



**Council  
Communication**  
Office of the City Manager

**Date**

April 10, 2006

**Agenda Item No.** 42A

**Roll Call No.** 06-

**Communication No.** 06-198

**Submitted by:** Craig Smith, Aviation Director  
and Jeb E. Brewer, P.E., City Engineer

**AGENDA HEADING:**

Approving and Authorizing the Execution of Federal Aviation Administration AIP Grant Agreement, Project Number 3-19-0027-43-2006 Airport Noise Contour Update.

**SYNOPSIS:**

Recommend to approve the Federal Aviation Administration (FAA) Grant and authorize the Mayor to execute a FAA Airport Improvement Program (AIP) Grant in a 95% Federal share amount of \$147,500. This action also includes City acceptance and ratification of all associated Grant assurances, warranties, covenants and agreements contained in the project application for the funding of the Airport Part 150 Noise Contour Update.

**FISCAL IMPACT:**

Amount: \$155,264

Funding Source: 2006-2007 CIP, Page AIR-19, Master Plan Update/FAR Part 150 Update, AIR157.

- 95% FAA Funds through this AIP Grant
- 5% Passenger Facility Charge (PFC) funds included in a pending PFC application.

**ADDITIONAL INFORMATION:**

The existing Des Moines International Airport Noise Compatibility Plan (NCP) was approved in 1992. The NCP has not been updated because the Runway 5 Extension measure and the resulting preferential Runway usage operating agreement was not completed and implemented until recently. The NCP is required by FAA regulations to be updated every five to eight years.

The existing Des Moines International Airport Comprehensive Master Plan was approved in 1995 and provides the plans for Airport development through 2012. Although minor updates were completed in 1998 and 2004, the majority of the integrated Comprehensive 1995 planning is complete and needs updating.

In continuing to meet Airport development needs, the Aviation Department is updating the Airport Master Plan to include the following three major elements: (1) Update Noise Contour using normal short range and long range growth forecast, fleet mix and preferred noise flight track evaluation; (2) Determine the resulting 5, 10, and 20-year airfield facility and funding needs, including a review of all Terminal,

Parking, and Concession, Fixed Based Operator (FBO) service facilities, Cargo, Security, and other Tenant operations to support the forecasted growth; and (3) Complete a Benefit Cost Analysis required for FAA funding considerations by the replacement of Runway 13R - 31L.

Congressional release of the programmed preliminary budget expenses for this planning Agreement occurred on February 10, 2006, and applications were sent by City staff on March 3, 2006 FAA to finalize the AIP Grant Agreements. FAA offered this project (3-19-0027-43-2006 – Airport Noise Contour Update) to the City on March 16, 2006.

**PREVIOUS COUNCIL ACTION(S):**

Date: May 4, 1992

Roll Call Number: 92-1617

Action: Approved recommended content of the Airport Noise Compatibility Plan to FAA for review.

**BOARD/COMMISSION ACTION(S):**

Date: March 7, 2006

Resolution Number: A06-39

Action: Airport Board approval of Professional Services Agreement with Coffman Associates, Inc. to Update Noise Contours to reflect current operational activity, subject to AIP grant execution.

Date: March 7, 2006

Resolution Number: A06-41

Action: Airport Board recommends that City Council Accept FAA 95% Federal Share Airport Improvement Program Grant No. 3-19-0027-43 for the Part 150 Noise Compatibility Plan Update of Contours

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Coordinated review of updated Noise Contours with regional planning efforts and affected City regulations.