AIRPORTS

EXECUTIVE SUMMARY

The Sacramento County Department of Airports (Department) Capital Improvement Plan (CIP) is comprised of projects that were identified and evaluated at a part of the Department's Capital Investment Master Schedule, which evaluates all critical equipment replacement, pavement and building rehabilitation at each of the four airports.

The Five-Year CIP estimated cost is \$251,766,400. The CIP will be funded by a combination of sources: Retained Earnings, Federal Funds, and annual earnings. Approximately \$203,197,000 or 81 percent of projects in the 5-year CIP are rehabilitation or replacement projects designed to maintain existing airport infrastructure.

Airport	5 Year CIP Total	Rehabilitation/ Replacement Projects	Percent Rehab or Replacement Projects in CIP
International	\$172,353,400	\$143,488,000	83%
Mather	\$62,408,000	\$43,704,000	70%
Executive	\$14,305,000	\$13,305,000	93%
Franklin Field	\$2,700,000	\$2,700,000	100%
Total	\$251,766,400	\$203,197,000	81%

The following list identifies key projects in the CIP for Fiscal Year 2017-18:

Sacramento International Airport

- Rehabilitate Runway 16R/34L Construction Estimated Total Cost: \$42,000,000
- Replacement of Jet Bridges at Terminal A Estimated Total Cost: \$9,500,000
- Shuttle Bus Replacement to Electric, Phase 1 Acquisition, Phase 2 Infrastructure Estimated Total Cost: \$5,100,000

Mather Airport

- Rehabilitate the General Aviation Apron and Drainage Improvements Estimated Total Cost: \$9,439,936
- Rehabilitate Asphalt/Concrete Section for Runway 4R/22L, Environmental and Design; Construction Part 1 and Part 2 **Estimated Total Cost: \$21,000,000**

AIRPORTS

REVISED

SUMMARY ALL PROJECTS

AIRPORTS	FISCAL YEAR 2017-18	FISCAL YEAR 2018-19	FISCAL YEAR 2019-20	FISCAL YEAR 2020-21	FISCAL YEAR 2021-22	TOTAL
Sacramento International Airport	38,983,400	31,470,000	52,550,000	17,350,000	32,000,000	\$172,353,400
Mather Airport	15,428,000	13,980,000	10,000,000	10,000,000	13,000,000	\$62,408,000
Executive Airport	0	1,300,000	5,385,000	2,300,000	5,320,000	\$14,305,000
Franklin Field	0	1,650,000	500,000	0	550,000	\$2,700,000
TOTAL	\$54,411,400	\$48,400,000	\$68,435,000	\$29,650,000	\$50,870,000	\$251,766,400

*REVISED

PROJECT SUMMARY

	Projects Not	Appearing	on Previou	ıs 5-Year C	IP are High	lighted		
PROJ #	PROJECT	PRIOR YEARS	FISCAL YEAR 2017-18	FISCAL YEAR 2018-19	FISCAL YEAR 2019-20	FISCAL YEAR 2020-21	FISCAL YEAR 2021-22	TOTAL
1	Improve Safety Areas and Rehabilitation of Taxiways (C, D, E, H, M, N and W)	0	0	0	0	0	5,320,000	\$5,320,000
2	Overlay Airport Roadways, Construction	0	0	800,000	0	0	0	\$800,000
3	Overlay Parking Lots	0	0	0	500,000	0	0	\$500,000
4	Rehabilitate Runway 2/20 Pavement and Runway Safety Area Improvements, Environmental and Design, Construction	0	0	500,000	3,885,000	0	0	\$4,385,000
5	Rehabilitate Runway 12/30	0	0	0	0	2,100,000	0	\$2,100,000
6	Rehabilitate Taxiway "F"	0	0	0	0	200,000	0	\$200,000
7	Runway 2/20 South Safety Area Improvements	0	0	0	1,000,000	0	0	\$1,000,000
8*	Closure of Runway 16/34 to include Removal of Pavement within Runway Safety Area	0	0	0	0	0	0	\$0
	TOTAL	\$0	\$0	\$1,300,000	\$5,385,000	\$2,300,000	\$5,320,000	\$14,305,000

PRIOR-YEAR COMPLETED/CANCELLED PROJECT SUMMARY

PROJ #	PROJECT	PRIOR YEARS	FISCAL YEAR 2016-17	FISCAL YEAR 2017-18	FISCAL YEAR 2018-19	FISCAL YEAR 2019-20	FISCAL YEAR 2020-21	TOTAL	REASON DROPPED
1	Design & Construct Airport Maintenance Equipment Building	0	0	0	0	0	1,000,000	\$1,000,000	Cancelled
5	Rehabilitate Runway 2/20	0	0	200,000	3,000,000	0	0	\$3,200,000	Rescoped to Project #5
7	Rehabilitate South T-Hangar Taxiways	0	0	0	1,500,000	0	0	\$1,500,000	Cancelled
8	Rehabilitate North Aircraft Parking Apron	0	0	0	3,000,000	0	0	\$3,000,000	Cancelled
10	Remove Runway 16/34 and Associated Taxiways	0	0	1,000,000	0	0	0	\$1,000,000	Cancelled
11	Roofing Projects	0	653,000	0	0	0	0	\$653,000	Completed
	TOTAL	\$0	\$653,000	\$1,200,000	\$7,500,000	\$0	\$1,000,000	\$10,353,000	



Improve Safety Areas and Rehabilitation of Taxiways (C, D, E, H, M, N, and W)

6151 Freeport Boulevard, Sacramento, CA 95822

Project #1

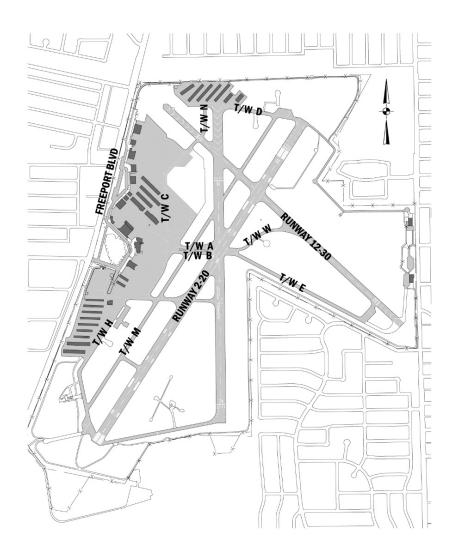
Department: Airports (Executive Airport) **Estimated Project Cost:** \$5,320,000

Expected Completion Date: 2022 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Design and construction of Taxiways C, D, E, H, M, N and W pavement rehabilitation and improvement needed to address irregularities within the runway and taxiway safety areas.



Improve Safety Areas and Rehabilitation of Taxiways (C, D, E, H, N, and W)

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	0	0	0	4,725,000	4,725,000
Project Management/ Design (In-							
House)	0	0	0	0	0	50,000	50,000
Project Management/ Design							
(Consultant)	0	0	0	0	0	100,000	100,000
Construction Fees and Services	0	0	0	0	0	425,000	425,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	20,000	20,000
TOTAL	0	0	0	0	0	5,320,000	5,320,000

Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund Federal Funds	0	0		0	0		532,000 4,788,000
TOTAL	0	0	0	0	0	5,320,000	5,320,000

Analysis Done	Analysis Results
Operating budget impact	This project will extend the service life of the taxiway pavements
analyzed	and reduce future maintenance cost as well as meeting Federal
	Aviation Administration runway and taxiway safety area
	requirements. This project will be funded by the Airports Enterprise
	Fund and a FAA Airport Improvement Program grant.

Overlay Airport Roadways, Construction

6151 Freeport Boulevard, Sacramento, CA 95822

Project #2

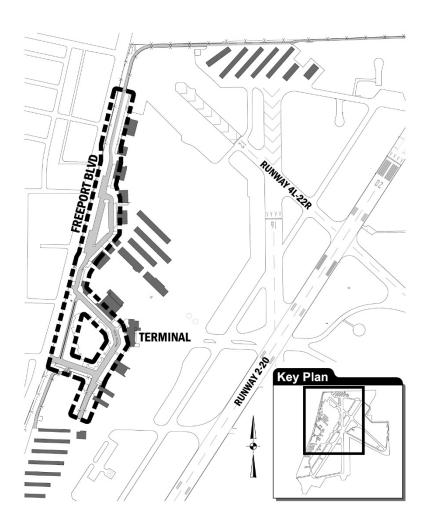
Department: Airports (Executive Airport) **Estimated Project Cost:** \$800,000

Expected Completion Date: 2019 **Funding Sources:** Airport Capital Improvement

Fund

Project Description:

The project will overlay the Airport roadways to extend their useful life. The roadways provide public access to airport parking facilities, the terminal, as well as tenant facilities located along Freeport Boulevard.



Overlay Airport Roadways, Construction

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	695,000	0	0	0	695,000
Project Management/ Design (In-							
House)	0	0	10,000	0	0	0	10,000
Project Management/ Design							
(Consultant)	0	0	25,000	0	0	0	25,000
Construction Fees and Services	0	0	65,000	0	0	0	65,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	5,000	0	0	0	5,000
TOTAL	0	0	800,000	0	0	0	800,000
5 11 0	Prior	Fiscal Year			Fiscal Year		-
Funding Sources	Years -	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement Fund	0	0	800,000	0	0	0	800,000
Airport Capital Improvement Fund			,	_		•	,
Federal Funds	0	0	0	0	0	0	0
TOTAL	0	0	800,000	0	0	0	800,000

Analysis Done	Analysis Results
Operating budget impact analyzed	Project will result in a decrease in operating costs due to less maintenance. This project will be funded by the Airports' Enterprise Fund.

Overlay Parking Lots

6151 Freeport Boulevard, Sacramento, CA 95822

Project #3

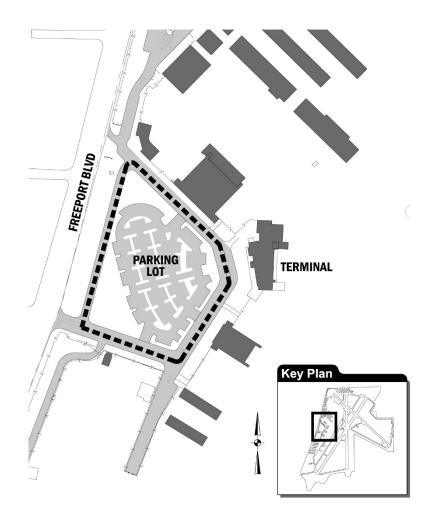
Department: Airports (Executive Airport) **Estimated Project Cost:** \$500,000

Expected Completion Date: 2020 Funding Sources: Airport Capital Improvement

Fund

Project Description:

The project will overlay the Airport parking lots to extend their useful life.



Overlay Parking Lots

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	0	440,000	0	0	440,000
Project Management/ Design (In- House) Project Management/ Design	0	0	0	5,000	0	0	5,000
(Consultant)	0	0	0	10,000	0	0	10,000
Construction Fees and Services	0	0	0	40,000	0	0	40,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	5,000	0	0	5,000
TOTAL	0	0	0	500,000	0	0	500,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
A: 40 % H	•			500.000			500 000
Airport Capital Improvement Fund	0	0	0	500,000	0	0	500,000
Federal Funds	0		0	0	0	0	0
TOTAL	0	0	0	500,000	0	0	500,000

Analysis Done	Analysis Results
Operating budget impact analyzed	This project renews the parking lot pavement and reduces future maintenance cost. This project will be funded by the Airports' Enterprise Fund.

