Agenda Item No. 8

File Code No. 530.04

CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: October 7, 2008

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Design Services For Zone 3 Pavement Maintenance

RECOMMENDATION:

That Council authorize the Public Works Director to execute a contract with Flowers and Associates, Inc. (Flowers), in the amount of $59,937 for design services for the Zone 3 Pavement Maintenance Project (Project), and authorize the General Services Manager to approve expenditures of up to $5,994 for extra services of Flowers that may result from necessary changes in the scope of work.

DISCUSSION:

PROJECT DESCRIPTION

The design contract for the Project includes the evaluation of the condition of over 6.1 million square feet of pavement within Zone 3, as well as other streets requiring repair outside of this zone. Zone 3 is the western portion of the City south of Highway 101 (see attachment). It also identifies and recommends repair and maintenance procedures to apply to the streets, and prepares construction contract(s) so the work can be bid, awarded, and constructed.

Staff solicited proposals from five firms for design services which included a proposal from Flowers. The proposed scope of services from Flowers includes the following:

- Surveying pavement condition
- Marking streets for pavement repair work for both design and construction
- Preparing specifications for pavement repairs
- Preparing construction cost estimates for pavement preparation, slurry seal, crack seal, asphalt overlay and other alternative repair options

The design for the Project is scheduled to be completed by February 2009 with construction work scheduled to occur in spring/summer 2009.

DESIGN PHASE CONSULTANT ENGINEERING SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Flowers in the amount of $59,937, and $5,994 for extra services, for a total of $65,931. Flowers is one of the participants in the City's Prequalified Engineering Services Program and is experienced in this type of work.

FUNDING

The following summarizes all estimated total project costs:

ESTIMATED TOTAL PROJECT COST

Design (by Contract)	$65,931
Other Design Costs (City staff)	$50,000
Subtotal	**$115,931**
Estimated Construction Contract w/Change Order Allowance	$3,278,500
Estimated Construction Management/Inspection (by Contract and City)	$300,000
Subtotal	**$3,578,500**
TOTAL PROJECT COST	**$3,694,431**

The estimated construction contract includes Proposition 42 funds the City is anticipating to receive this fiscal year. These funds were included in the approved Fiscal Year 2009 Streets Capital Improvements Program budget. If the City does not receive these funds from the State prior to bidding the work, the contract work will be reduced proportionally.

There are sufficient funds in the Streets Capital Program to cover these costs. Approximately $1.2 million of Measure D funds are proposed to be used on pavement maintenance this fiscal year. Measure D funds provide significant funding for the Streets Capital Program, including the design and construction of the Project.

SUSTAINABILITY IMPACT:

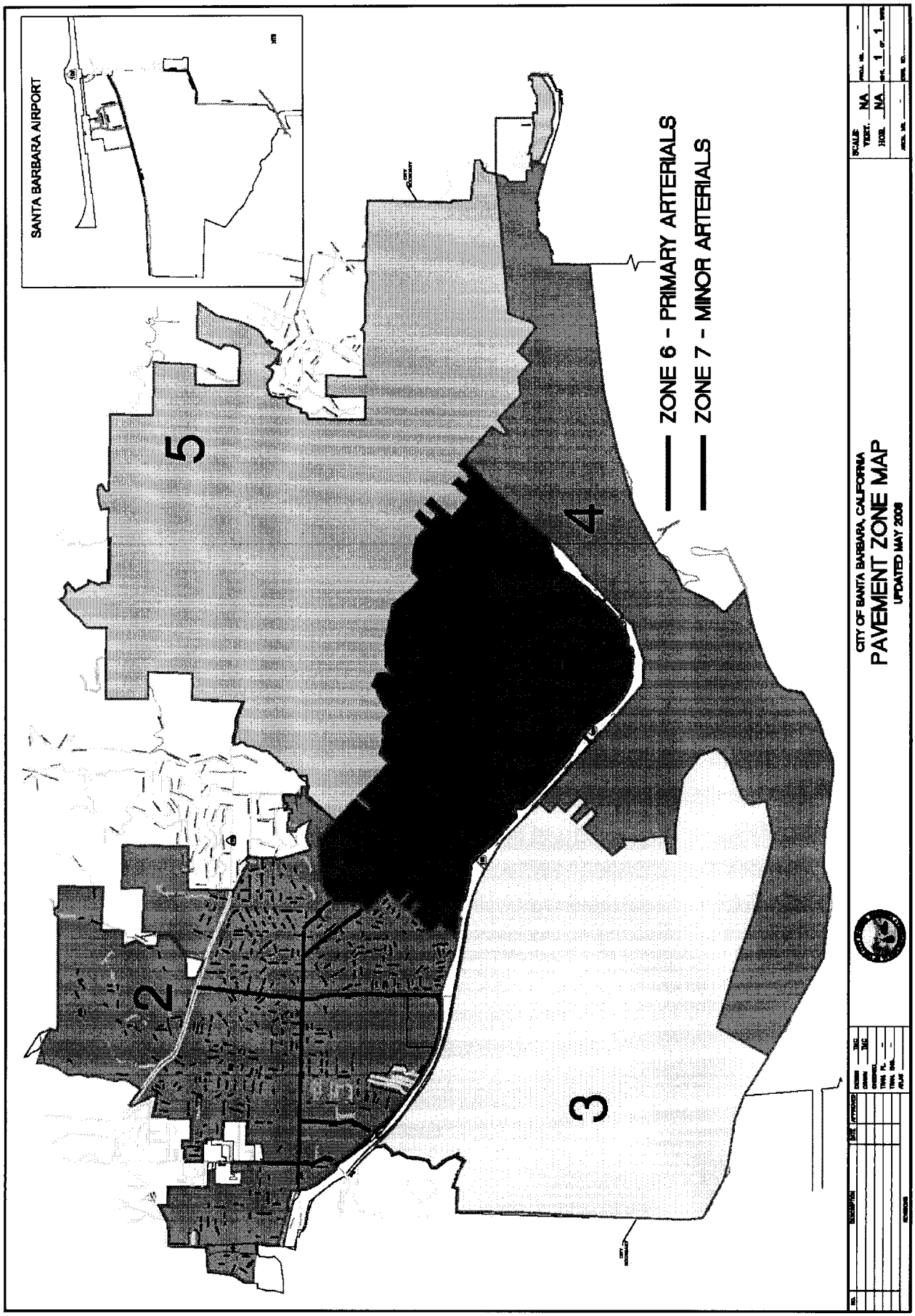
The goal of the annual pavement maintenance project is pavement preservation. Cost benefit analysis has shown that a pavement preservation program is far superior to waiting for an overlay or complete road reconstruction. Overlays and road reconstruction use large quantities of natural resources and are much more disruptive to users of the transportation system.

ATTACHMENT(S): Zone 3 Location Map

PREPARED BY: John Ewasiuk, Principal Civil Engineer/TC/mj

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office


SANTA BARBARA AIRPORT
5
4
3
2
ZONE 6 - PRIMARY ARTERIALS
ZONE 7 - MINOR ARTERIALS
CITY OF SANTA BARBARA, CALIFORNIA
PAVEMENT ZONE MAP
UPDATED MAY 2008