



City Council Report

Date: December 14, 2009
To: City Council
Through: Jack Friedline, Deputy City Manager
From: Elizabeth Huning, City Engineer
Subject: Falcon Field Airport
Pavement Preservation and Marking Improvements
City Project 08-912-002
Council District 5

Strategic Initiatives



Purpose and Recommendation

The purpose of this report is to provide information to the Council on bids received for Project No. 08-912-002, Falcon Field Airport, Pavement Preservation and Marking Improvements (Refer to Exhibit "A" for the project location). It is recommended that Council award this project to the low bidder, CPC Construction, Inc., for a total award amount of \$169,166.80.

Background

Public-use General Aviation airports such as Falcon Field must have an effective pavement management system in place to remain eligible for Federal Aviation Administration (FAA) grant funding. The goal of this program is to maintain existing pavements in good condition to avoid costly full reconstructions until the pavement has truly reached the end of its useful service life. Specific projects may include crack sealing, surface sealing, mill and overlay, or full pavement reconstruction, depending on the age and condition of the pavement.

Discussion

This project is part of Falcon Field Airport's pavement management program and will provide crack sealing, seal coating, and new pavement markings on Taxiway D, the Anzio Ramp, and the Main Terminal Parking Apron. The total area of existing asphalt pavements to be treated is approximately 97,250 square yards.

Community Impact – This project will result in operationally and aesthetically improved taxiway, ramp, and apron pavements, which improve visibility, safety, and increase the useful service life of the asphalt pavements. Impacts are anticipated to include construction noise and dust for airport users only. All work is on the airport, with no traffic restrictions anticipated on public streets. Once work is started, the project is anticipated to be complete in forty five (45) calendar days.

Alternatives

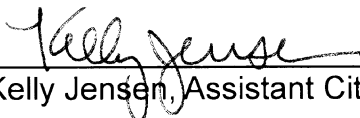
Alternatives would be to not construct these improvements or to defer them to a later date. Since pavement preservation and maintenance improvements are time-sensitive, either alternative could result in further cracking and deterioration of the taxiway, ramp, and apron pavements and the possible development of potholes, and is not recommended. Deferred maintenance typically results in higher future repair costs, and sufficient funding may not be available if this project is deferred.

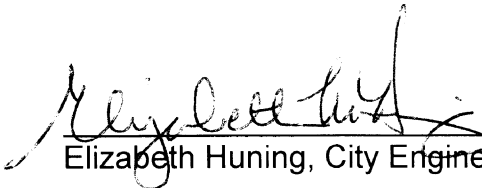
Fiscal Impact

The recommended total award amount for this project is \$169,166.80, based on the low bid of \$153,788.00 plus an additional \$15,378.80 (10% contingency allowance for change orders). Funding is available in the adopted FY 2009/10 Falcon Field Airport Operations budget.

Coordinated With

Falcon Field Airport concurs with this recommendation.


