

In 2015 and 2016, City maintenance workers conducted video inspections of City wastewater and stormwater pipes. The video inspections revealed that many existing wastewater and stormwater lines were badly deteriorated and in need of rehabilitation. This project successfully rehabilitated over ¾-mile of wastewater pipe and over 1,200 lineal feet of stormwater pipe using a cured-in place pipe trenchless technology. Existing wastewater and stormwater pipes have been restored with a new interior hardened liner that will significantly increase pipe life span.

The wastewater fund was under budget in the amount of \$42,699, and the stormwater fund was exceeded in the amount of \$60,992. The higher stormwater cost was due primarily to a construction change order for using a higher grade of cured in place pipe material that was less harmful to the stormwater environment.

IV. PREVIOUS DISCUSSIONS HELD

March 13, 2018 Planning and Public Works Committee
March 20, 2018 Award Construction Contract

V. IMPACT

A. Service/Delivery:

The project will greatly reduce the risk of future pipe failure and service disruptions in downtown Redmond. In addition, it may reduce costly emergency response and repair work.

B. Fiscal Note:

Current Project Budget	
Wastewater CIP	\$513,733
Stormwater CIP	<u>\$263,864</u>
Total Project Budget	\$777,597
Estimated Project Costs	
Design	\$158,913
Construction	<u>\$636,977</u>
Total Estimated Project Costs	\$795,890
Transfer to Wastewater	\$ 42,699
Transfer from Stormwater	(\$ 60,992)

VI. ALTERNATIVES TO STAFF RECOMMENDATION

None

VII. TIME CONSTRAINTS

Following project acceptance, in accordance with RCW 60.28, the contract retainage will be released upon clearances from the Washington State Departments of Revenue and Labor and Industries, with a mandatory 60-day waiting period for filing of claims and liens.

VIII. LIST OF ATTACHMENTS

Attachment A: Vicinity Map