

DRAFT BOARD LETTER

Board of Supervisors Meeting

County Administrator

Meeting Date: 01/28/2014

Brief Title: Airport Capital Improvement Program and Grant Application Submittal to FAA

From: Mindi Nunes, Deputy County Administrator

Staff Contact: Wes Ervin, Airport Manager, County Administrator's Office, x8066

Information

Subject

Authorize submittal of 2014-2019 Airport Capital Improvement Program and 2014 grant application for \$106,500 to the Federal Aviation Administration for Airport Layout Plan update and perimeter fencing design; authorize the County Administrator to execute the grant agreement and implement the grant if awarded; and authorize the County Administrator to apply to Caltrans for matching funds, accept grant funds, execute the grant and sign all documents as needed. (No general fund impact; all matching costs will be from the Airport Enterprise Fund) (Nunes/Ervin)

Recommended Action

- A. Authorize submittal of 2014-2019 Airport Capital Improvement Program;
- B. Authorize submittal of 2014 grant application for \$106,500 to the Federal Aviation Administration for Airport Layout Plan revisions and perimeter fencing design;
- C. Authorize the County Administrator to execute the grant agreement and implement the grant if awarded;
- D. Authorize the County Administrator to apply to Caltrans Aeronautics Division for matching funds, accept grant funds, execute the grant and sign all documents as needed.

Strategic Plan Goal(s)

Provide fiscally sound, dynamic and responsive services
Champion job creation and economic opportunities

Reason for Recommended Action/Background

The annual Federal Aviation Administration (FAA) grant approval process requires all grant requests to be compliant with their Airport Capital Improvement Program (ACIP). The projects in this 2014-2019 ACIP are consistent with the adopted Airport Master Plan and Environmental Impact Review (EIR), the Yolo County General Plan, and other

approved Airport planning documents.

The 2014-2019 ACIP submittal uses limited available FAA funding as effectively as possible and advances the County's priority of developing top quality and sustainable Airport facilities and infrastructure. The FAA entitles the county to apply for \$150,000 per year plus any unused funding from prior years, and the County can tap up to \$300,000 this year. In addition, FAA has discretionary funds for major projects, but most FAA discretionary funds are programmed for runway safety projects at large airports and will not be available until 2015 or later.

This ACIP will advance two important Airport projects in 2014:

1. Preparing Airport Layout Plan drawings preparatory to the design of drainage ponds and other structures necessary to accommodate future development.
2. Designing airport perimeter fencing as our most important security improvement, preparatory to construction in 2015.

Airport Layout Plan

As of October 2013 FAA is requiring an Airport Layout Plan (ALP) update as a prerequisite to seeking FAA funds for on-airport drainage improvements. Specifically, the ALP must show the location of proposed detention ponds and other drainage structures. Because new ALP update process typically takes 9 months to a year, most of our other planned capital projects will be delayed by a year.

Perimeter Fencing

In the last year our airport tenants have become increasingly concerned about unauthorized vehicles and pedestrians in hangar, taxiway and runway areas. Such incursions are causing a nuisance to our tenants. Our most active tenants have requested gates and have an informal "neighborhood watch" program to approach trespassing vehicles and film them. The Sheriff has been called on two occasions. Perimeter fencing is also recommended by the FAA at general aviation airports as an effective security measure against theft, vandalism, and unauthorized incursions on the runways and taxiways. Other airports in the region that are urban and/or provide similar services (Fuel, repair, concierge, etc.) are fully fenced. We have not included perimeter fencing on our previous ACIP project lists, but fencing has been an expected future project on our ALP for decades. While we wait for drainage design we can proceed now with perimeter fencing, which will not create new impervious surface.

