

TO: James L. App, City Manager
FROM: Meg Williamson, Assistant City Manager
SUBJECT: Airport 2011 Capital Improvement Program List
DATE: January 4, 2011

NEEDS: For the City Council to adopt Resolution No. 11-XX, approving the project list to be included in the 2010 Airport Capital Improvement Program.

- FACTS:
1. The Airport Capital Improvement Program works to identify aviation facilities needs and planned infrastructure improvements on the airport and prioritizes them in the State and Federal grant funding programs each year.
 2. The Airport Master Plan, adopted November 16, 2004, and the Airport Layout Plan, approved November 8, 2005, each identify planned facilities such as access road and taxiway extensions and the ongoing maintenance programs for existing pavement surfaces.
 3. Repair and refurbishment needs of existing infrastructure, such as electrical and lighting systems, are also identified through annual evaluation and observation during standard maintenance and operation practices.
 4. Many of the projects identified in the airport's master planning documents will require both federal and state environmental study before their approval for construction. Comprehensive environmental evaluation of projects is an eligible project under federal grant funding.
 5. At their meeting of December 2, 2010, the Airport Advisory Committee reviewed the proposed list and recommended its approval, as presented.

ANALYSIS
AND

CONCLUSION: Airport operations and facility development continue to rely on a coordinated effort of planning and prioritization to achieve the objectives of the City in developing the airport, and the grant funding and facilities planning requirements of the FAA and the State Aeronautics Programs. The City has been most fortunate in acquiring the necessary grant funding to maintain these programs, which includes the preservation of existing airport infrastructure and the development of new facilities on the Airport. The annual update of the adopted Capital Improvement Program maximizes federal and state funding opportunities.

POLICY

REFERENCE: Airport Master Plan; Airport Layout Plan; Airport Pavement Maintenance Program; FAA and State Aeronautics Grant Funding Program requirements.

FISCAL

IMPACT: Federal grant funding for each of the specified projects is substantial. Actual amounts are determined at the time of individual project design and grant application. Those amounts are then approved and appropriated by separate City Council action at the time each grant is approved and offered to the City. No fiscal impact will result from establishing the priority list of projects at this time.

- OPTIONS:
- a. For the City Council to approve Resolution No. 11-XX establishing the list of priority Capital Improvement Projects for the Municipal Airport; or
 - b. Amend, modify or reject the above option.

Attachments:

- 1) Resolution No. 11-xxx with Exhibit A - Airport Capital Program Project List
- 2) Summary description of Airport Capital Program Project List

RESOLUTION NO. 11- XXX

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES
APPROVING A PROJECT LIST FOR
THE 2011 AIRPORT CAPITAL IMPROVEMENT PROGRAM**

WHEREAS, the City of Paso Robles continues to operate the Municipal Airport for the aid and benefit of the public and their air transportation needs; and

WHEREAS, the City maintains a comprehensive program of capital improvement and continuing maintenance of Airport infrastructure, and

WHEREAS, participation in and compliance with various Federal and State Aeronautics grant funding programs is essential to the success of long-term airport operations, and

WHEREAS, the attached list of capital projects is consistent with the master plan and overall goals of the Municipal Airport; and

WHEREAS, at their meeting of December 2, 2011, the Airport Advisory Committee reviewed the revised Capital Improvement Project list and recommended its approval as presented.

THEREFORE, BE IT RESOLVED AS FOLLOWS:

SECTION 1 The City Council of the City of El Paso de Robles does hereby approve the list of Capital Projects (Exhibit A) to be included in the 2011 Airport Capital Improvement Program.

