

**CITY OF ALBANY  
CITY COUNCIL AGENDA  
STAFF REPORT**

Agenda date: June 1, 2009  
Reviewed by: BP

**SUBJECT:** 2008 Sewer Project - East Side of Albany Hill  
Notice of Completion

**REPORT BY:** Ann Chaney, Community Development Director  
Richard Cunningham, Public Works Manager  
Randy Leptien, City Engineer  
Ana Bernardes, Project Manager

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**STAFF RECOMMENDATION**

That the City Council adopt Resolution No. 09-24 approving and accepting improvements and directing the filing of the Notice of Completion for Contract No. C08-1, 2008 Sewer Project - East Side of Albany Hill

**BACKGROUND:**

On May 19, 2008, the City Council awarded the contract in the amount of \$ 1,019,125 for the 2008 Sewer Project - East Side of Albany Hill (Contract No. C08-1) to California Trenchless, Inc., of Hayward, CA. A Notice to Proceed was given to the contractor on June 26, 2008 and the contractor started the construction work on July 14, 2008.

**DISCUSSION:**

The objective of this project was to replace sewer mains located in back or side yard easements at various locations on the East Side of Albany Hill. Most of these sewers were located directly under backyard fences, retaining walls, and backyard-landscaping improvements. In some instances, recorded manholes could not be located. The contractor installed a new plastic liner pipe inside the existing sewer mains by the pipe bursting method, excavated in each back yard a small trench in order to reconnect the lateral serving the houses of the easement, installed two-way cleanouts at each residence, added a few manholes to facilitate future maintenance of the line, and relocated sewers which ran under the buildings.

It was a difficult project that involved daily interaction with the residents impacted by this work. Some change orders were necessary because of different underground site conditions that were encountered, where extra hand excavations were necessary to avoid damage to existing landscaping improvements that were either very close, or just above the existing piping layout. Other change orders were necessary because some additional work was required for unforeseen replacement and repair of fences and retaining walls that did

not resist the dissipation of energy created underground during the pulling of the new pipe sleeve. Due to these conditions, the contractor was allowed an extension of time to complete all the restorations that were disturbed by the work. On February 23, 2009 a final inspection of the work was conducted and substantial completion of the work was achieved. Between the end of February and now, the City received some complaints from residents who were dissatisfied with the results of the restoration work in their backyards. The contractor was required under the Contract to return to the site and redo the restoration work on these properties. At present, all concerns have been addressed and resolved to the satisfaction of the residents and the City.

California Trenchless, Inc. has finished all the work that was on the original contract agreement and also all the extra work originated by the changes in the scope of work.

### **SUSTAINABILITY IMPACT**

Given the prior condition of these sewers, the result of this project will improve the condition of the sewer system by minimizing the frequency of SSOs (Sewer System Overflows) that are a potential health risk to City residents, as well as the environmental quality of the Bay. The rehabilitation of the sewer system using trenchless technologies also required less energy than would have otherwise been required with conventional trenching. This is because trenchless technologies eliminate much of the trucking of surplus excavation, and the trucking and manufacturing of imported backfill and surface restoration materials that are required for open trench construction.

### **FINANCIAL IMPACT:**

This project, which was built using the Fund 713, Sewer Compliance Program, has been completed under budget and has no unexpected financial impacts.

The Final Projected Costs for this project are approximately \$ 1,654,997. This includes \$1,074, 297 for construction, and \$580,700 for engineering, right-of-way, construction management, and general administrative. This amount is below the total approved in the CIP budget for Project P49, which was estimated to be \$2.4 million. The surplus funds will be allocated to the Madison-Polk sewer project and future sewer replacement projects.

### **Attachments**

City Council Resolution No. 09-24  
Notice of Completion