Rehabilitate Runway 2/20 Pavement and Runway Safety Area (RSA) Improvements, Environmental and Design, Construction

6151 Freeport Boulevard, Sacramento, CA 95822

Project #4

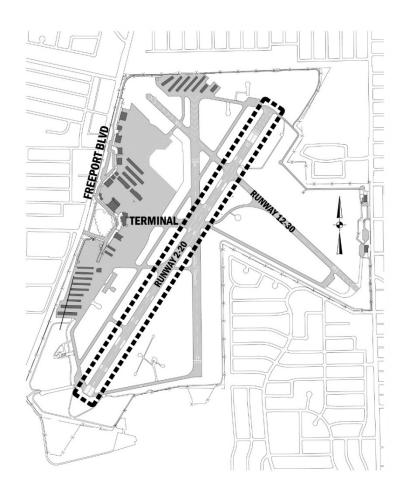
Department: Airports (Executive Airport) **Estimated Project Cost:** \$4,385,000

Expected Completion Date: 2020 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Project intends to rehabilitate the pavement of Runway 2/20 and improve the runway safety area to meet Federal Aviation Administration requirements. The project will be implemented in two phases with the first phase being the environmental review and design phase and the second phase being the construction phase of runway pavement rehabilitation. Work associated with runway safety area improvements is summarized in Project #7.



Rehabilitate Runway 2/20 Pavement and Runway Safety Area Improvements, Environmental and Design, Construction

Estimated Project Costs	Prior Years	Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	0	3,418,800	0	0	3,418,800
Project Management/ Design (In-							
House)	0	0	10,000	40,000	0	0	50,000
Project Management/ Design							
(Consultant)	0	0	480,000	75,000	0	0	555,000
Construction Fees and Services	0	0	0	340,000	0	0	340,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	10,000	11,200	0	0	21,200
TOTAL	0	0	500,000	3,885,000	0	0	4,385,000
	Prior	Fiscal Year					
Funding Sources	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
A: (0.3)	2		50.000	000 500	0	•	400 500
Airport Capital Improvement Fund	0	0	/	•		0	438,500
Federal Funds	0	0	450,000	3,496,500	0	0	3,946,500
TOTAL	0	0	500,000	3,885,000	0	0	4,385,000

Analysis Done	Analysis Results
Operating budget impact analyzed	Runway 2/20's pavement will reach the end of its service life within five years, and pavement rehabilitation is needed to ensure continuous operation of the runway and to reduce future maintenance costs. This project will be funded by the Airports' Enterprise Fund and a FAA Airport Improvement Program grant.

Rehabilitate Runway 12/30

6151 Freeport Boulevard, Sacramento, CA 95822

Project #5

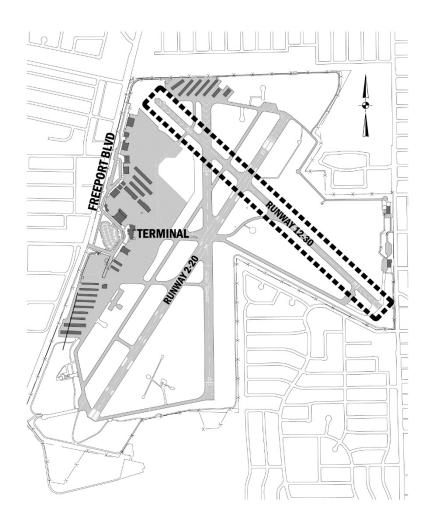
Department: Airports (Executive Airport) **Estimated Project Cost:** \$2,100,000

Expected Completion Date: 2021 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Project will rehabilitate the pavement of Runway 12/30.



Rehabilitate Runway 12/30

	Prior	Fiscal Year	Eigeal Voor	Eigeal Voor	Fiscal Year	Eisaal Vaar	
Fatimated Project Coats							Total
Estimated Project Costs	Years -	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs Project Management/ Design (In-	0	0	0	0	1,848,000	0	1,848,000
House)	0	0	0	0	25,000	0	25,000
Project Management/ Design	V	· ·	Ū	v	20,000	v	20,000
(Consultant)	0	0	0	0	45,000	0	45,000
Construction Fees and Services	0	0	0	0	170,000	0	170,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0		
Other	0	0	0	0	12,000	0	12,000
TOTAL	0	0	0	0	2,100,000	0	2,100,000
	Prior	Fiscal Year					
Funding Sources	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement Fund	0	0	0	0	210,000	0	210,000
Federal Funds	0	0	0	0	1,890,000	0	1,890,000
TOTAL	0	0	0	0	2,100,000	0	2,100,000

Analysis Done	Analysis Results
Operating budget impact	Runway 12/30's pavement will reach the end of its service life within
analyzed	five years, and pavement rehabilitation is needed to ensure
	continuous operation of the runway and to reduce future
	maintenance costs. This project will be funded by the Airports
	Enterprise Fund and a FAA Airport Improvement Program grant.

Rehabilitate Taxiway "F"

6151 Freeport Boulevard, Sacramento, CA 95822

Project #6

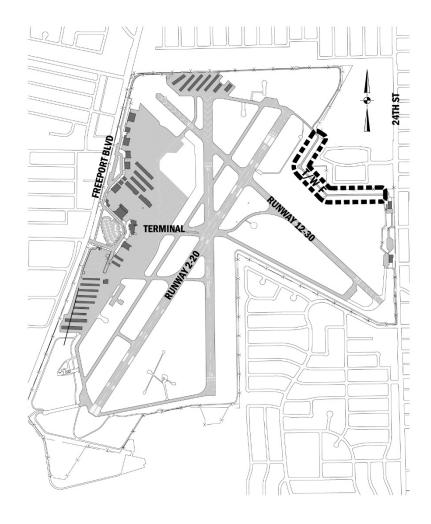
Department: Airports (Executive Airport) **Estimated Project Cost:** \$200,000

Expected Completion Date: 2021 Funding Sources: Airport Capital Improvement

Fund and Federal Funds

Project Description:

Project will rehabilitate the pavement of Taxiway F.



Rehabilitate Taxiway "F"

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	0	0	176,000	0	176,000
House) Project Management/ Design	0	0	0	0	2,000	0	2,000
(Consultant)	0	0	0	0	4,000	0	4,000
Construction Fees and Services	0	0	0	0	16,000	0	16,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	2,000	0	2,000
TOTAL	0	0	0	0	200,000	0	200,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund Federal Funds	0	0	-	0	20,000	0	20,000 180,000
TOTAL	0	0		0		0	200,000

. reject / indigeter								
Analysis Done	Analysis Results							
Operating budget impact	Taxiway F's pavement will reach the end of its service life within five							
analyzed	years, and pavement rehabilitation is needed to ensure continuous							
	operation of the taxiway and to reduce future maintenance costs.							
	This project will be funded by the Airports' Enterprise Fund and a							
	FAA Airport Improvement Program grant.							

Runway 2/20 South Safety Area Improvements

6151 Freeport Boulevard, Sacramento, CA 95822

Project #7

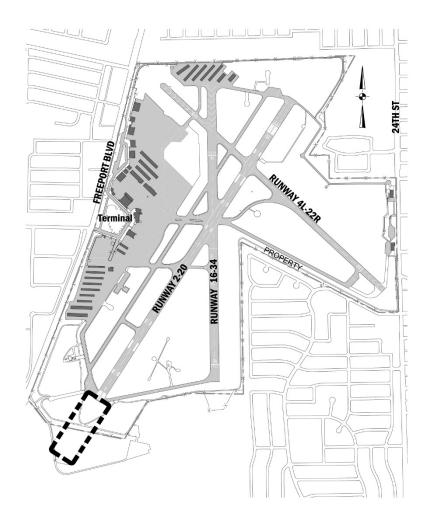
Department: Airports (Executive Airport) **Estimated Project Cost:** \$1,000,000

Expected Completion Date: 2020 Funding Sources: Airport Capital Improvement

Fund

Project Description:

This project would implement the improvements needed to meet FAA design standards for Runway Safety Areas for Runway 2/20.



Runway 2/20 South Safety Area Improvements

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	0	850,000	0	0	850,000
Project Management/ Design (In-							
House)	0	0	0	20,000	0	0	20,000
Project Management/ Design							
(Consultant)	0	0	0	40,000	0	0	40,000
Construction Fees and Services	0	0	0	80,000	0	0	80,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0		0	0	0
Other	0	0	0	10,000	0	0	10,000
TOTAL	0	0	0	1,000,000	0	0	1,000,000

Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	0	0	100,000	0	0	100,000
Federal Funds	0	0	0	900,000	0	0	900,000
TOTAL	0	0	0	1,000,000	0	0	1,000,000

Analysis Done	Analysis Results
Operating budget impact analyzed	This project is needed to meet Federal Aviation Administration Runway Safety Area requirements. This project is funded by the Airports' Enterprise Fund and a Federal Airport Improvement Program grant.

REVISED

Closure of Runway 16/34, to Include Removal of Pavement Within Runway Safety Area (RSA)

6151 Freeport Boulevard, Sacramento, CA 95822

Project #8

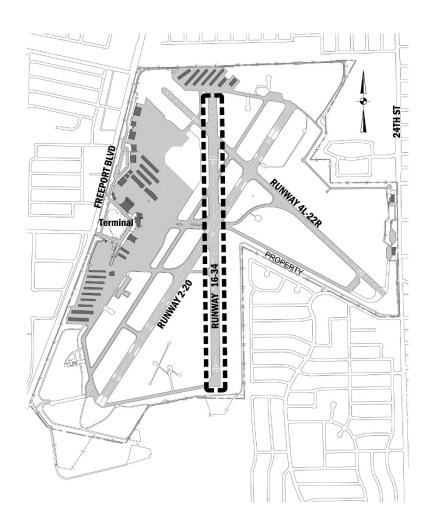
Department: Airports (Executive Airport) **Estimated Project Cost:** \$0

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Project will remove Runway 16/34 and several associated taxiways per the Airport Layout Plan approved by the Federal Aviation Administration (FAA).



Closure of Runway 16/34, to Include Removal of Pavement Within Runway Safety Area (RSA)

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	0	0	0	0	0
Project Management/ Design (In- House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	0	0	0	0	0	0
Federal Funds	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

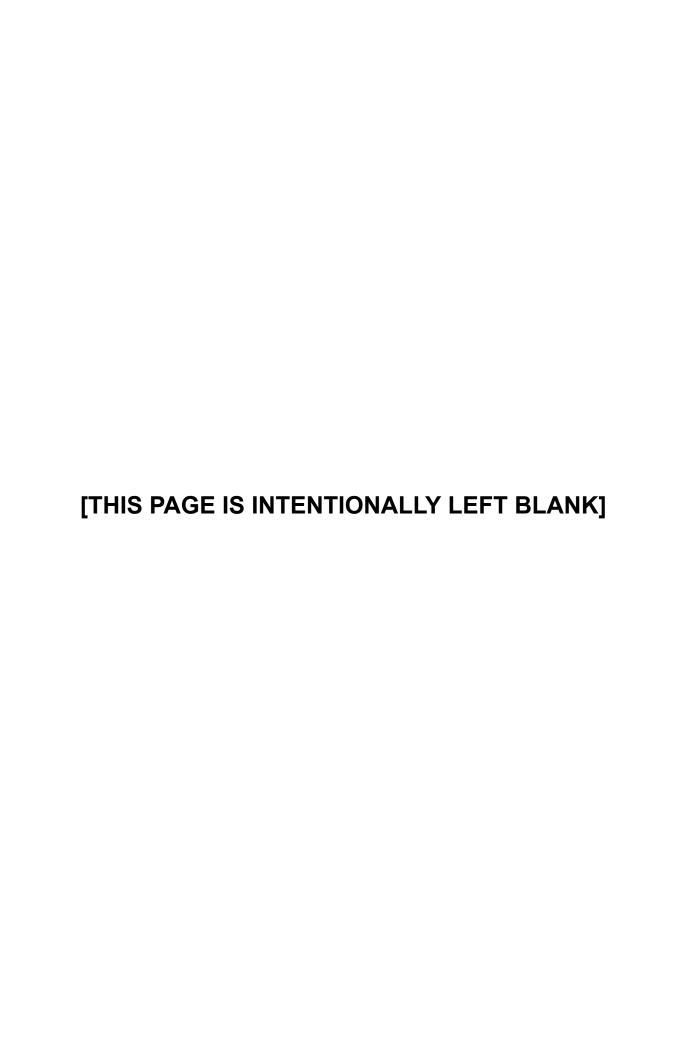
Analysis Done	Analysis Results
Operating budget impact	Runway 16/34 is under-utilized, not needed for wind coverage and
analyzed	requires major maintenance to remain in operation. This project will be funded by the Airports' Enterprise Fund and FAA Airport
	Improvement Program grant.