FAA's Evaluation and grant process

FAA uses a nationwide point system as part of its process for determining how they allow their funds to be used. Priority funding goes to runway and safety improvements, taxiway improvements, and apron improvements in that order. FAA funds drainage improvements when needed to ensure that the priority areas and future development

areas of an airport do not flood. In order to move forward with other airport development, we need to know exactly what drainage facilities must be built to ensure that development does not increase its contribution to flooding downstream, particularly in the nearby Rolling Acres subdivision.

FAA has a lengthy annual grant review and approval process that involves several deadlines throughout the year. As the year proceeds, final funding may differ somewhat from the initial application. This Board letter requests Board approval of the entire grant process:

- January File 5-year Airport Capital Improvement Program (due Jan 31, 2014)
- Early Feb Verbal funding & eligibility discussions with FAA
- February File grant application with estimated project amounts
- May 1 Send FAA Notification of Intent to Use entitlements
- May FAA notifies if application is eligible
- June Request/receive authorization to advertize for any construction
- June-July Advertize for construction contract(s) and select contractor
- July-August Request and receive approval to award contract(s)
- July-August Submit amended grant application with contract amounts
- August Receive and execute grant agreement
- August Apply for and receive Caltrans matching grant funds
- Sept Issue authorization for design projects
- Sept Conduct pre-construction conference(s) with contractor(s)
- Sept –Oct Receive Notice(s) to proceed with construction
- October 31 Identify required environmental documents for next-year's projects
- December 31 Submit any required Environmental Assessments

Source of Funds for this Expenditure

General Fund \$0







Explanation (Expenditure and/or Revenue)

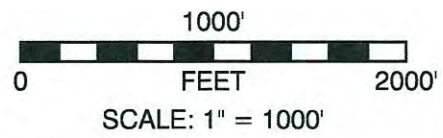
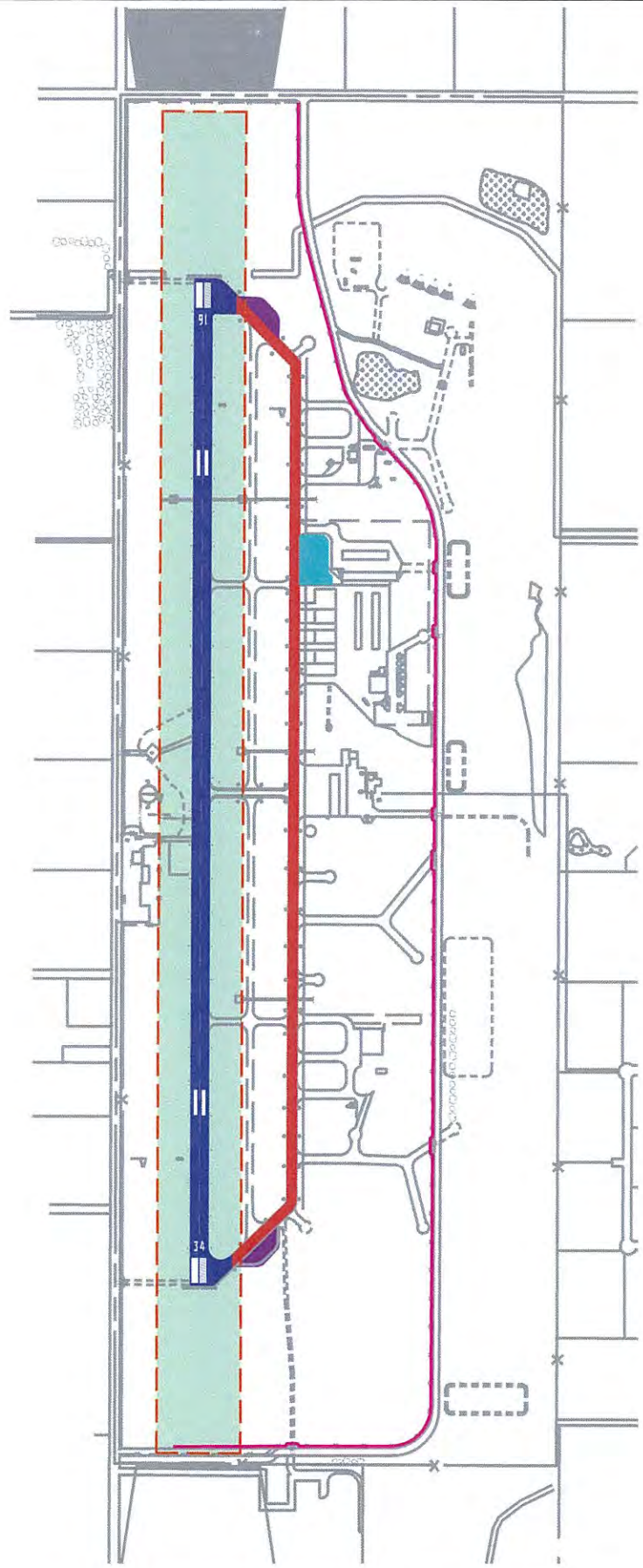
An estimated \$6,508.00 county match would come from the Airport Enterprise Fund

