

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

Agenda date: October 15, 2012
Preparation Date: October 4, 2012
Reviewed by: PL

SUBJECT: 2012 Sewer Main and Lower Lateral Replacement on the 600 and 700 Blocks of Spokane and Portland from Masonic to Key Route Blvd

FROM: Jeff Bond, Community Development Director
Richard Cunningham, Public Works Manager
Randy Leptien, City Engineer
Ana Bernardes, Project Manager

RECOMMENDATION

Adopt Resolution No. 2012-58 approving and accepting improvements and directing the filing of the Notice of Completion for Contract No. C12-5, Spokane Avenue/Portland Avenue - 2012 Sewer Improvement Project.

BACKGROUND

On April 2, 2012 the City Council authorized the preparation of 100% construction plans and documents for the Spokane Avenue/Portland Avenue - 2012 Sewer Improvement Project, and authorized the City Manager to award a contract amount not to exceed \$352,000.

On May 10, 2012 ten (10) bids were received for the project. The lowest responsive responsible bidder was from KJ Woods from San Francisco, CA. On May 18, the City Manager awarded a contract to KJ Woods in the amount of \$294,800.

DISCUSSION

The objective of this project was to replace sewer mains on the 600 and 700 blocks of Spokane and on Portland from Masonic to Key Route. The contractor installed a new plastic liner pipe inside the existing sewer mains by the pipe bursting method and excavated a small trench in order to reconnect the lateral serving the houses on these streets. In addition all the lower laterals for these houses were replaced and new two –way cleanouts installed at about the property line. Seven manholes were replaced and two new ones were installed to facilitate future maintenance of the line.

This project was recommended for replacement during the summer to correct defects noticed on our recently televising survey and in anticipation of the 2012 Pavement Rehabilitation Project on these streets that it is now underway.

Construction of the replacement of these sewers began in June of 2012 and lasted about eight weeks when a final inspection of the construction was conducted on August 2, 2012 and at that

time, all items were found to be complete and in compliance with the design drawings and specifications.

Greg Jacobs prepared design plans for the replacement of these sewer mains and lower laterals connected to these mains and also provided construction management services.

ANALYSIS

The City has been regularly replacing sewer mains and lower laterals in an effort to correct defective pipes and effectively eliminate infiltration and inflow from the rehabilitated pipe sections. These pipe replacements also significantly reduce the potential for sanitary sewer overflows.

SUSTAINABILITY

Rehabilitation of the sewers will improve the water quality environment by further reducing the inflow and infiltration of storm water into the sanitary system, which currently contributes to the overflow of partially treated wastewater from the EBMUD plant during storms.

FINANCIAL IMPACT

The total cost for this project including the incidental costs of consulting engineers, is as follows.

- Design Costs _____ \$ 19,282
- Construction _____ \$ 348,625
- Construction management _____ \$ 34,538
- Project administration _____ \$ 7,800
- Total _____ \$ 410,245

The source of funding for this project is from the Sewer Enterprise Fund. The adopted Capital Improvement Plan (CIP) has allocated approximately \$2.5 million dollars for all the miscellaneous citywide rehabilitation projects beyond the projects already named on the CIP. Thus, existing funding is available and allocated for this work.

Attachments:
Resolution No. 2012-58
Notice to completion