PROJECT SUMMARY

	Projects Not	Appearin	pearing on Previous 5-Year CIP are Highlighted						
PROJ#	PROJECT	PRIOR YEARS	FISCAL YEAR 2017-18	FISCAL YEAR 2018-19	FISCAL YEAR 2019-20	FISCAL YEAR 2020-21	FISCAL YEAR 2021-22	TOTAL	
1	Rehabilitate Aircraft Parking Apron	0	0	1,050,000	0	0	0	\$1,050,000	
. 2	Rehabilitate Parking Lot and Entrance Road	0	0	600,000	0	0	0	\$600,000	
3	Rehabilitate Taxiway A	0	0	0	500,000	0	0	\$500,000	
4	Rehabilitate Runway 9/27	0	0	0	0	0	550,000	\$550,000	
	TOTAL	\$0	\$0	\$1,650,000	\$500,000	\$0	\$550,000	\$2,700,000	

PRIOR-YEAR COMPLETED/CANCELLED PROJECT SUMMARY

	TOTAL	\$0	\$0	\$500,000	\$500,000	\$500,000	\$0	\$1,500,000	
1	Airfield Pavement Rehabilitation	0	0	500,000	500,000	500,000	0	1,500,000	Rescoped to Project 1,3,4
PROJ #	PROJECT	PRIOR YEARS	FISCAL YEAR 2017-18	FISCAL YEAR 2018-19	FISCAL YEAR 2019-20	FISCAL YEAR 2020-21	FISCAL YEAR 2021-22	TOTAL	REASON DROPPED



Rehabilitate Aircraft Parking Apron

10480 Bruceville Road, Sacramento, CA 95757

Project #1

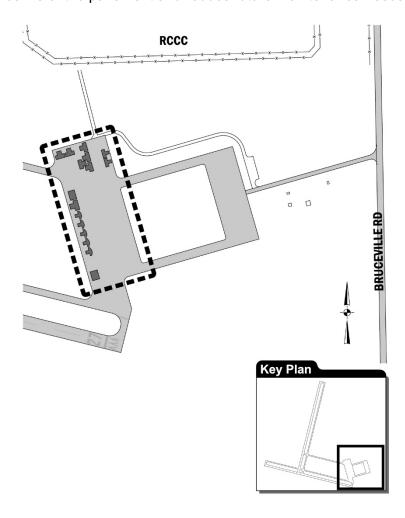
Department: Airports (Franklin Airport) **Estimated Project Cost:** \$1,050,000

Expected Completion Date: 2019 Funding Sources: Airport Capital Improvement

Fund and Federal Funds

Project Description:

This project includes the environmental review, design and construction of the pavement rehabilitation of the aircraft apron. Rehabilitation of the aircraft apron is needed in order to extend the service life of the pavement and reduce future maintenance needs.



Rehabilitate Aircraft Parking Apron

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	1,018,500	0	0	0	1,018,500
Project Management/ Design (In-House)	0	0	21,000	0	0	0	21,000
Project Management/ Design			,				,
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	10,500	0	0	0	10,500
TOTAL	0	0	1,050,000	0	0	0	1,050,000
	Prior	Fiscal Year					
Funding Sources	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement Fund	0	0	105,000	0	0	0	105,000
Airport Capital Improvement Fund Federal Funds	•	0	•			0	•
rederal rulius	0	U	945,000	0	0	U	945,000
TOTAL	0	0	1,050,000	0	0	0	1,050,000

Analysis Done	Analysis Results
Operating budget impact analyzed	Environmental review is required in order to meet California Environmental Quality Act and National Environmental Policy Act requirements, and the pavement rehabilitation is needed to extend the service life of the pavement and reduce future maintenance costs. This project will be funded by the Airports' Enterprise funds and a FAA Airport Improvements Program grant.

Rehabilitate Parking Lot and Entrance Road

10480 Bruceville Road, Sacramento, CA 95757

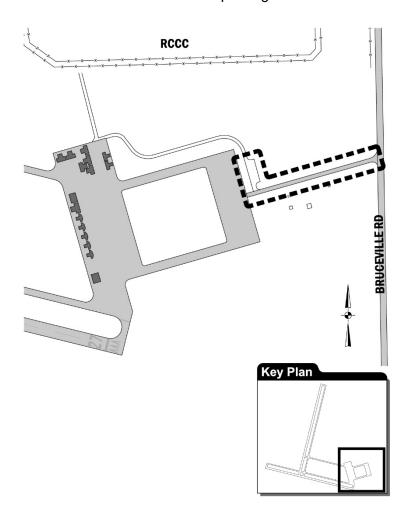
Project #2

Department: Airports (Franklin Airport) **Estimated Project Cost:** \$600,000

Fund

Project Description:

Design and construction of the rehabilitation of a parking lot and entrance road at the airport.



Rehabilitate Parking Lot and Entrance Road

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	528,000	0	0	0	528,000
Project Management/ Design (In-							
House)	0	0	6,000	0	0	0	6,000
Project Management/ Design							
(Consultant)	0	0	12,000	0	0	0	12,000
Construction Fees and Services	0	0	48,000	0	0	0	48,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	6,000	0	0	0	6,000
TOTAL	0	0	600,000	0	0	0	600,000
	Prior	Fiscal Year					
Funding Sources	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement Fund	0	0	60,000	0	0	0	60,000
Federal Funds	0	0	540,000	0	0	0	540,000
TOTAL	0	0	600,000	0	0	0	600,000

Analysis Done	Analysis Results
Operating budget impact	This project will improve services for users of the facility and reduce
analyzed	maintenance services. This project will be funded by the Airports'
	Enterprise Fund and a FAA Airport Improvement Program grant.

Rehabilitate Taxiway A

10480 Bruceville Road, Sacramento, CA 95757

Project #3

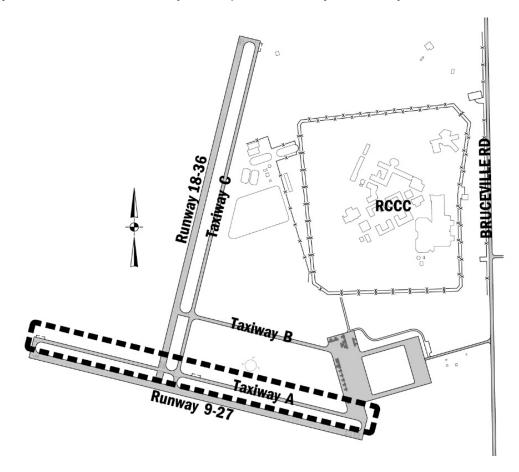
Department: Airports (Franklin Airport) **Estimated Project Cost:** \$500,000

Expected Completion Date: 2020 Funding Sources: Airport Capital Improvement

Fund

Project Description:

This project will rehabilitate Taxiway A, the parallel taxiway to Runway 9/27.



Rehabilitate Taxiway A

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	0	440,000	0	0	440,000
Project Management/ Design (In- House) Project Management/ Design	0	0	0	5,000	0	0	5,000
(Consultant)	0	0	0	10,000	0	0	10,000
Construction Fees and Services	0	0	0	40,000	0	0	40,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	5,000	0	0	5,000
TOTAL	0	0	0	500,000	0	0	500,000

Funding Sources Prior Years Expenses		Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	0	0	500,000	0	0	500,000
Federal Funds	0	0	0	0	0	0	0
TOTAL	0	0	0	500,000	0	0	500,000

Analysis Done	Analysis Results
Operating budget impact analyzed	This project will improve the efficiency of the operations at the airport and reduce future maintenance cost. This project will be funded by the Airports' Enterprise Fund.

Rehabilitate Runway 9/27

10480 Bruceville Road, Sacramento, CA 95757

Project #4

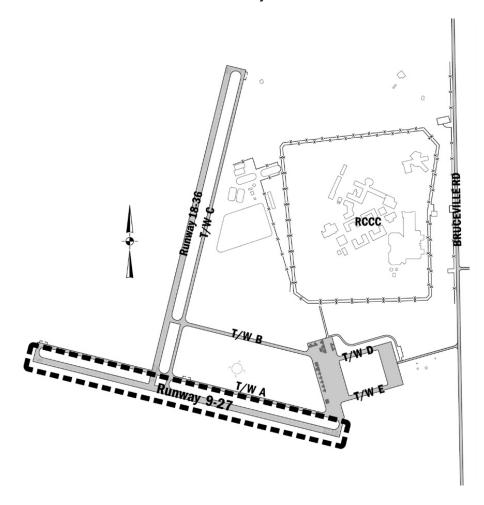
Department: Airports (Franklin Airport) **Estimated Project Cost:** \$550,000

Expected Completion Date: 2022 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Design and construction of rehabilitation of Runway 9/27.



Rehabilitate Runway 9/27

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	0	0	0	484,000	484,000
House) Project Management/ Design	0	0	0	0	0	5,500	5,500
(Consultant)	0	0	0	0	0	11,000	11,000
Construction Fees and Services	0	0	0	0	0	44,000	44,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	5,500	5,500
TOTAL	0	0	0	0	0	550,000	550,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund Federal Funds	0	0	0	0	0	55,000 495,000	55,000 495,000
TOTAL	0	0	0	0	0	550,000	550,000

Analysis Done	Analysis Results
Operating budget impact	This will improve operations at the airport and reduce future
analyzed	maintenance cost. This project will be funded by the Airports'
	Enterprise Fund and a FAA Airport Improvement Program grant.

