

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

Agenda date: April 2, 2012

Reviewed by: PL

SUBJECT: 2012 Sewer Replacement on Spokane and Portland Avenues.

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

RECOMMENDATION

Authorize staff to:

- 1) Invite bids and award a contract on the amount not to exceed \$ 352,000 for the 2012 Sewer Replacement on Spokane and Portland Avenues.
- 2) Enter into an agreement not exceed \$20,000 with Greg Jacobs Engineering to provide project design services for 2012 Sewer Replacement on Spokane and Portland Avenues.

BACKGROUND

Since the late 1980s the City has been pursuing a program to reduce Infiltration/Inflow (I/I) and eliminate sewer overflows. This program is funded by the City's sewer service charge. As part of this program, the City has recently filmed a good portion of its sewer mains and is in the process of rating them based on its defects to establish the sewers that will require replacement on the near future.

The sewer pipe sections on the 600 and 700 blocks of Spokane and on Portland from Masonic to Key Route have been recently televised and from this assessment the City staff discovered that the structural condition of these pipes will require a replacement in the near future.

City is also planning to resurface the pavement on these streets as part of the Pavement Rehabilitation Program this summer, so the city staff is recommending allocating some of the available sewer fund to rehabilitate the sewers in these two locations before the street is resurfaced.

EBMUD has recently completed replacement of all water mains and service lines on these same streets and the City has also made contact with PG& E and recommended replacement of gas mains and service lines.

The City staff will be coming back to City Council and in the near future to recommend a pavement rehabilitation project for these streets on this summer.

DISCUSSION

The recommended solution for the sewer replacement is to install a new plastic liner pipe inside the existing sewer mains and the lower laterals in each street by the pipe bursting method. The City will also replace existing manholes and roding inlets on this section to further reduce the infiltration and inflow of storm and ground water (“I and I”) into the sanitary sewer system.

The timing for replacing the sewers is important so the City not only will get the sewers replaced before the resurfacing of the street on this summer but also will take advantage of a rebate program available from EBMUD that contributes money toward our paving project. These rebates are made available when the City repairs the entire street prior to EBMUD repairing its trenches.

Because of the need to complete the sewer work still during this spring and before the Pavement Replacement this summer, the City staff would like to request that the City manager award the sewer contract based on the proposed engineering estimate.

Jacobs Engineering has been working with the replacement of other sewer projects in the City and he will be able to prepare plan, specifications to be ready for bidding in early April 2012.

Construction would begin in June 2012 and it is expected to take 4-6 weeks.

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

- Design Costs _____ \$ 20,000.
- Construction _____ \$352,000.
- Construction management _____ \$ 27,400.
- Project administration _____ \$ 7,800.
- Total _____ \$415,000.

The source of funding for this project is from the Sewer Enterprise Fund. The adopted Capital Improvement Plan (CIP) has allocated about \$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.