Form Review

Inbox Reviewed By
 Wes Ervin
Form Started By: Wes Ervin

Date
12/16/2013 09:03 AM
Started On: 12/16/2013 09:03 AM

- 2014
ALP UPDATE NOT SHOWN
- PERIMETER SECURITY FENCING (DESIGN) NOT SHOWN
- 2015
AIRPORT DRAINAGE IMPROVEMENTS - PHASE 1 (DESIGN) NOT SHOWN
- PERIMETER SECURITY FENCING (CONSTRUCTION) 
- 2016
AIRPORT DRAINAGE IMPROVEMENTS - PHASE 1 (CONSTRUCTION) NOT SHOWN
- RUN-UP APRON - PHASES 1 & 2 (CONSTRUCTION) 
- 2017
TAXIWAY A REHABILITATION AND RUNWAY SAFETY AREA GRADING (DESIGN) NOT SHOWN
- 2018
TAXIWAY A REHABILITATION (CONSTRUCTION) 
- RUNWAY SAFETY AREA GRADING (CONSTRUCTION) 
- RUNWAY 16-34 REHABILITATION - PHASE 2 (DESIGN) NOT SHOWN
- 2019
RUNWAY 16-34 REHABILITATION - PHASE 2 (CONSTRUCTION) 
- NORTH APRON EXPANSION (DESIGN) 



YOLO COUNTY AIRPORT

ACIP PROJECTS (FY 2014-FY 2019)



1/10/2014 10:10:33 AM X:\2020-00\REF\ACIP\2014\YOLA.ACIP 2014-2019.DWG

JANUARY 2014

AWP ACIP DATA SHEET

Airport Name		YOLO COUNTY - DAVIS WOODLAND WINTERS AIRPORT	Fiscal Year	2014	
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total
N/A	P	1) ALP Update	\$75,000	\$8,333	\$83,333
Yes	D	2) Perimeter Security Fencing (Design)	\$31,500	\$3,500	\$35,000
		2014 Totals	\$106,500	\$11,833	\$118,333

* D - Development; P - Planning; E - Environmental

PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS

Detail Project Description (Square/Lineal Footage or Length/Width)

1) ALP update to include:

- Evaluate airfield for consistency with current version of Airfield Design Advisory Circular.
- Update existing ALP sheets to make them consistent with SOP No. 2.00.
- Create a cover sheet.
- Create an additional sheet if necessary to clearly show all required airspace-related surfaces.
- Add locations of proposed detention ponds as defined in the ongoing drainage study.
- Revise the layout of hangars and taxilanes as directed by County.
- Update airspace plans to reflect recent tree removal.
- Up to two public meetings with tenants, users and public.
- Prepare a Narrative Report that focuses on:
 - o The detention ponds
 - o Any building area revisions
 - o Any airfield modifications needed to comply with the standards in the Airport Design Advisory Circular.

