

2012  
2013  
2014  
2015  
2016

2012-2016

Five-Year Transportation  
Facilities Construction  
Program



Airport Capital Improvement Program



# Table of Contents

<b>Airport Program Overview .....</b>	<b>3</b>
<b>Airport Program</b>	
Arizona Airports Map.....	5
Abbreviations .....	7
Summary of Airport Program Dollars .....	9
Airport Projects by Airport .....	11

## Various Helpful Web Links

Five-Year Transportation and Facilities Construction Program, <http://www.azdot.gov/MPD/priority Programming/Index.asp>  
Priority Planning Advisory Committee (PPAC), <http://www.azdot.gov/MPD/priority Programming/PPAC/Index.asp>  
Aeronautics Home Page, <http://www.azdot.gov/aviation/index.asp>  
Airport Development Programs, [http://www.azdot.gov/aviation/airports/dev\\_plan.asp](http://www.azdot.gov/aviation/airports/dev_plan.asp)



# ***Airport Program Overview***

In conjunction with Arizona's public airports and the Federal Aviation Administration (FAA), ADOT develops the Tentative Five-Year Airport Capital Improvement Program (ACIP) to parallel the FAA's Airport Capital Improvement Program. The ACIP has the dual objective of maximizing the use of State dollars for airport development and maximizing FAA funding for Arizona airports. Federal monies are derived mainly from taxes on airline tickets and are distributed by the Federal Aviation Administration directly to local airports through the national Airport Improvement Program.

State funds come primarily from flight property tax, aircraft lieu tax and aviation fuel tax. The ACIP development process allocates money from the State Aviation Fund and distributes these funds across three major categories of airport development assistance. The State Transportation Board approves this distribution annually. The three categories and their associated sub-categories are:

## **1) Airport Development Grants Program**

- a) Projects Utilizing Federal, State and Local Funds
  - (1) Design & Construction - Safety, Security & Capacity Enhancement
  - (2) Maintenance
  - (3) Environmental, Planning and Land Acquisition
- b) Projects Utilizing State and Local Funds Only
  - (1) Design & Construction - Safety, Security & Capacity Enhancement
  - (2) Environmental, Planning and Land Acquisition

## **2) Airport Pavement Management System (APMS)**

- a) Projects Maintaining and Protecting Aviation Pavement Surfaces

## **3) Airport Loan Program**

- a) Economic Development/Revenue Generating Loans
- b) Grant Match Loans

Sixty-five public airports submitted 840 projects for consideration worth \$ 1.26 B over the five-year program period. These projects represent all Federal and State funding desires on the part of the airport sponsors. The ACIP programs \$977.7 M over the five-year program period. This is an approximately 30% increase from the previous year's program. This increase is due to economic changes resulting in additional local matching fund availability over the last year. State funding, proposed at

## ***Airport Program Overview (continued)***

\$104.7 M, is 100% more than last year's total of \$52.3 M. This increase is due to increased revenue and assumed increase in availability of both State and Federal funds. This five-year investment of State funds will support about \$860 M in Federal aid and require about \$21.5 M from airport sponsors.

The State lists all of the requested federal projects over the five-year program because the FAA makes its funding decisions later in the year. This enables ADOT to have potential state matches for federal projects already included in the five-year program when the airport receives a federal grant. The State prioritizes State/Local project requests in accordance with the *Transportation Board Policies for Airport Improvements* Adopted October 18, 2002. The projects with the highest priorities within program funding limits of each airport category are included in the five-year program.

The State's development over the five-year program is designed to provide half of a sponsor's share of a federally funded project. Expected sponsor obligations on federal projects beginning with FY 2012 will be 5.0% of a projects total cost, making the state share 2.5%. As airport sponsors receive a federal grant, they will apply to the state for the matching funds.

The maximum grant funds any one airport can receive can not exceed 10% of the average revenue into the State Aviation Fund for the period of three previous years. The maximum State/Local grant funds for the fiscal year 2012 Program is \$2.15 M per airport.

The ACIP also provides \$53 M for State funded grants and loans. The following program lists show those projects for State-Local funding that have met the State Transportation Board's qualifying priority rating. Up to \$0.5 M in Airport Loans will be issued in FY 2012. In addition to State grants and loans, ADOT supplements airfield maintenance statewide. In 2012, \$4.6 M will be invested in Airport Pavement Management System (APMS) at public airports.





# Abbreviations

A/C	Advisory Circular (FAA)	MALSR	Medium-Intensity Approach Lighting System with Runway Alignment Indicator Lights
AC	Aircraft	MAP	Military Airport Program
ACP	Asphalt Cement Pavement	MIRL	Medium Intensity Runway Lights
ADG	Aircraft Design Group	MITL	Medium Intensity Taxiway Lights
ALP	Airport Layout Plan	MUNI	Municipal
approx.	Approximately	NAVAID	Navigational Aid
Apron	Aircraft Parking Area	NDB	Non-Directional Beacon
APMS	Airport Pavement Management System	NOTAM	Notice to Airmen
ARFF	Aircraft Rescue and Fire Fighting	OFAT	Object Free Area
ASLD	Arizona State Land Department	ops.	Operations
ASOS	Automatic Surface Observation System	OTS	Out of Service
ASR	Airport Surveillance Radar	PAPI	Precision Approach Path Indicator
ATCT	Air Traffic Control Tower	Pave Pres	Pavement Preservation
AWOS	Automatic Weather Observation System	PCCP	Portland Cement Concrete Pavement
BLM	Bureau of Land Management	PCI	Pavement Condition Index
BRL	Building Restriction Line	Ph. 1	Phase 1 of a Multi-year Project
constr.	Construct or Construction	Ph. 2	Phase 2 of a Multi-year Project
DCC	Defense Contractor Cargo	rehab.	Rehabilitate or Rehabilitation
DWL	Dual Wheel Load	recon.	Reconstruct or Reconstruction
EA	Environmental Assessment	REIL	Runway End Identifier Lights
EMAS	Engineering Materials Arresting System	RGL	Runway Guard Light
extg.	Existing	RIAT	Runway Inspection Action Team
FAA	Federal Aviation Administration	ROFA	Runway Obstacle Free Area
FBO	Fixed Base Operator	RSA	Runway Safety Area
FOD	Foreign Object Debris	RSAT	Runway Safety Action Team
FAR	Federal Aviation Regulations	RPZ	Runway Protection Zone
ft	Feet	RVZ	Runway Visibility Zone
GA	General Aviation	Rwy	Runway
GPS	Global Positioning System	SASP	State Airport System Plan
GVGI	Generic Visual Glideslope Indicator	sf	Square Feet
HIRL	High Intensity Runway Lights	SRE	Snow Removal Equipment
HS	High Speed	sy	Square Yards
ID	Identification	TLOF	Touchdown and Liffoff Area
ILS	Instrument Landing System	TSA	Taxiway Safety Area
INTL	International	Twy	Taxiway
If	Linear Feet	WAAS	Wide Area Augmentation System
LPV	Lateral Precision with Vertical Guidance		



## Summary of Airport Program Dollars

	State Share	Local Share	Federal Share	Project Totals
FY 2012 State/Local Total	\$17,891,497	\$2,211,346		\$20,102,843
FY 2012 Fed/State/Local	\$4,000,000	\$4,000,000	\$152,000,000	\$160,000,000
<b>FY 2012 Project Totals</b>	<b>\$21,891,497</b>	<b>\$6,211,346</b>	<b>\$152,000,000</b>	<b>\$180,102,843</b>
FY 2013 State/Local Total	\$23,446,975	\$4,083,386		\$27,530,361
FY 2013 Fed/State/Local	\$4,000,000	\$4,000,000	\$152,000,000	\$160,000,000
<b>FY 2013 Project Totals</b>	<b>\$27,446,975</b>	<b>\$8,083,386</b>	<b>\$152,000,000</b>	<b>\$187,530,361</b>
FY 2014 State/Local Total	\$21,449,877	\$4,077,147		\$25,527,024
FY 2014 Fed/State/Local	\$4,500,000	\$4,500,000	\$171,000,000	\$180,000,000
<b>FY 2014 Project Totals</b>	<b>\$25,949,877</b>	<b>\$8,577,147</b>	<b>\$171,000,000</b>	<b>\$205,527,024</b>
FY 2015 State/Local Total	\$23,216,066	\$3,084,709		\$26,300,775
FY 2015 Fed/State/Local	\$4,500,000	\$4,500,000	\$171,000,000	\$180,000,000
<b>FY 2015 Project Totals</b>	<b>\$27,716,066</b>	<b>\$7,584,709</b>	<b>\$171,000,000</b>	<b>\$206,300,775</b>
FY 2016 State/Local Total	\$16,494,321	\$1,707,702		\$18,202,023
FY 2016 Fed/State/Local	\$4,500,000	\$4,500,000	\$171,000,000	\$180,000,000
<b>FY 2016 Project Totals</b>	<b>\$20,994,321</b>	<b>\$6,207,702</b>	<b>\$171,000,000</b>	<b>\$198,202,023</b>
<b>Total 5-Year Funded Program</b>	<b>\$123,998,735</b>	<b>\$36,664,291</b>	<b>\$817,000,000</b>	<b>\$977,663,026</b>



## Airport Projects - By Airport

<b>Airport Name</b>						
<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>AVI SUQUILLA</b>						
2012	Runways:Rehabilitate Runway - Reconstruct	Pavement preservation Rwy 1/19 and Twys A1, A2, and A3 (100,000 sy) and Twys A and B (77,000 sy) including marking.	\$0	\$33,250	\$631,750	\$665,000
2013	Taxiways:<Extend/Widen/Strengthen> Taxiway - Standards	Completion of Rwy 1/19 parallel Twy approx. 4,800 ft x 50 ft including MITL and guidance signs. Exit Twy A2 to be reconfigured.	\$0	\$102,500	\$1,947,500	\$2,050,000
2014	Apron:Construct Apron - Capacity	New construction of about 28,000 sy of asphalt concrete GA apron including storm drainage improvements.	\$0	\$90,000	\$1,710,000	\$1,800,000
2015	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Service Road - Other	Pave perimeter road with aggregate base and asphalt concrete pavement 16 ft wide, approx. 42,000 sy; extend culverts.	\$0	\$75,000	\$1,425,000	\$1,500,000
2016	Taxiways:Construct Taxiway - Capacity	Extend three taxilanes approx. 400 ft x 75 ft each for T-hangar or corporate hangar development.	\$0	\$30,000	\$570,000	\$600,000
<b>Airport Total:</b>			<b>\$0</b>	<b>\$330,750</b>	<b>\$6,284,250</b>	<b>\$6,615,000</b>
<b>BAGDAD</b>						
2012	Runways:<Construct/Extend/Improve> Runway Safety Area [Non-Primary Airports] - Standards	Rwy safety areas will be lengthened and widened to meet FAA design standards.	\$11,875	\$11,875	\$451,250	\$475,000
2014	Terminal Development:Construct Terminal Building - Capacity	Design and construct restrooms and septic system which will eventually be incorporated with a terminal building.	\$3,750	\$3,750	\$142,500	\$150,000
<b>Airport Total:</b>			<b>\$15,625</b>	<b>\$15,625</b>	<b>\$593,750</b>	<b>\$625,000</b>
<b>BENSON MUNICIPAL</b>						
2012	Land:Acquire <land/easement> for development/relocation	Acquire approx. 83 acres to provide for extension Rwy/Twy.	\$20,000	\$20,000	\$760,000	\$800,000
2012	Equipment:<Acquire/Install/Rehabilitate> Emergency Generator - Standards	Install emergency generator for electric vault.	\$8,750	\$8,750	\$332,500	\$350,000
2013	Runways: Runway Construct	Design Rwy 10 extension (approx. 1,400 lf).	\$157,500	\$17,500	\$0	\$175,000
2013	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Service Road - Other	Design: airport perimeter (service) road (approx. 24,000 lf).	\$6,250	\$6,250	\$237,500	\$250,000
2014	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW1028BN Section 10).	\$348,004	\$38,667	\$0	\$386,671
2014	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Other	Reconstruct/rehabilitate access road (approx. 15,000 lf).	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2015	Runways:<Extend/Widen/Strengthen> Runway [to meet standards] - Standards	Construct Rwy/Twy extension (Rwy 10 approx. 1,400 lf).	\$41,250	\$41,250	\$1,567,500	\$1,650,000

## Airport Projects - By Airport

### Airport Name

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>BENSON MUNICIPAL (continued)</b>						
2015	Ground Transportation: <Construct/Expand/Improve/Modify/Rehabilitate> Service Road - Other	Construct airport perimeter (service) road (approx. 24,000 lf).	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2016	Apron: Apron Construct	Design apron expansion Ph. 1 (approx. 23,000 sy) east of existing apron.	\$135,000	\$15,000	\$0	\$150,000
2016	Heliport: Heliport Construct	Design helipad (50 ft x 50 ft) relocation to east of apron development.	\$67,500	\$7,500	\$0	\$75,000
2016	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Update Master Plan.	\$3,375	\$3,375	\$128,250	\$135,000
<b>Airport Total:</b>			<b>\$862,629</b>	<b>\$233,292</b>	<b>\$5,875,750</b>	<b>\$6,971,671</b>
<b>BISBEE DOUGLAS INTL</b>						
2012	Taxiways:Rehabilitate Taxiway - Reconstruct	Rehabilitate approx. 3,400 ft x 35 ft of Twy A1 & approx. 1,500 ft x 35 ft of Twy A2.	\$17,500	\$17,500	\$665,000	\$700,000
2013	Taxiways:Rehabilitate Taxiway Lighting - Reconstruct	Reconstruct lighting on Twys A1 & A2.	\$10,000	\$10,000	\$380,000	\$400,000
2014	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW826BD Section 10).	\$90,530	\$10,059	\$0	\$100,589
2014	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW1735DB Section 10).	\$190,443	\$21,160	\$0	\$211,603
2014	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWA4BD Section 10).	\$34,208	\$3,801	\$0	\$38,009
2014	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWA3BD Section 10).	\$23,711	\$2,635	\$0	\$26,345
2014	Apron:Rehabilitate Apron - Reconstruction	Reconstruct approx. 16,700 sy of apron located on north and south sides of main hangar.	\$15,000	\$15,000	\$570,000	\$600,000
2015	Apron:Rehabilitate Apron - Reconstruction	Reconstruct approx. 270,000 sy of NE section of Twy that provides access to hangars, terminal, fuel site, & connecting Twys to Rwys.	\$20,000	\$20,000	\$760,000	\$800,000
2016	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Update 1997 Master Plan for practical & realistic phased improvements.	\$6,250	\$6,250	\$237,500	\$250,000
<b>Airport Total:</b>			<b>\$407,642</b>	<b>\$106,405</b>	<b>\$2,612,500</b>	<b>\$3,126,546</b>
<b>BISBEE MUNI</b>						
2012	Apron: Apron Reconstruct	Reconstruct apron (17,300 sy) at center of airport - design only.	\$90,000	\$10,000	\$0	\$100,000
2012	Taxiways:Construct Taxiway [includes relocation]	Relocate Twy A (6,190 ft x 25 ft), including lighting & signage to 225 ft from Rwy centerline & construct 3 taxilanes (300 ft x 25 ft) - design only.	\$6,250	\$6,250	\$237,500	\$250,000
2013	Taxiways:Construct Taxiway [includes relocation]	Relocate Twy A (6,190 ft x 25 ft) to 225 ft from Rwy centerline to meet B-I Standards.	\$50,000	\$50,000	\$1,900,000	\$2,000,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>BISBEE MUNI (continued)</b>						
2014	Apron:Rehabilitate Apron - Reconstruction	Reconstruct apron 353 ft x 270 ft.	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2015	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for crosswind Rwy 3,200 ft x 60 ft & related land acquisition.	\$6,000	\$6,000	\$228,000	\$240,000
2016	Land:Acquire <land/easement> for development/relocation	Acquire land needed to construct a crosswind Rwy (23.5 acres).	\$2,500	\$2,500	\$95,000	\$100,000
2016	Runways:Construct Runway - Capacity	Construction of crosswind Rwy 3,200 ft x 60 ft.	\$6,250	\$6,250	\$237,500	\$250,000
<b>Airport Total:</b>			<b>\$198,500</b>	<b>\$118,500</b>	<b>\$4,123,000</b>	<b>\$4,440,000</b>
<b>BUCKEYE MUNI</b>						
2012	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Environmental Assessment for fire protection system and domestic water system.	\$6,250	\$6,250	\$237,500	\$250,000
2013	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Design fire suppression system and domestic water system.	\$8,750	\$8,750	\$332,500	\$350,000
2013	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Construct fire suppression system and domestic water system.	\$115,000	\$115,000	\$4,370,000	\$4,600,000
2014	Land:Acquire land/easement for approaches	Land acquisition - Ph. 1 (37 acres).	\$25,000	\$25,000	\$950,000	\$1,000,000
2015	APMS - Runway Pavement Preservation	Mill & Replace PFC (RW1735BK Section 10).	\$808,570	\$89,841	\$0	\$898,411
2015	Land:Acquire land/easement for approaches	Land acquisition - Ph. 2 (37 acres).	\$25,000	\$25,000	\$950,000	\$1,000,000
2016	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for Rwy extension (1,800 ft x 75 ft off Rwy 17 end).	\$6,000	\$6,000	\$228,000	\$240,000
<b>Airport Total:</b>			<b>\$994,570</b>	<b>\$275,841</b>	<b>\$7,068,000</b>	<b>\$8,338,411</b>
<b>CASA GRANDE MUNI</b>						
2012	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW523CG Section 10).	\$529,880	\$58,876	\$0	\$588,756
2012	Runways:Rehabilitate Runway <Lighting/Electrical Vault>	Rehab/install new Rwy/Twy guidance lights; electrical distribution system and electric vault for 5,200 ft x 100 ft Rwy/Twy & connecting Twys between Rwy & Parallel Twy.	\$26,325	\$26,325	\$1,000,337	\$1,052,986
2012	Apron:Construct Apron - Capacity	Construct 50,000 sy south terminal apron including 625 ft x 35 ft taxilanes and associated 900 lf drainage ditch relocation & utilities.	\$77,500	\$77,500	\$2,945,000	\$3,100,000
2012	Apron:Expand/Strengthen Apron - Standards	Design/construct 11,500 sy apron at 72,000 DWL expansion of southwest apron.	\$21,175	\$21,175	\$804,650	\$847,000
2012	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Capacity	Expand terminal area parking lot (6,660 sy (150 ft x 400 ft), relocate 500 ft of security fencing and utilities (200 ft water/electric & one fire hydrant).	\$12,500	\$12,500	\$475,000	\$500,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>CASA GRANDE MUNI (continued)</b>						
2012	Other:Improve Airport <Drainage/Erosion Control/miscellaneous improvements> - Standards	Relocate (80 ft x 15,000 ft) drainage ditch running from NE to SW portion of airport.	\$45,000	\$45,000	\$1,710,000	\$1,800,000
2012	Runways:Rehabilitate Runway <Lighting/Electrical Vault>	Rehab/construct Rwy/Twy guidance signs; distance remain signs; lighted wind cone/base & new pavement markings. Remove existing guide signs/pads & pavement markings. Install emergency generator with ATS.	\$4,436	\$4,436	\$168,554	\$177,425
2012	Land:Acquire <land/easement> for development/relocation	Purchase approx.194 acres required for planned Rwy extension/displacement, parallel Twy construction, drainage ditch, and ILS relocation.	\$87,500	\$87,500	\$3,325,000	\$3,500,000
2013	Heliport:<Construct/Expand/Improve/Modify/Rehabilitate> Helipad/Heliport - Capacity	Design/construct helicopter apron & vehicle access/parking (10,000 sy) and utilities.	\$2,075	\$2,075	\$78,850	\$83,000
2013	Other:Improve Airport <Drainage/Erosion Control/miscellaneous improvements> - Standards	Design/construct aircraft wash rack (70 ft x 70 ft) within west apron area.	\$7,900	\$7,900	\$300,200	\$316,000
2013	Taxiways:Rehabilitate Taxiway - Reconstruct	Rehabilitate 22,500 sy (2,700 ft x 75 ft) Twy E (mill, remove, & replace).	\$6,750	\$6,750	\$256,500	\$270,000
2013	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Service Road - Other	Design/construct perimeter service road (19,100 ft x 12 ft) & security fence (approx. 14,000 ft).	\$35,222	\$35,222	\$1,338,431	\$1,408,875
2014	Runways:<Extend/Widen/Strengthen> Runway [to meet standards] - Standards	Design/construct 850 ft x 100 ft displacement/shift of Rwy 23 threshold & associated Rwy/Twy lighting/markings.	\$2,500	\$2,500	\$95,000	\$100,000
2014	Runways:<Extend/Widen/Strengthen> Runway [to meet standards] - Standards	Design/construct 3,850 ft x 100 ft at 74,000 lbs DWL Rwy 5/23 extension to southwest.	\$148,300	\$148,300	\$5,635,400	\$5,932,000
2014	Taxiways:<Extend/Widen/Strengthen> Taxiway - Standards	Design/construct/relocate (3,850 ft x 35 ft) Twy B & connecting Twys at 74,000 DWL.	\$100,225	\$100,225	\$3,808,550	\$4,009,000
2014	Taxiways:Construct Taxiway - Capacity	Design/construct 1,350 ft x 34 ft Twy F to serve north side apron.	\$21,025	\$21,025	\$798,950	\$841,000
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWACG Section 10).	\$409,562	\$45,507	\$0	\$455,069
2015	Apron: Apron Construct	Construct 16,000 sy apron at northeast corner of existing terminal apron for additional capacity with minimum weight bearing of 74,000 DWL.	\$360,000	\$40,000	\$0	\$400,000
2015	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Capacity	Design/construct 2,000 ft x 30 ft access road (north side) and 6,000 sy parking lot.	\$19,925	\$19,925	\$757,150	\$797,000
2015	Apron:Construct Apron - Capacity	Design/construct 16,500 sy north side apron.	\$38,900	\$38,900	\$1,478,200	\$1,556,000
2015	Runways:Rehabilitate Runway - Reconstruct	Design/construct rehabilitation of old portion of Rwy 5/23 (5,280 ft x 100 ft) and terminal apron (11,620 sy).	\$25,000	\$25,000	\$950,000	\$1,000,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>CASA GRANDE MUNI (continued)</b>						
2015	Runways:Install <full/partial> Instrument Approach Aid - Standards	Relocate existing Rwy 5 MALSR and ILS.	\$32,500	\$32,500	\$1,235,000	\$1,300,000
2015	Other:<Light/Mark/Remove> Obstructions - Standards	Design/construct relocated segmented circle and lighted windsock to north side of Rwy 5/23 center.	\$3,750	\$3,750	\$142,500	\$150,000
2016	Runways:Construct Runway - Capacity	Design/construct 3,880 ft x 75 ft non-instrument parallel Rwy for light aircraft 600 ft north of existing Rwy 5/23.	\$90,225	\$90,225	\$3,428,550	\$3,609,000
2016	Taxiways:Construct Taxiway - Capacity	Design/construct two high speed & one right-angle Twy for Rwy 5/23 totaling 1,600 ft x 50 ft at 74,000 DWL.	\$39,950	\$39,950	\$1,518,100	\$1,598,000
2016	Taxiways:Construct Taxiway - Capacity	Design/construct 4,700 ft x 35 ft lighted parallel Twy & connector Twys to serve shorter north side parallel Rwy 5/23.	\$65,000	\$65,000	\$2,470,000	\$2,600,000
<b>Airport Total:</b>			<b>\$2,213,125</b>	<b>\$1,058,066</b>	<b>\$34,719,922</b>	<b>\$37,991,111</b>
<b>CHANDLER MUNI</b>						
2012	Apron:Rehabilitate Apron - Reconstruction	Repair & replace 34,000 sy of parking apron pavement.	\$8,750	\$8,750	\$332,500	\$350,000
2012	Equipment:Acquire Security Equipment/Install Fencing [required by Part 107] - Safety/Security	Install cipher-locks at all pedestrian gates, RSAT Project.	\$750	\$750	\$28,500	\$30,000
2012	Equipment:Install Weather Reporting Equipment {describe, e.g., AWOS } - Standards	Design/construct AWOS replacement (designs new system, power & communication).	\$11,113	\$11,113	\$422,275	\$444,500
2012	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Update airport storm drainage master plan.	\$1,000	\$1,000	\$38,000	\$40,000
2012	Apron:Construct Apron - Capacity	Construct Ph. 1 of N apron Ph. 2 - 1,260 lf x 35 lf apron area access taxilane (5,050 sy).	\$28,000	\$28,000	\$1,064,000	\$1,120,000
2012	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for planned Twy B extension from existing Twy N to approach end of Rwy 04L including connectors.	\$6,125	\$6,125	\$232,750	\$245,000
2013	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW4R22LCH Section 10).	\$385,425	\$42,825	\$0	\$428,250
2013	Runways: Runway Reconstruct	Rwy/Twy erosion control through shoulder stabilization. Movement area pavement - system wide. 95,500 sy shoulder stabilization.	\$928,800	\$103,200	\$0	\$1,032,000
2013	Apron:Construct Apron - Capacity	Construct Ph. 2 of N Apron Ph. 2 - approx 540 ft x 275 ft apron area (16,450 sy).	\$71,200	\$71,200	\$2,705,600	\$2,848,000
2014	Apron: Apron Structural Upgrade	Design/construct upgrade to apron - 22,560 sy of 2 inch overlay.	\$875,250	\$97,250	\$0	\$972,500
2014	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Capacity	Design 3,150 lf of two lane roadway (this project designs any roads still needed).	\$4,875	\$4,875	\$185,250	\$195,000
2014	Taxiways:Construct Taxiway - Capacity	Construct pavement for 5,500 ft x 40 ft Twy, connectors, & runup areas (29,000 sy).	\$68,750	\$68,750	\$2,612,500	\$2,750,000
2014	Taxiways:Extend Taxiway - Capacity	Construct MITL & signs for 5,500 lf Twy & connectors.	\$52,750	\$52,750	\$2,004,500	\$2,110,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>CHANDLER MUNI (continued)</b>						
2015	Apron: Apron Construct	Design only 26,100 sy apron area (south side, Ph. 1).	\$299,250	\$33,250	\$0	\$332,500
2015	Planning:<Conduct/Update> (e.g., Pavement Maintenance Plan, PCI, NPDES, etc.)	Conduct a wildlife management study.	\$3,538	\$3,538	\$134,425	\$141,500
2015	Other:Install <Guidance/other> Signs [not Part 139] - Standards	Design only replacement/modification of approx. 75 airfield signs.	\$2,325	\$2,325	\$88,350	\$93,000
2015	Other:Install miscellaneous <NAVAIDS/Approach Aids> - Standards	Replace federal contract tower transceivers (will replace all four transceivers currently operating in ATCT).	\$6,950	\$6,950	\$264,100	\$278,000
2015	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Capacity	Construct 3,150 lf of two lane roadway (This project constructs any roads still needed).	\$58,600	\$58,600	\$2,226,800	\$2,344,000
2016	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (Section RW4L22RCH Section 10).	\$392,756	\$43,640	\$0	\$436,395
2016	Apron: Apron Construct	Design 35,400 sy apron area (south side - Ph. 2).	\$375,300	\$41,700	\$0	\$417,000
2016	Apron:Construct Apron - Capacity	Construct 26,100 sy apron area (south side Ph. 1).	\$68,750	\$68,750	\$2,612,500	\$2,750,000
2016	Other:Install <Guidance/other> Signs [not Part 139] - Standards	Construct replacement/modification of approx. 75 airfield signs.	\$17,500	\$17,500	\$665,000	\$700,000
<b>Airport Total:</b>			<b>\$3,667,757</b>	<b>\$772,841</b>	<b>\$15,617,050</b>	<b>\$20,057,645</b>
<b>CHINLE MUNI</b>						
2012	Runways:Rehabilitate Runway <Lighting/Electrical Vault>	Install new cable for edge lights and PAPIs.	\$0	\$7,500	\$142,500	\$150,000
2012	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Develop Airport Master Plan.	\$0	\$10,000	\$190,000	\$200,000
2012	Runways:Rehabilitate Runway - Reconstruct	Reconstruct Rwy 18/36.	\$0	\$100,000	\$1,900,000	\$2,000,000
2013	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruct bypass Twys on each end of Rwy - 35 ft. width.	\$0	\$20,000	\$380,000	\$400,000
2014	Apron:Rehabilitate Apron - Reconstruction	Reconstruct apron 500 ft x 200 ft.	\$0	\$75,000	\$1,425,000	\$1,500,000
2015	Buildings:<Construct/Expand/Imp/Modify/Rehabilitate> <Snow Removal Equipment/Chemical Storage Building/etc.> - Standards	Construct a snow removal equipment building 40 ft x 50 ft.	\$0	\$17,500	\$332,500	\$350,000
2016	Equipment:Acquire <Snow Removal Equipment/Urea Truck/etc.> - Standards	Acquire snow removal equipment.	\$0	\$15,000	\$285,000	\$300,000
<b>Airport Total:</b>			<b>\$0</b>	<b>\$245,000</b>	<b>\$4,655,000</b>	<b>\$4,900,000</b>
<b>CIBECUE</b>						
2012	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Install chain link fence around airport property - 17,600 lf.	\$0	\$20,000	\$380,000	\$400,000
2013	Runways:Construct Runway [includes relocation] - Standards	Construct Rwy (5,100 ft x 75 ft) including bypass Twy, apron, connector Twy, and airport access road Ph. 1: grading and drainage.	\$0	\$450,000	\$8,550,000	\$9,000,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>CIBECUE (continued)</b>						
2014	Runways:Construct Runway [includes relocation] - Standards	Construct Rwy (5,100 ft x 75 ft) including bypass Twy, apron, connector Twy, and airport access road Ph. 2: paving and fencing.	\$0	\$325,000	\$6,175,000	\$6,500,000
2015	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO or CL) - Standards	Install Rwy 1/19 lighting and visual aids including utilities.	\$0	\$125,000	\$2,375,000	\$2,500,000
2016	Apron:Expand Apron - Capacity	Expand apron (180 ft x 180 ft) to the northwest.	\$0	\$27,500	\$522,500	\$550,000
<b>Airport Total:</b>			<b>\$0</b>	<b>\$947,500</b>	<b>\$18,002,500</b>	<b>\$18,950,000</b>
<b>COCHISE COLLEGE</b>						
2012	Runways:Runway Reconstruct	Reconstruct Rwy 5/23 (5,300 ft x 75 ft).	\$1,710,000	\$190,000	\$0	\$1,900,000
2013	Runways:Runway Vertical/Visual Lighting	Install Rwy lights, visual aids & signage for reconstructed Rwy 5/23 (5,300 ft x 75 ft).	\$450,000	\$50,000	\$0	\$500,000
2014	Equipment:Weather Monitoring/Reporting Install	Install AWOS III P/T.	\$207,000	\$23,000	\$0	\$230,000
2014	Taxiways:MITL/HITL Install	Install MITL on Twy.	\$180,000	\$20,000	\$0	\$200,000
2015	Taxiways:Taxiway Construct	Design & Construct exit Twys for Rwy 5/23.	\$360,000	\$40,000	\$0	\$400,000
2016	Runways:Runway Reconstruct	Crack Seal, Fog Seal & remark Rwy 5/23 (5,300 ft x 75 ft).	\$135,000	\$15,000	\$0	\$150,000
<b>Airport Total:</b>			<b>\$3,042,000</b>	<b>\$338,000</b>	<b>\$0</b>	<b>\$3,380,000</b>
<b>COCHISE COUNTY</b>						
2012	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Update Master Plan for phased improvements to airport.	\$6,250	\$6,250	\$237,500	\$250,000
2013	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW321CO Section 10).	\$484,946	\$53,883	\$0	\$538,829
2013	Taxiways:Rehabilitate Taxiway Lighting - Reconstruct	Reconstruct Twy lighting on entire length of Twy A.	\$10,000	\$10,000	\$380,000	\$400,000
2014	Runways:Rehabilitate Runway - Reconstruct	Reconstruct approx. 28,000 sy of turf for NW section of Rwy 14/32 to provide crosswind Rwy.	\$12,500	\$12,500	\$475,000	\$500,000
2015	Runways:Rehabilitate Runway - Reconstruct	Reconstruct approx. 28,000 sf of turf for Rwy 14/32 to provide crosswind Rwy.	\$12,500	\$12,500	\$475,000	\$500,000
2016	Runways:Rehabilitate Runway - Reconstruct	Reconstruct approx. 50,792 sy of pavement on primary Rwy 3/21.	\$22,500	\$22,500	\$855,000	\$900,000
<b>Airport Total:</b>			<b>\$548,696</b>	<b>\$117,633</b>	<b>\$2,422,500</b>	<b>\$3,088,829</b>
<b>COLORADO CITY MUNI</b>						
2012	Runways:Rehabilitate Runway <Lighting/Electrical Vault>	Reconstruct Rwy 11/29 (6,300 ft x 75 ft) edge lights, conduits, and signage.	\$12,500	\$12,500	\$475,000	\$500,000
2012	Runways:Rehabilitate Runway - Reconstruct	Reconstruct Rwy 11/29 (6,300 ft x 75 ft) with pavement reconstruction.	\$75,000	\$75,000	\$2,850,000	\$3,000,000
2013	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Acquire and install approx 40,892 lf of wildlife perimeter fence.	\$22,500	\$22,500	\$855,000	\$900,000
2013	Land:Acquire <land/easement> for development/relocation	Acquire 143 acres of private land and 172 acres of BLM land for Twy expansion and maintain 35 ft BRL.	\$20,000	\$20,000	\$760,000	\$800,000

## Airport Projects - By Airport

Airport Name	FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>COLORADO CITY MUNI (continued)</b>							
	2014	Runways:Install Runway <vertical/visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Install visual aids: PAPI, REIL, and wind cone.	\$7,500	\$7,500	\$285,000	\$300,000
	2015	APMS - Apron Pavement Preservation	Thin Asphalt Overlay/PFC (A01CL Section 10).	\$98,920	\$10,991	\$0	\$109,911
	2015	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW220CL Section 10).	\$387,056	\$43,006	\$0	\$430,062
	2015	Taxiways:Construct Taxiway - Capacity	Construct the southeast portion of partial parallel Twy A to connect to Rwy 29.	\$17,500	\$17,500	\$665,000	\$700,000
	2016	Apron:Construct Apron - Standards	Design a relocated apron (600 ft x 400 ft) northeast of Rwy 29 and parallel Twy to Rwy 11 ( 3,674 ft x 35 ft).	\$4,500	\$4,500	\$171,000	\$180,000
<b>Airport Total:</b>				<b>\$645,476</b>	<b>\$213,497</b>	<b>\$6,061,000</b>	<b>\$6,919,973</b>
<b>COOLIDGE MUNI</b>							
	2012	Runways:Rehabilitate Runway - Reconstruct	Design only: reconstruction/rehabilitation of Rwy 17/35 & associated Twys; widen Twys (75 ft) MIRLs, MITLs, PAPIs.	\$8,675	\$8,675	\$329,650	\$347,000
	2012	Taxiways:Extend Taxiway - Capacity	Construct 1,800 ft Twy A extension S of existing Twy A on E side of Rwy 17/35.	\$24,225	\$24,225	\$920,550	\$969,000
	2013	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW1735CM Section 10).	\$286,585	\$31,843	\$0	\$318,428
	2013	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWACM Section 10).	\$219,693	\$24,410	\$0	\$244,103
	2013	Runways:Rehabilitate Runway - Reconstruct	Reconstruction/rehabilitation of Rwy 17/35 and associated Twys; widen Twys (75 ft) MIRLs, MITLs, PAPIs.	\$100,000	\$100,000	\$3,800,000	\$4,000,000
	2013	Runways:Rehabilitate Runway - Reconstruct	Design reconstruction/rehabilitation of Rwy 5/23 & associated Twys, widen Twys (75 ft.); MIRLs, MITLs, REILs.	\$20,625	\$20,625	\$783,750	\$825,000
	2014	Apron:Construct Apron - Standards	Reconstruction/rehabilitation of Twys serving Rwy 5/23, MITLs.	\$82,500	\$82,500	\$3,135,000	\$3,300,000
	2015	Runways:Rehabilitate Runway - Reconstruct	Reconstruction/rehabilitation of Rwy 5/23, MIRLs, REILs.	\$157,500	\$157,500	\$5,985,000	\$6,300,000
	2016	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Design/install approx. 15,000 ft of perimeter fencing.	\$6,750	\$6,750	\$256,500	\$270,000
<b>Airport Total:</b>				<b>\$906,553</b>	<b>\$456,528</b>	<b>\$15,210,450</b>	<b>\$16,573,531</b>
<b>COTTONWOOD</b>							
	2012	Runways:Extend Runway- Capacity	Design Rwy extension on Rwy 32 end, approximately 300 ft x 75 ft.	\$1,500	\$1,500	\$57,000	\$60,000
	2013	Runways:Extend Runway- Capacity	Construct Rwy extension on 32 end of Rwy, approx. 300 ft x 75 ft.	\$9,125	\$9,125	\$346,750	\$365,000
	2014	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW1432CT Section 10).	\$351,311	\$39,035	\$0	\$390,345

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>COTTONWOOD (continued)</b>						
2015	Equipment:Install Weather Reporting Equipment {describe, e.g., AWOS } - Standards	Install AWOS.	\$8,750	\$8,750	\$332,500	\$350,000
<b>Airport Total:</b>			<b>\$370,686</b>	<b>\$58,410</b>	<b>\$736,250</b>	<b>\$1,165,345</b>
<b>DOUGLAS MUNI</b>						
2014	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWADM Section 10).	\$263,330	\$29,259	\$0	\$292,589
<b>Airport Total:</b>			<b>\$263,330</b>	<b>\$29,259</b>	<b>\$0</b>	<b>\$292,589</b>
<b>ELOY MUNI</b>						
2012	APMS - Runway Pavement Preservation	Mill & Replace PFC (A01EM Section 10).	\$317,485	\$35,276	\$0	\$352,761
2012	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWAEM Section 10).	\$54,623	\$6,069	\$0	\$60,692
2012	Other:<Light/Mark/Remove> Obstructions [hazard only e.g., approaches] - Safety/Security	Rwy 2/20 Obstruction (tree) removal and RSA improvements (Rwy 2 = 300 ft x 150 ft).	\$3,750	\$3,750	\$142,500	\$150,000
2013	Apron: Apron Reconstruct	Design: rehabilitation of apron (15,450 sy) options to be explored (reconstruction vs. mill and overlay) and preferred option pursued (includes installation of apron lighting).	\$180,000	\$20,000	\$0	\$200,000
2013	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruct Twy A (3,900 ft x 35 ft) & install Twy edge lighting.	\$45,000	\$45,000	\$1,710,000	\$1,800,000
2014	Apron:Rehabilitate Apron - Reconstruction	Alternatives for apron rehabilitation (15,450 sy) to be explored (reconstruction vs. mill & overlay), preferred alternative pursued (includes installation of Apron lighting).	\$25,000	\$25,000	\$950,000	\$1,000,000
2014	Land:Acquire land/easement for approaches	Acquire 21 acres of land (purchase/acquire land on both ends of Rwy 2/20).	\$10,000	\$10,000	\$380,000	\$400,000
2015	Terminal Development:Construct Terminal Building - Capacity	Construct terminal building, new parking lot, & install new utilities (30,000 sf) - Design only.	\$7,500	\$7,500	\$285,000	\$300,000
2015	Runways:Extend Runway- Capacity	Extend Rwy 2/20 on both ends (2 - 800 ft x 75 ft extensions), extend Twy A (35 ft wide) & add two connecting Twys on each end of extension.	\$43,750	\$43,750	\$1,662,500	\$1,750,000
2015	Ground Transportation:<Construct/Expand/Improve/Modify/R ehabilitate> Access Road - Other	Remove existing pavement & base & install new base and pavement (1,600 ft x 24 ft).	\$11,250	\$11,250	\$427,500	\$450,000
2015	Other:<Construct/Rehabilitate> Parking Lot [non revenue producing-non hub/MAP] - Other	Construct new asphalt pavement parking lot (16,000 sf).	\$1,875	\$1,875	\$71,250	\$75,000
2016	Other:<Construct/Rehabilitate> Parking Lot [non revenue producing-non hub/MAP] - Other	Construct new asphalt pavement parking lot (16,000 sf).	\$5,625	\$5,625	\$213,750	\$225,000
2016	Terminal Development:Construct Terminal Building - Capacity	Construct new terminal building, new parking lot, & install new utilities (30,000 sf).	\$30,000	\$30,000	\$1,140,000	\$1,200,000

## Airport Projects - By Airport

### Airport Name

FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>ELOY MUNI (continued)</b>						
2016	Runways:Install Runway <vertical/visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Install new GPS approach system.	\$2,500	\$2,500	\$95,000	\$100,000
<b>Airport Total:</b>			<b>\$738,358</b>	<b>\$247,595</b>	<b>\$7,077,500</b>	<b>\$8,063,453</b>
<b>ERIC MARCUS MUNICIPAL</b>						
2012	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW1230AJ Section 10).	\$231,354	\$25,706	\$0	\$257,060
2012	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWAAJ Section 10).	\$27,500	\$3,056	\$0	\$30,556
2012	Runways:Rehabilitate Runway - Reconstruct	Thin asphalt overlay/pfc of Rwy & Twy A1. Crack Seal/rubberized asphalt emulsion seal coat Twy A2.	\$7,325	\$7,325	\$278,350	\$293,000
2013	Runways:Rehabilitate Runway - Reconstruct	Repaint non-precision Rwy markings (includes existing threshold markers, Rwy numbers, centerline & border striping); add fixed distance markers.	\$625	\$625	\$23,750	\$25,000
2013	Apron:Rehabilitate Apron - Reconstruction	Joint seal approximately 1,500 sy of apron just south of existing hangars.	\$625	\$625	\$23,750	\$25,000
2014	Other:Install <Guidance Signs/ Runway Incursion Caution Bars> [required by Part 139] - Safety/Security	Installation of lighted airfield directional signage at both Rwy/Twy intersections.	\$977	\$977	\$37,109	\$39,062
2014	Runways:Install Runway Lighting ( HIRL, MIRL) [Required by Part 139] - Safety/Security	Replace 8 existing Rwy threshold lights with upgraded units that conform with A/C No.150/5345-46C.	\$500	\$500	\$19,000	\$20,000
2015	Apron:Construct Apron - Standards	Crack seal/rubberized asphalt emulsion seal coat Rwy & Twys A1 & A2.	\$2,500	\$2,500	\$95,000	\$100,000
2016	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Design & install 6 ft chain link security fencing with three-strand barbed wire.	\$21,575	\$21,575	\$819,850	\$863,000
<b>Airport Total:</b>			<b>\$292,981</b>	<b>\$62,889</b>	<b>\$1,296,809</b>	<b>\$1,652,678</b>
<b>ERNEST A. LOVE FIELD</b>						
2012	Equipment:Acquire Aircraft Rescue & Fire Fighting Vehicle [required by Part 139 only] - Safety/Security	Acquire new ARFF vehicle (Index B).	\$12,500	\$12,500	\$475,000	\$500,000
2012	Equipment:Acquire Security Equipment/Install Fencing [required by Part 107] - Safety/Security	Design security upgrades to include 29,000 lf of fencing with cameras and access control devices.	\$3,947	\$3,947	\$150,000	\$157,895
2012	Runways:<Construct/Extend/Improve> Runway Safety Area [Primary Airports] - Safety/Security	Construct Rwy 12/30 Shift for RSA requirements to include paving Rwy Twy Shoulders, realignment of Twy F, Twy E lighting, drainage improvements.	\$162,500	\$162,500	\$6,175,000	\$6,500,000
2012	Runways:<Construct/Extend/Improve> Runway Safety Area [Primary Airports] - Safety/Security	Design Rwy 12/30 shift (approx 15 ft E-SE) for RSA requirements to include paving Rwy/Twy shoulders, realigning Twy F west of Twy C, Twy E lighting, drainage improvements between Twy F and Rwy 12/30 in the RSA.	\$16,250	\$16,250	\$617,500	\$650,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>ERNEST A. LOVE FIELD (continued)</b>						
2012	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Conduct terminal area study to include the entire SW corner of airport and proposed new access from Ruger Road.	\$17,500	\$17,500	\$665,000	\$700,000
2012	Runways:Rehabilitate Runway - Reconstruct	Pavement Maintenance - Rwys and Twys (430,000 sy) - crack sealing, seal coats, overlays, paint striping as required.	\$16,888	\$16,888	\$641,725	\$675,500
2013	Equipment:Acquire Security Equipment/Install Fencing [required by Part 107] - Safety/Security	Construct security upgrades to include 29,000 lf of fencing with cameras and access control devices.	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2013	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Prepare EA per FAA Order 5050-4B for development and approach protection land acquisition (80 ac) for Rwy 21L extension to 9,300 ft, Rwy 12/30 approach protection (7 ac) and development of a terminal building.	\$7,500	\$7,500	\$285,000	\$300,000
2014	APMS - Runway Pavement Preservation	Thin asphalt overlay/PFC (RW1230PR Section 10).	\$353,352	\$39,261	\$0	\$392,613
2014	Terminal Development:Construct Terminal Building - Capacity	Complete design of new terminal building.	\$17,500	\$17,500	\$665,000	\$700,000
2014	Land:Acquire <land/easement> for development/relocation	RPZ Rwy 21L/3R land acquisition (80 acres) for Rwy 21L extension to 9,300 ft and for Rwy 12/30 RPZ land acquisition for approach protection.	\$76,125	\$76,125	\$2,892,750	\$3,045,000
2015	Runways:Extend Runway- Capacity	Design Rwy 21L/3R & Twys to minimum of 9,300 ft and 200K lbs; Extend/relocate security fencing; upgrade airfield lighting including relocating vault and adding Twy E lighting.	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2015	Runways:Rehabilitate Runway - Reconstruct	Pavement Maintenance - Rwys and Twys (430,000 sy) - crack sealing, seal coats, overlays, paint striping as required.	\$17,500	\$17,500	\$665,000	\$700,000
2016	Runways:Extend Runway- Capacity	Construct extension Rwy 21L/3R & Twys to minimum of 9,300 ft and 200K lbs; upgrade of airfield lighting.	\$375,000	\$375,000	\$14,250,000	\$15,000,000
2016	Runways:Rehabilitate Runway - Reconstruct	Pavement maintenance - Rwys and Twys (430,000 sy) - crack sealing, seal coats, overlays, paint striping as required.	\$17,500	\$17,500	\$665,000	\$700,000
2016	Terminal Development:Construct Terminal Building - Capacity	Construct new terminal building.	\$332,500	\$332,500	\$12,635,000	\$13,300,000
<b>Airport Total:</b>			<b>\$1,501,562</b>	<b>\$1,187,471</b>	<b>\$43,631,975</b>	<b>\$46,321,008</b>
<b>FALCON FLD</b>						
2012	Apron: Apron Reconstruct	Reconstruct & structurally upgrade approx. 128,700 sy of existing Falcon and terminal aircraft parking apron.	\$1,800,000	\$200,000	\$0	\$2,000,000
2012	Other:Install <Guidance Signs/ Runway Incursion Caution Bars> [non Part 139 CS] - Statutory Emphasis Programs	Design Rwy guard light system for remaining portions of Rwy/Twy system along Twy A, C, D & E not constructed under Twy B reconfiguration/install RGL light project.	\$2,500	\$2,500	\$95,000	\$100,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>FALCON FLD (continued)</b>						
2012	Runways:<Construct/Extend/Improve> Runway Safety Area [Non-Primary Airports] - Standards	Construct Twy B Reconfiguration between Rwy 4R/22L & Twy D & between Rwy 4L/22R & Twy E; Install RGL system along Twy B, upgrade emergency generator.	\$52,632	\$52,632	\$2,000,000	\$2,105,263
2013	Other:Install <Guidance Signs/ Runway Incursion Caution Bars> [non Part 139 CS] - Statutory Emphasis Programs	Construct Rwy guard light system for remaining portions of Rwy/Twy system along Twy A, C, D & E not constructed under Twy B reconfiguration/install RGL project.	\$28,947	\$28,947	\$1,100,000	\$1,157,895
2013	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Conduct EA for design/construction of midfield Twy F (5,100 ft x 50 ft, 255,000 sf) & relocation of Twy E 40 ft to NW of current location to meet FAA standards for B-II aircraft.	\$6,500	\$6,500	\$247,000	\$260,000
2014	Runways: Runway Vertical/Visual Lighting	Design - Upgrade Rwy 4R/22L PAPIs from 2-box to 4-box unit; install REILs Rwy 4L/22R; install blast pads on Rwy 4L/22R (100 ft x 75 ft, 7500 sf).	\$76,500	\$8,500	\$0	\$85,000
2014	Taxiways:Construct Taxiway - Capacity	Design - Twy F (5,100 ft x 50 ft) parallel, centerfield Twy (255,000 sf) and high-speed exits to support Rwy 4R/22L & 4L/22R.	\$35,000	\$35,000	\$1,330,000	\$1,400,000
2015	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW4L22RMF Section 10).	\$105,099	\$11,678	\$0	\$116,777
2015	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWEMF Section 10).	\$92,952	\$10,328	\$0	\$103,280
2015	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWDMF Section 10).	\$140,554	\$15,617	\$0	\$156,171
2015	Runways: Runway Vertical/Visual Lighting	Construct - Upgrade Rwy 4R/22L PAPIs from 2-box to 4-box unit; install REILs Rwy 4L/22R; Install blast pads on Rwy 4L/22R (100 ft x 75 ft, 7,500 sf).	\$688,500	\$76,500	\$0	\$765,000
2015	Taxiways:Construct Taxiway - Capacity	Construct midfield Twy F - Ph. 1 (2,650 ft x 50 ft, 132,500 sf) & supporting high-speed Rwy exits.	\$157,500	\$157,500	\$5,985,000	\$6,300,000
2016	Apron: Apron Construct	Design expansion of Anzio aircraft parking ramp (150 ft x 130 ft, 19,500 sf), ramp lighting & new access road.	\$90,000	\$10,000	\$0	\$100,000
2016	Taxiways:Construct Taxiway - Capacity	Construct midfield Twy F - Ph. 2 (2,650 ft x 50 ft, 132,500 sf) & supporting high-speed Rwy exits.	\$157,500	\$157,500	\$5,985,000	\$6,300,000
2016	Taxiways:Construct Taxiway [includes relocation]	Design - relocate Twy E 40 ft to NW (3,800 ft x 50 ft, 190,000 sf) & supporting high-speed exits from Rwy 4L/22R.	\$10,000	\$10,000	\$380,000	\$400,000
<b>Airport Total:</b>			<b>\$3,444,184</b>	<b>\$783,202</b>	<b>\$17,122,000</b>	<b>\$21,349,386</b>

## Airport Projects - By Airport

<b>Airport Name</b>						
<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>FLAGSTAFF PULLIAM</b>						
2012	Ground Transportation:<Construct/Expand/Improve/Modify/R ehabilitate> Access Road - Capacity	Reconstruct Pulliam Dr. from John Wesley Powell Blvd. around in front of the terminal building & back to where the road reconnects with itself approaching John Wesley Powell. Road is approx. 2,500 lf of single/double lane pavement.	\$78,977	\$78,977	\$3,001,108	\$3,159,061
2013	Taxiways:Rehabilitate Taxiway - Reconstruct	Ph. 1 - Rebuild existing taxilanes between and around hangars and shades. Construct drainage improvements throughout. The taxilane construction is approx. 46,463 sy per phase.	\$71,968	\$71,968	\$2,734,795	\$2,878,732
2014	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWAFG Section 20).	\$166,529	\$18,503	\$0	\$185,032
2014	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWWFG Section 20).	\$26,996	\$3,000	\$0	\$29,996
2014	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWWFG Section 10).	\$62,385	\$6,932	\$0	\$69,317
2014	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWAFG Section 30).	\$38,231	\$4,248	\$0	\$42,479
2014	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWAFG Section 10).	\$158,920	\$17,658	\$0	\$176,578
2014	Apron: Apron Reconstruct	Joint repairs between aircraft parking ramp concrete slabs. Project would include replacing backer rod spacers and permanently sealing joints. South apron is 30,508 sy.	\$155,806	\$17,312	\$0	\$173,118
2014	Taxiways:Rehabilitate Taxiway - Reconstruct	Ph. 2 - Rebuild existing taxilanes between and around hangars and shades. Construct drainage improvements. The taxilane construction is approx. 46,463 sy per phase.	\$71,968	\$71,968	\$2,734,795	\$2,878,732
2015	Other:Construct Deicing Containment Facility	Design and build glycol recovery and storage system to eliminate possibility of contaminated stormwater runoff for the air carrier apron area.	\$15,968	\$15,968	\$606,765	\$638,700
2016	Other:<Construct/Rehabilitate> Parking Lot [non revenue producing-non hub/MAP] - Other	Construct multi-level parking structure to increase passenger parking capacity at the airport terminal.	\$201,759	\$201,759	\$7,666,856	\$8,070,375
<b>Airport Total:</b>			<b>\$1,049,507</b>	<b>\$508,293</b>	<b>\$16,744,319</b>	<b>\$18,302,120</b>
<b>GANADO</b>						
2012	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Prepare Airport Master Plan.	\$0	\$5,000	\$190,000	\$200,000
2013	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Conduct EA for Rwy, apron and bypass Twys construction at the current airport site.	\$0	\$6,000	\$228,000	\$240,000
2014	Apron:Construct Apron - Capacity	Construct apron 400 ft x 200 ft on northeast side of the Rwy - Ph. 1: Grading and Drainage.	\$0	\$37,500	\$1,425,000	\$1,500,000

## Airport Projects - By Airport

Airport Name	FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>GANADO (continued)</b>							
	2014	Taxiways:Construct Taxiway [includes relocation]	Construct bypass Twys at each end of the new Rwy approx. 750 ft x 60 ft - Ph.1: Grading and Drainage.	\$0	\$5,000	\$95,000	\$100,000
	2014	Runways:Construct Runway - Capacity	Construct Rwy 5,000 ft x 60 ft at currently unimproved site, Ph. 1: grading and drainage.	\$0	\$75,000	\$1,425,000	\$1,500,000
	2015	Apron:Install Apron Lighting - Standards	Construct apron 400 ft x 200 ft on northeast side of the Rwy - Ph. 3:edge lighting.	\$0	\$3,750	\$71,250	\$75,000
	2015	Runways:Construct Runway [includes relocation] - Standards	Construct Rwy 5,000 ft x 60 ft at currently unimproved site, Ph. 2: paving.	\$0	\$75,000	\$1,425,000	\$1,500,000
	2015	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO or CL) - Standards	Construct Rwy 5,000 ft x 60 ft. Ph. 3: edge lighting.	\$0	\$12,500	\$237,500	\$250,000
	2015	Taxiways:Construct Taxiway [includes relocation]	Construct bypass Twys at each end of the new Rwy approx. 750 ft x 60 ft - Ph. 2: paving.	\$0	\$7,500	\$142,500	\$150,000
	2015	Apron:Construct Apron - Standards	Construct apron 400 ft x 200 ft on northeast side of the Rwy - Ph. 2: paving.	\$0	\$12,500	\$237,500	\$250,000
	2016	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Install perimeter fencing approx. 18,000 lf.	\$0	\$20,000	\$380,000	\$400,000
<b>Airport Total:</b>				<b>\$0</b>	<b>\$259,750</b>	<b>\$5,856,750</b>	<b>\$6,165,000</b>
<b>GILA BEND MUNI</b>							
	2012	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW422GB Section 10).	\$397,028	\$44,114	\$0	\$441,142
	2013	Taxiways:Rehabilitate Taxiway - Reconstruct	Provide engineering design for the rehabilitation of Twy A (5,200 ft x 40 ft) and the six associated Twy connectors.	\$5,000	\$5,000	\$190,000	\$200,000
	2014	Taxiways:Rehabilitate Taxiway - Reconstruct	Rehabilitate the existing Twy A (5,200 ft x 40 ft) and the six associated Twy connectors.	\$49,000	\$49,000	\$1,862,000	\$1,960,000
	2015	APMS - Apron Pavement Preservation	Thin Asphalt Overlay/PFC (A01GB Section 10).	\$145,993	\$16,221	\$0	\$162,214
	2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWAGB Section 10).	\$343,873	\$38,208	\$0	\$382,081
	2015	Other:<Install/Rehabilitate> Airport Beacons [required by Part 139] - Safety/Security	Replacement of the existing rotating beacon near the terminal building and the installation of a new Automated Weather Observation System (AWOS) on the northeast side of the airport.	\$9,250	\$9,250	\$351,500	\$370,000
	2016	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Design and construct a new 12,000 gallon AVGAS self serve fuel tank with card reader adjacent to the existing tiedown apron.	\$8,500	\$8,500	\$323,000	\$340,000
<b>Airport Total:</b>				<b>\$958,644</b>	<b>\$170,293</b>	<b>\$2,726,500</b>	<b>\$3,855,437</b>
<b>GLENDALE MUNICIPAL</b>							
	2012	Taxiways:Rehabilitate Taxiway - Reconstruct	Pavement maintenance design. Ph. 1 Twy A, and all ramps. Approx. 395,000 sy.	\$2,500	\$2,500	\$95,000	\$100,000
	2012	Land:Acquire <land/easement> for development/relocation	Land purchase. Conair. approx. 40 Acres.	\$375,000	\$375,000	\$14,250,000	\$15,000,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>GLENDALE MUNICIPAL (continued)</b>						
2013	Taxiways:Rehabilitate Taxiway - Reconstruct	Construct pavement maintenance on Twy A (45,000 sy).	\$3,750	\$3,750	\$142,500	\$150,000
2014	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW119GL Section 10).	\$216,057	\$24,006	\$0	\$240,063
2014	Runways:Rehabilitate Runway - Reconstruct	Construct pavement maintenance on Rwy 1/19 (85,000 sy).	\$4,375	\$4,375	\$166,250	\$175,000
2014	Equipment:Acquire Security Equipment/Install Fencing [required by Part 107] - Safety/Security	Design security upgrades - install cameras along perimeter of airport along fence line, approx. 81,000 lf.	\$3,750	\$3,750	\$142,500	\$150,000
2014	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Conduct an EA for the EMAS on Rwy 1/19 and Twy A improvements.	\$5,000	\$5,000	\$190,000	\$200,000
2015	Apron:Rehabilitate Apron - Reconstruction	Construct pavement maintenance on all aprons (350,000 sy).	\$13,750	\$13,750	\$522,500	\$550,000
2015	Equipment:Acquire Security Equipment/Install Fencing [required by Part 107] - Safety/Security	Construct security upgrades - Install cameras along perimeter of airport along fence line, approx. 81,000 lf.	\$42,500	\$42,500	\$1,615,000	\$1,700,000
2015	Runways:<Construct/Extend/Improve> Runway Safety Area [Primary Airports] - Safety/Security	Design the EMAS for Rwy 1/19, Ph. 1.	\$14,400	\$14,400	\$547,200	\$576,000
2015	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Conduct an EA the east Twy.	\$6,250	\$6,250	\$237,500	\$250,000
2016	Runways:<Construct/Extend/Improve> Runway Safety Area [Non-Primary Airports] - Standards	Construct EMAS on Rwy 1/19, Ph. 2.	\$180,000	\$180,000	\$6,840,000	\$7,200,000
2016	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Update Master Plan.	\$7,500	\$7,500	\$285,000	\$300,000
2016	Taxiways:Construct Taxiway (environmental mitigation)	Construct Twy improvements for EMAS - Ph. 2.	\$17,500	\$17,500	\$665,000	\$700,000
<b>Airport Total:</b>			<b>\$892,332</b>	<b>\$700,281</b>	<b>\$25,698,450</b>	<b>\$27,291,063</b>
<b>GRAND CANYON NATIONAL PARK</b>						
2012	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW321GC Section 10).	\$376,609	\$41,845	\$0	\$418,454
2012	Terminal Development:Construct Terminal Building - Capacity	Followup to EA; Design of new terminal building to expand airport capacity and increase revenue.	\$6,250	\$6,250	\$237,500	\$250,000
2012	Apron:Construct Apron - Capacity	Design of apron south of existing apron to new ARFF building to open leaseable adjacent land - 325,000 sf or 36,111 sy.	\$1,250	\$1,250	\$47,500	\$50,000
2012	Equipment:Acquire Aircraft Rescue & Fire Fighting Vehicle [not required by Part 139] - Standards	Structural fire truck recommended by cert inspectors due to remote location of airport.	\$17,500	\$17,500	\$665,000	\$700,000
2013	Terminal Development:Construct Terminal Building - Capacity	Ph. 2 design of new terminal building.	\$12,500	\$12,500	\$475,000	\$500,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>GRAND CANYON NATIONAL PARK (continued)</b>						
2013	Apron:Construct Apron - Capacity	Design Ph. 2 of expansion of south apron to ARFF Bldg 325,000 sf or 36,111 sy.	\$1,250	\$1,250	\$47,500	\$50,000
2014	Terminal Development:Construct Terminal Building - Capacity	Ph. 1 of terminal construction.	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2014	Apron:Construct Apron - Capacity	Ph. 1 of apron expansion construction 325,000 sf or 36,111 sy.	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2015	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Update Airport Master Plan / Airport Layout Plan due to changes in the airport environment.	\$12,500	\$12,500	\$475,000	\$500,000
2015	Terminal Development:Construct Terminal Building - Capacity	Ph. 2 of new terminal building construction.	\$25,000	\$25,000	\$950,000	\$1,000,000
2015	Apron:Construct Apron - Capacity	Ph. 2 of south apron construction, extending apron to ARFF site 325,000 sf or 36,111 sy.	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2016	Apron:Construct Apron - Standards	Ph. 3 - Final of terminal construction.	\$25,000	\$25,000	\$950,000	\$1,000,000
2016	Apron:Rehabilitate Apron - Reconstruction	Crackseal and sealcoat apron east of Twy P.	\$25,000	\$25,000	\$950,000	\$1,000,000
<b>Airport Total:</b>			<b>\$615,359</b>	<b>\$280,595</b>	<b>\$9,072,500</b>	<b>\$9,968,454</b>
<b>GRAND CANYON WEST</b>						
2012	Buildings:<Construct/Expand/Imp/Modify/Rehabilitate> <Snow Removal Equipment/Chemical Storage Building/etc.> - Standards	Construct an ARFF building.	\$0	\$350,000	\$6,650,000	\$7,000,000
2012	Equipment:Acquire Aircraft Rescue & Fire Fighting Vehicle [required by Part 139 only] - Safety/Security	ARFF vehicle acquisition.	\$0	\$35,000	\$665,000	\$700,000
2012	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Update the Airport Master Plan.	\$0	\$40,000	\$760,000	\$800,000
2012	Equipment:Acquire <Snow Removal Equipment/Urea Truck/etc.> - Standards	Acquire snow removal equipment.	\$0	\$17,500	\$332,500	\$350,000
2013	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for widening and strengthening Rwy 17/35 and extension 1,500 ft x 100 ft.	\$0	\$22,500	\$427,500	\$450,000
2013	Terminal Development:Construct Terminal Building - Capacity	Complete design of terminal building (+/-33,000 sf), helicopter staging area on west side of Rwy.	\$0	\$25,000	\$475,000	\$500,000
2014	Runways:<Construct/Extend/Improve> Runway Safety Area [Primary Airports] - Safety/Security	Extend Rwy 17/35 1,500 ft x 100 ft to the north.	\$0	\$75,000	\$1,425,000	\$1,500,000
2014	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Capacity	Construct terminal building (+/-33,000) on west side of Rwy 17/35.	\$0	\$1,128,000	\$21,432,000	\$22,560,000
2014	Runways:<Extend/Widen/Strengthen> Runway [to meet standards] - Standards	Rwy widen and strengthen (60,000 lbs. DWL) & widen to 100 ft (currently 5,000 ft x 75 ft).	\$0	\$150,000	\$2,850,000	\$3,000,000

## Airport Projects - By Airport

### Airport Name

FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>GRAND CANYON WEST (continued)</b>						
2015	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Capacity	Expand automobile parking to include 100 additional automobile spaces and 13 motorcoach spaces.	\$0	\$50,000	\$950,000	\$1,000,000
2016	Apron:Construct Apron - Standards	Construct GA terminal building and related access road.	\$0	\$25,000	\$475,000	\$500,000
<b>Airport Total:</b>			<b>\$0</b>	<b>\$1,918,000</b>	<b>\$36,442,000</b>	<b>\$38,360,000</b>
<b>GREENLEE COUNTY</b>						
2012	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for RPZ Rwy 7 & Rwy 25 (39.76 acres land acq., State land), obstruction removal & Rwy/Twy ext.	\$3,750	\$3,750	\$142,500	\$150,000
2012	Apron:Rehabilitate Apron - Reconstruction	Rehabilitate 8,600 sy PCCP Apron.	\$7,500	\$7,500	\$285,000	\$300,000
2013	Runways: Runway Reconstruct	Design Rwy & Twy pavement rehabilitation (82,000 sy).	\$67,500	\$7,500	\$0	\$75,000
2013	Equipment:Acquire Security Equipment/Install Fencing [required by Part 107] - Safety/Security	Construct perimeter fence (9,700 lf).	\$12,500	\$12,500	\$475,000	\$500,000
2013	Other:<Light/Mark/Remove> Obstructions - Standards	Obstruction removal (overhead electrical).	\$5,000	\$5,000	\$190,000	\$200,000
2013	Land:Acquire <land/easement> for development/relocation	Acquire 24.39 acres for airport development.	\$21,250	\$21,250	\$807,500	\$850,000
2013	Land:Acquire land/easement for approaches	Acquire 3.27 acres for Rwy 25 RPZ (State land).	\$3,375	\$3,375	\$128,250	\$135,000
2013	Land:Acquire land/easement for approaches	Acquire 12.10 acres for Rwy 7 RPZ (State land).	\$14,775	\$14,775	\$561,450	\$591,000
2014	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW725GR Section 10).	\$494,920	\$54,991	\$0	\$549,911
2014	Runways: Runway Construct	Design Rwy 25 extension (300 ft x 100 ft) & Twy extension (500 ft x 50 ft).	\$157,500	\$17,500	\$0	\$175,000
2014	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Other	Construct airport entrance road relocation (3,100 ft x 24 ft).	\$13,750	\$13,750	\$522,500	\$550,000
2014	Runways:Rehabilitate Runway - Reconstruct	Construct Rwy & Twy pavement rehabilitation (82,000 sy).	\$15,000	\$15,000	\$570,000	\$600,000
2014	Other:Improve Airport <Drainage/Erosion Control/miscellaneous improvements> - Standards	Construct drainage improvements (entire airport).	\$23,750	\$23,750	\$902,500	\$950,000
2015	Taxiways:Extend Taxiway - Capacity	Construct Twy A extension (500 ft x 50 ft).	\$10,625	\$10,625	\$403,750	\$425,000
2015	Taxiways:Install Taxiway Lighting (e.g., SMGCS, reflectors, MITL) - Standards	Install airfield MITL (5,100 ft x 50 ft).	\$3,750	\$3,750	\$142,500	\$150,000
2015	Taxiways:Install Taxiway Lighting (MITL) [non Part 139 CS] - Statutory Emphasis Programs	Construct guidance sign installation (entire airport).	\$11,875	\$11,875	\$451,250	\$475,000
2015	Runways:Extend Runway- Capacity	Construct Rwy 25 extension (300 ft x 100 ft).	\$21,250	\$21,250	\$807,500	\$850,000
2015	Runways:Install Runway Lighting (HIRL, MIRL) [non Part 139 CS] - Statutory Emphasis Programs	Construct Rwy 25 lighting extension (500 ft x 50 ft).	\$1,875	\$1,875	\$71,250	\$75,000

## Airport Projects - By Airport

### Airport Name

FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>GREENLEE COUNTY (continued)</b>						
2016	Apron: Apron Construct	Design apron expansion (5,000 sf).	\$45,000	\$5,000	\$0	\$50,000
2016	Apron:Construct Apron - Capacity	Construct apron expansion (5,000 sf).	\$8,750	\$8,750	\$332,500	\$350,000
2016	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Conduct Master Plan update.	\$3,125	\$3,125	\$118,750	\$125,000
<b>Airport Total:</b>			<b>\$946,820</b>	<b>\$266,891</b>	<b>\$6,912,200</b>	<b>\$8,125,911</b>
<b>H.A. CLARK MEMORIAL FIELD</b>						
2012	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Revalidate EA previously completed for extension of Rwy 18.	\$2,500	\$2,500	\$95,000	\$100,000
2012	Apron:Rehabilitate Apron - Reconstruction	Reconstruct original apron (approx. 4,500 sy).	\$31,250	\$31,250	\$1,187,500	\$1,250,000
2012	Finance:Financing Costs - Other	Sponsor is seeking reimb. of costs incurred for fuel farm and hangar acquired at public auction.	\$1,500	\$1,500	\$57,000	\$60,000
2013	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Service Road - Other	Construct perimeter road (approx. 18,000 lf).	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2014	Apron:Construct Apron - Capacity	Construct north GA apron Ph. 1 (approx. 4,000 sy).	\$22,500	\$22,500	\$855,000	\$900,000
2014	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Other	Rehabilitate airport access road (approx. 1,000 lf).	\$8,750	\$8,750	\$332,500	\$350,000
2014	Other:<Construct/Rehabilitate> Parking Lot [non revenue producing-non hub/MAP] - Other	Construct expanded non revenue auto parking (approx. 1,200 sy) Ph. 1.	\$3,750	\$3,750	\$142,500	\$150,000
2015	Taxiways:Construct Taxiway - Capacity	Construct Twys/Taxilanes Ph. 1 - A2, A6 and east taxilanes.	\$31,250	\$31,250	\$1,187,500	\$1,250,000
2015	Runways:<Extend/Widen/Strengthen> Runway [to meet standards] - Standards	Extend Rwy 18 and parallel Twy (approx. 1,000 lf).	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2016	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Update Airport Master Plan.	\$3,750	\$3,750	\$142,500	\$150,000
2016	Apron:Expand Apron - Capacity	Construct terminal apron Ph. 1 (approx. 10,000 sy).	\$30,000	\$30,000	\$1,140,000	\$1,200,000
<b>Airport Total:</b>			<b>\$210,250</b>	<b>\$210,250</b>	<b>\$7,989,500</b>	<b>\$8,410,000</b>
<b>HOLBROOK MUNI</b>						
2013	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Relocate the fuel farm outside of the future RPZ.	\$8,750	\$8,750	\$332,500	\$350,000
2014	Taxiways:Install Taxiway Lighting (e.g., SMGCS, reflectors, MITL) - Standards	Install lights and signage for relocated parallel Twy A.	\$5,625	\$5,625	\$213,750	\$225,000
2014	Taxiways:Construct Taxiway [includes relocation]	Relocate parallel Twy A (6,800 ft x 35 ft) for Rwy 3/21.	\$70,000	\$70,000	\$2,660,000	\$2,800,000
2015	APMS - Apron Pavement Preservation	Thin Asphalt Overlay/PFC (A02HL Section 10).	\$33,092	\$3,677	\$0	\$36,769
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWHBL Section 10).	\$48,191	\$5,355	\$0	\$53,545
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWAHL Section 10).	\$298,825	\$33,203	\$0	\$332,028

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>HOLBROOK MUNI (continued)</b>						
2015	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for shifting and extending Rwy 3/21 and parallel Twy A to the north east to remove incompatible development inside the RPZ and to provide the recommended Rwy length.	\$6,000	\$6,000	\$228,000	\$240,000
2016	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO or CL) - Standards	Install MIRL for the Rwy 3/21 extension.	\$750	\$750	\$28,500	\$30,000
2016	Runways:Install Runway <vertical/visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Install visual aids for Rwy 3/21 extension.	\$3,750	\$3,750	\$142,500	\$150,000
<b>Airport Total:</b>			<b>\$474,983</b>	<b>\$137,110</b>	<b>\$3,605,250</b>	<b>\$4,217,342</b>
<b>KAYENTA</b>						
2012	Finance:Financing Costs - Other	Carry over \$38,759 to 2013.	\$0	\$1,938	\$36,821	\$38,759
2012	Finance:Financing Costs - Other	Transfer funds back to Navajo DOT \$111,241. This will leave a carry over of \$38,759 for 2013.	\$0	\$5,562	\$105,679	\$111,241
2013	Buildings:<Construct/Expand/Imp/Modify/Rehabilitate> <Snow Removal Equipment/Chemical Storage Building/etc.> - Standards	Design and construct SRE building 60 ft x 40 ft.	\$0	\$20,000	\$380,000	\$400,000
2013	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Install perimeter fence approx. 16,000 lf.	\$0	\$30,000	\$570,000	\$600,000
2013	Apron:Construct Apron - Standards	Construct 3 helicopter parking pads north east of midfield apron.	\$0	\$25,000	\$475,000	\$500,000
2013	Taxiways:Construct Taxiway [includes relocation]	Construct parallel Twy A and connectors 7,100 ft x 35 ft, Ph. 1: grading and drainage.	\$0	\$60,000	\$1,140,000	\$1,200,000
2014	Taxiways:Construct Taxiway - Capacity	Construct parallel Twy and connectors for Rwy 5/23, 7,100 ft x 35 ft, Ph. 2: Paving.	\$0	\$90,000	\$1,710,000	\$1,800,000
2014	Taxiways:Install Taxiway Lighting (e.g., SMGCS, reflectors, MITL) - Standards	Install MITL on the new parallel Twy A and connectors 7,100 ft x 35 ft.	\$0	\$20,000	\$380,000	\$400,000
2015	Other:<Light/Mark/Remove> Obstructions - Standards	Obstruction survey for instrument approach.	\$0	\$3,750	\$71,250	\$75,000
2016	Runways:Rehabilitate Runway - Reconstruct	Fog seal and crack seal Rwy 5/23.	\$0	\$7,500	\$142,500	\$150,000
<b>Airport Total:</b>			<b>\$0</b>	<b>\$263,750</b>	<b>\$5,011,250</b>	<b>\$5,275,000</b>
<b>KINGMAN</b>						
2012	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Environmental planning for terminal building, relocation of fence at Rwy 35, pavement strengthening for Rwy 3/21, airfield drainage improvements, perimeter road, Twy B reconstruction, and Twy C rehabilitation.	\$3,750	\$3,750	\$142,500	\$150,000
2012	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Master Plan update.	\$5,000	\$5,000	\$190,000	\$200,000
2012	Apron:Rehabilitate Apron - Reconstruction	South ramp reconstruction - Ph. 6 (approx. 20,000 sy).	\$50,000	\$50,000	\$1,900,000	\$2,000,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>KINGMAN (continued)</b>						
2013	Runways: Runway Reconstruct	Design Rwy 3-21 (approx. 150,000 sy) and Twy D (approx. 100,000 sy) pavement strengthening.	\$180,000	\$20,000	\$0	\$200,000
2013	Runways:Rehabilitate Runway - Reconstruct	Construct Rwy 3/21 (approx. 150,000 sy) and Twy D (approx. 100,000 sy) pavement strengthening.	\$75,000	\$75,000	\$2,850,000	\$3,000,000
2014	Terminal Development:Construct Terminal Building - Capacity	Construct airport terminal building (13,010 sf) adjacent to ARFF/administration building.	\$170,500	\$170,500	\$6,479,000	\$6,820,000
2015	Taxiways:Rehabilitate Taxiway - Reconstruct	Construct Twy B reconstruction (approx. 22,000 sy).	\$20,000	\$20,000	\$760,000	\$800,000
2015	Taxiways:Rehabilitate Taxiway - Reconstruct	Construct Twy C reconstruction (approx. 24,000 sy).	\$25,000	\$25,000	\$950,000	\$1,000,000
2015	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Environmental planning for Rwy 3/21 extension to the ultimate length of 10,000 ft.	\$6,250	\$6,250	\$237,500	\$250,000
2016	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW1735KG Section 10).	\$655,142	\$72,794	\$0	\$727,935
2016	Runways: Runway Construct	Design Rwy 3/21 extension to the ultimate length of 10,000 feet.	\$225,000	\$25,000	\$0	\$250,000
2016	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Construct airfield perimeter road (approx. 30,000 lf).	\$37,500	\$37,500	\$1,425,000	\$1,500,000
<b>Airport Total:</b>			<b>\$1,453,142</b>	<b>\$510,794</b>	<b>\$14,934,000</b>	<b>\$16,897,935</b>
<b>LAKE HAVASU CITY</b>						
2012	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Design new airfield electrical vault - Replace existing metal airfield electrical vault with a 12 ft x 16 ft pre-engineered building that complies with current electrical codes (adjacent to existing fire station).	\$875	\$875	\$33,250	\$35,000
2012	Apron:Install Apron Lighting - Standards	Design new central ramp lighting and beacon - Replace 7 60 ft high aircraft parking apron lights located on the terminal and main apron and replace the existing beacon located at the fire station.	\$750	\$750	\$28,500	\$30,000
2012	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Construct new airfield electrical vault - Replace existing metal airfield electrical vault with a 12 ft x 16 ft pre-engineered building that complies with current electrical codes (adjacent to existing fire station).	\$7,500	\$7,500	\$285,000	\$300,000
2013	Apron:Install Apron Lighting - Standards	Construct aircraft parking apron lighting enhancements - Replace 7 60 ft high aircraft parking apron lights located on the terminal and main apron.	\$5,200	\$5,200	\$197,600	\$208,000
2013	Other:<Install/Rehabilitate> Airport Beacons [required by Part 139] - Safety/Security	Construct new beacon - Replace the existing beacon located at the fire station.	\$2,000	\$2,000	\$76,000	\$80,000
2013	Other:<Light/Mark/Remove> Obstructions [hazard only e.g., approaches] - Safety/Security	Relocate the existing fire hydrant to adjacent large shade port.	\$1,000	\$1,000	\$38,000	\$40,000
2013	Taxiways:Construct Taxiway - Capacity	Construct north ramp Twy connectors.	\$1,750	\$1,750	\$66,500	\$70,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>LAKE HAVASU CITY (continued)</b>						
2013	Apron:Construct Apron - Standards	Design main apron marking improvements - Redesignate areas of the main apron to accommodate large aircraft parking.	\$450	\$450	\$17,100	\$18,000
2014	Other:<Light/Mark/Remove> Obstructions [hazard only e.g., approaches] - Safety/Security	Remove existing 150,000 gallon water storage tank adjacent to Patton Drive.	\$3,750	\$3,750	\$142,500	\$150,000
2014	Apron:Construct Apron - Standards	Construct main apron marking improvements - Redesignate areas of the main apron to accomodate large aircraft parking.	\$5,000	\$5,000	\$190,000	\$200,000
2014	Other:<Light/Mark/Remove> Obstructions [hazard only e.g., approaches] - Safety/Security	Design and construction for replacement of existing WPPA mountain obstruction lights.	\$1,250	\$1,250	\$47,500	\$50,000
2014	Heliport:<Construct/Expand/Improve/Modify/Rehabilitate> Helipad/Heliport - Standards	Helicopter parking study.	\$375	\$375	\$14,250	\$15,000
2015	Other:Improve Airport <Drainage/Erosion Control/miscellaneous improvements> - Standards	Design and construct green in-field pavement markings.	\$1,250	\$1,250	\$47,500	\$50,000
2015	Heliport:<Construct/Expand/Improve/Modify/Rehabilitate> Helipad/Heliport - Capacity	Design and construct helicopter parking area.	\$5,000	\$5,000	\$190,000	\$200,000
2015	Runways:Rehabilitate Runway - Reconstruct	Runway Pavement Preservation (approx. 100,000 sy).	\$5,000	\$5,000	\$190,000	\$200,000
2016	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Capacity	Design and construct auto/truck access to north ramp.	\$7,500	\$7,500	\$285,000	\$300,000
2016	Apron:Construct Apron - Standards	Design and construct north ramp A freight improvements.	\$6,250	\$6,250	\$237,500	\$250,000
2016	Apron:Rehabilitate Apron - Reconstruction	Twy and apron pavement preservation (approx. 187,000 sy).	\$10,000	\$10,000	\$380,000	\$400,000
<b>Airport Total:</b>			<b>\$64,900</b>	<b>\$64,900</b>	<b>\$2,466,200</b>	<b>\$2,596,000</b>
<b>LAUGHLIN/BULLHEAD INTERNATIONAL</b>						
2012	Runways:Extend Runway- Capacity	This project will provide the site preparation/earthwork for the 1,000 ft southerly extension to Rwy 16/34.	\$125,000	\$125,000	\$4,750,000	\$5,000,000
2012	Runways:Extend Runway- Capacity	The project will include the design (Ph. 2) necessary to extend Rwy 16/34 1,000 ft to the south.	\$18,750	\$18,750	\$712,500	\$750,000
2013	Runways:Extend Runway- Capacity	This project involves the 1,000 ft extension (17,000 sy) to the south end of Rwy 16/34 and includes the extension of parallel Twy A (12,000 sy), and associated MIRL and MITL.	\$250,000	\$250,000	\$9,500,000	\$10,000,000
2013	Land:Acquire <land/easement> for development/relocation	The project involves the acquisition of 75 acres of ASLD property (Ph. 1). The APN is 213-32-003.	\$93,750	\$93,750	\$3,562,500	\$3,750,000
2014	Taxiways:Rehabilitate Taxiway - Reconstruct	This project involves the rehabilitation of Twy A (25,000 sy).	\$11,250	\$11,250	\$427,500	\$450,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>LAUGHLIN/BULLHEAD INTERNATIONAL (continued)</b>						
2014	Land:Acquire <land/easement> for development/relocation	The project involves the acquisition of 75 acres of ASLD property (Ph. 2). The APN is 213-32-003.	\$93,750	\$93,750	\$3,562,500	\$3,750,000
2014	Runways:<Construct/Extend/Improve> Runway Safety Area [Primary Airports] - Safety/Security	This project will include misc. erosion protection and drainage improvements along Rwy 16/34 (Ph.1).	\$25,000	\$25,000	\$950,000	\$1,000,000
2015	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW1634LB Section 10).	\$353,103	\$39,234	\$0	\$392,337
2015	Land:Acquire <land/easement> for development/relocation	This project involves the acquisition of 75 acres of ASLD property (Ph. 3). The APN is 213-32-003.	\$93,750	\$93,750	\$3,562,500	\$3,750,000
2015	Runways:<Construct/Extend/Improve> Runway Safety Area [Primary Airports] - Safety/Security	This project will include misc. erosion protection and drainage improvements along Rwy 16/34 (Ph. 2).	\$25,000	\$25,000	\$950,000	\$1,000,000
2016	Land:Acquire <land/easement> for development/relocation	This project involves the acquisition of 75 acres of ASLD property (Ph. 4). The APN is 213-32-003.	\$93,750	\$93,750	\$3,562,500	\$3,750,000
2016	Runways:<Construct/Extend/Improve> Runway Safety Area [Primary Airports] - Safety/Security	This project will include misc. erosion protection and drainage improvements along Rwy 16/34 (Ph.3).	\$25,000	\$25,000	\$950,000	\$1,000,000
<b>Airport Total:</b>			<b>\$1,208,103</b>	<b>\$894,234</b>	<b>\$32,490,000</b>	<b>\$34,592,337</b>
<b>MARANA REGIONAL</b>						
2012	Apron:Expand/Strengthen Apron - Standards	Design rehab of transient 446,314 sf; Open Tiedown 166,579 sf; Helicopter 267,600 sf & Terminal Aprons 777,000 sf - const. documents for rehab of existing aprons. Transient - FBO; Open Tiedown parallel 3/21; Helicopter adjacent A & Terminal parallel E.	\$5,500	\$5,500	\$209,000	\$220,000
2012	Apron:Construct Apron - Capacity	Construct a bypass apron (504 ft x 188 ft) on infield adjacent to existing bypass apron Ph. 2.	\$24,152	\$24,152	\$917,793	\$966,098
2012	Other:Construct Aircraft Rescue & Fire Fighting Training Facility/Regional Burn Pit/Mobile Training Facility - Standards	Construct fire protection waterline from northern portion of airport looping (6,000 ft of 12 inch waterline) SW around Rwy 12/30 & connecting to existing well.	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2012	Taxiways:Construct Taxiway - Capacity	Construct section (50 ft x 1,300 ft) of Twy K on infield adjacent to existing bypass apron.	\$33,155	\$33,155	\$1,259,900	\$1,326,211
2012	Runways:<Construct/Extend/Improve> Runway Safety Area [Non-Primary Airports] - Standards	Produce construction documents for surface overlay on established crosswind Rwy 3/21 (75 ft x 3,900 ft).	\$2,500	\$2,500	\$95,000	\$100,000
2013	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWAAV Section 10).	\$539,679	\$59,964	\$0	\$599,643
2013	Land:Acquire land/easement for approaches	Purchase approx. 155 acres of land located within RPZ for Rwy 12/30 on the 12 side.	\$127,500	\$127,500	\$4,845,000	\$5,100,000
2013	Runways:Rehabilitate Runway - Reconstruct	Reconstruct Rwy 3/21 approx. 75 ft x 3,900 ft. Construction drawings will be completed during FY 2012 per ACIP.	\$25,000	\$25,000	\$950,000	\$1,000,000
2013	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Update Airport Master Plan.	\$7,500	\$7,500	\$285,000	\$300,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>MARANA REGIONAL (continued)</b>						
2013	Taxiways:<Extend/Widen/Strengthen> Taxiway - Standards	Complete rehabilitation construction for Twys located: A 7,020 sf (parallel to Rwy 12/30; B 3,880 sf parallel to Rwy 3/21; & E 2,30 sf parallel to Rwy 12/30 on NE side. Construction drawings will be produced during FY 2012 per ACIP.	\$45,000	\$45,000	\$1,710,000	\$1,800,000
2013	Apron:Rehabilitate Apron - Reconstruction	Rehab aprons transient (446,314 sf), tiedown (166,579 sf), helicopter (267,600 sf) & terminal apron (777,000 sf). Complete rehab construct for apron: Transient adjacent - FBO; Open tiedown parallel-Rwy 3/21; Helicopter adjacent-Twy A; & Terminal-Twy E.	\$65,000	\$65,000	\$2,470,000	\$2,600,000
2013	Planning:Conduct Noise Compatibility Plan study/update	Update FAR Part 150 Noise Study.	\$7,500	\$7,500	\$285,000	\$300,000
2014	Taxiways: Taxiway Reconstruct	Produce construction documents for rehabilitation of Twy C (50 ft x 2,000 ft). Twy C is located SW of Rwy 12/30 & NW of Rwy 3/21.	\$765,000	\$85,000	\$0	\$850,000
2014	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for public use terminal (16,000 sf), Twy H, RPZs as identified during Airport Master Plan Update, (50 ft x 4400 ft), Rwy 12/30 Extension (500 ft).	\$6,250	\$6,250	\$237,500	\$250,000
2015	Runways: Runway Construct	NW of Rwy 3/21 - Design for construction of Twy H (50 ft x 4,400 ft) located parallel to Rwy 3/21.	\$360,000	\$40,000	\$0	\$400,000
2015	Buildings: Buildings Construct/relocate	Design terminal building (16,000 sf) Ph. 2 - Complete design & engineering for terminal building - 100% construction plans for Eastern end of airport parallel to Twy E.	\$282,600	\$31,400	\$0	\$314,000
2016	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW321AV Section 10).	\$334,930	\$37,214	\$0	\$372,144
2016	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWBAV Section 10).	\$202,748	\$22,528	\$0	\$225,275
2016	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Capacity	Construct a public use terminal on east side of airport (16,000 sf) - Terminal will include space for an FBO, pilot facilities, public meeting rooms, & airport administration offices.	\$175,000	\$175,000	\$6,650,000	\$7,000,000
2016	Taxiways:Construct Taxiway - Capacity	Construct Twy H parallel to Rwy 3/21 approx. 50 ft x 4,400 ft. Complete construction drawings will be completed during FY 2013 per ACIP.	\$80,000	\$80,000	\$3,040,000	\$3,200,000
<b>Airport Total:</b>			<b>\$3,126,514</b>	<b>\$917,663</b>	<b>\$24,379,193</b>	<b>\$28,423,371</b>
<b>NOGALES INTL</b>						
2012	Equipment:Acquire Equipment (e.g., Sweepers, etc.) - Standards	Acquire mower, sweeper, and vehicular gate with card reader.	\$3,750	\$3,750	\$142,500	\$150,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>NOGALES INTL (continued)</b>						
2013	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	New Master Plan update is needed.	\$5,625	\$5,625	\$213,750	\$225,000
2014	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Design/construct new fuel farm at existing location.	\$5,000	\$5,000	\$190,000	\$200,000
2015	Apron: Apron Reconstruct	Design reconstruction of approx. 107,000 sf of transient apron south of terminal.	\$135,000	\$15,000	\$0	\$150,000
2015	Other:Improve Airport <Drainage/Erosion Control/miscellaneous improvements> - Standards	Mass grade eroded embankment, install geogrid & supply/install area drains & pipes.	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2016	Apron:Rehabilitate Apron - Reconstruction	Construct approx. 107,000 sf of transient apron.	\$20,000	\$20,000	\$760,000	\$800,000
<b>Airport Total:</b>			<b>\$206,875</b>	<b>\$86,875</b>	<b>\$2,731,250</b>	<b>\$3,025,000</b>
<b>PAGE MUNI</b>						
2012	Apron:Rehabilitate Apron - Reconstruction	Construct apron strengthening, apron expansion, and Twy strengthening (approx. 26,300 sy).	\$60,000	\$60,000	\$2,280,000	\$2,400,000
2013	Apron:Expand/Strengthen Apron - Standards	Construct apron strengthening and expansion to 20,000 lb. (approx. 21,200 sy).	\$42,500	\$42,500	\$1,615,000	\$1,700,000
2013	Taxiways:Extend Taxiway - Capacity	Design Twy extension - from north ramp to Rwy 7 end, the new parcels NW of Rwy 7/25 and 15/33 and the runup area on Twy A near Rwy 15 (approx. 2,500 ft x 35 ft).	\$5,500	\$5,500	\$209,000	\$220,000
2013	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Master Plan update.	\$5,000	\$5,000	\$190,000	\$200,000
2014	Taxiways:Extend Taxiway - Capacity	Construct Twy extension (Ph. 1) - from north ramp to Twy A (Ph. 1). This phase goes from the north ramp to the new parcels and east (approx. 1,700 ft x 35 ft total).	\$27,500	\$27,500	\$1,045,000	\$1,100,000
2014	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Environmental Assessment for Rwy 7/25 extension (Safety).	\$5,000	\$5,000	\$190,000	\$200,000
2015	Taxiways:Extend Taxiway - Capacity	Construct Twy extension (Ph. 2) - Continuing from the end of Ph. 1 to the runup area on Twy A at the Rwy 15 end (approx. 800 ft x 35 ft).	\$27,500	\$27,500	\$1,045,000	\$1,100,000
2015	Runways:Extend Runway- Capacity	Design Rwy 7/25 extension (safety) (approx. 600 ft x 75 ft).	\$5,000	\$5,000	\$190,000	\$200,000
2016	Runways:Extend Runway- Capacity	Construct Rwy 7/25 extension (safety) (approximately 600 ft x 75 ft).	\$50,000	\$50,000	\$1,900,000	\$2,000,000
<b>Airport Total:</b>			<b>\$228,000</b>	<b>\$228,000</b>	<b>\$8,664,000</b>	<b>\$9,120,000</b>
<b>PAYSON</b>						
2012	Runways:<Construct/Extend/Improve> Runway Safety Area [Non-Primary Airports] - Standards	Construct blast pads and lights, signs for Rwy 6/24.	\$2,250	\$2,250	\$85,500	\$90,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>PAYSON (continued)</b>						
2013	Runways:<Construct/Extend/Improve> Runway Safety Area [Non-Primary Airports] - Standards	Grade the RSA to bring into compliance with design standards.	\$3,750	\$3,750	\$142,500	\$150,000
2013	Land:Acquire <land/easement> for development/relocation	Purchase of 13.5 acres located adjacent to the south side of the airport at the west end.	\$53,000	\$53,000	\$2,014,000	\$2,120,000
2014	Taxiways: Taxiway Construct	Relocate parallel Twy A to meet B-II standards- Design only.	\$135,000	\$15,000	\$0	\$150,000
2014	Apron:Construct Apron - Standards	Relocate and construct echo apron 400 ft x 100 ft.	\$11,250	\$11,250	\$427,500	\$450,000
2014	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Install security fencing +/- 4,000 ft.	\$3,000	\$3,000	\$114,000	\$120,000
2014	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Service Road - Other	South side of airport - 6,000 +/- sy asphalt roadway.	\$11,750	\$11,750	\$446,500	\$470,000
2015	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW624PY Section 10).	\$126,940	\$14,104	\$0	\$141,044
2015	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWAPY Section 10).	\$84,623	\$9,403	\$0	\$94,026
2015	Taxiways:Construct Taxiway [includes relocation]	Relocate 12 existing camping sites to the south east of the airport.	\$13,000	\$13,000	\$494,000	\$520,000
2015	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Standards	Construct 10,000 sf terminal building and 7,700 sy asphalt parking lot - Design only.	\$3,625	\$3,625	\$137,750	\$145,000
2016	Taxiways:Construct Taxiway [includes relocation]	Construct new asphalt taxilanes at west end of airport, approx 3,500 sy.	\$16,250	\$16,250	\$617,500	\$650,000
2016	Other:<Light/Mark/Remove> Obstructions - Standards	Relocate hangar one (10 hangars) to the southwest area of the airport into two - 5 hangar structures.	\$29,075	\$29,075	\$1,104,850	\$1,163,000
<b>Airport Total:</b>			<b>\$493,513</b>	<b>\$185,457</b>	<b>\$5,584,100</b>	<b>\$6,263,070</b>
<b>PHOENIX DEER VALLEY</b>						
2012	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (R07R Section 6).	\$25,668	\$2,852	\$0	\$28,520
2012	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (R07R Section 4).	\$53,010	\$5,890	\$0	\$58,900
2012	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (R07R Section 5).	\$18,435	\$2,048	\$0	\$20,483
2012	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (R07R Section 1).	\$25,110	\$2,790	\$0	\$27,900
2012	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (R07R Section 2).	\$12,297	\$1,366	\$0	\$13,663
2012	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (R07R Section 3).	\$94,860	\$10,540	\$0	\$105,400

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>PHOENIX DEER VALLEY (continued)</b>						
2012	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TC05 Section 2).	\$3,165	\$352	\$0	\$3,517
2012	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TC13 Section 1).	\$2,867	\$319	\$0	\$3,185
2012	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TC12 Section 1).	\$3,165	\$352	\$0	\$3,517
2012	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TC06 Section 1).	\$4,367	\$485	\$0	\$4,852
2012	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TC03 Section 1).	\$2,867	\$319	\$0	\$3,185
2012	Runways:<Extend/Widen/Strengthen> Runway [to meet standards] - Standards	Construct aircraft run-up areas at the ends of Rwy 7R/25L and Rwy 7L/25R - RSAT. Two areas, approx. 13,500 sy each for a total of 27,000 sy.	\$100,000	\$100,000	\$3,800,000	\$4,000,000
2012	Runways:Extend Runway- Capacity	Relocate landing thresholds to pavement ends on Rwy 7R/25L. Extend Rwy thresholds approx. 900 ft on both 7R and 25L.	\$56,950	\$56,950	\$2,164,100	\$2,278,000
2013	Taxiways:Construct Taxiway [includes relocation]	Relocate and construct Twy A and run-up area approx. 100 ft north of current location. Twy A is approx. 6,750 ft x 40 ft (30,425 sy). Run-up area is approx. 13,500 sy.	\$215,600	\$215,600	\$8,192,800	\$8,624,000
2014	Runways:Rehabilitate Runway - Reconstruct	Reconstruct, extend and widen Rwy 7L/25R (currently 4,500 ft x 75 ft will be extended to 6,080 ft x 100 ft).	\$540,000	\$540,000	\$20,520,000	\$21,600,000
2014	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Master Plan update.	\$8,750	\$8,750	\$332,500	\$350,000
2014	Apron:Rehabilitate Apron - Reconstruction	Reconstruct north ramp (approx. 241,331 sy).	\$287,400	\$287,400	\$10,921,200	\$11,496,000
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TC08 Section 1).	\$17,939	\$1,993	\$0	\$19,932
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TC01 Section 1).	\$11,776	\$1,308	\$0	\$13,084
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TC02 Section 1).	\$13,005	\$1,445	\$0	\$14,450
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TC07 Section 1).	\$17,835	\$1,982	\$0	\$19,817
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TC Section 4).	\$69,876	\$7,764	\$0	\$77,640
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TC Section 3).	\$249,192	\$27,688	\$0	\$276,880
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TC Section 2).	\$4,237	\$471	\$0	\$4,708
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TC09 Section 1).	\$17,939	\$1,993	\$0	\$19,932
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TC Section 1).	\$54,836	\$6,093	\$0	\$60,929
2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TC10 Section 1).	\$19,047	\$2,116	\$0	\$21,163
2015	Runways:Rehabilitate Runway - Reconstruct	Reconstruct Rwy 7R/25L (approx. 8,200 ft x 100 ft).	\$100,000	\$100,000	\$3,800,000	\$4,000,000
2016	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TC11 Section 1).	\$11,776	\$1,308	\$0	\$13,084
2016	Ground Transportation: Access Road Reconstruct	Perimeter access road reconstruction (approx. 18,760 sy).	\$1,800,000	\$200,000	\$0	\$2,000,000
2016	Apron:Construct Apron - Capacity	Constr. north public ramp (approx. 94,810 sy) - Ph. 1.	\$101,100	\$101,100	\$3,841,800	\$4,044,000
<b>Airport Total:</b>			<b>\$3,943,069</b>	<b>\$1,691,274</b>	<b>\$53,572,400</b>	<b>\$59,206,741</b>

## Airport Projects - By Airport

### Airport Name

FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>PHOENIX GOODYEAR</b>						
2012	Taxiways:<Extend/Widen/Strengthen> Taxiway - Standards	Replace Twy A4 (25 ft) with two acute angle Twys - Ph. 2.	\$52,500	\$52,500	\$1,995,000	\$2,100,000
2012	Taxiways:Rehabilitate Taxiway Lighting - Reconstruct	Airfield markings and lighting modifications.	\$25,000	\$25,000	\$950,000	\$1,000,000
2013	Other:Environmental Mitigation	Modify and mitigate reinforced vaults.	\$8,750	\$8,750	\$332,500	\$350,000
2013	Apron:Rehabilitate Apron - Reconstruction	Rehabilitate south ramp (approx. 44,797 sy).	\$16,250	\$16,250	\$617,500	\$650,000
2014	APMS - Runway Pavement Preservation	Airport-Wide PCC Preservation.	\$270,000	\$30,000	\$0	\$300,000
2014	Land:Acquire miscellaneous land {describe, e.g., land for outer marker, relocate road}	RPZ land acquisition compliance (approx. 63 acres).	\$323,750	\$323,750	\$12,302,500	\$12,950,000
2014	Taxiways:Construct Taxiway - Capacity	Design and construction of west parallel Twy B and exits (approx. 118,660 sy). Twy is 8,500 ft x 75 ft - Ph. 1.	\$78,625	\$78,625	\$2,987,750	\$3,145,000
2014	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Master Plan update.	\$8,750	\$8,750	\$332,500	\$350,000
2014	Taxiways:<Extend/Widen/Strengthen> Taxiway - Standards	Twy A rehabilitation and strengthening (approx. 6,000 ft x 75 ft).	\$62,500	\$62,500	\$2,375,000	\$2,500,000
2015	Runways:Rehabilitate Runway - Reconstruct	Rehabilitate Rwy 3/21 in asphalt (8,500 ft x 150 ft).	\$173,880	\$173,880	\$6,607,440	\$6,955,200
2015	Taxiways:Construct Taxiway - Capacity	Construct west parallel Twy B and exits (approx. 118,600 sy). Twy is 8,500 ft x 75 ft. - Ph. 2.	\$166,300	\$166,300	\$6,319,400	\$6,652,000
2015	Runways:<Construct/Extend/Improve> Runway Safety Area [Non-Primary Airports] - Standards	Shift Rwy 3/21 300 ft to the southwest providing RSA standards on both ends.	\$52,125	\$52,125	\$1,980,750	\$2,085,000
2016	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Capacity	Reconstruct public access road from Litchfield Road to the terminal building complex (approx. 2,700 ft x 24 ft).	\$100,000	\$100,000	\$3,800,000	\$4,000,000
2016	Taxiways:Construct Taxiway - Capacity	Construct west parallel Twy B and exits (approx. 118,660 sy). Twy is 8,500 ft x 75 ft - Ph. 3.	\$166,300	\$166,300	\$6,319,400	\$6,652,000
<b>Airport Total:</b>			<b>\$1,504,730</b>	<b>\$1,264,730</b>	<b>\$46,919,740</b>	<b>\$49,689,200</b>
<b>PHOENIX SKY HARBOR INTL</b>						
2012	Apron: Apron Reconstruct	Reconstruct transition aprons (north aprons - 4,113 sy, south apron - 11,665 sy) - Ph. 1.	\$1,800,000	\$200,000	\$0	\$2,000,000
2012	Other:Improve Airport <Drainage/Erosion Control/miscellaneous improvements> - Standards	Upgrade 100 existing airfield lighting utility access point covers and grading to prevent storm water runoff at utility vaults. This will allow water to divert appropriately to the storm water catch basins.	\$398,000	\$398,000	\$2,388,000	\$3,184,000
2012	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruct connecting Twy B8 (approx. 10,751 sy).	\$500,000	\$500,000	\$3,000,000	\$4,000,000
2012	Public Buildings:Noise Mitigation measures for public buildings within 65 - 69 DNL	Sound mitigation of properties within the 65-75 DNL contour, as identified in the FAR Part 150.	\$2,000,000	\$2,000,000	\$12,000,000	\$16,000,000
2013	Apron: Apron Reconstruct	Reconstruct transition aprons (5,900 sy) - Ph. 2.	\$405,000	\$45,000	\$0	\$450,000
2013	Public Buildings:Noise Mitigation measures for public buildings within 65 - 69 DNL	Sound mitigation of properties within the 65-75 DNL contour, as identified in the FAR Part 150.	\$2,000,000	\$2,000,000	\$12,000,000	\$16,000,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>PHOENIX SKY HARBOR INTL (continued)</b>						
2013	Apron:Rehabilitate Apron - Reconstruction	Reconstruct Terminal 3 inner apron north ramp (approx. 96,000 sy).	\$1,250,000	\$1,250,000	\$7,500,000	\$10,000,000
2013	Apron:Rehabilitate Apron - Reconstruction	Reconstruct west air cargo apron (approx. 102,933 sy) - Ph. 2.	\$831,722	\$831,722	\$4,990,332	\$6,653,776
2013	Apron:Rehabilitate Apron - Reconstruction	Reconstruct Terminal 4 apron (approx. 341,000 sy) to address required maintenance and aircraft safety - Ph.1.	\$1,406,250	\$1,406,250	\$8,437,500	\$11,250,000
2014	Apron: Apron Reconstruct	Reconstruct transition aprons (23,880 sy) - Ph. 3.	\$1,749,600	\$194,400	\$0	\$1,944,000
2014	Public Buildings:Noise Mitigation measures for public buildings within 65 - 69 DNL	Sound mitigation of properties within the 65-75 DNL contour, as identified in the FAR Part 150.	\$2,000,000	\$2,000,000	\$12,000,000	\$16,000,000
2014	Apron:Rehabilitate Apron - Reconstruction	Reconstruct Terminal 3 inner apron south ramp (approx. 53,000 sy).	\$1,250,000	\$1,250,000	\$7,500,000	\$10,000,000
2014	Apron:Rehabilitate Apron - Reconstruction	Reconstruct Terminal 4 apron (approx. 341,000 sy) to address required maintenance and aircraft safety - Ph.2.	\$1,406,250	\$1,406,250	\$8,437,500	\$11,250,000
2015	Apron:Rehabilitate Apron - Reconstruction	Reconstruct Terminal 4 apron (approx. 341,000 sy) to address required maintenance and aircraft safety - Ph. 3.	\$1,406,250	\$1,406,250	\$8,437,500	\$11,250,000
2015	Public Buildings:Noise Mitigation measures for public buildings within 65 - 69 DNL	Sound mitigation of properties within the 65-75 DNL contour, as identified in the FAR Part 150.	\$2,000,000	\$2,000,000	\$12,000,000	\$16,000,000
2016	Apron:Rehabilitate Apron - Reconstruction	Reconstruct Terminal 4 apron (approx. 341,000 sy) to address required maintenance and aircraft safety - Ph. 4.	\$1,406,250	\$1,406,250	\$8,437,500	\$11,250,000
2016	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruct Twy A (approx. 71,000 sy) in asphalt and install new electrical airfield lighting - Ph. 2.	\$1,509,792	\$1,509,792	\$9,058,751	\$12,078,334
2016	Public Buildings:Noise Mitigation measures for public buildings within 65 - 69 DNL	Sound mitigation of properties within the 65-75 DNL contour, as identified in the FAR Part 150.	\$2,000,000	\$2,000,000	\$12,000,000	\$16,000,000
<b>Airport Total:</b>			<b>\$25,319,114</b>	<b>\$21,803,914</b>	<b>\$128,187,083</b>	<b>\$175,310,110</b>
<b>PHOENIX-MESA GATEWAY</b>						
2012	Apron: Apron Construct	Const compass rose with PCCP to accommodate Group II aircraft. Requires isolation from electronic interference - FAA criteria.	\$759,762	\$84,418	\$0	\$844,180
2012	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Conduct a wildlife hazard assessment of airfield.	\$2,500	\$2,500	\$95,000	\$100,000
2012	Terminal Development:Expand Terminal Building - Capacity	Design west terminal expansion Ph. 3 - Increase existing 95,000 sf of terminal space by 25,000 sf including associated landside auto access and parking improvements. (MAP project request).	\$27,500	\$27,500	\$1,045,000	\$1,100,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>PHOENIX-MESA GATEWAY (continued)</b>						
2012	Terminal Development:Expand Terminal Building - Capacity	Construct west terminal expansion Ph. 2 - Increase existing 54,000 sf of terminal space by 30,475 sf incl. a 5,237 sf baggage claim pavilion, associated auto access & parking improvements. MAP request.	\$307,500	\$307,500	\$11,685,000	\$12,300,000
2012	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruct Twy P 17,000 sy PCCP & 8,000 sy PCCP adjacent to Rwy 30C for aircraft holding area with 16,000 sy ACP for shoulders, including lighting & drainage.	\$154,650	\$154,650	\$5,876,700	\$6,186,000
2012	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Design/construct a 100,000 gallon expansion to existing 150,000 gallon Jet-A fuel farm & rehabilitate fuel farm pavements. This is a MAP project request.	\$62,800	\$62,800	\$2,386,400	\$2,512,000
2012	Taxiways:Extend Taxiway - Capacity	Twy L const Ph. 2 from Twy A to So. tract incl. Twy A to allow for radius connections, 21,700 sy PCCP with 8,000 sy ACP for shoulders, incl. lighting & drainage.	\$152,712	\$152,712	\$5,803,047	\$6,108,470
2012	Taxiways:Rehabilitate Taxiway - Reconstruct	Design/reconst Twy V Ph. 1 between aircraft apron & Twy A, 12,500 sy PCCP and 8,000 sy ACP for shoulders including lighting & drainage.	\$75,000	\$75,000	\$2,850,000	\$3,000,000
2012	Apron:Construct Apron - Capacity	Construct alpha apron 27,144 sy PCCP (lighting and drainage included) Ph. 3.	\$125,000	\$125,000	\$4,750,000	\$5,000,000
2012	Planning:Conduct Noise Compatibility Plan study/update	Update existing Part 150 Study required due to changes in activity at airport.	\$14,375	\$14,375	\$546,250	\$575,000
2012	Other:<Construct/Rehabilitate> Parking Lot [non revenue producing-non hub/MAP] - Other	Design/Construct North Area Terminal Parking Expansion Ph. 3 to complete 5,000 parking space lot. Approx. 2,700 additional spaces needed to accommodate increased passenger traffic. MAP request.	\$148,354	\$148,354	\$5,637,446	\$5,934,154
2013	APMS - Runway Pavement Preservation	Airport-Wide PCC Preservation.	\$343,928	\$38,214	\$0	\$382,142
2013	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWKWG Section 30).	\$50,248	\$5,583	\$0	\$55,831
2013	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWKWG Section 20).	\$24,416	\$2,713	\$0	\$27,129
2013	Apron: Apron Reconstruct	Design sections of north apron to be reconstructed, 87,000 sy PCCP.	\$720,000	\$80,000	\$0	\$800,000
2013	Runways: Runway Reconstruct	Design/reconst Rwy drainage improvements on airfield area between Rwys 12R/30L & 12C/30C south of Twy K (600 ft x 650 ft).	\$1,089,000	\$121,000	\$0	\$1,210,000
2013	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Building - Standards	Rehab ATCT (will be conducting a feasibility study prior to design/construction to determine needs).	\$9,750	\$9,750	\$370,500	\$390,000
2013	Taxiways:Rehabilitate Taxiway - Reconstruct	Design/Reconst Twy H between Twy B & Rwy 12R. 3,500 sy PCCP plus 3,000 sy AC for shoulders (incl. lighting and drainage).	\$50,000	\$50,000	\$1,900,000	\$2,000,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>PHOENIX-MESA GATEWAY (continued)</b>						
2013	Runways:<Construct/Extend/Improve> Runway Safety Area [Primary Airports] - Safety/Security	Reconst Rwy 30L 1,000 ft threshold approach to Rwy 30L. 17,000 sy PCCP & 8,000 sy ACP for shoulders (incl. lighting & drainage).	\$132,000	\$132,000	\$5,016,000	\$5,280,000
2013	Runways:<Construct/Extend/Improve> Runway Safety Area [Primary Airports] - Safety/Security	Reconstruct Rwy 12R 1,000 ft threshold, 17,000 sy PCCP & 8,000 sy ACP for shoulders (includes lighting & drainage).	\$132,000	\$132,000	\$5,016,000	\$5,280,000
2013	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Complete EA/EIS for new terminal, fuel farm, roads, archeological areas, drainage, etc.	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2013	Planning:<Construct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	ASR relocation site study for design/construct of ASR pending site selection for east side terminal.	\$8,250	\$8,250	\$313,500	\$330,000
2013	Taxiways:Rehabilitate Taxiway - Reconstruct	Design/reconst Twy G at Twy B hammerhead adjacent to Rwy 12R to Twy Y. 10,000 sy PCCP plus 7,000 sy for shoulders (incl. lighting & drainage).	\$113,500	\$113,500	\$4,313,000	\$4,540,000
2014	Apron: Apron Reconstruct	Design aircraft run-up area (320 lf x 260 lf) to accommodate Group III aircraft for engine maintenance runs. May include jet blast or other safety & sound suppression. Location still to be decided.	\$315,000	\$35,000	\$0	\$350,000
2014	Taxiways: Taxiway Reconstruct	Reconstruct Twy V Ph. 2 between B & A (intersection west on V). 100 ft x 800 ft (9,000 sy PCCP), including 35 ft x 800 ft shoulders (6,250 sy AC ) including drainage & lighting.	\$1,056,546	\$117,394	\$0	\$1,173,940
2014	Apron:Construct Apron - Capacity	Design/reconstruct relocation of ASR pending site for east side terminal.	\$49,376	\$49,376	\$1,876,298	\$1,975,050
2014	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruct Twy K between Rwy 12R & 12C. 17,000 sy PCCP with 8,000 sy ACP for shoulders, incl. lighting & drainage.	\$132,500	\$132,500	\$5,035,000	\$5,300,000
2014	Apron:Construct Apron - Standards	Reconstruct/rehabilitate sections of north apron 87,000 sy PCCP.	\$203,275	\$203,275	\$7,724,450	\$8,131,000
2014	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Building - Standards	Rehab ATCT (will be conducting a feasibility study prior to design/construction to determine needs).	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2014	Terminal Development:Construct Terminal Building - Capacity	Terminal building expansion Ph. 3 will consist of 25,000 sf facility attached to west terminal expansion Ph. 2 & associated landside auto access & parking improvements.	\$250,000	\$250,000	\$9,500,000	\$10,000,000
2014	Apron:Construct Apron - Capacity	Design through const. docs. - apron, utilities, & roadways for east side terminal area incl. drainage (630 Acres).	\$170,500	\$170,500	\$6,479,000	\$6,820,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>PHOENIX-MESA GATEWAY (continued)</b>						
2015	Runways: Runway Reconstruct	Reconstruct Rwy 12C approach Ph. 1 from 1,000 ft to 4,000 ft. 50,000 sy PCCP to approach end of Rwy 12C, 24,000 sy ACP for shoulders, includes lighting & drainage.	\$360,000	\$40,000	\$0	\$400,000
2015	Taxiways: Rehabilitate Taxiway - Reconstruct	Construction of Twy A between Twy N & Twy L 22,000 sy PCCP & 20,500 sy ACP for shoulders includes lighting & drainage.	\$98,750	\$98,750	\$3,752,500	\$3,950,000
2015	Runways: Rehabilitate Runway - Reconstruct	Design/reconstruct Rwy 30C 1,000 ft threshold 17,000 sy PCCP and 8,000 sy asphalt for shoulders includes lighting & drainage.	\$120,000	\$120,000	\$4,560,000	\$4,800,000
2015	Taxiways: Extend Taxiway - Capacity	Construct Twy C from Twy J to Twy L extension. 37,500 sy PCCP & 35,000 sy ACP for shoulders, includes lighting & drainage.	\$425,000	\$425,000	\$16,150,000	\$17,000,000
2015	Apron: Rehabilitate Apron - Reconstruction	Construct aircraft run-up area (320 lf x 260 lf) to accommodate Group III aircraft for engine maintenance runs. May include jet blast or other safety & sound suppression.	\$90,625	\$90,625	\$3,443,750	\$3,625,000
2016	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW12C30CWG Section 20).	\$1,019,293	\$113,255	\$0	\$1,132,548
2016	Apron: Apron Reconstruct	Reconstruct 6 in. PCCP ramp area in front of hangars 31 and 32 with 15-1/2 in. (3,260 sy) per 1998 PMP.	\$1,080,000	\$120,000	\$0	\$1,200,000
2016	Apron: Construct Apron - Capacity	Construct 82,200 sy of apron for east side passenger terminal.	\$448,800	\$448,800	\$17,054,400	\$17,952,000
2016	Ground Transportation: <Construct/Expand/Improve/Modify/Rehabilitate> Service Road - Other	Airfield access road rehab 4 in. of Asphalt over 10 in. ABC for 29,400 sy of roadway between Rwy 12C/30C and 12L/30R.	\$37,125	\$37,125	\$1,410,750	\$1,485,000
2016	Taxiways: Rehabilitate Taxiway - Reconstruct	Construct Twy T storm drain & drainage improvements (2,500 lf of 18 in. & 54 in. pipeline).	\$87,500	\$87,500	\$3,325,000	\$3,500,000
<b>Airport Total:</b>			<b>\$10,522,535</b>	<b>\$4,461,919</b>	<b>\$140,764,991</b>	<b>\$155,749,444</b>
<b>POLACCA</b>						
2012	Buildings: <Construct/Expand/Imp/Modify/Rehabilitate> <Snow Removal Equipment/Chemical Storage Building/etc.> - Standards	Construct SRE building 40 ft x 50 ft.	\$0	\$17,500	\$332,500	\$350,000
2013	Apron: Construct Apron - Standards	Construct apron 11,513 sy - Ph. 1 grading and drainage.	\$0	\$20,000	\$380,000	\$400,000
2013	Runways: Construct Runway [includes relocation] - Standards	Construct Rwy 5,000 ft x 75 ft Ph. 1: grading and drainage.	\$0	\$155,000	\$2,945,000	\$3,100,000
2014	Runways: Construct Runway [includes relocation] - Standards	Construct Rwy 5,000 ft x 75 ft Ph. 2: Paving.	\$0	\$150,000	\$2,850,000	\$3,000,000

## Airport Projects - By Airport

### Airport Name

FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>POLACCA (continued)</b>						
2014	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO or CL) - Standards	Install Rwy lighting including visual aids.	\$0	\$32,500	\$617,500	\$650,000
2014	Apron:Construct Apron - Standards	Construct apron 11,513 sy - Ph. 2 Paving.	\$0	\$43,750	\$831,250	\$875,000
2015	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Install perimeter fencing approx 15,300 lf and associated gates.	\$0	\$7,500	\$142,500	\$150,000
2016	Equipment:Install Weather Reporting Equipment {describe, e.g., AWOS } - Standards	Install AWOS III.	\$0	\$7,500	\$142,500	\$150,000
<b>Airport Total:</b>			<b>\$0</b>	<b>\$433,750</b>	<b>\$8,241,250</b>	<b>\$8,675,000</b>
<b>ROLLE AIRFIELD</b>						
2012	Runways: Runway Reconstruct	Design rehabilitation of Rwy 17/35, 60 ft x 2,800 ft, approx. 20,000 sy.	\$237,500	\$12,500	\$0	\$250,000
2015	Other: Fencing (Perimeter) Install	Upgrade existing 4 ft chicken wire fence around perimeter to standard FAA specified chainlink fence topped with three strands of barbed wire. Approx 25,000 ft.	\$237,500	\$12,500	\$0	\$250,000
2016	Runways: MIRL/HIRL Install	Design airside electrical vault.	\$237,500	\$12,500	\$0	\$250,000
<b>Airport Total:</b>			<b>\$712,500</b>	<b>\$37,500</b>	<b>\$0</b>	<b>\$750,000</b>
<b>RYAN FIELD</b>						
2012	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Install chain link security fencing (approx. 13,200 lf), 18 ft paved service road (approx. 33,600 sy), striping, signage, gates (4) & plunge basins.	\$108,098	\$108,098	\$4,107,738	\$4,323,935
2013	APMS - Runway Pavement Preservation	This Asphalt Overlay/PFC (RW6R24LRY Section 10).	\$429,619	\$47,735	\$0	\$477,354
2013	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC TWTTRY Section 10).	\$123,434	\$13,715	\$0	\$137,149
2013	Other:Improve Airport <Drainage/Erosion Control/miscellaneous improvements> - Standards	Construct an earth dike (approx. 3,500 lf) & adjacent drainage channel in accordance with FEMA standards.	\$60,741	\$60,741	\$2,308,160	\$2,429,642
2013	Equipment:Acquire Equipment (e.g., Sweepers, etc.) - Standards	Purchase new re-circulating airside pavement sweeper.	\$4,548	\$4,548	\$172,816	\$181,912
2014	Other:Improve Airport <Drainage/Erosion Control/miscellaneous improvements> - Standards	Airfield drainage improvements (drainage piping, extensions of existing piping, structures, grading & appurtenances [Study & FEMA Letter of Map Revision currently underway]).	\$50,000	\$50,000	\$1,900,000	\$2,000,000
2015	Apron: Apron Construct	Construct apron north of Airfield Drive (approx. 39,700 yds) Ph. 2.	\$1,800,000	\$200,000	\$0	\$2,000,000
2015	Apron:Construct Apron - Capacity	Construct apron north of Airfield Drive (approx. 39,700 yds), Includes waterline north of Airfield Drive Ph. 1.	\$50,000	\$50,000	\$1,900,000	\$2,000,000
2016	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWDRY Section 20).	\$198,968	\$22,108	\$0	\$221,076
2016	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWBRY Section 20).	\$364,830	\$40,537	\$0	\$405,367

## Airport Projects - By Airport

Airport Name	FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>RYAN FIELD (continued)</b>							
	2016	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Update 2010 Master Plan (forecasts, development alternatives & financial plans included). Includes a strategic plan & security assessment.	\$10,000	\$10,000	\$380,000	\$400,000
<b>Airport Total:</b>				<b>\$3,200,238</b>	<b>\$607,482</b>	<b>\$10,768,714</b>	<b>\$14,576,435</b>
<b>SAFFORD REGIONAL</b>							
	2013	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWESF Section 10).	\$35,469	\$3,941	\$0	\$39,410
	2013	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWASF Section 10).	\$247,766	\$27,530	\$0	\$275,296
	2013	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWCSF Section 10).	\$61,628	\$6,848	\$0	\$68,475
	2013	Terminal Development:Construct Terminal Building - Capacity	Construct new terminal building & parking lot reconstruction/expansion.	\$7,500	\$7,500	\$285,000	\$300,000
	2013	Planning:<Conduct/Update> (e.g., Pavement Maintenance Plan, PCI, NPDES, etc.)	Pavement maintenance study/program/plan.	\$3,750	\$3,750	\$142,500	\$150,000
	2013	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruct parallel Twys A & B & connectors (approx. 6,000 ft x 35 ft).	\$30,000	\$30,000	\$1,140,000	\$1,200,000
	2014	Apron: Apron Reconstruct	Reconstruct existing aircraft parking apron (approx. 48,000 sy) - design only.	\$225,000	\$25,000	\$0	\$250,000
	2014	Terminal Development:Construct Terminal Building - Capacity	Construct new terminal building & parking lot reconstruction/expansion.	\$43,750	\$43,750	\$1,662,500	\$1,750,000
	2015	Runways: MIRL/HIRL Upgrade/Modification	Rehabilitation of Rwy 12/30 edge lighting system, electrical vault, and airfield signage - design only.	\$225,000	\$25,000	\$0	\$250,000
	2015	Apron:Rehabilitate Apron - Reconstruction	Recon. extg. aircraft parking apron (approx. 48,000 sy).	\$43,750	\$43,750	\$1,662,500	\$1,750,000
	2016	APMS - Runway Pavement Preservation	Mill & Replace PFC (RW826SF Section 10).	\$675,869	\$75,097	\$0	\$750,965
	2016	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO or CL) - Standards	Rehabilitate Rwy 12/30 edge lighting, electrical vault, and airfield signage.	\$22,500	\$22,500	\$855,000	\$900,000
	2016	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Conduct EA for acquisition/easements of Rwy 12/30 RPZs and RSAs.	\$5,000	\$5,000	\$190,000	\$200,000
<b>Airport Total:</b>				<b>\$1,626,982</b>	<b>\$319,666</b>	<b>\$5,937,500</b>	<b>\$7,884,146</b>
<b>SAN CARLOS APACHE</b>							
	2013	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Construct fuel farm for JET A and AvGas directly to the east of the existing west tie down ramp.	\$0	\$7,500	\$142,500	\$150,000
	2014	Apron:Install Apron Lighting - Standards	Install security and area lighting around the apron.	\$0	\$5,000	\$95,000	\$100,000
	2015	Runways:Rehabilitate Runway - Reconstruct	Crack seal, fog seal, and remark airfield pavement.	\$0	\$25,000	\$475,000	\$500,000
	2016	Other:Improve Airport <Drainage/Erosion Control/miscellaneous improvements> - Standards	Grading and drainage mitigation on the south side of the Rwy to allow drainage into the wash.	\$0	\$7,500	\$142,500	\$150,000
<b>Airport Total:</b>				<b>\$0</b>	<b>\$45,000</b>	<b>\$855,000</b>	<b>\$900,000</b>