Kelly Jensen, Assistant City Engineer


Elizabeth Huning, City Engineer

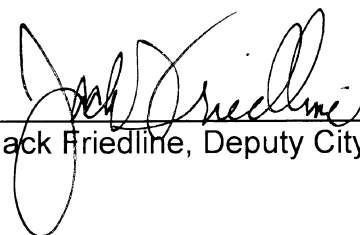
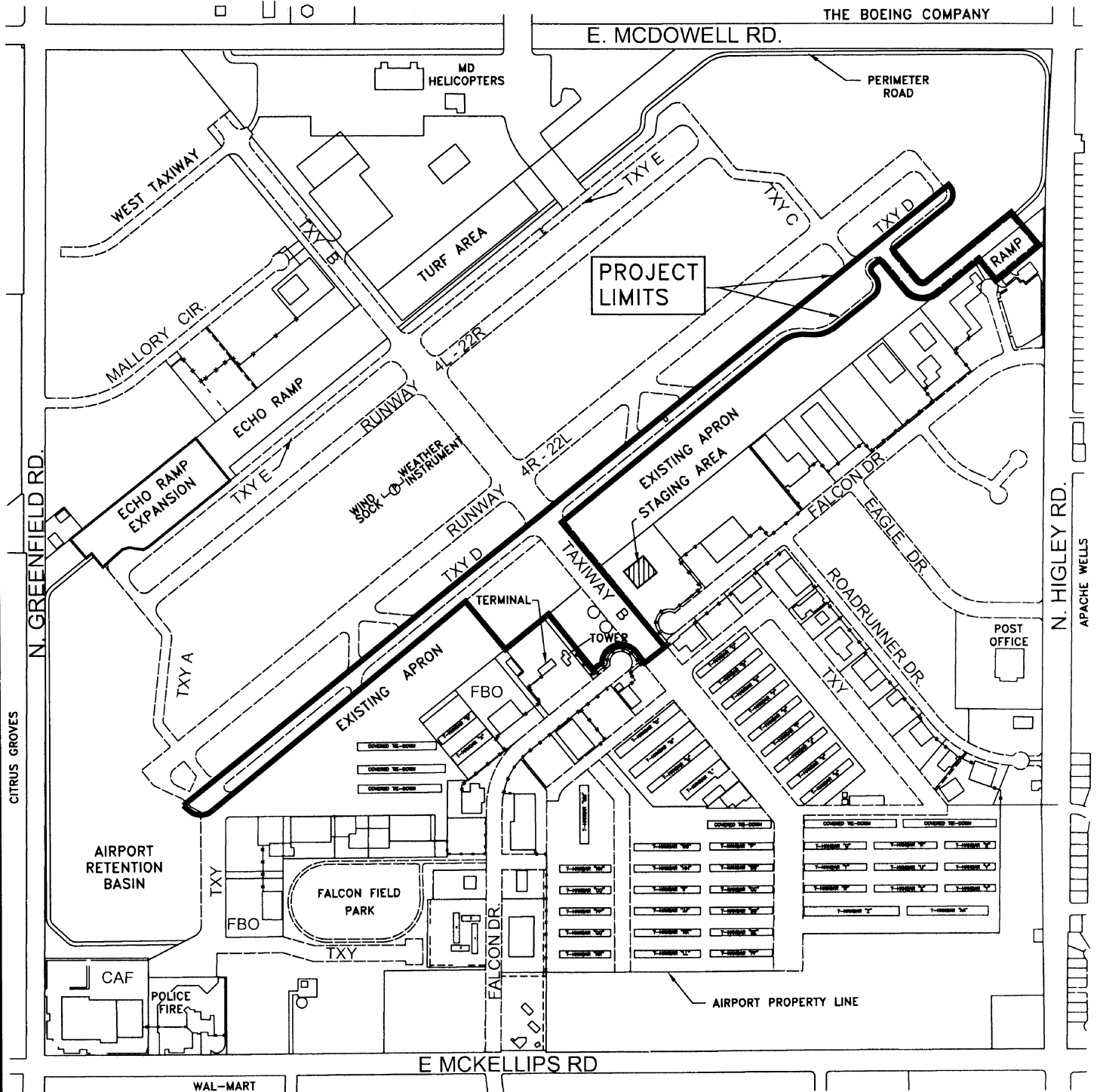

Jack Friedline, Deputy City Manager



EXHIBIT "A" PROJECT LOCATION MAP



PROJECT LIMITS: TAXIWAY D, ANZIO RAMP, AND MAIN TERMINAL APRON

LOCATION: S3 T1N R6E

FALCON FIELD AIRPORT PAVEMENT PRESERVATION AND MARKING IMPROVEMENTS

PROJECT NO. 08-912-002



DATE: 11/16/08; 08-912-002 FALCON FIELD - PAVEMENT PRESERVATION, CAD, PAVEMENT PRESERVATION & MARKING IMPROVEMENTS.DWG

CITY OF MESA
MESA, ARIZONA

Falcon Field Airport Pavement Preservation and Marking Improvements

PROJECT NO. 08-912-002

Tabulation of Bids Received, Thursday, November 12, 2009 at 2:00 p.m.

ENGINEER'S ESTIMATE	\$174,285.00
1. CPC Construction Inc.	\$153,788.00*
2. Cactus Asphalt	\$178,666.00*
3. JMH Company Ltd.	\$158,295.00*
4. S and S Paving and Construction Inc.	\$248,094.80*
5. American Asphalt Paving and Seal coating Inc. – Bid Rejected – Wrong License	
6. Cholla Pavement Maintenance Inc. – Bid Rejected – Wrong License	
7. Regional Pavement Maintenance of Arizona Inc. – Bid Not Read – Made changes to bid schedule	

*Numerical order of bidders determined by Base Bid Price