2) Design of perimeter security fence and gate installation (appx. 10,500 linear feet of fence and appx. 10 vehicle and pedestrian gates)

Project Schedule (Anticipated date for bids or negotiated prices, consultant selection for planning or environmental projects, length of construction or design, planning or environmental process)

1) ALP Update will begin in 2014 and be completed in 2015
 2) Project will be designed in 2014 for construction in 2015

NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)

1) Not Applicable
 2) CatEx submitted in January 2014

Land Title Status & Date of Exhibit "A" Status Date

Open AIP Funded Projects Expected Close-out Date

Certification: To the best of my knowledge and belief, all information shown in the ACIP Data Sheet is true and correct and had been duly authorized by the Sponsor.

Wes Ervin, Mgr. of Economic Development	Wes Ervin, Airport Manager
Name and Title of Authorized Representative (Print or Type)	Contact Name and Title (Print or Type)
	(530) 666-8066
Signature	Contact Phone (Print or Type):
Date	

AWP ACIP DATA SHEET

Airport Name		YOLO COUNTY - DAVIS WOODLAND WINTERS AIRPORT	Fiscal Year	2015	
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total
Yes	D	1) Airport Drainage Improvements - Phase 1 (Design)	\$148,500	\$16,500	\$165,000
Yes	D	2) Perimeter Security Fencing (Construction)	\$399,600	\$44,400	\$444,000
		2015 Totals	\$548,100	\$60,900	\$609,000

* D - Development; P - Planning; E - Environmental

PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS

Detail Project Description (Square/Lineal Footage or Length/Width)

- 1) Design of Airport Drainage Improvements - Phase 1 (Based on Master Drainage Study Update)
 2) Construction of perimeter security fence and gate installation (appx. 10,500 linear feet of fence and appx. 10 vehicle and pedestrain gates)

Project Schedule (Anticipated date for bids or negotiated prices, consultant selection for planning or environmental projects, length of construction or design, planning or environmental process)

- 1) Project will be designed in 2015 for construction in 2016.
 2) Project will be designed in 2014 for construction in 2015.

NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)

- 1) CatEx will be submitted in 2014
 2) CatEx submitted in January 2014

Land Title Status & Date of Exhibit "A" Status

Date

Open AIP Funded Projects

Expected Close-out Date

Certification: To the best of my knowledge and belief, all information shown in the ACIP Data Sheet is true and correct and had been duly authorized by the Sponsor.

Wes Ervin, Mgr. of Economic Development

Wes Ervin, Airport Manager

Name and Title of Authorized Representative (Print or Type)

Contact Name and Title (Print or Type)

(530) 666-8066

Signature

Date

Contact Phone (Print or Type):

AWP ACIP DATA SHEET

Airport Name		YOLO COUNTY - DAVIS WOODLAND WINTERS AIRPORT	Fiscal Year	2016	
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total
Yes	D	1) Airport Drainage Improvements - Phase 1 (Construction)	\$1,260,000	\$140,000	\$1,400,000
Yes	D	2) Run-up Apron - Phases 1 & 2 (Construction)	\$495,000	\$55,000	\$550,000
		2016 Totals	\$1,755,000	\$195,000	\$1,950,000
* D - Development; P - Planning; E - Environmental					
PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS					
Detail Project Description (Square/Lineal Footage or Length/Width)					
1) Construction of Airport Drainage Improvements - Phase 1 2) Construction of Run-up apron at both runway ends (appx. 40,000 square feet)					
Project Schedule (Anticipated date for bids or negotiated prices, consultant selection for planning or environmental projects, length of construction or design, planning or environmental process)					
1) Project will be designed in 2015 for construction in 2016. 2) Project designed in 2013 for construction in 2016.					
NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)					
1) CatEx will be submitted in 2014 2) CatEx submitted in 2011, updated CatEx will be submitted in 2015					
Land Title Status & Date of Exhibit "A" Status			Date		
Open AIP Funded Projects			Expected Close-out Date		
Certification: To the best of my knowledge and belief, all information shown in the ACIP Data Sheet is true and correct and had been duly authorized by the Sponsor.					
Wes Ervin, Mgr. of Economic Development			Wes Ervin, Airport Manager		
Name and Title of Authorized Representative (Print or Type)			Contact Name and Title (Print or Type)		
			(530) 666-8066		
Signature		Date	Contact Phone (Print or Type):		