*REVISED

PROJECT SUMMARY

	Projects Not A	ppearing o	n Previous	5-Year CIF	are Highli	ghted		
PROJ#	PROJECT	PRIOR YEARS	FISCAL YEAR 2017-18	FISCAL YEAR 2018-19	FISCAL YEAR 2019-20	FISCAL YEAR 2020-21	FISCAL YEAR 2021-22	TOTAL
1	Assess, Develop Alternatives and Design for a Consolidated Airfield Maintenance and Aircraft Rescue Firefighting (ARFF) Facility	0	0	1,380,000	0	0	0	1,380,000
2	Extend Runway 4L/22R	0	0	10,000,000	0	0	0	10,000,000
-2×	Rehabilitate the General Aviation Apron and Drainage Improvements	222,936	6,217,000	0	0	0	3,000,000	9,439,936
4	Runway 4R/22L - Special Authorization (SA) Category II System Including Airfield Lighting System Upgrade Design	0	2,000,000	0	0	0	0	2,000,000
5 ^	Truemper Way, Design, Upgrades and Extension	1,217,632	2,724,000	2,600,000	0	0	0	\$6,541,632
	Overlay Runway 4L/22R and Extension, Environmental and Design; Construction	0	1,000,000	0	10,000,000	0	0	\$11,000,000
7*	Rehabilitate Asphalt/Concrete Section for Runway 4R/22L, Environmental and Design; Construction Part 1 and Part 2	0	1,000,000	0	0	10,000,000	10,000,000	\$21,000,000
8	Repair of Localized Failed Pavement Sections of Runway 4R/22L	0	2,000,000	0	0	0	0	\$2,000,000
1 New*	Rehabilitate Taxiway "B" North	1,140,320	487,000	0	0	0	0	\$1,627,320
	TOTAL	\$2,580,888	\$15,428,000	\$13,980,000	\$10,000,000	\$10,000,000	\$13,000,000	\$64,988,888

PRIOR-YEAR COMPLETED/DELETED PROJECT SUMMARY

PROJ #	PROJECT	PRIOR YEARS	FISCAL YEAR 2016-17	FISCAL YEAR 2017-18	FISCAL YEAR 2018-19	FISCAL YEAR 2019-20	FISCAL YEAR 2020-21	TOTAL	REASON DROPPED
1	Building Demolition	0	700,000	0	0	0	0	\$700,000	Completed
2	Construct Administration and Operations Building	0	0	0	0	0	2,200,000	\$2,200,000	Canceled
6	Fuel Farm Site Mitigation and Grading	0	250,000	2,250,000	0	0	0	\$2,500,000	Completed
7	Mechanical/HVAC Rehabilitation	0	251,100	0	0	0	0	\$251,100	Completed
8	Mather Roofing Projects	0	621,000	0	0	0	0	\$621,000	Completed
10	Rehabilitate Taxiway "D"	0	0	0	0	0	880,000	\$880,000	Pushed to FY 22-23
15	West Cargo Apron Lighting Improvements	0	705,000	0	0	0	0	\$705,000	Canceled
	TOTAL	\$0	\$2,527,100	\$2,250,000	\$0	\$0	\$3,080,000	\$7,857,100	

Assess, Develop Alternatives and Design for a Consolidated Airfield Maintenance and Aircraft Rescue Firefighting (ARFF) Facility

10425 Norden Avenue, Mather, CA 95655

Project #1

Department: Airports (Mather Airport) **Estimated Project Cost:** \$1,380,000

Expected Completion Date: 2019 Funding Sources: Airport Capital Improvement

Fund

Project Description:

This project will assess alternatives and provide design for a consolidated Airfield Maintenance and ARFF facility and determine requirements for construction.

Assess, Develop, alteratives and Design for a consolidated Airfield Maintenace and ARFF Facility

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	0	0	0	0	0
Project Management/ Design (In-							
House)	0	0	13,800	0	0	0	13,800
Project Management/ Design			•				·
(Consultant)	0	0	1,366,200	0	0	0	1,366,200
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	1,380,000	0	0	0	1,380,000
	Prior	Fiscal Year					
Funding Sources	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement Fund	0	0	1,380,000	0	0	0	1,380,000
Federal Funds	0	0	0	0	0	0	0
TOTAL	0	0	1,380,000	0	0	0	1,380,000

Analysis Done	Analysis Results
Operating budget impact analyzed	This project allows the Department to analyze the requirements, functions and tasks needed to construct a consolidated facility.
	This project will be funded by the Airports' Enterprise Fund.

Extend Runway 4L/22R

10425 Norden Avenue, Mather, CA 95655

Project #2

Department: Airports (Mather Airport) **Estimated Project Cost:** \$10,000,000

Expected Completion Date: 2019 Funding Sources: Airport Capital Improvement

Fund and Federal Funds

Project Description:

This project will extend Runway 4L/22R to the west by approximately 1,000 feet to comply with Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A.

Extend Runway 4L/22R, Construction

	Prior	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs Project Management/ Design (In-	0	0	8,800,000	0	0	0	8,800,000
House) Project Management/ Design	0	0	100,000	0	0	0	100,000
(Consultant)	0	0	200,000	0	0	0	200,000
Construction Fees and Services	0	0	800,000	0	0	0	800,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	100,000	0	0	0	100,000
TOTAL	0	0	10,000,000	0	0	0	10,000,000
Funding Sources	Prior Years	Fiscal Year 2017-18	2018-19	Fiscal Year 2019-20	2020-21	Fiscal Year 2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement Fund Federal Funds	0	0	9,000,000	0	0	0	9,000,000
TOTAL	0	0	10,000,000	0	0	0	10,000,000

1 10,000 7 4141 90101					
Analysis Done	Analysis Results				
Operating budget impact	This project is needed to accommodate operational requirements.				
analyzed	This project will be funded by the Airports' Enterprise Fund and a				
	FAA Airport Improvement Program grant.				

REVISED

Rehabilitate the General Aviation Apron and Drainage Improvements

10425 Norden Avenue, Mather, CA 95655

Project #3

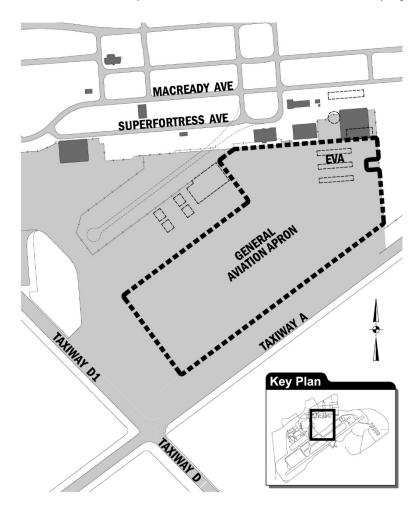
Department: Airports (Mather Airport) **Estimated Project Cost:** \$9,439,936

Expected Completion Date: 2022 Funding Sources: Airport Capital Improvement

Fund and Federal Funds

Project Description:

This project will rehabilitate a portion of the general aviation apron and construct the necessary drainage improvements. The current pavement conditions necessitate this project.



Rehabilitate the General Aviation Apron and Drainage Improvements

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	5,517,000	0	0	0	2,500,000	8,017,000
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	207,132	450,000	0	0	0	300,000	957,132
Construction Fees and Services	15,804.00	250,000	0	0	0	200,000	465,804
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	222,936	6,217,000	0	0	0	3,000,000	9,439,936
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
	000.000	0.47.000				202.222	4 000 000
Airport Capital Improvement Fund	222,936	817,000		0		600,000	1,639,936
Federal Funds	0	5,400,000	0	0	0	2,400,000	7,800,000
TOTAL	222,936	6,217,000	0	0	0	3,000,000	9,439,936

Analysis Done	Analysis Results
Operating budget impact analyzed	The purpose of this multi-year project is to rehabilitate the existing general aviation pavement section which has reached the end of its useful life. Also included in the scope of this project is to install new underground storm drain pipe to improve the drainage of the general aviation apron and to meet future development needs. The project will reduce the future maintenance cost of the general aviation apron and will be funded by the Airports' Enterprise Fund and Federal Aviation Administration Airport Improvement Program (AIP) grant.

Runway 4R/22L - Special Authorization (SA) Category II System Including Airfield Lighting System Upgrade Design

10425 Norden Avenue, Mather, CA 95655

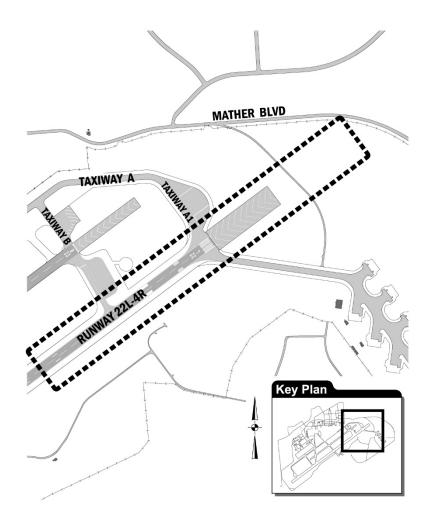
Project #4

Department: Airports (Mather Airport) **Estimated Project Cost:** \$2,000,000

Fund

Project Description:

Design and construction of enhanced navigational aids for Runway 22L/4R Special Authorization Category II System.



Runway 4R/22L - Special Authorization (SA) Category II System Including Airfield Lighting System Upgrade Design

Estimated Project Costs	Prior Years	Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	- Total
Construction Costs	0	500,000	0	0	0	0	500,000
Project Management/ Design (In- House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	100,000	0	0	0	0	100,000
Construction Fees and Services	0	150,000	0	0	0	0	150,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	1,250,000	0	0	0	0	1,250,000
Other	0	0	0	0	0	0	0
TOTAL	0	2,000,000	0	0	0	0	2,000,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
					_		
Airport Capital Improvement Fund	0	2,000,000	0	0	0	0	2,000,000
TOTAL	0	2,000,000	0	0	0	0	2,000,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The purpose of this project is to enhanced navigational aids capabilities for the main runway to reduce diversions of cargo operations during periods of inclement weather. This project is needed in order to reduce the future maintenance cost and will be funded by the Airports' Enterprise Fund.

REVISED

Truemper Way, Design, Upgrades and Extension

10425 Norden Avenue, Mather, CA 95655

Project #5

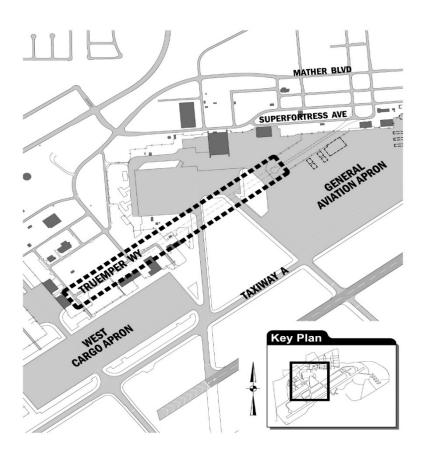
Department: Airports (Mather Airport) **Estimated Project Cost:** \$6,541,632

Expected Completion Date: 2019 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Planned for Fiscal Year 2016/17 into 2017/18 was upgrade of Truemper Way adjacent to the air cargo apron. These upgrades included wider roadway, sidewalks, curb and gutter as well as upgraded utilities under the pavement to serivce existing tenants and future development. Phase two Truemper Extension includes the roadway extension, underground utilities and other infrastructure upgrades.



Truemper Way, Design, Upgrades and Extension

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	375,997	2,224,000	2,300,000	0	0	0	4,899,997
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	666,228	500,000	100,000	0	0	0	1,266,228
Construction Fees and Services	160,047	0	200,000	0	0	0	360,047
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	15,360	0	0	0	0	0	15,360
TOTAL	1,217,632	2,724,000	2,600,000	0	0	0	6,541,632
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	1,217,632	2,724,000	2,600,000	0	0	0	6,541,632
Federal Funds TOTAL	1, 217,632	0 2,724,000	2, 600,000	0	0	0 0	6,5 41,632

Analysis Done	Analysis Results
Operating budget impact analyzed	This project will provide access for planned development along the new flightline. All phases are included in the Airports' Enterprise Fund.