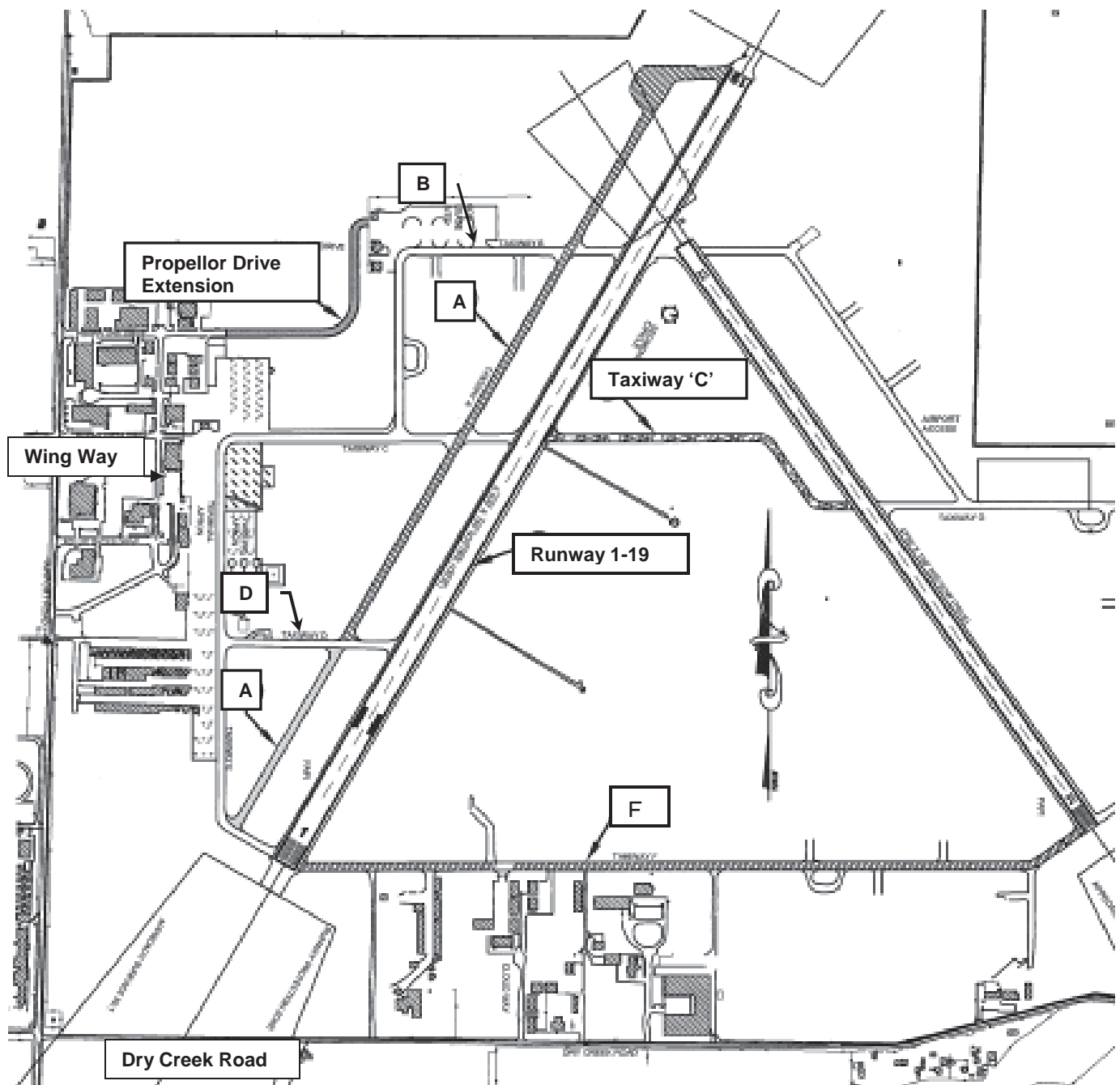
PASSED AND ADOPTED by the City Council of the City of El Paso de Robles this 4th day of January 2011, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Duane Picanco, Mayor

ATTEST:

Caryn Jackson, Deputy City Clerk



2011 Airport Capital Improvement Plan

- 2011 – Runway 1-19 Rehabilitation
 - Crack seal
 - Surface rejuvenation
 - Paint and Striping
- Design Taxiway 'C' Extension
- Prepare 'shovel-ready' add-ons:
 - Dry Creek Road Security Fence
 - Wing Way Storm Drain
 - Ramp (Flood) Lighting Rehab
 - Taxiway Lighting Rehab (LED and replacement wiring)
 - Replacement Standby generator
 - Apron Reconstruction

- 2012 – Construct Taxiway 'C' Extension

- 2012 – Comprehensive Environmental Review of proposed projects
- Update Airport Master Plan

- 2012 – Design Access Road (Propellor Drive extension)

- 2013 – Construct Access Road (Propellor Drive extension)

- 2013 – Design Rehabilitation Project for Taxiways 'A' & 'F'

- 2014 – Rehabilitate Taxiways 'A' & 'F'

- 2014 – Design Rehabilitation Project for Taxiways 'B – D'

- 2015 – Rehabilitate Taxiways 'B' – 'D'

- 2016 – Taxiway Lighting System Upgrades

Project Summary

2011 (Runway 1-19 Rehabilitation)

Environmental review requirements were met in 2009, and funding is anticipated by the FAA in 2011. This would be an effort to rejuvenate the main runway after, now, 8 years of service since its last maintenance. The project would consist of surface crack repair and a seal coat for the 6,000 feet of runway and then re-painting all runway markings and striping.