AWP ACIP DATA SHEET

Airport Name		YOLO COUNTY - DAVIS WOODLAND WINTERS AIRPORT	Fiscal Year	2017	
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total
Yes	D	1) Taxiway A Rehabilitation and RSA Grading (Design)	\$67,500	\$7,500	\$75,000
		2017 Totals	\$67,500	\$7,500	\$75,000
* D - Development; P - Planning; E - Environmental					
PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS					
Detail Project Description (Square/Lineal Footage or Length/Width)					
1) Design of Pavement Rehabilitation, Sealcoat (34,000 square yards), Safety Area Grading, and Shoulder Construction along Taxiway A.					
Project Schedule (Anticipated date for bids or negotiated prices, consultant selection for planning or environmental projects, length of construction or design, planning or environmental process)					
1) Project will be designed in 2017 for construction in 2018.					
NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)					
Land Title Status & Date of Exhibit "A" Status			Date		
Open AIP Funded Projects			Expected Close-out Date		
Certification: To the best of my knowledge and belief, all information shown in the ACIP Data Sheet is true and correct and had been duly authorized by the Sponsor.					
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Name and Title of Authorized Representative (Print or Type)			Contact Name and Title (Print or Type)		
			(530) 666-8066		
Signature		Date	Contact Phone (Print or Type):		

AWP ACIP DATA SHEET

Airport Name		YOLO COUNTY - DAVIS WOODLAND WINTERS AIRPORT	Fiscal Year	2018	
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total
Yes	D	1) Taxiway A Rehabilitation and RSA Grading (Construction)	\$238,500	\$26,500	\$265,000
Yes	D	2) Runway 16-34 Rehabilitation - Phase 2 (Design)	\$76,500	\$8,500	\$85,000
		2018 Totals	\$315,000	\$35,000	\$350,000
* D - Development; P - Planning; E - Environmental					
PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS					
Detail Project Description (Square/Lineal Footage or Length/Width)					
<p>1) Construction of Taxiway A Pavement Rehabilitation (Sealcoat - 34,000 square yards), Safety Area Grading, and Shoulder Construction.</p> <p>2) Design of Phase 2 Runway Rehabilitation including 2.5-inch overlay, grooving, and marking.</p>					
Project Schedule (Anticipated date for bids or negotiated prices, consultant selection for planning or environmental projects, length of construction or design, planning or environmental process)					
<p>1) Project will be designed in 2017 for construction in 2018.</p> <p>2) Project will be designed in 2018 for construction in 2019.</p>					
NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)					
Land Title Status & Date of Exhibit "A" Status			Date		
Open AIP Funded Projects			Expected Close-out Date		
Certification: To the best of my knowledge and belief, all information shown in the ACIP Data Sheet is true and correct and had been duly authorized by the Sponsor.					
Wes Ervin, Mgr. of Economic Development			Wes Ervin, Airport Manager		
Name and Title of Authorized Representative (Print or Type)			Contact Name and Title (Print or Type)		
			(530) 666-8066		
Signature		Date	Contact Phone (Print or Type):		

