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**DATE:** May 20, 2008  
**TO:** Mayor and City Council  
**FROM:** Director of Public Works  
**SUBJECT:** Sulphur Creek Enhancement Project: Approval of Plans and Specifications and Call for Bids

### **RECOMMENDATION**

That Council adopts the attached resolution approving the plans and specifications for the Sulphur Creek Enhancement Project at the Hayward Executive Airport and calls for bids to be received on June 24, 2008.

### **BACKGROUND**

The Airport has long planned a project to enhance and improve a portion of Sulphur Creek. The original scope was previously expanded to address mitigation for other construction projects. The present Sulphur Creek Enhancement Project now also serves to address a mitigation required for having enclosed approximately 150 linear feet of an open drainage channel with a pipe culvert in West A Street near Skywest Drive and approximately 419 linear feet of the open drainage channel with a box culvert related to the public improvements in the Cannery Area.

### **DISCUSSION**

The current project has been developed after significant consultations with the Regional Water Quality Control Board (RWQCB). This offsite mitigation for the two previously constructed developments will be performed along a 1,423-foot-long section of Sulphur Creek at the Hayward Executive Airport (see Exhibit A). Of this section, 850 linear feet of channel enhancement are to be provided as mitigation for the Cannery Area Project, while the remainder will be used as mitigation for impacts pertaining to the West A Street Realignment Project. This section of Sulphur Creek will be reconfigured to provide a meandering, low-flow channel with more stable bank slopes. Native riparian vegetation will be planted along the re-contoured banks, while overgrown, exotic species will be removed to provide for better quality riparian habitat along Sulphur Creek.

Significant erosion is present along this section of Sulphur Creek at the Hayward Executive Airport. To establish stable channel banks, the top of the stream bank will be pulled back away from the channel centerline. The stabilized slopes will be planted with native vegetation and, where possible,

small meanders have been added to the channel. Areas adjacent to the creek are available for mitigation and have been lowered to near floodplain elevation to allow for regular ponding between flow events and to allow for a variety of vegetative plantings to succeed.

This project was planned for last summer, but construction was postponed to resolve RWQCB comments. Work is now scheduled to ensure completion prior to the rainy season.

### FISCAL IMPACT

The estimated project costs are as follows:

Contract Construction	\$ 405,000
Design and Administration	145,000
Inspection and Testing	50,000
Total	<u>\$ 600,000</u>

The proposed FY 2009 Capital Improvement Program includes \$600,000 in the Airport Capital Improvement Fund for this project.

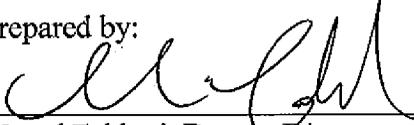
### PUBLIC CONTACT

Not applicable.

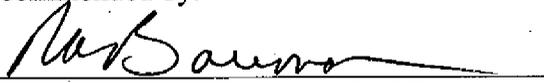
### SCHEDULE

Open Bids	June 24, 2008
Award Contract	July 15, 2008
Begin Work	July 28, 2008
Complete Work	November 7, 2008

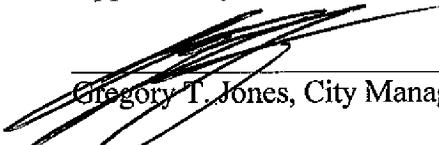
Prepared by:

  
Morad Fakhrai, Deputy Director of Public Works

Recommended by:

  
Robert A. Bauman, Director of Public Works

Approved by:

  
Gregory T. Jones, City Manager

Attachments: Exhibit A: Project Location Map  
Resolution



ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward