



# City Council Report

**Date:** December 11, 2017  
**To:** City Council  
**Through:** Kari Kent, Assistant City Manager  
**From:** Beth Huning, City Engineer  
Rob Kidder, Assistant City Engineer  
**Subject:** Gilbert Road Light Rail Extension  
City Funded Wastewater Improvements  
City Project No. CP0562  
Council District 4

## 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 \$58,512.

## 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 approximately 1.9 miles from the current end of line station at Mesa Drive and Main Street to a new end of line station west of Gilbert Road.

The approved Design and Construction Agreement includes a process for the City to add City funded improvements to the 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 manhole rehabilitations. Sanitary sewer manholes are exposed to extremely corrosive gases including hydrogen sulfide. Over time, these gases cause degradation of the internal structure of the manhole. An alternative to totally rebuilding the manholes is to rehabilitate them by coating the interior with a corrosion

protection coating system. This method is quicker and less costly and it prolongs the life of the existing infrastructure.

The City has identified 12 sanitary sewer manholes within the light rail project limits that need to be rehabilitated.

### **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 delaying these improvements would result in further deterioration and potentially unstable infrastructure in the roadway. This would also result in future disruption to the public after the light rail construction is completed.

### **Fiscal Impact**

These improvements are funded by the Water Utility Reserve Extension and Replacement Fund.

### **Coordinated With**

The Water Resources Department concurs with this recommendation.