AWP ACIP DATA SHEET

Airport Name		YOLO COUNTY - DAVIS WOODLAND WINTERS AIRPORT	Fiscal Year	2019	
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total
Yes	D	1) Runway 16-34 Rehabilitation - Phase 2 (Construction)	\$1,462,500	\$162,500	\$1,625,000
Yes	D	2) North Apron Expansion (Design)	\$72,000	\$8,000	\$80,000
		2019 Totals	\$1,534,500	\$170,500	\$1,705,000
* D - Development; P - Planning; E - Environmental					
PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS					
Detail Project Description (Square/Lineal Footage or Length/Width)					
<p>1) Construction of 25-inch overlay, grooving, and marking of Runway 16-34 (Phase 2).</p> <p>2) Design of the north apron expansion (45,000 square feet) including tiedown installation and marking.</p>					
Project Schedule (Anticipated date for bids or negotiated prices, consultant selection for planning or environmental projects, length of construction or design, planning or environmental process)					
<p>1) Project will be designed in 2018 for construction in 2019.</p> <p>2) Project will be designed in 2019 for construction in 2020.</p>					
NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)					
Land Title Status & Date of Exhibit "A" Status			Date		
Open AIP Funded Projects			Expected Close-out Date		
Certification: To the best of my knowledge and belief, all information shown in the ACIP Data Sheet is true and correct and had been duly authorized by the Sponsor.					
Wes Ervin, Mgr. of Economic Development			Wes Ervin, Airport Manager		
Name and Title of Authorized Representative (Print or Type)			Contact Name and Title (Print or Type)		
			(530) 666-8066		
Signature		Date	Contact Phone (Print or Type):		

**YOLO COUNTY AIRPORT
FAA/CALTRANS ACIP (2014-2019) SUMMARY
PREPARED JANUARY, 2014**

FISCAL YEAR	PROJECT	TOTAL COST	FEDERAL SHARE	STATE SHARE	LOCAL SHARE
2014	ALP Update	\$ 83,333	\$ 75,000	\$ 3,750	\$ 4,583
2014	Perimeter Security Fencing (Design)	\$ 35,000	\$ 31,500	\$ 1,575	\$ 1,925
	Subtotal (FY 2014)	\$ 118,333	\$ 106,500	\$ 5,325	\$ 6,508
2015	Airport Drainage Improvements - Phase 1 (Design)	\$ 165,000	\$ 148,500	\$ 7,425	\$ 9,075
2015	Perimeter Security Fencing (Construction)	\$ 444,000	\$ 399,600	\$ 19,980	\$ 24,420
	Subtotal (FY 2015)	\$ 609,000	\$ 548,100	\$ 27,405	\$ 33,495
2016	Airport Drainage Improvements - Phase 1 (Construction)	\$ 1,400,000	\$ 1,260,000	\$ 63,000	\$ 77,000
2016	Run-up Apron - Phases 1 & 2 (Construction)	\$ 550,000	\$ 495,000	\$ 24,750	\$ 30,250
	Subtotal (FY 2016)	\$ 1,950,000	\$ 1,755,000	\$ 87,750	\$ 107,250
2017	Taxiway A Rehabilitation and RSA Grading (Design)	\$ 75,000	\$ 67,500	\$ 3,375	\$ 4,125
	Subtotal (FY 2017)	\$ 75,000	\$ 67,500	\$ 3,375	\$ 4,125
2018	Taxiway A Rehabilitation and RSA Grading (Construction)	\$ 265,000	\$ 238,500	\$ 11,925	\$ 14,575
2018	Runway 16-34 Rehabilitation - Phase 2 (Design)	\$ 85,000	\$ 76,500	\$ 3,825	\$ 4,675
	Subtotal (FY 2018)	\$ 350,000	\$ 315,000	\$ 15,750	\$ 19,250
2019	Runway 16-34 Rehabilitation - Phase 2 (Construction)	\$ 1,625,000	\$ 1,462,500	\$ 73,125	\$ 89,375
2019	North Apron Expansion (Design)	\$ 80,000	\$ 72,000	\$ 3,600	\$ 4,400
	Subtotal (FY 2019)	\$ 1,705,000	\$ 1,534,500	\$ 76,725	\$ 93,775