



# CITY OF SANTA BARBARA

## JOINT COUNCIL AGENDA REPORT

**AGENDA DATE:** March 8, 2016

**TO:** Mayor and Councilmembers

**FROM:** Engineering Division, Public Works Department  
Creeks Division, Parks and Recreation Department

**SUBJECT:** Contract For Construction Of The Quarantina Street Permeable Pavers Project

**RECOMMENDATION:** That Council:

- A. Award a contract with Brough Construction, Inc., waiving minor irregularities, in their low bid amount of \$1,491,943 for construction of the Low Impact Development Demonstration Streets, Sidewalks, and Alleys Project – Phase II, Bid No. 3783; and authorize the Public Works Director to execute the contract and approve expenditures up to \$149,194 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment;
- B. Approve a transfer of reserves in the amount of \$461,473 from the Creeks Operating Fund to the Creeks Capital Fund; and
- C. Increase appropriations and estimated revenues by \$461,473 in the Creeks Capital Fund to cover the cost of the City's matching requirement for the Proposition 84 Grant that will be used to fund the Project.

### **DISCUSSION:**

#### Project Description

The Low Impact Development Demonstration Streets, Sidewalks, and Alleys Project – Phase II (Project) consists of installing over 45,000 square feet of permeable concrete pavers in the sidewalks and roadway of Quarantina Street, from Canon Perdido Street to Ortega Street. The Project is designed to capture and treat the volume of storm water generated from a 1-inch, 24-hour storm event. Phase I of the Project was constructed in the summer of 2015, under a separate contract, and consisted of installing over 23,000 square feet of permeable concrete pavers in the sidewalks around Alice Keck Park Memorial Gardens and the Parks and Recreation Department's service road at Plaza de Vera Cruz. The Project will be used as an example of a Best Management Practice that

meets the City's Storm Water Management Program requirements, and can be installed almost anywhere there is existing hardscape.

### Contract Bids

A total of six (6) bids were received for the subject work, ranging as follows:

	<b>BIDDER</b>	<b>BID AMOUNT</b>
1.	Brough Construction Inc. Arroyo Grande, CA	\$1,491,943.00
2.	Shaw Contracting Carpinteria, CA	\$1,508,620.00
3.	R. Burke Construction San Luis Obispo, CA	\$1,550,365.00
4.	Whitaker Construction Group Paso Robles, CA	\$1,660,000.00
5.	Red Hawk Services Perris, CA	\$1,728,593.75
6.	Granite Construction Santa Barbara, CA	\$1,968,017.00

The low bid of \$1,491,943.00, submitted by Brough Construction, Inc., is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

The change order funding recommendation of \$149,194, or ten percent, is typical for this type of work and size of project.

### Community Outreach

Public Works and Creeks Division staff have notified the property owners and residents near the Project locations of the upcoming construction via mailers and in-person meetings. The contractor will be responsible for the final notice via door hangers, 72 hours prior to construction. The Project will also be described in a press release and on the City's website. During construction, temporary construction signs detailing the Project's design and benefits will be posted at the sites. Upon Project completion, a television segment will be prepared and aired on City TV, and permanent interpretive signs will be posted at each site.

### **BUDGET/FINANCIAL INFORMATION:**

The City was awarded Proposition 84 Storm Water Grant Program funding in the amount of \$2,307,010 for the Project costs of both phases. There was a minimum 20

percent local match required as part of this grant application. On November 4, 2014, Council adopted Ordinance No. 5674, approving and ratifying the Proposition 84 grant agreement.

Based on the total project cost of \$1,186,790 for design and construction of Phase I, the remaining \$1,535,551 of grant funds and \$461,473 of matching funds from Creeks Operating Fund reserves will be used to fund Phase II of the Project.

The following summarizes the expenditures recommended in this report:

**CONSTRUCTION CONTRACT FUNDING SUMMARY**

	<b>Basic Contract</b>	<b>Change Funds</b>	<b>Total</b>
Contractor	\$1,491,943	\$149,194	\$1,641,137
<b>TOTAL RECOMMENDED AUTHORIZATION</b>			<b>\$1,641,137</b>

The following summarizes all Project design costs, construction contract funding, and other Project costs:

**ESTIMATED TOTAL PROJECT COST**

*\*Cents have been rounded to the nearest dollar in this table.*

	<b>PROP 84</b>	<b>CITY SHARE</b>	<b>TOTAL</b>
City Design Cost	\$0	\$58,324	\$58,324
City Survey Costs	\$0	\$6,000	\$6,000
<b><i>Design Subtotal</i></b>	<b>\$0</b>	<b>\$64,324</b>	<b>\$64,324</b>
Construction Contract	\$1,491,943	\$0	\$1,491,943
Construction Change Order Allowance	\$11,705	\$137,489	\$149,194
<b><i>Subtotal</i></b>	<b>\$1,503,648</b>	<b>\$137,489</b>	<b>\$1,641,137</b>
Construction Management/Inspection (by City Staff)	\$0	\$235,000	\$235,000
Material Testing	\$31,903	\$0	\$31,903
Labor Compliance	\$0	\$24,660	\$24,660
<b><i>Subtotal</i></b>	<b>\$31,903</b>	<b>\$259,660</b>	<b>\$291,563</b>
<b><i>Construction Subtotal</i></b>	<b>\$1,535,551</b>	<b>\$397,149</b>	<b>\$1,932,700</b>
<b>TOTAL PROJECT COST</b>	<b>\$1,535,551</b>	<b>\$461,473</b>	<b>\$1,997,024</b>

**SUSTAINABILITY IMPACT:**

Storm water and urban runoff from impervious surfaces are a major source of surface water quality degradation. Infiltrating polluted runoff provides passive treatment at the source, which enhances watersheds and beaches, reduces damaging peak storm water flows, recharges groundwater, and requires no power consumption for operation.

**PREPARED BY:** John Ewasiuk, Principal Civil Engineer/LY/sk  
Cameron Benson, Creek Restoration/Water Quality  
Improvement Manager

**SUBMITTED BY:** Rebecca J. Bjork, Public Works Director  
Jill Zachary, Parks and Recreation Director

**APPROVED BY:** City Administrator's Office