



Agenda Item No. \_\_\_\_\_

File Code No. 530.04

# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** June 26, 2012

**TO:** Mayor and Councilmembers

**FROM:** Engineering Division, Public Works Department

**SUBJECT:** Contract For Design For The Fiscal Year 2013 Pavement Maintenance Project

**RECOMMENDATION:** That Council:

- A. Approve the selection of Flowers & Associates, Inc., to provide professional engineering design and construction management services for the annual Pavement Maintenance Project scheduled for Fiscal Years 2013 through 2015; and
- B. Authorize the Public Works Director to execute a City Professional Services contract with Flowers & Associates, Inc. in the amount of \$80,479 for design services for the Fiscal Year 2013 Pavement Maintenance Project, and authorize the Public Works Director to approve expenditures of up to \$8,048 for extra services that may result from necessary changes in the scope of work.

### **DISCUSSION:**

The Engineering Division hires design and construction consultant services for delivery of its annual Pavement Maintenance Project. In 2009, staff sought proposals from local engineering firms for the City's annual pavement maintenance design and contract administration services in order to make efficient use of staff time and increase the ratio of funds expended on construction. Flowers & Associates, Inc. (Flowers) was selected to provide design and construction management services for Fiscal Years 2010 through 2012. Flowers has successfully delivered its design and construction management services over the past three years, and staff recommends that Flowers be selected to provide these services for Fiscal Years 2013 through 2015. Flowers has agreed to extend its current fee schedule through 2015. Staff will negotiate separate contracts for each of the fiscal years.

## PROJECT DESCRIPTION

The City is divided into six pavement maintenance zones (Attachment). Staff has negotiated a contract with Flowers for design phase services for Fiscal Year 2013, which will include portions of Zones 5 and 6. This design phase includes the evaluation of over 6.25 million square feet of roadway within this zone, as well as other specific streets requiring repair outside of Zones 5 and 6. The design will specify repair and maintenance procedures to apply to streets and include the preparation of construction contract documents so that the work can be bid, awarded, and then constructed.

The scope of services from Flowers includes the following:

- Surveying the existing pavement condition;
- Marking streets for pavement repair work;
- Preparing specifications for pavement repairs; and
- Preparing construction cost estimates for all components of the construction phase, including pavement preparation, slurry seal, crack seal, and other alternative repair options.

The design for the Project is scheduled to be completed by December 2012, with construction work scheduled to commence in spring 2013.

## DESIGN PHASE CONSULTANT ENGINEERING SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Flowers in the amount of \$88,527 for design services. Flowers is one of the participants in the City's Pre-qualified Engineering Services Program and is experienced in this type of work. Flowers was also previously selected through a Request For Proposal process in 2009 for this type of work.

## FUNDING

The Project is funded primarily through Streets Capital funds that were previously budgeted for pavement maintenance, which included Measure A and Utility User Tax funds.

The following summarizes all estimated total Project costs:

