

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

Agenda date: June 18, 2012
Reviewed by: PL

Subject: 2012 Pavement Rehabilitation Project

From: Rich Cunningham, Public Works Manager
Randy Leptien, City Engineer
Ana Bernardes, Project Manager
Judy Lieberman, Projects Director

RECOMMENDATION

Adopt Resolution No. 2012-39: Approving plans, finding project to be Categorically Exempt under CEQA, calling for Bids, and authorizing the City Manager to Award a Contract (Contract No. C12-9) for the 2012 Paving Project, to the lowest responsible bidder for an amount not to exceed \$416,000. The project area is Spokane Avenue from Brighton Avenue to Portland Avenue, and Portland Avenue from Masonic Avenue to Key Route Boulevard.

BACKGROUND

In June of 2006 the voters of Albany passed Measure F-2006, which provides funding on an annual basis for the construction of pavement and storm drainage repairs and improvements. Streets are selected for rehabilitation using the “Street Saver” program that is distributed and coordinated by Metropolitan Transportation Commission (MTC). Streets are periodically evaluated and assigned a pavement condition index or PCI by a pavement consultant retained by the City via a grant from MTC. The PCI is a measurement of pavement grade or condition and ranges from 0 to 100. A newly constructed street would have a PCI of 100, while a failed street would have a PCI of 10 or less. On the 2011 survey conducted for the Pavement Management update of 2012, the PCI for the Spokane Avenue between the City limit and Portland Avenue is 36 and the PCI for Portland Avenue from Masonic Avenue to Key Route Boulevard is 8.

Last year EBMUD, under a negotiated encroachment permit, replaced the water main on these streets and offered a rebate to contribute towards this pavement project. These rebates are made available when the City repairs the entire street right after EBMUD work so the Utility only provides a thin AC repair for the area of the trench.

On April 2, 2012 the City Council authorized the City Manager to Invite bids and award a contract for the 2012 Sewer Replacement on Spokane and Portland Avenues. The intention of City staff was to also replace the sewers that were in fair condition before the City performed the pavement work. The sewer project is going to start construction on June 18, 2012 and will be completed by end of July.

DISCUSSION

Jacobs Engineers prepared the Plans and Specifications for the 2012 Paving Project. The 90% plans have been reviewed by the City Engineer and the City Project Manager comments returned to Jacobs. The final plans are scheduled to be delivered to the City on June 22nd.

The scope of work to be performed consists of grinding, removing and disposing of existing 4" of asphalt concrete pavement and replacing with new, together with incidental items of work. These items include the installation and upgrading of curb ramps, base failure repairs, replacement of striping, and adjustment of utility frame and covers on the following streets:

1. Spokane Avenue from Brighton Avenue to Portland Avenue
2. Portland Avenue from Masonic Avenue to Key Route Boulevard

Alternative bid schedules were included for the following work:

1. Accessibility ramps at the various locations.

The tentative schedule for this project is as follows:

1. Council authorization to go for bid	6-18-12
2. Publishing for bid	6-26 and 7-3
3. Open Bid	7-17
4. Award Pavement Contract	7-23-12
5. End of the sewer Project	7-27-12
6. Notice to Proceed	8-20-12
7. Complete Project	10-5-12
8. Final inspection	10-12-12
9. Project Acceptance	11-5-12

The City Council does not meet in August, thus it is being recommended that the City Manager be authorized to execute the agreement for this project, provided that the lowest responsible responsive bid is under the Engineer's estimate.

ANALYSIS

The PCI rate on these streets is classified according to the MTC as a failed street or nearing failure. The project by EBMUD has urged the City to move fast with the replacement of the sewer mains and now with the proposed asphalt replacement in order to take advantage of the rebate available and repair these streets before the rainy season.

The sidewalks on Portland Avenue between the Ohlone Greenway and Key Route along the proposed project are also recommended for improvements in the Active Transportation (ATP). The ATP shows that Portland east of the Greenway is in the highest priority sidewalk network (which is termed the "skeleton" network in the ATP). East of Key Route the sidewalks are sufficiently wide and do not need improvement.

Staff has surveyed the condition of the sidewalks and examined the north side of the street for purposes of including modifications to improve accessibility. Some accessibility improvements can be added to the project for approximately \$13,000. Developed plans were not detailed for these modifications, but can be constructed under a change order. Staff will need to contact each of the homeowners, as each driveway will need an individual design. The project already includes eight curb ramps, so the contractor will already be engaged in removal and placement of concrete.

SUSTAINABILITY

This project involves the removal and replacement of existing asphalt concrete pavement only and few options for sustainable alternatives exist; however the new accessibility ramps and sidewalk improvements afford greater mobility by disabled persons, strollers, and able bodied persons in general. This promotes non-motorized travel, thereby reducing air emissions. In addition the construction of these accessibility improvements will involve the use of recyclable aggregate base and the use of fly ash as part of the concrete mixture.

FINANCIAL IMPACT

• Construction	\$ 416,000
• Construction Contingency(Includes driveways modifications)	\$ 41,000
• Contract Change Order for Sidewalk modifications	\$ 10,000
• Design and Construction Engineering	\$ 55,000
• Project Management - City’s Project Manager	\$5,000
• Administration Contract City Engineer (LCC)	<u>\$5,000</u>

Estimated total project cost \$532,000

EBMUD rebate reimbursement will be approximately \$35,000. The remaining \$497,000 funding for pavement rehabilitation will be provided by Measure F 2006.

Attachment:

1. Resolution No. 2012-39
2. Plans for the 2012 Pavement Project
3. Engineering cost estimate for the 2012 Pavement Project.
4. Portland Sidewalk Corridor Study