

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

Agenda date: June 1, 2009

Reviewed by: BP

SUBJECT: Polk Street and Madison Street Sewer Replacement Project
Notice of Completion

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

STAFF RECOMMENDATION

That the City Council adopt Resolution No. 09-25 approving and accepting improvements and directing the filing of the Notice of Completion for Contract No. C08-28, Polk St. and Madison St. Sewer Replacement Project (P58).

BACKGROUND

On March 17, 2008 the City Council authorized the call for bids for the 2008 Sewer Improvement Project - East Side of Albany Hill - CIP Project P49. The construction cost at the time had been estimated to be \$2,200,000 for construction, including a 10% contingency. However, the lowest bidder for that project was in the amount of \$1,019,125. Because the awarded contract amount was below the initially estimated cost, the City reviewed the highest priority sewers as part of the Capital Improvements Projects for the period of 2009-2013. As a result, it was decided that a portion of this surplus amount be used on the Polk St. and Madison St. Sewer Replacement Project - CIP Project P58.

On February 2, 2009 the City Council awarded the contract in the amount of \$ 149,688 for the Polk Street and Madison Street Sewer Replacement to Mac Namara & Smallman Construction Inc., of Livermore, CA. A Notice to Proceed was given to the contractor on February 25, 2009 and the contractor started the construction work on March 18, 2009.

DISCUSSION:

The objective of this project was to replace approximately 440 feet of sewer mains along the 900 block of Polk Street, 181 feet of sewer main under the sidewalk on the 900 block of Solano, and approximately 772 feet of sewer main on the 800 block of Madison Street between Washington and Solano Avenue. The pipe bursting method was used for both streets. The project also included the removal, replacement, and repair of six manholes at

the locations above, reconnection of the laterals serving the houses, and replacement of the lower laterals from the location of the sewer main to the property line.

When the project was about 90% complete, City staff noticed that the sewers on the 900 block of Madison, between Solano and Buchanan, were also in need of replacement. Staff also recognized that that sewer line would benefit from upsizing it from the current 6” pipeline to an 8” pipeline. Because the awarded contract for the Polk - Madison Project was under the initial cost estimate by nearly 50% (\$288,000 per the CIP for project P58), and because at that point the construction was going well with almost no significant change orders, City staff requested a quote from McNamara and Smallman to continue the work into the next block. Since McNamara was already mobilized at that street, and was able to keep the same low bid prices, the City staff approved a change order in the amount of \$85,813 to pipeburst the existing 6” VCP line into a 8” HDPE at the 900 block of Madison.

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

The final construction costs for this project are \$241,334. This includes the original contract award amount of \$149,688, plus the \$85,813 change order for the 900 block of Madison, and \$5,833 for change orders that were due to different underground site conditions encountered during the construction. This amount is below the \$288,000 construction estimated approved in the CIP for the Madison – Polk project. As noted above, these monies are from the surplus amount that resulted from the East Albany Hill sewer project. Thus, there is no unexpected financial impact with the completion of this sewer replacement project.

Attachments

City Council Resolution No. 09-25
Notice of Completion