



City Council Report

Date: August 18, 2014

To: City Council

Through: Natalie N. Lewis, Assistant to the City Manager

From: Corinne Nystrom, Airport Director

Subject: Falcon Field Airport– Construct Blast Pads Runway 4L/22R (Design)
City of Mesa Project No. C07044
City Council District No. 5

Strategic Initiatives



Purpose and Recommendation

Recommend City Council adopt the attached Resolution, which authorizes the City Manager, or his designated representative, to execute Airport Development Reimbursable Grant Agreement No. E5S1M between the Arizona Department of Transportation, Multimodal Planning Division Aeronautics Group (ADOT) and the City of Mesa (City) to design blast pads for Runway 4L/22R at Falcon Field Airport.

Background

Per the approved Falcon Field Airport Master Plan, the Airport is recommending the design of blast pads for Runway 4L/22R in an effort to reduce dust particulate and the eroding of native soil from runway ends due to propeller wash and jet blast. The Airport will include the construction of the blast pads in the proposed FY2015-16 budget. Blast pads for Runway 4R/22L have already been constructed.

Discussion

Safety and a high quality facility are high priorities at Falcon Field Airport. Designing and constructing blast pads will prevent native soil erosion from the ends of the runway. In addition, they will provide a smooth transition from the runway ends to the safety areas that extend beyond in the event an aircraft has loss of control and transitions off the end of the runway. Furthermore, less maintenance will be required at the ends of the runway with the asphalt blast pads.

Community Impact

There is no anticipated community impact from this project.

Alternatives

The first alternative is to decline the State's grant offer. In this case, the City would be required to pay the State's share of the project or not move forward with the project. The second, and recommended alternative, is to accept and approve the Grant Agreement.

Fiscal Impact

The total estimated cost of the design of this project is \$75,000. This ADOT grant will fund 90% (\$67,500) of the design costs. The City will use Falcon Field Enterprise funds to pay for the remaining 10% (\$7,500). Funding for this project has been approved and is included in the City's FY2014-15 budget.

Coordinated With

The City Engineering Department concurs with the recommendation to approve the Resolution.