## Airport Projects - By Airport

<b>Airport Name</b>						
<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>SAN MANUEL</b>						
2012	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO or CL) - Standards	Install Rwy lighting approx. 4,214 lf, wind cone, and beacon design only.	\$1,750	\$1,750	\$66,500	\$70,000
2013	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO or CL) - Standards	Install Rwy lighting (approx. 4,714 lf), windcone, and beacon.	\$17,500	\$17,500	\$665,000	\$700,000
2013	Runways:Install Runway <vertical/visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Install visual aids.	\$8,750	\$8,750	\$332,500	\$350,000
2014	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW1129SM Section 10).	\$350,483	\$38,943	\$0	\$389,426
2014	Other:<Light/Mark/Remove> Obstructions - Standards	Obstruction survey for instrument approach.	\$2,500	\$2,500	\$95,000	\$100,000
2014	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Airport Master Plan update.	\$3,750	\$3,750	\$142,500	\$150,000
2015	Taxiways:Construct Taxiway - Capacity	Construct 3 taxilanes 200 ft x 35 ft north of parallel Twy A.	\$12,500	\$12,500	\$475,000	\$500,000
2016	Apron:Rehabilitate Apron - Reconstruction	Crack seal, fog seal, and remark apron.	\$6,250	\$6,250	\$237,500	\$250,000
<b>Airport Total:</b>			<b>\$403,483</b>	<b>\$91,943</b>	<b>\$2,014,000</b>	<b>\$2,509,426</b>
<b>SCOTTSDALE</b>						
2012	Apron: Apron Reconstruct	Reconstruct the large aircraft parking apron (Project 12-1), 1,420 ft x 420 ft (65,000 sy).	\$2,070,000	\$230,000	\$0	\$2,300,000
2012	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruct the terminal apron taxilane (35 ft x 500 ft) - 2,100 sy.	\$62,500	\$62,500	\$2,375,000	\$2,500,000
2012	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Prepare a new Airport Master Plan. The Master Plan will address airport design standards, redevelopment of specific areas on the airport, and sustainability policies for the airport.	\$11,250	\$11,250	\$427,500	\$450,000
2012	Apron:Rehabilitate Apron - Reconstruction	Reconstruct the large aircraft parking apron (approx. 1,420 ft x 420 ft), (65,000 sy), located on the west side of the airfield near the Landmark Aviation (south and north) facility.	\$131,579	\$131,579	\$5,000,000	\$5,263,158
2012	Runways:<Construct/Extend/Improve> Runway Safety Area [Non-Primary Airports] - Standards	Install concrete pads or other similar material in the airport's retention basin. This area collects large amounts of storm water and the native soil is suseptible to rutting.	\$6,750	\$6,750	\$256,500	\$270,000
2013	Taxiways: Taxiway Reconstruct	Reconstruct parallel Twy A (Project 13-1), 14,600 ft x 40 ft (65,000 sy).	\$1,643,650	\$556,350	\$0	\$2,200,000
2013	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruction of parallel Twy A and exits (14,600 ft x 40 ft), approx. 88,000 sy (including shoulders and new MITL).	\$225,000	\$225,000	\$8,550,000	\$9,000,000

## Airport Projects - By Airport

<b>Airport Name</b>						
<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>SCOTTSDALE (continued)</b>						
2013	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Prepare an EA for a 10 acre parcel of land on the east side of the Airport needed to provide additional airport capacity (APN 215-56-226 & 215-56-227).	\$6,250	\$6,250	\$237,500	\$250,000
2014	Apron: Apron Reconstruct	Reconstruct the Delta aircraft parking apron (Project 14-1), 840 ft x 400 ft (37,300 sy).	\$2,070,000	\$230,000	\$0	\$2,300,000
2014	Apron:Rehabilitate Apron - Reconstruction	Reconstruct the Delta aircraft parking apron (approx. 840 ft x 400 ft), 37,300 sy, located on the west side of the airfield at the south end of the airport.	\$75,000	\$75,000	\$2,850,000	\$3,000,000
2014	Land:Acquire <land/easement> for development/relocation	Partial reimbursement for a 10 acre parcel of land on the east side of the Airport needed to provide additional airport capacity (APN 215-56-226 & 215-56-227).	\$75,000	\$75,000	\$2,850,000	\$3,000,000
2015	Runways: Runway Structural Upgrade	Strengthen Rwy 3/21 (Project 15-1), 8,250 ft x 100 ft (110,000 sy).	\$1,980,000	\$220,000	\$0	\$2,200,000
2015	Runways:<Extend/Widen/Strengthen> Runway [to meet standards] - Standards	Strengthen Runway 3/21 to 100,000 pounds DWL (8,250 ft x 100 ft) - 110,000 sy. The project also includes improving the runway shoulders.	\$150,000	\$150,000	\$5,700,000	\$6,000,000
2015	Land:Acquire <land/easement> for development/relocation	Partial reimbursement for a 10 acre parcel of land on the east side of the Airport needed to provide additional airport capacity (APN 215-56-226 & 215-56-227).	\$75,000	\$75,000	\$2,850,000	\$3,000,000
2016	APMS - Apron Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (A01SC Section 30).	\$129,970	\$14,441	\$0	\$144,411
2016	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWCSC Section 10).	\$38,005	\$4,223	\$0	\$42,228
2016	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWASC Section 10).	\$183,086	\$20,343	\$0	\$203,429
2016	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWBSC Section 10).	\$157,649	\$17,517	\$0	\$175,166
2016	Taxiways: Taxiway Reconstruct	Overlay the pavement on parallel Twy B (Project 16-1), 12,000 ft x 40 ft (79,000 sy).	\$1,350,000	\$150,000	\$0	\$1,500,000
2016	Land:Acquire <land/easement> for development/relocation	Partial reimbursement for a 10 acre parcel of land on the east side of the Airport needed to provide additional airport capacity (APN 215-56-226 & 215-56-227).	\$75,000	\$75,000	\$2,850,000	\$3,000,000
2016	Taxiways:Rehabilitate Taxiway Lighting - Reconstruct	Overlay parallel Twy B and exits (12,000 ft x 40 ft)- approx. 79,000 sy (including shoulders).	\$37,500	\$37,500	\$1,425,000	\$1,500,000
2016	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruct Twy C, approx. 800 ft x 40 ft (3,600 sy).	\$8,750	\$8,750	\$332,500	\$350,000
<b>Airport Total:</b>			<b>\$10,561,939</b>	<b>\$2,382,453</b>	<b>\$35,704,000</b>	<b>\$48,648,392</b>
<b>SEDONA</b>						
2012	Runways: Runway Reconstruct	Design grading and drainage improvements between Rwy 3/21 and Twy A.	\$45,000	\$5,000	\$0	\$50,000

## Airport Projects - By Airport

Airport Name	FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>SEDONA (continued)</b>							
	2012	Ground Transportation: <Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Capacity	Design and construct airport entrance road reconstruction (1,550 ft x 20 ft).	\$13,616	\$13,616	\$517,394	\$544,625
	2012	Apron:Construct Apron - Capacity	Construct apron A expansion to the southwest (300 ft x 580 ft) - Ph. 2.	\$38,678	\$38,678	\$1,469,745	\$1,547,100
	2012	Taxiways:Construct Taxiway - Capacity	Construct taxilane B-7 (400 ft x 79 ft) - Ph. 2.	\$7,500	\$7,500	\$285,000	\$300,000
	2013	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWASD Section 10).	\$287,116	\$31,902	\$0	\$319,018
	2013	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWBSD Section 10).	\$24,879	\$2,764	\$0	\$27,643
	2013	Runways: Runway Reconstruct	Construct grading and drainage improvements between Rwy 3/21 and Twy A.	\$406,350	\$45,150	\$0	\$451,500
	2013	Apron:Expand Apron - Capacity	Design apron A expansion to the north (25,000 sy).	\$4,375	\$4,375	\$166,250	\$175,000
	2013	Apron:Rehabilitate Apron - Reconstruction	Reconstruct Apron A (30,000 sy) - Ph. 2.	\$58,497	\$58,497	\$2,222,869	\$2,339,862
	2014	Taxiways: Taxiway Construct	Construct taxilanes B4 (130 ft x 50 ft) and B5 (170 ft x 60 ft) - Ph. 2.	\$389,500	\$43,278	\$0	\$432,778
	2014	Taxiways: Taxiway Construct	Design taxilanes B1 (150 ft x 50 ft), B2 (150 ft x 60 ft), and B3 (200 ft x 50 ft) extensions and hangar pads.	\$40,500	\$4,500	\$0	\$45,000
	2014	Apron:Expand Apron - Capacity	Construct apron A expansion to the north (12,500 sy) - Ph. 2.	\$31,076	\$31,076	\$1,180,902	\$1,243,055
	2015	Buildings: Buildings Construct/relocate	Design air traffic control tower.	\$90,000	\$10,000	\$0	\$100,000
	2015	Buildings: Buildings Construct/relocate	Design ARFF facility (10,000 sf).	\$270,000	\$30,000	\$0	\$300,000
	2015	Buildings: Buildings Construct/relocate	Design wash rack and oil disposal facility.	\$31,500	\$3,500	\$0	\$35,000
	2015	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Building - Standards	Construct hangars along B1, B2, B3, B4, and B5 (43 units).	\$20,000	\$20,000	\$760,000	\$800,000
	2015	Taxiways:Construct Taxiway - Capacity	Construct taxilanes B1 (150 ft x 50 ft), B2 (150 ft x 60 ft), and B3 (200 ft x 50 ft) extension, and hangar pads.	\$8,750	\$8,750	\$332,500	\$350,000
	2015	Apron:Expand Apron - Capacity	Construct apron A expansion to the north (12,500 sy) - Ph. 3.	\$31,076	\$31,076	\$1,180,902	\$1,243,055
	2016	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Building - Standards	Construct ARFF facility (10,000 sf).	\$62,500	\$62,500	\$2,375,000	\$2,500,000
	2016	Ground Transportation: <Construct/Expand/Improve/Modify/Rehabilitate> Service Road - Other	Construct perimeter road (5,500 ft x 20 ft).	\$32,500	\$32,500	\$1,235,000	\$1,300,000
	2016	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Building - Standards	Construct air traffic control tower.	\$45,000	\$45,000	\$1,710,000	\$1,800,000
	2016	Runways:Rehabilitate Runway - Reconstruct	Construct pavement rehab. on Rwy 3/21 and Twy A (84,000 sy).	\$15,000	\$15,000	\$570,000	\$600,000
<b>Airport Total:</b>				<b>\$1,953,413</b>	<b>\$544,662</b>	<b>\$14,005,562</b>	<b>\$16,503,636</b>

## Airport Projects - By Airport

Airport Name	FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>SELIGMAN</b>							
	2014	APMS - Runway Pavement Preservation	Thin Asphalt Overlay/PFC (RW422SG Section 10).	\$396,774	\$44,086	\$0	\$440,860
	2014	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWASG Section 10).	\$229,652	\$25,517	\$0	\$255,169
<b>Airport Total:</b>				<b>\$626,426</b>	<b>\$69,603</b>	<b>\$0</b>	<b>\$696,029</b>
<b>SHOW LOW REGIONAL</b>							
	2012	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for phased work leading to crosswind Rwy and Twy.	\$8,750	\$8,750	\$332,500	\$350,000
	2012	Other:<Light/Mark/Remove> Obstructions [hazard only e.g., approaches] - Safety/Security	Design for remove/relocate 69Kv & 15Kv powerlines west of Rwy 6 (approx. 4,000 lf).	\$12,500	\$12,500	\$475,000	\$500,000
	2012	Other:Construct Deicing Containment Facility	Construct deicing pad terminal apron, 110 ft x 110 ft.	\$7,500	\$7,500	\$285,000	\$300,000
	2013	Other:<Light/Mark/Remove> Obstructions [hazard only e.g., approaches] - Safety/Security	Remove/relocate 69Kv & 15Kv powerlines west of Rwy 6 (approx. 4,000 lf).	\$75,000	\$75,000	\$2,850,000	\$3,000,000
	2013	Runways:Rehabilitate Runway - Reconstruct	Rehabilitate Rwy 06/24, (100 ft x 7,200 ft).	\$50,000	\$50,000	\$1,900,000	\$2,000,000
	2013	Runways:Construct Runway [includes relocation] - Standards	Design Rwy 18/36 (75 ft x 5,500 ft) & Twy D (35 ft x 5,500 ft).	\$10,000	\$10,000	\$380,000	\$400,000
	2013	Buildings:<Construct/Expand/Imp/Modify/Rehabilitate> <Snow Removal Equipment/Chemical Storage Building/etc.> - Standards	Construct south apron aircraft wash facility (70 ft x 70 ft).	\$4,375	\$4,375	\$166,250	\$175,000
	2013	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Draft and implement mitigation and measures recommended by study.	\$7,500	\$7,500	\$285,000	\$300,000
	2013	Apron:Construct Apron - Capacity	Construct apron east of Terminal, Ph. 1, 16,000 sy.	\$33,750	\$33,750	\$1,282,500	\$1,350,000
	2014	Apron:Construct Apron - Capacity	Construct apron east of terminal Ph. 2, (13,000 sy).	\$21,250	\$21,250	\$807,500	\$850,000
	2014	Runways:Construct Runway [includes relocation] - Standards	Construct Rwy 18/36 (75 ft x 5,500 ft) & Twy D (35 ft x 5,500 ft) grading & drainage.	\$62,500	\$62,500	\$2,375,000	\$2,500,000
	2015	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW321SL Section 10).	\$77,373	\$8,597	\$0	\$85,970
	2015	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWASL Section 10).	\$139,934	\$15,548	\$0	\$155,482
	2015	APMS - Taxiway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (TWDSL Section 10).	\$3,300	\$367	\$0	\$3,667
	2015	Runways:Construct Runway [includes relocation] - Standards	Construct Rwy 18/36 (paving & MIRL, 75 ft x 5,500 ft).	\$62,500	\$62,500	\$2,375,000	\$2,500,000
	2016	Taxiways:Construct Taxiway [includes relocation]	Construct Twy D (paving & MITL; 35 ft x 5,500 ft).	\$25,000	\$25,000	\$950,000	\$1,000,000
<b>Airport Total:</b>				<b>\$601,232</b>	<b>\$405,137</b>	<b>\$14,463,750</b>	<b>\$15,470,119</b>
<b>SIERRA VISTA MUNI-LIBBY AAF</b>							
	2012	Taxiways:Install Taxiway Lighting (MITL) [Required by Part 139] - Safety/Security	Construct Twy P signing & lighting - Ph. 1. (install approx. 4,000 lf of required signage & lighting).	\$20,000	\$20,000	\$760,000	\$800,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>SIERRA VISTA MUNI-LIBBY AAF (continued)</b>						
2012	Runways:Install Runway Sensors - Standards	Provide ASOS software upgrades to ATCT to allow compatibility between two existing surface observation sites & one recently installed site.	\$3,750	\$3,750	\$142,500	\$150,000
2013	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA of approx. 4,200 lf x 75 ft wide of Twy J extension project, Ph. 4. Twy J extension project will create a civilian side parallel Twy to main Rwy 08/26.	\$7,500	\$7,500	\$285,000	\$300,000
2013	Equipment:Acquire Equipment (e.g., Sweepers, etc.) - Standards	Purchase sweeper for Rwy & Twy maintenance.	\$7,500	\$7,500	\$285,000	\$300,000
2013	Taxiways:Install Taxiway Lighting (MITL) [Required by Part 139] - Safety/Security	Construct Twy P Signing & Lighting - Ph. 2 (Install approx. 4,000 lf of required signage & lighting).	\$20,000	\$20,000	\$760,000	\$800,000
2014	Taxiways:Construct Taxiway - Capacity	Design approx. 4,200 lf x 75 ft wide of Twy J extension, Ph. 4. Twy J extension project will create a civilian side parallel Twy to main Rwy 08/26.	\$7,500	\$7,500	\$285,000	\$300,000
2014	Taxiways:Install Taxiway Lighting (MITL) [Required by Part 139] - Safety/Security	Construct Twy P signing and lighting - Ph. 3 (install approx. 4,000 lf of required signage and lighting).	\$20,000	\$20,000	\$760,000	\$800,000
2015	Taxiways:Construct Taxiway - Capacity	Construct approx. 4,200 lf x 75 ft of Twy J extension - Ph. 4. The Twy J extension project will create a civilian side parallel Twy to main Rwy 08/26.	\$87,500	\$87,500	\$3,325,000	\$3,500,000
2016	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Building - Standards	Design new air traffic control tower on military side of airport.	\$5,000	\$5,000	\$190,000	\$200,000
2016	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Airport Master Plan update.	\$5,000	\$5,000	\$190,000	\$200,000
<b>Airport Total:</b>			<b>\$183,750</b>	<b>\$183,750</b>	<b>\$6,982,500</b>	<b>\$7,350,000</b>
<b>SPRINGVILLE MUNI</b>						
2012	Land:Acquire <land/easement> for development/relocation	Acquire 2.17 acres of land on the approach end of Rwy 3 to meet FAA RSA standards.	\$2,375	\$2,375	\$90,250	\$95,000
2012	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Conduct an environmental assessment for Springerville Municipal Airport's near-term projects.	\$3,750	\$3,750	\$142,500	\$150,000
2012	Planning:<Conduct/Update> (e.g., Pavement Maintenance Plan, PCI, NPDES, etc.)	Conduct signage study on airport to determine what exists and what is needed to meet FAA standards.	\$250	\$250	\$9,500	\$10,000
2013	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW1129SP Section 10).	\$81,276	\$9,031	\$0	\$90,307
2013	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWBSP Section 10).	\$131,613	\$14,624	\$0	\$146,237
2013	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWASP APMS).	\$346,533	\$38,504	\$0	\$385,037
2013	Runways:<Construct/Extend/Improve> Runway Safety Area [Non-Primary Airports] - Standards	Regrade terrain that currently penetrates the primary surfaces for both Rwy 3/21 and Rwy 11/29.	\$25,000	\$25,000	\$950,000	\$1,000,000
2013	Taxiways:Construct Taxiway [includes relocation]	Relocate Twy A 50 ft to the southeast, install Twy A lighting, and install holding bays on the Rwy 3/21 and 29 ends.	\$103,750	\$103,750	\$3,942,500	\$4,150,000

## Airport Projects - By Airport

<i>Airport Name</i>	<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>SPRINGERVILLE MUNI (continued)</b>							
	2014	Taxiways:<Extend/Widen/Strengthen> Taxiway - Standards	Extend Twy B 35 ft in width from the intersection of Rwy 3/21 to the Rwy 11 end and install a holding bay at the Rwy 11 end of Twy B.	\$25,875	\$25,875	\$983,250	\$1,035,000
	2014	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Relocate existing above-ground fuel farm to the south.	\$13,750	\$13,750	\$522,500	\$550,000
	2014	Apron:Expand/Strengthen Apron - Standards	Design and construct Ph. 1, 56,000 sf, of concrete transient/large aircraft parking apron.	\$32,500	\$32,500	\$1,235,000	\$1,300,000
	2015	Buildings:<Construct/Expand/Imp/Modify/Rehabilitate> <Snow Removal Equipment/Chemical Storage Building/etc.> - Standards	Design and construct a 5,000 sf snow removal equipment building adjacent to the transient/large aircraft apron.	\$30,000	\$30,000	\$1,140,000	\$1,200,000
	2015	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Install perimeter fence along unsecured portions of the airport property line.	\$25,000	\$25,000	\$950,000	\$1,000,000
<b>Airport Total:</b>				<b>\$821,672</b>	<b>\$324,409</b>	<b>\$9,965,500</b>	<b>\$11,111,581</b>
<b>ST JOHNS INDUSTRIAL AIR PARK</b>							
	2012	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWBSJ Section 10).	\$146,706	\$16,301	\$0	\$163,007
	2013	Taxiways:Rehabilitate Taxiway - Reconstruct	Crack seal, fog seal and remark Twy A east of Rwy 3/21 (2,150 ft x 35 ft).	\$5,000	\$5,000	\$190,000	\$200,000
	2013	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for land acquisition for RVZ, Rwy 21 RPZ, and relocation of Twy A.	\$6,250	\$6,250	\$237,500	\$250,000
	2014	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW1432SJ Section 10).	\$120,518	\$13,391	\$0	\$133,909
	2014	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW321SJ Section 10).	\$60,536	\$6,726	\$0	\$67,262
	2014	Taxiways: Taxiway Construct	Design Twy A east of Rwy 3/21 ( 2,150 ft x 35 ft).	\$72,000	\$8,000	\$0	\$80,000
	2014	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Airport Master Plan.	\$3,750	\$3,750	\$142,500	\$150,000
	2014	Finance:Financing Costs - Other	Reimburse the city for land allocated previously for airport use.	\$1,000	\$1,000	\$38,000	\$40,000
	2015	Taxiways:Construct Taxiway [includes relocation]	Construct Twy A - East of Rwy 3/21 (2,150 ft x 35 ft).	\$25,000	\$25,000	\$950,000	\$1,000,000
	2016	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for extension of Rwy 14 ( 1,700 ft x 75 ft).	\$6,250	\$6,250	\$237,500	\$250,000
<b>Airport Total:</b>				<b>\$447,010</b>	<b>\$91,668</b>	<b>\$1,795,500</b>	<b>\$2,334,178</b>
<b>TAYLOR</b>							
	2013	Apron:Construct Apron - Standards	Reconfigure Apron (300 ft x 400 ft) adjacent to the east of the existing apron.	\$46,250	\$46,250	\$1,757,500	\$1,850,000
	2014	APMS - Apron Pavement Preservation	Thin Asphalt Overlay/PFC (A01TA Section 10).	\$146,858	\$16,318	\$0	\$163,176
	2014	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWATA Section 10).	\$105,075	\$11,675	\$0	\$116,750