Overlay Runway 4L/22R and Extension, Environmental and Design; Construction

10425 Norden Avenue, Mather, CA 95655

Project #6

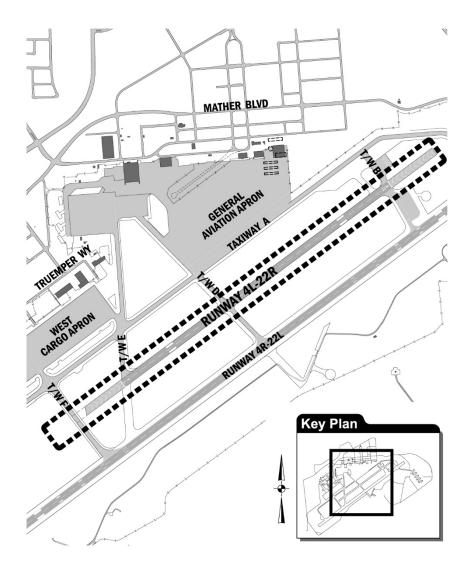
Department: Airports (Mather Airport) **Estimated Project Cost:** \$11,000,000

Expected Completion Date: 2020 Funding Sources: Airport Capital Improvement

Fund and Federal Funds

Project Description:

This project will overlay Runway 4L/22R, construct new pavement shoulders and extend the length of the runway to comply with Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A Airport Design.



Overlay Runway 4L/22R and extension, Environmental and Design; Construction

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	0	9,550,000	0	0	9,550,000
House) Project Management/ Design	0	250,000	0	0	0	0	250,000
(Consultant)	0	750,000	0	100,000	0	0	850,000
Construction Fees and Services	0	0	0	350,000	0	0	350,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	1,000,000	0	10,000,000	0	0	11,000,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	. 0	1,000,000	•	10,000,000		0	11,000,000
TOTAL	0	1,000,000		10,000,000		0	11,000,000

i Toject Analysis.	-
Analysis Done	Analysis Results
Operating budget impact analyzed	This multi-year project includes the design and construction of pavement rehabilitation and the extension of Runway 4L/22R to the west. Funding in Fiscal Year 2017-18 is for environmental and design with construction being planned for Fiscal Year 2019-20. This project is necessary and needs to be completed in order to initiate the temporary closure of the main runway, Runway 4R/22L, for major pavement rehabilitation. This project will be funded by the Airports' Enterprise Fund, and the Airports' plans to seek Airport Improvement Program funding to supplement funding needs.

REVISED

Rehabilitate Asphalt/Concrete Section for Runway 4R/22L, Environmental and Design; Construction Part 1 and Part 2

10425 Norden Avenue, Mather, CA 95655

Project #7

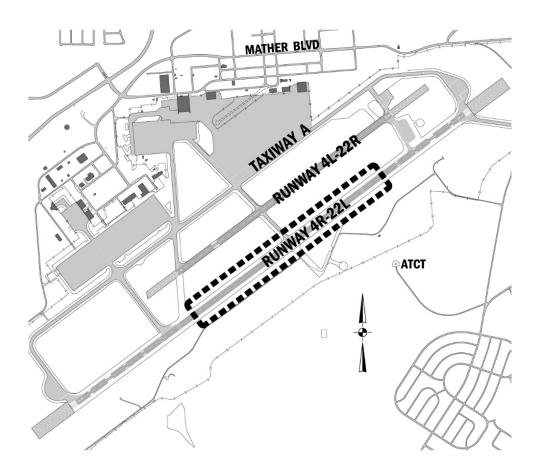
Department: Airports (Mather Airport) **Estimated Project Cost:** \$21,000,000

Expected Completion Date: 2022 Funding Sources: Airport Capital Improvement

Fund and Federal Funding

Project Description:

This project will rehabilitate the asphaltic concrete section of Runway 4R/22L to comply with Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A Airport Design.



Rehabilitate Asphalt/Concrete Section for Runway 4R/22L, Environmental and Design; Construction Part 1 and Part 2

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	0	0	9,450,000	9,450,000	18,900,000
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	980,000	0	0	200,000	200,000	1,380,000
Construction Fees and Services	0	10,000	0	0	350,000	350,000	710,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	10,000	0	0	0	0	10,000
TOTAL	0	1,000,000	0	0	10,000,000	10,000,000	21,000,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	1,000,000	0	0	10,000,000	10,000,000	21,000,000
Federal Funds	0	0	0	0	0	0	0
TOTAL	0	1,000,000	0	0	10,000,000	10,000,000	21,000,000

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Analysis Done	Analysis Results
Operating budget impact analyzed	This multi-year project includes the design and construction of rehabilitated asphalt concrete section for Runway 4R/22L. Funding in Fiscal Year 2017-18 is budgeted for environmental review and design, and construction is planned for Fiscal Year 2020-21. The pavement rehabilitation is needed to reduce future maintenance costs and will be funded by the Airports' Enterprise Fund, additionally, the Department plans to seek Airport Improvement Program grant funding to supplement funding needs.

Repair of Localized Failed Pavement Sections of Runway 4R/22L

10425 Norden Avenue, Mather, CA 95655

Project #8

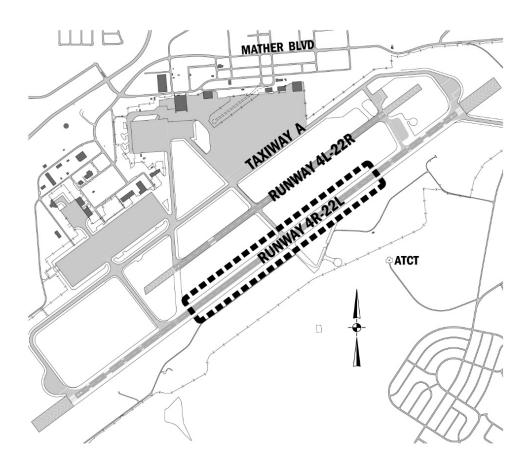
Department: Airports (Mather Airport) **Estimated Project Cost:** \$2,000,000

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvement

Fund

Project Description:

The project will repair the failed pavement sections of Runway 4R/22L.



Repair of Localized Failed Pavement Sections of Runway 4R/22L

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs Project Management/ Design (In-	0	1,600,000	0	0	0	0	1,600,000
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	200,000	0	0	0	0	200,000
Construction Fees and Services	0	200,000	0	0	0	0	200,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	2,000,000	0	0	0	0	2,000,000
Funding Sources	Prior Years	Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement Fund	0	2,000,000	0	0	0	0	2,000,000
TOTAL	0	2,000,000	0	0	0	0	2,000,000

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Analysis Done	Analysis Results
Operating budget impact	This project is needed to ensure the existing pavement section
analyzed	will support the added aircraft traffic while a second runway,
	Runway 4L/22R, is closed for extension and pavement
	rehabilitation. This project will be funded by the Airports'
	Enterprise Fund.

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Rehabilitate Taxiway "B" North

3745 Whitehead Street, Mather, CA 95655-4100

Project #1 New

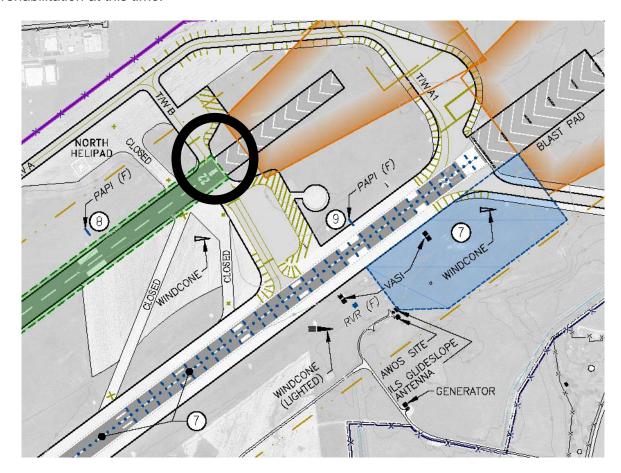
Department: Airports (Mather Airport) **Estimated Project Cost:** \$1,627,320

Expected Completion Date: 2017 Funding Sources: Airport Capital Improvement

Fund and Federal Funds

Project Description:

This project will rehabilitate the northern portion of Taxiway B, which connects Taxiway A and the general aviation area to both runways. The conditions of the taxiway necessitate rehabilitation at this time.



Rehabilitate Taxiway "B" North

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	847,595	487,000	0	0	0	0	1,334,595
Project Management/ Design (In- House) Project Management/ Design	33,945	0	0	0	0	0	33,945
(Consultant)	113,042	0	0	0	0	0	113,042
Construction Fees and Services	144,024	0	0	0	0	0	144,024
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	1,714	0	0	0	0	0	1,714
TOTAL	1,140,320	487,000	0	0	0	0	1,627,320

Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement							
Fund	143,396	487,000	0	0	0	0	630,396
Federal Funds	996,924	0	0	0	0	0	996,924
TOTAL	1,140,320	487,000	0	0	0	0	1,627,320

Analysis Done	Analysis Results
Operating budget impact	The Project will result in a decrease in operating costs due to less
analyzed	maintenance. Funds are included in the Airports' Enterprise Fund
	and supplemented with a Federal Aviation Administration Airport
	Improvement Program (AIP) grant.

* REVISED

PROJECT SUMMARY

	Projects not appearing on p	orevious Fi	ve Year Ca _l	pital Improv	vement Pro	gram are h	ighlighted	
PROJ #	PROJECT	Prior Years	FISCAL YEAR 2017-18	FISCAL YEAR 2018-19	FISCAL YEAR 2019-20	FISCAL YEAR 2020-21	FISCAL YEAR 2021-22	TOTAL
1	Airfield Maintenance Facility Construction	0	0	0	6,200,000	0	0	\$6,200,000
2	Automated Passport Control Equipment	0	187,000	0	0	0	0	\$187,000
3	Campuswide Sustainable Landscape Modification	2,040,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	\$12,040,000
4	Carwash Renovations	0	480,000	0	0	0	0	\$480,000
5	Common Use Personal Computer (PC) Replacement	0	255,000	0	0	0	0	\$255,000
6*	Economy Lot Rehabilitation, Design and Construction Phase 1	150,000	5,000,000	0	0	0	0	\$5,150,000
7*	Equipment Acquisition (1)	2,899,500	3,048,400	2,500,000	0	0	0	\$8,447,900
8*	Equipment Storage Structures Airside	20,000	1,330,000	0	0	0	0	\$1,350,000
9	Landside Roadways Pavement Rehabilitation Project, Construction Phase One of Two	0	725,000	1,800,000	0	0	0	\$2,525,000
10*	Light Emitting Diode (LED) Retrofit, Phase Two Roadway, Phase Three Exterior Facility	856,000	0	1,550,000	0	0	0	\$2,406,000
11	New Aircraft Rescue Firefighting Facility Replacement, Design and Construction	0	0	1,000,000	10,000,000	0	0	\$11,000,000
12	Operating Procedures Outline Sheet (OPOS) and Occupational Safety and Health Administration Safety Improvements for Terminals A and B	0	400,000	0	0	0	0	\$400,000
13	Overlay & Widen Earhart Drive (North Airfield)	0	0	0	2,500,000	0	0	\$2,500,000
14	Overlay Airport Entrance Roads from Interstate 5 Interchange to Terminals A and B	0	0	0	0	1,000,000	0	\$1,000,000
15	Overlay and widen CY Homer Road	0	0	2,500,000	0	0	0	\$2,500,000
16	Park Maintenance Washrack/Mixing Station at the Physical Plant Maintenance Building	0	500,000	0	0	0	0	\$500,000
17	Perimeter Fencing Increase from 6' to 8' (16,000 linear feet approximately)	0	0	800,000	0	0	0	\$800,000
18*	Physical Plant Maintenance Building parking lot and traffic flow access Improvements	0	0	0	0	0	0	\$0
19	Replacement Jet Bridges at Terminal A	0	5,000,000	4,500,000	0	0	0	\$9,500,000
20*	Rehabilitate Runway 16R-34LConstruction	120,000	1,880,000	10,000,000	30,000,000	0	0	\$42,000,000
21	Rehabilitation of Air Cargo Apron design and Construction	0	1,000,000	0	0	0	0	\$1,000,000
22	Remain Overnight (RON)/Deicing Apron Construction	0	0	0	0	0		

⁽¹⁾ Equipment to be used at any of the four Airports of the Sacramento County Airport System as needed.

