



DATE: December 9, 2014

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Dana Street Reconstruction, Project 13-28 – Approve Plans and Specifications and Authorize Bidding**

RECOMMENDATION

1. Appropriate and transfer \$70,000 into Dana Street Reconstruction, Project 13-28, from the Storm Drain Construction Fund. (Five votes required)
2. Approve plans and specifications for Dana Street Reconstruction, Project 13-28, and authorize staff to advertise the project for bids.
3. Authorize the City Manager to award the construction contract to the lowest responsible bidder if the low bid is within the project budget including a 10 percent construction contingency.

BACKGROUND

The Dana Street Reconstruction Project includes installation of curb, gutter, sidewalk, storm drains, and pavement reconstruction on Dana Street between Pettis Avenue and Mariposa Park. This short street segment was constructed without sidewalks, curb and gutter, or storm drainage. Water ponds along the street during the rainy season due to improper sloping, and the street does not have an adequate storm drainage system (see Exhibit A).

The drainage system at the intersection of Dana Street and Pettis Avenue consists of a “cross-culvert” system with open half-sections of corrugated pipe installed flush with the top of the curbs and covered with asphalt to convey stormwater across the intersection. Bicycles and autos occasionally drive into the open section of pipe, so these cross-culverts are generally replaced with traditional storm drain inlets as part of street reconstruction projects. The project includes replacement of the cross-culverts.



Exhibit A – Project Site

ANALYSIS

Plans and specifications are complete and the Engineer's Estimate for construction is \$275,000, approximately \$70,000 over the construction budget. This amount is necessary to cover the unanticipated cost of the additional stormwater system not included in the original scope of work. The original scope of work anticipated surface draining the street using the new gutters. However, after further design, it has been determined that due to existing elevations of adjacent properties and the final street grades, an underground storm drainage system is required for proper management of stormwater. Staff recommends supplementing the project budget with \$70,000 from the Storm Drain Construction Fund to cover the budget shortfall.

Plans and specifications are on file in the Public Works Department. If the recommended actions are approved, construction is scheduled to begin in March 2015 and be complete by summer 2015.

In accordance with the requirements of the California Environmental Quality Act (CEQA), this project has been determined to be categorically exempt because the project consists of street reconstruction and does not expand the use beyond the existing conditions.

FISCAL IMPACT

Dana Street Reconstruction, Project 13-28, is funded with Construction/Conveyance Tax (\$169,000) and Gas Tax (\$205,000) for a total funding of \$374,000. Based on the current design, an additional \$70,000 is needed to fully fund the construction and associated design, inspection, project management, and administration costs.

The project budget breakdown is as follows:

Construction

Roadway Improvements	\$220,000	
Storm Drainage Improvements	63,000	
Construction Contingency	<u>28,000</u>	
Subtotal Construction		311,000

Design and Inspection Cost

Design Services	40,000	
Project Management	32,000	
Construction Inspection and Testing	25,000	
Miscellaneous	<u>9,000</u>	
Subtotal Design and Inspection Cost		106,000

City Administration @ 6.5%		<u>27,000</u>
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TOTAL ESTIMATED COST		444,000
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Current Project Budget		<u>(374,000)</u>
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Shortfall		<u>(\$ 70,000)</u>
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Funding is proposed to be added to this project from the Storm Drain Construction Fund which, as of October 31, 2014, had a balance of \$500,000. At the Council meeting on December 2, 2014, Council approved allocating \$325,000 to the Park Drive Trash Capture Device Project, leaving a balance of \$175,000 in the Storm Drain Construction Fund.

ALTERNATIVES

Alternatives to the staff recommendations include:

1. Authorize staff to bid the project and return to Council for approval of additional funding based on actual bid costs.
2. Defer construction.
3. Provide other direction.

PUBLIC NOTICING

Agenda posting. Staff has communicated with the affected property owners on development of the plans.

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cc: APWD – Solomon, PCE – Au, PCE – Macaraeg, AAI – Grimm, SPM – Rodriguez,
File 13-28