**ESTIMATED TOTAL PROJECT COST**

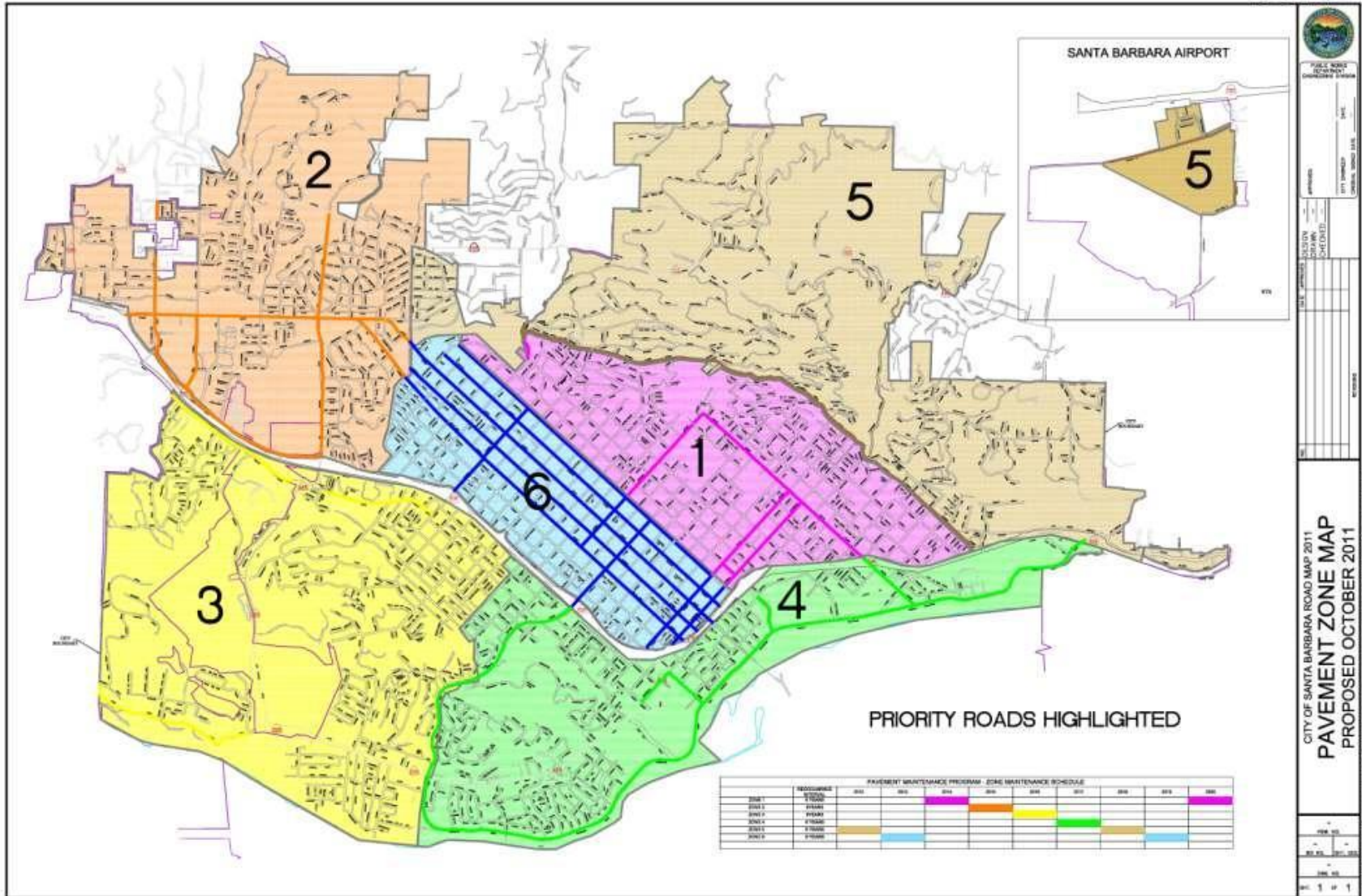
Design (by Contract)	\$88,527
Design Project Management (by City staff)	\$40,000
<b>Subtotal</b>	<b>\$128,527</b>
Estimated Construction Contract w/Change Order Allowance	\$1,691,473
Estimated Construction Management/Inspection (by Contract)	\$300,000
Estimated Construction Project Management (by City staff)	\$80,000
<b>Subtotal</b>	<b>\$2,071,473</b>
<b>TOTAL PROJECT COST</b>	<b>\$2,200,000</b>

There are sufficient funds in the Streets Fund to cover these costs. Measure A funds are a significant funding source for the Streets Capital Program, including the design and construction of the Project.

**SUSTAINABILITY IMPACT:**

The timely maintenance of pavement extends the life of the pavement section and road condition, and it is the most cost effective approach to infrastructure management. This program also minimizes the amount of raw materials needed including pavement oils, significantly reduces waste materials that would be directed to landfills, decreases costs for labor, limits public inconvenience, and minimizes lost revenues of nearby businesses.

- ATTACHMENT:** Pavement Maintenance Zone Map
- PREPARED BY:** John Ewasiuk, Principal Civil Engineer/AS/sk
- SUBMITTED BY:** Christine F. Andersen, Public Works Director
- APPROVED BY:** City Administrator's Office



**CITY OF SANTA BARBARA ROAD MAP 2011  
PAVEMENT ZONE MAP  
PROPOSED OCTOBER 2011**

DATE PREPARED: 10/17/2011 3:31 PM, ALM/BJP  
 DRAWN BY: [ ]  
 CHECKED BY: [ ]  
 APPROVED BY: [ ]  
 DATE: 10/17/2011

Scale: 1" = 1/4" (1:360)

© Measurements and Settings Various/Unknown/Zone map - proposed.dwg, 10/17/2011, 3:31 PM, Alm/BJP