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PROJ #	PROJECT	Prior Years	FISCAL YEAR 2017-18	FISCAL YEAR 2018-19	FISCAL YEAR 2019-20	FISCAL YEAR 2020-21	FISCAL YEAR 2021-22	TOTAL
23	Rental Car Terminal Building Rehabilitation	0	0	1,500,000	0	0	0	\$1,500,000
24	Shuttle Bus Replacement to Electric, Phase One Acquisition, Phase Two Infrastructure	0	2,600,000	2,500,000	0	0	0	\$5,100,000
25	Strengthen & Overlay South Portion of Taxiway "A" and Connecting Taxiways to Runway 16R	0	0	0	0	3,000,000	20,000,000	\$23,000,000
26	Terminal A Cooling Tower Replacement	0	0	220,000	0	0	0	\$220,000
27*	Terminal A Elevator Rehabilitation	0	0	600,000	600,000	600,000	0	\$1,800,000
28	Terminal / Concourse A Restroom Rehabilitation, Design	0	750,000	0	0	0	0	\$750,000
29	West Airfield Apron Rehabilitation	0	0	0	1,250,000	10,750,000	0	\$12,000,000
30	Work Order System Management Software Package Implementation / Identification Management System Implementation	0	1,000,000	0	0	0	0	\$1,000,000
1 New*	Fuel Management Systsem Upgrades	3,997	480,000	0	0	0	0	\$483,997
2 New*	Parking Revenue Control System	3,995,543	165,000	0	0	0	0	\$4,160,543
3 New*	Rehabilitate Taxiway D and Connections to Runway 16L (East Taxiways Improvements)	35,326,774	2,300,000	0	0	0	0	\$37,626,774
4 New*	Security Gate Enhancements	12,216	138,000	0	0	0	0	\$150,216
5 New*	Terminal Aggregation Distribution Alignment	0	780,000	0	0	0	0	\$780,000
6 New*	Terminal A Compactor Site Improvements	85,533	115,000					\$200 ,533
7 New*	Terminal and Concourse A Furniture and Renovations, Phase II	622,000	4,200,000	0	0	0	0	\$4,822,000
8 New*	Terminal Office Space and Tenant Space Improvements	2,320	1,000,000	0	0	0	0	\$1,002,320
9 New*	West Apron Improvements	2,000,000	2,600,000	0	0	0	0	\$4,600,000
10 New*	Parking Lot Improvements	0	1,050,000	0	0	0	0	\$1,050,000
	Total	\$48,133,883	\$38,983,400	\$31,470,000	\$52,550,000	\$17,350,000	\$32,000,000	\$220,487,283

REVISED

PRIOR-YEAR COMPLETED/DELETED PROJECT SUMMARY

PROJ #	PROJECT	PRIOR YEARS	FISCAL YEAR 2016-17	FISCAL YEAR 2017-18	FISCAL YEAR 2018-19	FISCAL YEAR 2019-20	FISCAL YEAR 2020-21	TOTAL	REASON DROPPED
3	Autoclave and Boiler Replacement	0	250,000	0	0	0	0	\$250,000	Completed
5	Closed Circuit Video Surveillance System Replacement	0	302,000	0	0	0	0	\$302,000	Completed
6	Common Use Platform System - Integrated Electronic Aviation System (IEAS) Replacement	0	0	0	0	2,000,000	0	\$2,000,000	Cancelled
7	Compressed Natural Gas Station Improvements	0	200,000	0	0	0	0	\$200,000	Completed
9	East and West Exit Lane Technology	3,000,000	1,000,000	0	0	0	0	\$4,000,000	Completed
11	Electric Vehicle Chargers	0	0	100,000	0	0	0	\$100,000	Cancelled
16	Mechanical System Upgrades and Replacements	0	999,900	0	0	0	0	\$999,900	Completed
21	Oxidation Pond Remediation	0	2,500,000	0	0	0	0	\$2,500,000	Completed
22	Parking Lot Improvements	0	0	1,000,000	1,000,000	5,000,000	0	\$7,000,000	Cancelled
24	Pavement Rehabilitation	0	0	0	0	5,000,000	0	\$5,000,000	Cancelled
25	Redundant Network Path and MPOE	0	200,000	0	0	0	0	\$200,000	Completed
34	SMF Roofing Projects	0	451,000	0	0	0	0	\$451,000	Completed
37	Taxiway A Extension	0	0	3,000,000	0	0	0	\$3,000,000	Cancelled
38	Terminal A 1st Floor Renovations	0	500,000	0	0	0	0	\$500,000	Completed
42	Terminal A Fireproofing	0	500,000	0	0	0	0	\$500,000	Cancelled
44	Terminal B Public Parking Lot Exit Plaza	0	0	500,000	0	0	0	\$500,000	Cancelled
	TOTAL	\$3,000,000	\$6,902,900	\$4,600,000	\$1,000,000	\$12,000,000	\$0	\$27,502,900	

Airfield Maintenance Facility Construction

6900 Airport Boulevard, Sacramento, CA 95837

Project #1

Department: Airports (International Airport) **Estimated Project Cost:** \$6,200,000

Expected Completion Date: 2020 Funding Sources: Airport Capital Improvement

Fund and Federal Funds

Project Description:

Construction of a new airfield maintenance equipment facility.

Airfield Maintenance Facility Construction

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	0	5,450,000	0	0	5,450,000
House) Project Management/ Design	0	0	0	60,000	0	0	60,000
(Consultant)	0	0	0	150,000	0	0	150,000
Construction Fees and Services	0	0	0	500,000	0	0	500,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	40,000	0	0	40,000
TOTAL	0	0	0	6,200,000	0	0	6,200,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	0	0	6,200,000	0	0	6,200,000
Federal Funds	0	0	0	0	0	0	0
TOTAL	0	0	0	6,200,000	0	0	6,200,000

Analysis Done	Analysis Results
Operating budget impact	The existing facility is no longer adequate to accommodate the
analyzed	larger airfield maintenance equipment thus a new facility is
	needed. The project will address the operational needs and will
	be funded by the Airports' Enterprise Fund.

Automated Passport Control Equipment

6900 Airport Boulevard, Sacramento, CA 95837

Project #2

Department: Airports (International Airport) **Estimated Project Cost:** \$187,000

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvement

Fund and Federal Funds

Project Description:

Automated Passport Control (APC) is a U.S. Customs and Border Protection (CBP) program that expedites the entry process for U.S., Canadian and eligible Visa Waiver Program international travelers by providing an automated process through CBP's Primary Inspection area. Travelers use self-service kiosks to respond to CBP inspection related questions and submit biographic information. APC is a free service, does not require pre-registration or membership, and maintains the highest levels of protection when it comes to the handling of personal data or information.

Automated Passport Control Equipment

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	0	0	0	0	0
Project Management/ Design (In-							
House)	0	0	0	0	0	0	0
Project Management/ Design							
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	185,130	0	0	0	0	185,130
Other	0	1,870	0	0	0	0	1,870
TOTAL	0	187,000	0	0	0	0	187,000
	Prior	Fiscal Year					
Funding Sources	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement Fund	0	187,000	0	0	0	0	187,000
Federal Funds		0	0	0	0	0	0
TOTAL	0	187,000	0	0	0	0	187,000

Analysis Done	Analysis Results
Operating budget impact analyzed	This project is intended to reduce international travelers wait times and congestion, automating the processing, also further
	speed up processing which ultimately reduces staff. This project will be funded by the Airports Enterprise Fund.

Campuswide Sustainable Landscape Modification

6900 Airport Boulevard, Sacramento, CA 95837

Project #3

Department: Airports (International Airport) **Estimated Project Cost:** \$12,040,000

Expected Completion Date: 2022 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Construction of a multi-phased project for campuswide turf reduction and landscaping renovation.



Campuswide Sustainable Landscape Modification, Year 1 of 5-Year CIP

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	1,740,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	10,490,000
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	150,000	100,000	100,000	100,000	100,000	100,000	650,000
Construction Fees and Services	150,000	150,000	150,000	150,000	150,000	150,000	900,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	2,040,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,040,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	2,040,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,040,000
TOTAL	2,040,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,040,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The intent of this campus-wide multi-year landscaping modification project is a part of Airports' sustainability efforts to reduce water usage. The project will be funded by the Airports' Enterprise Fund.

Car Wash Renovations

6900 Airport Boulevard, Sacramento, CA 95837

Project #4

Department: Airports (International Airport) **Estimated Project Cost:** \$480,000

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvement

Fund and Federal Funds

Project Description:

Replace equipment which has reached the end of its useful life and upgrade the facility to accommodate the more modern equipment. This will allow continued use as required by Airport Personnel.

Car Wash Renovations

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	0		0	0	0
House) Project Management/ Design	0	9,600	0	0	0	0	9,600
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	4,800	0	0	0	0	4,800
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	465,600	0	0	0	0	465,600
Other	0	0	0	0	0	0	0
TOTAL	0	480,000	0	0	0	0	480,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	480,000	0	0	0	0	480,000
Federal Funds	0	400,000	0	•	0	0	0
TOTAL	0	480,000	0	0	0	0	480,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The existing car wash equipment has reached its useful life and needs to be replaced. The car wash is needed to support Airports' vehicle fleet. This project will be funded by the Airports' Enterprise Fund.

Common Use Personal Computer (PC) Replacement

6900 Airport Boulevard, Sacramento, CA 95837

Project #5

Department: Airports (International Airport) **Estimated Project Cost:** \$255,000

Fund

Project Description:

To meet airlines operational requirements, the common use computers in airline common use areas will need to be replaced as these computers have become obsolete.

Common Use PC Replacement

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	0	0	0	0	0
House) Project Management/ Design	0	1,000	0	0	0	0	1,000
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	254,000	0	0	0	0	254,000
Other	0	0	0	0	0	0	0
TOTAL	0	255,000	0	0	0	0	255,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	255,000	0	0	0	0	255,000
TOTAL	0	255,000	0	0	0	0	255,000

<u> </u>	
Analysis Done	Analysis Results
Operating budget impact	This project will ensure the airlines have the appropriate equipment
analyzed	to meet their operational needs as well as reducing maintenance calls and costs. The project is funded by the Airports' Enterprise
	Fund.

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Economy Lot Rehabilitation, Design and Construction Phase 1

6900 Airport Boulevard, Sacramento, CA 95837

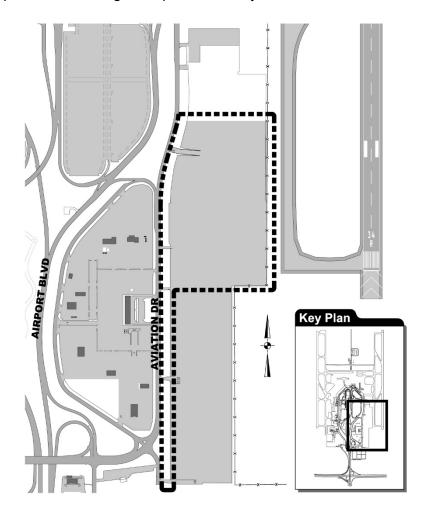
Project #6

Department: Airports (International Airport) **Estimated Project Cost:** \$5,150,000

Improvement Fund

Project Description:

Project will design and construct drainage improvements for the north portion of the Economy Lot to minimize the seasonal closures due to excessive ponding in various areas including non-pavement. The subsequent phase will pave the currently unpaved portion of the lot. Utlimately this project will produce a drainage and payment study for future use.