## Airport Projects - By Airport

Airport Name	FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>TAYLOR (continued)</b>							
	2014	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Relocate the fuel farm to the apron northeast of the terminal. Add Jet A to the fuel farm and install new self-serve tanks for both Avgas and Jet A with electronic card readers.	\$8,750	\$8,750	\$332,500	\$350,000
	2015	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Construct a portion of perimeter fence (3,500 lf) north of Rwy 21 out to the 35 ft building restriction line to incorporate land that was recently acquired.	\$2,250	\$2,250	\$85,500	\$90,000
	2015	Land:Acquire <land/easement> for development/relocation	Acquire Land for RPZ: Parcel #4 (013C), 4.31 acres.	\$1,875	\$1,875	\$71,250	\$75,000
	2016	Apron:Construct Apron - Standards	Construct blast pad (150 ft x 75 ft) on the approach end of Rwy 3.	\$3,000	\$3,000	\$114,000	\$120,000
	2016	Runways:Rehabilitate Runway <Lighting/Electrical Vault>	Install new Rwy 3/21 edge lights, REILs, PAPIs, threshold lights, distance to go signs, rotating beacon, and vault.	\$12,500	\$12,500	\$475,000	\$500,000
	2016	Other:<Light/Mark/Remove> Obstructions - Standards	Remove trees in the terminal area.	\$500	\$500	\$19,000	\$20,000
	2016	Runways:Install Runway <vertical/visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Install PAPIs and other visual aids on Rwy 3/21.	\$7,500	\$7,500	\$285,000	\$300,000
<b>Airport Total:</b>				<b>\$334,558</b>	<b>\$110,618</b>	<b>\$3,139,750</b>	<b>\$3,584,926</b>
<b>TOMBSTONE MUNI</b>							
	2015	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW624TS Section 10).	\$95,252	\$10,584	\$0	\$95,730
	2015	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWATS Section 10).	\$39,738	\$4,415	\$0	\$44,153
<b>Airport Total:</b>				<b>\$134,990</b>	<b>\$14,999</b>	<b>\$0</b>	<b>\$139,883</b>
<b>TUBA CITY</b>							
	2012	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO or CL) - Standards	Install replacement Rwy lights on Rwy 15/33.	\$0	\$12,500	\$237,500	\$250,000
	2012	Runways:Rehabilitate Runway - Reconstruct	Reconstruct Rwy 15/33 6,250 ft x 75 ft.	\$0	\$125,000	\$2,375,000	\$2,500,000
	2012	Runways:Install Runway <vertical/visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Install replacement visual aids on Rwy 15/33.	\$0	\$12,500	\$237,500	\$250,000
	2013	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Prepare Airport Master Plan.	\$0	\$7,500	\$142,500	\$150,000
	2014	Taxiways:Construct Taxiway - Capacity	Constr. bypass Twys 35 ft wide each end of Rwy 15/33.	\$0	\$20,000	\$380,000	\$400,000
	2015	Apron:Rehabilitate Apron - Reconstruction	Reconstruct the apron 250 ft x 350 ft.	\$0	\$37,500	\$712,500	\$750,000
	2016	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Install perimeter fence 21,425 lf.	\$0	\$20,000	\$380,000	\$400,000
<b>Airport Total:</b>				<b>\$0</b>	<b>\$235,000</b>	<b>\$4,465,000</b>	<b>\$4,700,000</b>

## Airport Projects - By Airport

Airport Name	FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>TUCSON INTL</b>							
	2012	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Building - Standards	Provide new Emergency Operations Center (EOC) with approx. 1,500 sf and Communication Dispatch Center (CDC) with approx. 2,100 sf to become new primary facility.	\$99,681	\$99,681	\$2,030,638	\$2,230,000
	2012	Apron:Rehabilitate Apron - Reconstruction	Remove/replace portion of apron with 17 inch PCCP (approx. 429,923 sf) Ph. 1 - (including design costs).	\$536,400	\$536,400	\$10,927,200	\$12,000,000
	2013	Runways: Signage Upgrade/Modification	Signage & lighting upgrade for various locations throughout the airfield - Ph. 2.	\$1,292,180	\$143,576	\$0	\$1,435,755
	2013	Apron:Rehabilitate Apron - Reconstruction	Remove/replace portion of apron with 17 inch PCCP (approx. 286,690 sf) - Ph. 2.	\$536,400	\$536,400	\$10,927,200	\$12,000,000
	2014	Apron:Rehabilitate Apron - Reconstruction	Remove/replace portion of apron with 17 in. PCCP (approx. 361,182 sf) - Ph. 3.	\$536,400	\$536,400	\$10,927,200	\$12,000,000
	2015	Runways: Runway Construct	Construct drainage detention basins (approx. 10 acres).	\$337,109	\$37,457	\$0	\$374,566
	2015	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Update security master plan. Prior plan completed FY 2002.	\$6,705	\$6,705	\$136,590	\$150,000
	2015	Apron:Rehabilitate Apron - Reconstruction	Remove/replace portion of apron with 17 in. PCCP (approx. 243,099 sf) - Ph. 4.	\$536,400	\$536,400	\$10,927,200	\$12,000,000
	2016	Taxiways: Taxiway Construct	Construct 75 ft wide Twy G parallel to Twy A connecting existing air freight apron to future cargo apron east of Fire Station (approx. 2,000 lf).	\$1,350,000	\$150,000	\$0	\$1,500,000
	2016	Apron:Rehabilitate Apron - Reconstruction	Remove/replace portion of apron with 17 in. PCCP (approx. 338,245 sf) - Ph. 5.	\$536,400	\$536,400	\$10,927,200	\$12,000,000
<b>Airport Total:</b>				<b>\$5,767,675</b>	<b>\$3,119,419</b>	<b>\$56,803,228</b>	<b>\$65,690,321</b>
<b>WHITERIVER</b>							
	2012	Equipment:Acquire <Snow Removal Equipment/Urea Truck/etc.> - Standards	Acquire snow removal equipment.	\$0	\$7,500	\$142,500	\$150,000
	2012	Taxiways:Construct Taxiway - Capacity	Construct connector Twy A2 (240 ft x 35 ft) between Rwy and apron - design only.	\$0	\$2,500	\$47,500	\$50,000
	2012	Equipment:Install Weather Reporting Equipment {describe, e.g., AWOS } - Standards	Install AWOS III PT.	\$0	\$10,000	\$190,000	\$200,000
	2012	Other:Improve Airport <Drainage/Erosion Control/miscellaneous improvements> - Standards	Improve apron drainage.	\$0	\$7,500	\$142,500	\$150,000
	2013	Taxiways:Construct Taxiway - Capacity	Construct connector Twy A2 (240 ft x 35 ft) between Rwy and apron.	\$0	\$15,000	\$285,000	\$300,000
	2013	Other:<Light/Mark/Remove> Obstructions - Standards	Obstruction survey for instrument approach.	\$0	\$5,000	\$95,000	\$100,000
	2014	Runways:Rehabilitate Runway - Reconstruct	Rwy crack seal, fog seal, and remark airfield pavement: design only.	\$0	\$2,500	\$42,750	\$45,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>WHITERIVER (continued)</b>						
2014	Other:<Light/Mark/Remove> Obstructions - Standards	BIA yard relocation Ph. 1: design of equipment bay building, offices and mechanics area.	\$0	\$10,000	\$190,000	\$200,000
2015	Runways:Rehabilitate Runway - Reconstruct	Rwy crack seal, fog seal, and remark airfield pavement: Rwy 6,350 ft x 75 ft, Twy A 6,350 ft x 35 ft, Apron 600 ft x 200 ft.	\$0	\$22,750	\$432,250	\$455,000
2015	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Building - Standards	BIA yard relocation, Ph. 2: construct equipment bay building, office and mechanics area.	\$0	\$50,000	\$950,000	\$1,000,000
2016	Other:<Construct/Rehabilitate> Parking Lot [non revenue producing-non hub/MAP] - Other	Reconfigure automobile parking for general aviation terminal and airport access.	\$0	\$10,000	\$190,000	\$200,000
2016	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Install AvGas (100LL) fuel farm (10,000 gallon tank) with credit card reader.	\$0	\$20,000	\$380,000	\$400,000
2016	Terminal Development:Construct Terminal Building - Capacity	Design a general aviation terminal building.	\$0	\$5,000	\$95,000	\$100,000
<b>Airport Total:</b>			<b>\$0</b>	<b>\$167,750</b>	<b>\$3,182,500</b>	<b>\$3,350,000</b>
<b>WICKENBURG MUNI</b>						
2012	Apron:Rehabilitate Apron - Reconstruction	This project will provide for the pavement preservation of all apron and taxiway pavements (approx. 30,000 sy) on the airport.	\$2,250	\$2,250	\$85,500	\$90,000
2012	Apron:Construct Apron - Capacity	This project involves the construction of a new 700 ft x 370 ft (30,000 sy) aircraft parking apron at approx. mid-field on the south side of the Rwy. Includes site preparation, utilities, access road, and drainage improvements.	\$62,500	\$62,500	\$2,375,000	\$2,500,000
2012	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Preparation of an EA for a T-hangar development area including site preparation, drainage, utilities, and taxiways (15,000 sy).	\$4,375	\$4,375	\$166,250	\$175,000
2012	Runways:Rehabilitate Runway - Reconstruct	This project will provide for the pavement preservation of the Rwy and parallel Twy pavements (approx. 82,000 sy).	\$6,150	\$6,150	\$233,700	\$246,000
2013	Taxiways:Construct Taxiway - Capacity	This project will provide the design for an expanded T-hangar development area including site preparation, drainage, utilities, and taxiways (15,000 sy).	\$3,750	\$3,750	\$142,500	\$150,000
2014	Taxiways:Construct Taxiway - Capacity	This project will provide the construction of expanded T-hangar development area including site preparation, drainage, utilities, and taxiways (15,000 sy).	\$25,000	\$25,000	\$950,000	\$1,000,000
2014	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	Preparation of an EA for the design and construct of a heliport and helicopter parking (6,000 sy) and aircraft wash rack.	\$5,000	\$5,000	\$190,000	\$200,000
2015	APMS - Runway Pavement Preservation	Crack Seal & Rubberized Asphalt Emulsion Seal Coat (RW523WK Section 10).	\$143,580	\$15,953	\$0	\$159,533

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>WICKENBURG MUNI (continued)</b>						
2015	APMS - Apron Pavement Preservation	Mill & Replace PFC (A01WK Section 10).	\$448,736	\$49,860	\$0	\$498,595
2015	Apron:Construct Apron - Environmental mitigation	The construction of the wash rack will help ensure that aircraft washing meets all of the state and federal environmental requirements.	\$2,625	\$2,625	\$99,750	\$105,000
2015	Helipad:Helipad/Heliport - Capacity	Heliport:<Construct/Expand/Improve/Modify/Rehabilitate> Helipad/Heliport - Capacity This project includes the design of the future heliport development area (6,000 sy). The area is located northeast of the existing T-hangar area.	\$4,500	\$4,500	\$171,000	\$180,000
2016	Helipad:Helipad/Heliport - Capacity	Heliport:<Construct/Expand/Improve/Modify/Rehabilitate> Helipad/Heliport - Capacity This project includes the construction of the future Heliport development area (6,000 sy). The area is located northeast of the existing T-hangar area.	\$30,000	\$30,000	\$1,140,000	\$1,200,000
2016	Other:<Light/Mark/Remove> Obstructions - Standards	This project involves the removal of three hangars in the ROFA.	\$1,750	\$1,750	\$66,500	\$70,000
<b>Airport Total:</b>			<b>\$740,216</b>	<b>\$213,713</b>	<b>\$5,620,200</b>	<b>\$6,574,128</b>
<b>WINDOW ROCK</b>						
2012	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO or CL) - Standards	Rwy lighting and signage rehabilitation, replace windcone, segmented circle, PAPIs, REILs, and electrical vault.	\$0	\$50,000	\$950,000	\$1,000,000
2012	Runways:Rehabilitate Runway - Reconstruct	Rwy crack seal, seal coat, pavement marking and safety area grading.	\$0	\$25,000	\$475,000	\$500,000
2013	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Prepare Airport Master Plan.	\$0	\$7,500	\$142,500	\$150,000
2014	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Develop a SWPPP.	\$0	\$1,000	\$19,000	\$20,000
2015	Equipment:Acquire Security Equipment/Install Perimeter Fencing [not Part 107] - Standards	Relocate perimeter fencing (18,000 lf) outside of the ROFA.	\$0	\$20,000	\$380,000	\$400,000
2015	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for the acquisition of 82 Acres for RSA and parallel Twy.	\$0	\$12,000	\$228,000	\$240,000
2016	Land:Acquire <land/easement> for development/relocation	Acquire 82 acres for RSA and parallel Twy.	\$0	\$15,000	\$285,000	\$300,000
<b>Airport Total:</b>			<b>\$0</b>	<b>\$130,500</b>	<b>\$2,479,500</b>	<b>\$2,610,000</b>
<b>WINSLOW-LINDBERGH REGIONAL</b>						
2012	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for Land Acquisitions; Parcel ID #103-09-003H (128 acres, ASLD), #103-09-002H (3 acres).	\$5,000	\$5,000	\$190,000	\$200,000
2012	Runways:Rehabilitate Runway - Reconstruct	Construct Rwy 4/22 reconstruction (approx. 7,499 ft x 150 ft) - Ph. 2.	\$105,000	\$105,000	\$3,990,000	\$4,200,000
2012	Apron:Rehabilitate Apron - Reconstruction	Construct south apron (16,000 sy) - Ph. 2.	\$42,500	\$42,500	\$1,615,000	\$1,700,000

## Airport Projects - By Airport

Airport Name						
FY	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total
<b>WINSLOW-LINDBERGH REGIONAL (continued)</b>						
2013	Other: Fencing (Perimeter) Install	Install 6,300 lf of perimeter fence on approach end of Rwy 11 - Ph. 2.	\$225,000	\$25,000	\$0	\$250,000
2013	Runways:Rehabilitate Runway - Reconstruct	Construct Rwy 11-29 reconstruction (30,000 sy) - Ph. 2.	\$95,000	\$95,000	\$3,610,000	\$3,800,000
2013	Land:Acquire land/easement for approaches	Acquire 128 acres, Parcel ID #130-18-003H (State Land Department).	\$22,500	\$22,500	\$855,000	\$900,000
2014	APMS - Taxiway Pavement Preservation	Thin Asphalt Overlay/PFC (TWAWN Section 10).	\$379,045	\$42,116	\$0	\$421,161
2014	Land: Land (Protection) Acquisition	Acquire avigation easement (3 acres), Parcel ID #103-09-002H.	\$65,700	\$7,300	\$0	\$73,000
2014	Runways: Signage Install	Design distance remaining signage on Rwy 4/22.	\$16,200	\$1,800	\$0	\$18,000
2014	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <study/update>	EA for Rwy 4/22 pavement shift and levee relocation.	\$5,000	\$5,000	\$190,000	\$200,000
2014	Taxiways:Rehabilitate Taxiway - Reconstruct	Construct Twy A pavement preservation (50,000 sy) - Ph. 2.	\$18,375	\$18,375	\$698,250	\$735,000
2014	Equipment:Acquire Security Equipment/Install Fencing [required by Part 107] - Safety/Security	Install 28,400 lf perimeter fencing on approach end of Runway 4 - Ph. 2.	\$16,250	\$16,250	\$617,500	\$650,000
2014	Runways:Rehabilitate Runway - Reconstruct	Construct Rwy 11/29 reconstruction (30,000 sy) - Ph. 3.	\$95,000	\$95,000	\$3,610,000	\$3,800,000
2015	Other: Obstruction Removal (Part 77)	Design levee relocation (5,000 lf).	\$315,000	\$35,000	\$0	\$350,000
2015	Runways: Runway Construct	Design Rwy 4/22 pavement shift to the southwest (1,800 lf).	\$360,000	\$40,000	\$0	\$400,000
2015	Apron:Construct Apron - Standards	Construct Twy A holding aprons (8,700 sy) - Ph. 2.	\$32,029	\$32,029	\$1,217,103	\$1,281,161
2015	Runways:Install Runway distance-to-go Signs - Statutory Emphasis Programs	Install distance remaining signage on Rwy 4/22.	\$4,350	\$4,350	\$165,300	\$174,000
2015	Equipment:Acquire Security Equipment/Install Fencing [required by Part 107] - Safety/Security	Construct perimeter fencing on approach end of Rwy 29 (3,500 lf) - Ph. 2.	\$10,000	\$10,000	\$380,000	\$400,000
2016	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Conduct Airport Master Plan update.	\$6,250	\$6,250	\$237,500	\$250,000
2016	Other:<Light/Mark/Remove> Obstructions [hazard only e.g., approaches] - Safety/Security	Demolish and relocate Ruby Wash Diversion Levee to accommodate Rwy 4/22 extension.	\$105,000	\$105,000	\$3,990,000	\$4,200,000
2016	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Building - Standards	Construct aircraft wash rack - Ph. 2 (southwest of the south apron).	\$5,150	\$5,150	\$195,700	\$206,000
2016	Heliport:<Construct/Expand/Improve/Modify/Rehabilitate> Helipad/Heliport - Standards	Install helicopter parking spaces (northeast side of the south apron).	\$675	\$675	\$25,650	\$27,000
2016	Runways:<Extend/Widen/Strengthen> Runway [to meet standards] - Standards	Construct Rwy 4/22 pavement shift (1,800 lf) to the southwest.	\$134,848	\$134,848	\$5,124,205	\$5,393,900
<b>Airport Total:</b>			<b>\$2,063,872</b>	<b>\$854,143</b>	<b>\$26,711,208</b>	<b>\$29,629,222</b>

## Airport Projects - By Airport

<b>Airport Name</b>						
<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>YUMA MCAS/YUMA INTL</b>						
2012	Apron: Apron Reconstruct	Design rehab of 20,000 sy existing terminal apron off East 32nd St. and design 10,000 sy new apron expansion.	\$225,000	\$25,000	\$0	\$250,000
2012	Apron:Rehabilitate Apron - Reconstruction	Construct the rehabilitation of approx. 133,600 sy of the existing aircraft parking area by repairing and/or replacing the deteriorated asphalt sections.	\$57,354	\$57,354	\$2,179,458	\$2,294,166
2013	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Capacity	Main terminal off East 32nd Street. Design expansion of existing single bag belt currently used by two airlines to allow for increased passenger baggage.	\$5,000	\$5,000	\$190,000	\$200,000
2014	Runways: MIRL/HIRL Upgrade/Modification	Design airport marking, lighting, and signage plan for all surfaces used by civilian air carriers.	\$225,000	\$25,000	\$0	\$250,000
2014	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Capacity	Main terminal off East 32nd Street. Design expansion of existing single bag belt currently used by two airlines to allow for increased passenger baggage.	\$25,000	\$25,000	\$950,000	\$1,000,000
2015	Runways: MIRL/HIRL Upgrade/Modification	Construct airport marking, lighting, and signage plan for all surfaces used by civilian air carriers.	\$1,800,000	\$200,000	\$0	\$2,000,000
2016	Apron: Apron Reconstruct	Design 150 yd x 170 yd asphalt apron between GA hangar complex and CareFlight (FBO), at the end of Fortuna Avenue. Approximately 1,200 lf of security fencing with gate and card reader is needed.	\$225,000	\$25,000	\$0	\$250,000
2016	Terminal Development: Terminal Construct (CS Only)	Construct the expansion of the secure concourse within the main terminal building, adding 6,600 sf of building space.	\$1,800,000	\$200,000	\$0	\$2,000,000
<b>Airport Total:</b>			<b>\$4,362,354</b>	<b>\$562,354</b>	<b>\$3,319,458</b>	<b>\$8,244,166</b>
<b>All Requested FSLs and Funded SLs Total:</b>			<b>\$108,043,374</b>	<b>\$55,199,796</b>	<b>\$990,316,002</b>	<b>\$1,153,597,299</b>

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