This stormwater line was originally built well above the Rouge River water line with the intention that it would not need routine maintenance. The design was also intended to allow stormwater to enter and flow freely throughout the line and then empty back into the river. Now rising water levels due to development upstream and more intense rainfall due to climate change has the outfall (end) of the Colson Palmer stormwater line frequently under water. Backwater from the Rouge River now deposits debris and sediment in the stormwater line which reduces the open area in the stormwater line. It is estimated from a physical inspection on June 28, 2021 that the stormwater line is almost half full with water, debris and sediment.

Through this Invitation to Bid (ITB), the City of Dearborn invites qualified contractors to inspect and improve the backwater gates at the Colson Palmer Outfall. These gates help manage water flow and prevent flooding

The work includes:

- Assessing the condition of the existing gates, timbers, and hinges.
- Installing and adjusting stop logs, which allow the gates to be safely isolated for maintenance or emergencies.
- Cleaning and preparing the gate seating areas to ensure proper operation.
- Returning the stop logs to the City after project completion.

Contractors interested in bidding are encouraged to review the project requirements and submit their proposals. This project is an important part of maintaining safe and reliable water management infrastructure in our community.