Economy Lot Rehabilitation, Construction Phase 1

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	4,200,000	0	0	0	0	4,200,000
Project Management/ Design (In-							
House)	0	50,000	0	0	0	0	50,000
Project Management/ Design							
(Consultant)	150,000	250,000	0	0	0	0	400,000
Construction Fees and Services	0	450,000	0	0	0	0	450,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	50,000	0	0	0	0	50,000
TOTAL	150,000	5,000,000	0	0	0	0	5,150,000
	Prior	Fiscal Year					
Funding Sources	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
•	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement							
Fund	150,000	5,000,000	0	0	0	0	5,150,000
Federal Funds	0	0	0	0	0	0	0
TOTAL	150,000	5,000,000	0	0	0	0	5,150,000

Analysis Done	Analysis Results
Operating budget impact	This project is intended to mitigate the flooding issues in the north
analyzed	portion of the Economy Lot during moderate to heavy rain events.
	This project will reduce the future maintenance costs of this
	parking lot and will be funded by the Airports' Enterprise Fund.

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Equipment Acquisition

6900 Airport Boulevard, Sacramento, CA 95837

Project #7

Department: Airports (International Airport) **Estimated Project Cost:** \$8,447,900

Expected Completion Date: 2019 **Funding Sources:** Airport Capital Improvement

Fund

Project Description:

This is a multi-year program to replace fleet service vehicles maintained by Airports that have reached their service life.

Equipment Acquisition

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	0	0	0	0	0
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	2,899,500	3,048,400	2,500,000	0	0	0	8,447,900
Other	0	0	0	0	0	0	0
TOTAL	2,899,500	3,048,400	2,500,000	0	0	0	8,447,900
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	2,899,500	3,048,400	2,500,000	0	0	0	8,447,900
Federal Funds TOTAL	2,899,500	3,048,400	2,500,000		0	0	8,447,900

Analysis Done	Analysis Results
Operating budget impact analyzed	Replacement of vehicles that have reached the end of their service life is needed to ensure Airport operational needs are met. This multi-year project will be funded under the Airports' Enterprise Fund.

REVISED

Equipment Storage Structures Airside

6900 Airport Boulevard, Sacramento, California 95837

Project #8

Department: Airports (International Airport) **Estimated Project Cost:** \$1,350,000

Fund

Project Description:

Construct a storage facility for equipment within the existing Yard.



Equipment Storage Structures

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	20,000	1,030,000	0	0	0	0	1,050,000
Project Management/ Design (In- House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	135,000	0	0	0	0	135,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	165,000	0	0	0	0	165,000
TOTAL	20,000	1,330,000	0	0	0	0	1,350,000

Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	20,000	1,330,000	0	0	0	0	1,350,000
Federal Funds	0	0	0	0	0	0	0
TOTAL	20,000	1,330,000	0	0	0	0	1,350,000

Analysis Done	Analysis Results
Operating budget impact	The purpose of this project is to design and construct a new
analyzed	equipment storage facility. The Airports currently do not have an
	equipment storage facility large enough to store recently procured
	large airfield maintenance and construction equipment. This project
	will provide protection from additional wear and tear associated with
	exposure to weather and will be funded by Airport' Enterprise Fund.

Landside Roadway Pavement Rehabilitation Project, Phase 1 of 2

6900 Airport Boulevard, Sacramento, CA 95837

Project #9

Department: Airports (International Airport) **Estimated Project Cost:** \$2,525,000

Expected Completion Date: 2019 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Design and construction for rehabilitation of roadway pavement for Citation Way, General Aviation Roadways (Lear, Flightline), Crossfield south bound loop ramp, North Bayou Way, and the realignment of the Vehicle Service Road adjacent to Cessna Citation.

Landside Roadway Pavement Rehabilitation Project, Phase 1 of 2

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs Project Management/ Design (In-	0	630,000	1,630,000	0	0	0	2,260,000
House) Project Management/ Design	0	20,000	20,000	0	0	0	40,000
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	75,000	150,000	0	0	0	225,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	725,000	1,800,000	0	0	0	2,525,000
Funding Sources	Prior Years	Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement Fund	0	725,000	1,800,000	0	0	0	2,525,000
TOTAL	0	725,000	1,800,000	0	0	0	2,525,000

Analysis Done	Analysis Results
Operating budget impact	Numerous roadways on the Sacramento International Airport
analyzed	campus are in need of rehabilitation or preventative maintenance. It is planned to complete the rehabilitation or preventative
	maintenance over a two-year timeframe and the project will be
	funded by the Airports' Enterprise Fund.

REVISED

Light Emitting Diode (LED) Retrofit, Roadway Phase 2 Roadway, Phase 3 Exterior Facility

6900 Airport Boulevard, Sacramento, CA 95837

Project #10

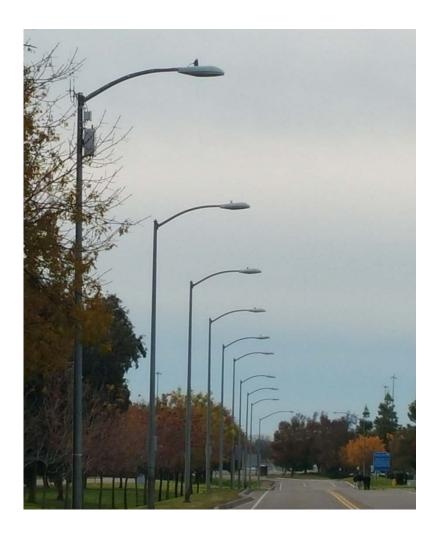
Department: Airports (International Airport) **Estimated Project Cost:** \$2,406,000

Expected Completion Date: 2020 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Final phase of a multi-phase project to retrofit and replace various outdoor lighting fixtures to energy efficient LED.



Lighting LED Retrofit, Phase 2 Roadway, Phase 3 Exterior Facility

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	856,000	0	500,000	0	0	0	1,356,000
Project Management/ Design (In-			_	_		_	
House)	0	0	0	0	0	0	0
Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	200,000	0	0	0	200,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	850,000	0	0	0	850,000
Other	0	0	0	0	0	0	0
TOTAL	856,000	0	1,550,000	0	0	0	2,406,000
Funding Sources	Prior Years Expenses	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Fiscal Year 2022-23 Budget	Total
Airport Capital Improvement Fund Federal Funds	856,000 0	0	1,550,000	0	0	0	2,406,000
TOTAL	856,000	0	1,550,000	0	0	0	2,406,000

<u> </u>	
Analysis Done	Analysis Results
Operating budget impact	This project is a part of the Airports' on-going sustainability efforts.
analyzed	The investment to convert existing exterior lighting elements to
	LED will be funded by the Airports' Enterprise Fund. The
	investment will be recovered in about eight to nine years through
	savings in electricity cost.

New Aircraft Rescue Firefighting Facility (ARFF) Replacement, Design and Construction

6900 Airport Boulevard, Sacramento, CA 95837

Project #11

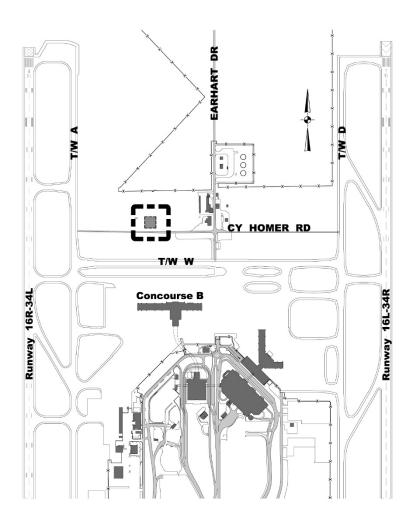
Department: Airports (International Airport) **Estimated Project Cost:** \$11,000,000

Expected Completion Date: 2020 **Funding Sources:** Airport Capital Improvement

Fund and Federal Funds

Project Description:

To design and construct a new facility for ARFF operations at the Airport within the Airport property.



New ARFF Facility Replacment Design and Construction

Estimated Project Costs	Prior Years	Fiscal Year 2017-18	Fiscal Year 2018-19	2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs Project Management/ Design (In-	0	0	0	9,350,000	0	0	9,350,000
House) Project Management/ Design	0	0	10,000	50,000	0	0	60,000
(Consultant)	0	0	910,000	100,000	0	0	1,010,000
Construction Fees and Services	0	0	80,000	500,000	0	0	580,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	1,000,000	10,000,000	0	0	11,000,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
		•			<u> </u>	· ·	
Airport Capital Improvement Fund	0	0	194,100	1,941,000	0	0	2,135,100
Federal Funds	0	0	805,900	8,059,000	0	0	8,864,900
TOTAL	0	0	1,000,000	10,000,000	0	0	11,000,000

Analysis Done	Analysis Results
Operating budget impact analyzed	ARFF operations are a regulatory and safety requirement for the Airport. The current facilities are outdated and undersized for currently procured equipment. This project is funded by both the Airports' Enterprise Fund and a FAA Airport Improvement Program grant.

Operating Procedures Outline Sheet (OPOS) and Occupational Safety and Health Administration (OSHA) Safety Improvements for Terminals A and B

6900 Airport Boulevard, Sacramento, CA 95837

Project #12

Department: Airports (International Airport) **Estimated Project Cost:** \$400,000

Fund

Project Description:

Design and install the required safety apparatuses needed to meet OPOS and OSHA requirements when performing cleaning and maintenance activities on terminal buildings.

Operating Procedures Outline Sheet (OPOS) and Occupational Safety and Health Administration (OSHA) Safety Improvements for OPOS and OSHA Safety Improvements for Terminals A and B

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs Project Management/ Design (In-	0	388,000	0	0	0	0	388,000
House) Project Management/ Design	0	4,000	0	0	0	0	4,000
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	8,000	0	0	0	0	8,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	400,000	0	0	0	0	400,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	400,000	0	0	0	0	400,000
Federal Funds	0	400,000	0	·	0	0	400,000
TOTAL	0	400,000	0	0	0	0	400,000

Analysis Done	Analysis Results					
Operating budget impact analyzed	The purpose of this project is to ensure safety while performing the maintenance or cleaning activities. This project will be funded by the Airports' Enterprise Fund.					

Overlay & Widen Earhart Drive (North Airfield)

6900 Airport Boulevard, Sacramento, CA 95837

Project #13

Department: Airports (International Airport) **Estimated Project Cost:** \$2,500,000

Expected Completion Date: 2020 Funding Sources: Airport Capital Improvement

Fund and Federal Funds

Project Description:

Widen the road to accommodate staff, service and construction vehicles that use Gate 7E to enter the back side of the airport. Overlay existing pavement improving the road condition.

Overlay and Widen Earhart Drive (North Airfield)

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	0	2,200,000	0	0	2,200,000
Project Management/ Design (In- House) Project Management/ Design	0	0	0	25,000	0	0	25,000
(Consultant)	0	0	0	50,000	0	0	50,000
Construction Fees and Services	0	0	0	200,000	0	0	200,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	25,000	0	0	25,000
TOTAL	0	0	0	2,500,000	0	0	2,500,000
	Prior	Fiscal Year					

Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund Federal Funds	0 0	0	0	_,,	0	0	2,500,000 0
TOTAL	0	0	0	2,500,000	0	0	2,500,000

Analysis Done	Analysis Results
Operating budget impact	The overlay will extend the useful life of the roadway. This project
analyzed	will be funded by the Airports' Enterprise Fund.