2011 (Add-on Projects)

- **Dry Creek Road Security Fence**

A section of perimeter fence along the southern Airport boundary is substandard and in need of major repair. This project would include removal of the remnants of the existing fence, surface grading to adjust the levels to accommodate the new fence while remediating some minor drainage issue in the area. Minor landscaping would be included.

- **Wing Way Storm Drain**

All of the stormwater runoff from the main terminal apron empties out on to surface streets in the industrial park to find its way to the storm drainage system, two blocks away. This project would include construction of adding two blocks of underground storm drain and connection to an existing section of sub-surface drain extending a short distance from the terminal area.

- **Ramp (Flood) Lighting Rehab**

Ramp flood lighting is 30 years old and exhibiting signs of deterioration. This project would replace existing fixtures with new, energy efficient equipment and associated wiring, resulting in improved area illumination and energy cost savings.

- **Taxiway Lighting Rehab (LED and replacement wiring)**

Portions of the taxiway edge and parking apron flood lighting systems have been in service for over 20 years. Recognizing the improvements in technologies and the potential for energy savings, this rehabilitation project would make every effort to improve efficiency and bring the latest in available technologies into service. Replacement of automated lighting control equipment is also included.

- **Replacement Standby Generator**

Current emergency generator equipment for airfield lighting is substandard and warrants replacement with updated, automated equipment. Project would include the generator, its associated automatic switching equipment, connection to the existing lighting system and an appropriate shelter.

- **Apron Reconstruction**

Public apron area serving the south FBO facility and immediate area has exceeded useful life and is now in need of reconstruction.

FIVE YEAR PROGRAM

2012 (Comprehensive Environmental Review)

Each of the projects under consideration for grant funding require environmental review and coordination. By combining all of the anticipated projects over the planning period into one review effort, many of the requirements can be met at one time, thereby eliminating a duplication of work. This review will further assist in the longer-term planning of additional projects that will more greatly enhance the airport facility and guide future planning efforts.

2012 (Update Airport Master Plan)

The Airport Master Plan is intended to be a dynamic document – flexible in its provisions to plan for and accommodate facilities needs over the long-term. By FAA standards, five years is an acceptable time frame to review the plan for consistency and accuracy in the airport development. No deficiencies are currently observed, however a review is appropriate and the upgrade of many of the graphics contained in the current plan would add to the current Business Plan and similar promotions efforts that are anticipated.

2012 (Construct Taxiway 'C' Extension)

The master plan identifies a midfield intersection of the taxiway system for the alternate runway, thereby increasing runway capacity and safety. This project remains on the list as a facility enhancement, when resources are available. It is anticipated that this might be a multi-year effort – with the FAA funding design and engineering work in one year with actual construction following in the next.

2012 (Design Access Road [Propellor Drive extension])

The extension of street access to the northeast portion of the airport is recognized as a safety enhancement issue, as all vehicle traffic currently must access the CDF Air Attack Base and other areas via the airport taxiway. The mix of vehicles and aircraft is not appropriate and the remedy is therefore justified under FAA guidelines. Initial environmental work has been completed. Additional work is required. Upon completion of this work and approval of the environmental agencies, the access road would be constructed.

2013 (Construct Access Road [Propellor Drive extension])

With the completion of environmental, engineering and design work for this project, construction of the roadway and associated improvements could begin.

2013 (Design Rehabilitate Taxiways 'A' & 'F')

Time in service for these taxiways is approaching the 20-year life expectancy. The Airport Pavement Maintenance Program and FAA guidelines would recommend surface treatment. Although currently in excellent condition, future planning remains essential. In anticipation of reaching the expected useful life of the taxiway surfaces, engineering work is necessary to determine the extent of rehabilitation and/or rejuvenation efforts for these existing areas.

2014 (Rehabilitate Taxiways 'A' & 'F')

With all design and engineering work completed, actual construction on the proposed rehabilitation efforts could now proceed.

FIVE YEAR PROGRAM (Page 2)

2014 (Design Rehabilitate Taxiways 'B' & 'D')

Time in service for these taxiways is approaching the 20-year life expectancy. The Airport Pavement Maintenance Program and FAA guidelines would recommend surface treatment. Although currently in excellent condition, future planning remains essential. In anticipation of reaching the expected useful life of the taxiway surfaces, engineering work is necessary to determine the extent of rehabilitation and/or rejuvenation efforts for these existing areas. The planned rehabilitation of these taxiways is inserted later in the program because they have been resurfaced more recently than the surfaces listed above.

2015 (Rehabilitate Taxiways 'B' – 'D')

With all design and engineering work completed, actual construction on the proposed rehabilitation efforts could now proceed.

2016 (Taxiway Lighting System Upgrades)

Complete any remaining areas of lighting system replacement that have not been heretofore completed.