

DATE: April 7, 2009

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: West T-Hangar Ramp Pavement Reconstruction: Approval of Plans and Specifications and Call for Bids

RECOMMENDATION

That Council adopts the attached resolution approving the plans and specifications for the West T-Hangar Ramp Pavement Reconstruction Project and calls for bids to be received on May 19, 2009.

BACKGROUND

This project will provide for critical pavement repairs on the existing taxiways of the West T-Hangar Ramp at the Hayward Executive Airport (see Exhibit A for limits of work). Taxiway "A" is a major thoroughfare providing access to several Airport leasehold tenants, including Volo Aviation, Atlantic Aviation, and Bud Field Aviation. The continuous use of this taxiway by heavy aircraft has exacerbated the deterioration of the entire paved surface area. The size of aircraft currently using the taxiway is much heavier than the pavement sections were originally designed to handle. Emergency repairs of another taxiway were performed last year when it became necessary to close the taxiway in the interest of safety. The establishment of an Airport Pavement Management System to maintain inventory, monitor pavement condition, identify and prioritize pavement needs, and select cost-effective treatments is underway as part of a separate CIP project. This program will provide an engineering plan for the maintenance and repair of all Airport pavement.

DISCUSSION

Staff has determined that the best and most appropriate use of available Airport Capital Improvement funds for pavement rehabilitation would be to reconstruct the central section of Taxiway "A," from Taxiway "E" to Taxiway "F," and install an asphalt concrete overlay on each side of the reconstructed sections. The pavement reconstruction will consist of removing the existing failed pavement and underlying layers, treating the sub-base with cement, and replacing the section with full-depth asphalt concrete. When the project was originally developed, it was

intended to cover a limited area at Taxiway "A." Since then, Airport staff has requested an increase in the scope of work to include other emergency repairs on the Diagonal Taxiway, between Taxiway "A" and Taxiway "C," where current pavement conditions forced a temporary closure of the taxiway. Localized spot repairs will be performed to expedite the re-opening of the taxiway and to minimize impact to leasehold tenants. The spot repairs (full-depth dig outs) will consist of removing twelve-inch depth of localized failed pavement, compacting the base, and plugging it with asphalt concrete.

The project is categorically exempt under section 15301(c) of the California Environmental Quality Act Guidelines for the operation, repair, maintenance, or minor alteration of existing facilities.

FISCAL AND ECONOMIC IMPACT

The estimated project costs are as follows:

Contract Construction	\$ 1,000,000
Design and Administration	100,000
Construction Survey, Inspection, and Testing	<u>100,000</u>
Total	\$ 1,200,000

The FY09 Capital Improvement Program includes \$600,000 in the Airport Capital Improvement Fund for this project. Depending on actual bids received, Council will be requested to appropriate additional funds, as needed, at the time of award. Sufficient fund balance is available in the Airport Capital Improvement Fund for this purpose, and this increase was considered in the Draft Airport CIP reviewed recently with the Council's Airport Committee.

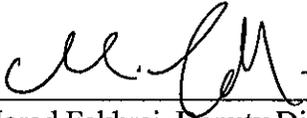
PUBLIC CONTACT

Airport staff will send out preliminary notices to all leasehold tenants who may be affected by this work. After the construction work has been scheduled, a detailed notice indicating the date, time of work and construction area will be distributed to all affected tenants.

SCHEDULE

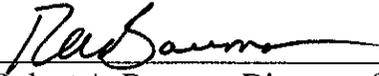
Open Bids	May 19, 2009
Award Contract	June 9, 2009
Begin Work	July 6, 2009
Complete Work	September 16, 2009

Prepared by:



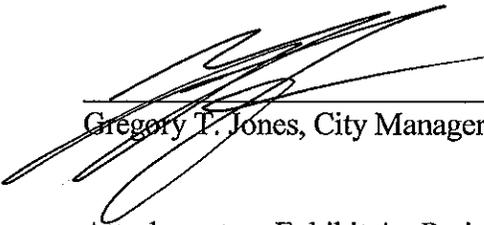
Morad Fakhrai, Deputy Director of Public Works

Recommended by:



Robert A. Bauman, Director of Public Works

Approved by:



Gregory T. Jones, City Manager

Attachments: Exhibit A: Project Location Map
Draft 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