



City Council Report

Date: July 11, 2016
To: City Council
Through: Kari Kent, Assistant City Manager
From: Beth Huning, City Engineer
Rob Kidder, Assistant City Engineer
Subject: Main Street Wastewater Improvements – Mesa Drive to Gilbert Road
City Project CP0562
District 4

Strategic Initiatives



Purpose and Recommendation

The purpose of this report is to provide information to the Council about the inclusion of City funded improvements as part of the Gilbert Road Light Rail Extension (GRE) project (See Exhibit “A” for project location).

Staff recommends that Council approve the funding of wastewater improvements located throughout the GRE project. The total amount of the proposed improvements is \$1,690,116.

Background

On March 10, 2015, the City Council approved entering into a Design and Construction Agreement for the development of the Gilbert Road Light Rail Extension (GRE) project. This project will extend the existing light rail system from the current end of line station at Mesa Drive and Main Street to a new end of line station west of Gilbert Road, approximately 1.9 miles.

The approved Design and Construction Agreement with Valley Metro includes a process for the City to add City funded improvements to the Gilbert Road Light Rail Extension (GRE) project. These improvements typically include upgrades to City utilities and other facilities that are located adjacent to or within the new light rail facilities, but are not being directly impacted by the project. These improvements are referred to as Concurrent Non-Project Activities (CNPA), which must be funded by the City.

This CNPA request is for wastewater improvements that fall into two specific activities: cured-in-place resin lining and new wastewater main pipeline.

The cured-in-place resin lining will be installed on approximately 5,400 feet of existing

wastewater main pipes that are aging. This process is much quicker and costs less than a full replacement of the sewer pipe and will help prolong their service life.

Approximately 3,300 feet of new wastewater pipe and the accompanying services are proposed to be replaced on Main Street between Horne and Stapley Drive. The existing pipe is aged and currently has slope and elevation issues that are resulting in odor complaints from the surrounding community. The new wastewater alignment is proposed to address these concerns.

Discussion

The request to include these wastewater improvements was submitted to METRO for their review and concurrence. As part of this process, METRO requested pricing from the GRE project contractor, Stacy-Witbeck Sundt, A Joint Venture (SWS). The pricing provided from the contractor was reviewed and negotiated by City and METRO staff, after which all parties agreed to a negotiated cost that was reasonable for the proposed work.

Alternatives

The Council could choose not to include these CNPA improvements as part of the light rail project. This is not recommended since the odor issues and improvements to the wastewater system would not be addressed during the rest of construction on Main Street for the light rail project. This would result in future disruption to the public and could be more costly in following years.

Fiscal Impact

This project is funded by 2014 authorized Wastewater Bonds.

Coordinated With

The Water Resources Department concurs with this recommendation.