Overlay Airport Entrance Roads from I-5 Interchange to Terminals A & B

6900 Airport Boulevard, Sacramento, CA 95837

Project #14

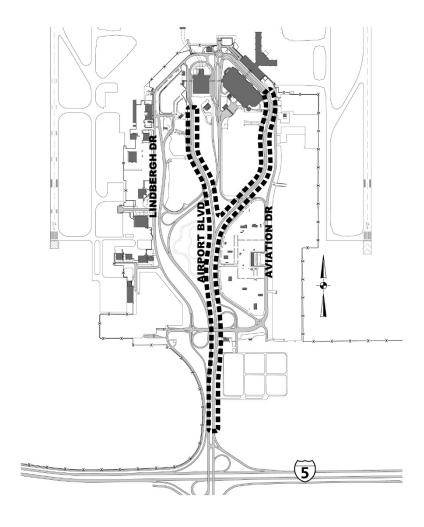
Department: Airports (International Airport) **Estimated Project Cost:** \$1,000,000

Expected Completion Date: 2021 **Funding Sources:** Airport Capital Improvement

Fund and Federal Funds

Project Description:

The project will overlay the Airport entrance roads from the Interstate 5 interchange to both Terminal A and B.



Overlay Airport Entrance Roads from I-5 Interchange to Terminals A & B

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	0	0	880,000	0	880,000
House) Project Management/ Design	0	0	0	0	10,000	0	10,000
(Consultant)	0	0	0	0	20,000	0	20,000
Construction Fees and Services	0	0	0	0	80,000	0	80,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	10,000	0	10,000
TOTAL	0	0	0	0	1,000,000	0	1,000,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	0	0	0	1,000,000	0	1,000,000
Federal Funds	0	0	0	0	0	0	0
TOTAL	0	0	0	0	1,000,000	0	1,000,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The purpose of this project is to continue the stewardship of the airport for users. This project will be funded by the Airports' Enterprise Fund.

Overlay and Widen CY Homer Road

6900 Airport Boulevard, Sacramento, CA 95837

Project #15

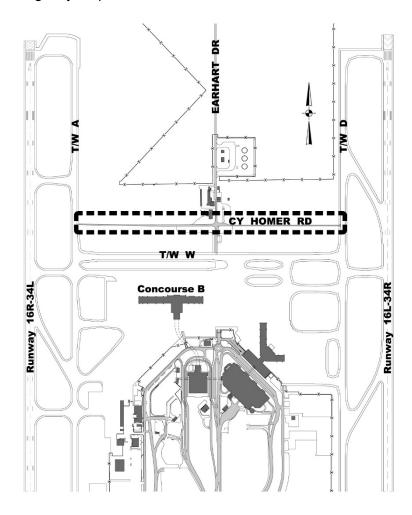
Department: Airports (International Airport) **Estimated Project Cost:** \$2,500,000

Expected Completion Date: 2019 **Funding Sources:** Airport Capital Improvement

Fund

Project Description:

CY Homer Road is the main access road for airfield operations and Aircraft Rescue and Fire Fighting (ARFF) to respond to operational needs and emergencies on the runway and taxiways. Due to the growing operations, this road is required to be widened to meet current and future for operational and emergency response needs.



Overlay and Widen CY Homer Road

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	2,200,000	0	0	0	2,200,000
House) Project Management/ Design	0	0	25,000	0	0	0	25,000
(Consultant)	0	0	50,000	0	0	0	50,000
Construction Fees and Services	0	0	200,000	0	0	0	200,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	25,000	0	0	0	25,000
TOTAL	0	0	2,500,000	0	0	0	2,500,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Almost Ossifellar			Ţ.				0.500.000
Airport Capital Improvement Fund Federal Funds	0	0	2,500,000	0	0	0	2,500,000
TOTAL	0	0	2,500,000		0	0	2,500,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The project will enhance operational efficiency and accommodate airport equipment adequately. This project will be funded by the Airports' Enterprise Fund.

Park Maintenance Washrack/Mixing Station at Physical Plant Maintenance (PPM)

6900 Airport Boulevard, Sacramento, CA 95837

Project #16

Department: Airports (International Airport) **Estimated Project Cost:** \$500,000

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Design and construction of a wash rack and mixing facility adjacent to the Physical Plant Maintenance (PPM) building for Parks Maintenance.

Park Maintenance Washrack/Mixing Station at Physical Plant Maintenance (PPM)

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs Project Management/ Design (In-	0	450,000	0	0	0	0	450,000
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	50,000	0	0	0	0	50,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	500,000	0	0	0	0	500,000
Funding Sources	Prior Years	Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Total
- unumg dourtes	Expenses	Budget	Budget	Budget	Budget	Budget	Total
Airport Capital Improvement Fund	0	500,000	0	0	0	0	500,000
TOTAL	0	500,000	0	0	0	0	500,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The existing wash rack and mixing facility can no longer accommodate newer equipment procured in the past few years, therefore, it does not meet regulatory requirements. New facilities are needed, and the project will be funded by the Airports' Enterprise Fund.

Perimeter Fencing Increase from Six Foot to Eight Foot (16,000 Linear Feet approximately)

6900 Airport Boulevard, Sacramento, CA 95837

Project #17

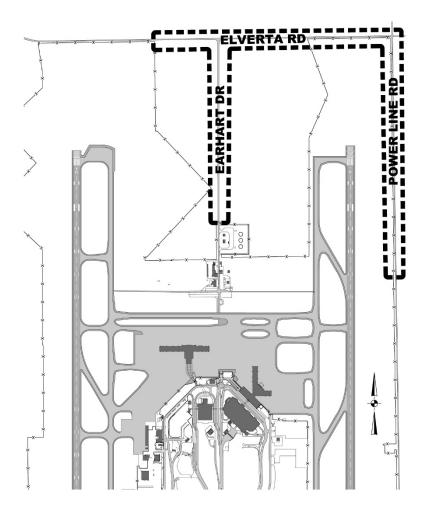
Department: Airports (International Airport) **Estimated Project Cost:** \$800,000

Expected Completion Date: 2019 Funding Sources: Airport Capital Improvement

Fund

Project Description:

In order to meet both Transportation Security Administration and Federal Aviation Administration requirements, the height of approximately 16,000 linear feet of airport security fencing along Power Line Road, Earhart Road and Elverta Road needs to be increased from six feet to eight feet.



Perimeter Fencing Increase from Six Foot to Eight Foot (16,000 Linear Feet approximately)

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	704,000	0	0	0	704,000
House) Project Management/ Design	0	0	8,000	0	0	0	8,000
(Consultant)	0	0	16,000	0	0	0	16,000
Construction Fees and Services	0	0	64,000	0	0	0	64,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	8,000	0	0	0	8,000
TOTAL	0	0	800,000	0	0	0	800,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	0	800,000	0	0	0	800,000
Federal Funds	0	0	0	0	0	0	0
TOTAL	0	0	800,000	0	0	0	800,000

Analysis Done	Analysis Results
Operating budget impact	This project is needed to meet Transportation Security
analyzed	Administration and Federal Aviation Administration requirements
	and to enhance airport security. This project will be funded by the
	Airport's Enterprise fund.

REVISED

Physical Plant Maintenance Building Parking Lot and Traffic Flow Access Improvements

6900 Airport Boulevard, Sacramento, CA 95837

Project #18

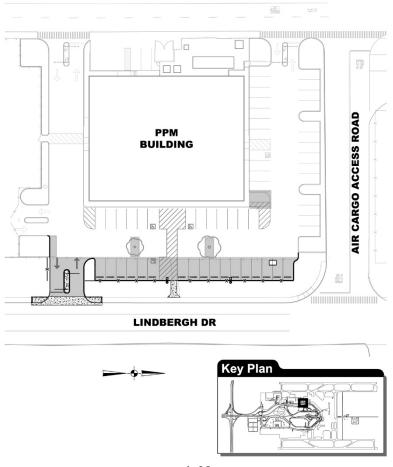
Department: Airports (International Airport) **Estimated Project Cost:** \$0

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvement

Fund

Project Description:

This project will modify the vehicle access to the Physical Plant Maintenance building, currently housing Airport staff, add a new driveway from Lindbergh into the parking lot, and provide additional parking spaces. The new driveway will alleviate the interactions between commercial and passenger vehicles, as both commercial and passenger vehicles share Air Cargo Access Road as the primary ingress and egress access, and ensure a safe environment for all users while still maintaining operational requirements.



Physical Plant Maintenance Building Parking Lot and Traffic Flow Access Improvements

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	0	0	0	0	0
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	0	0	0	0	0	0
Federal Funds	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

Analysis Done	Analysis Results
Operating budget impact analyzed	The intent of this project is to increase vehicle flow and safety in a widely used traffic flow area. This project will be funded by the Airports' Enterprise Fund.

REVISED

Replacement of Jet Bridges at Terminal A

6850 Airport Blvd, Sacramento, CA 95837

Project #19

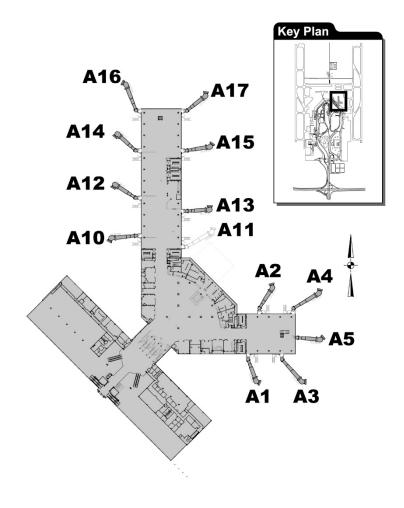
Department: Airports (International Airport) **Estimated Project Cost:** \$9,500,000

Expected Completion Date: 2018 **Funding Sources:** Airport Capital Improvement

Fund

Project Description:

This project will include the procurement of new jet bridges for Terminal A and construction of the site improvements needed to install the new jet bridges and to bring Gate A11 back into service.



Replacement of Jet Bridges at Terminal A

Estimated Project Costs	Prior Years	Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	1,000,000	0	0	0	0	1,000,000
Project Management/ Design (In- House)	0	0	0	0	0	0	0
Project Management/ Design	v	v	Ū	v	Ū	v	v
(Consultant)	400,000	0	0	0	0	0	400,000
Construction Fees and Services	100,000	250,000	0	0	0	0	350,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	4,000,000	3,750,000	0	0	0	0	7,750,000
Other	0	0	0	0	0	0	0
TOTAL	4,500,000	5,000,000	0	0	0	0	9,500,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
	-	<u>*</u>		<u> </u>	_	_	
Airport Capital Improvement Fund	4,500,000	5,000,000	0	0	0	0	9,500,000
TOTAL	4,500,000	5,000,000	0	0	0	0	9,500,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The existing jet bridges at Concourse A have reached the end of their useful life and need to be replaced. New jet bridges will
,	reduce the Maintenance and Operation (M&O) costs. This project will be funded by the Airports' Enterprise Fund.

REVISED

Rehabilitate Runway 16R-34L Construction

6900 Airport Boulevard, Sacramento, CA 95837

Project #20

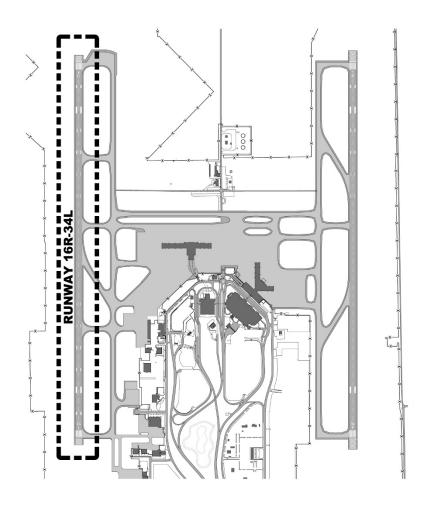
Department: Airports (International Airport) **Estimated Project Cost:** \$42,000,000

Expected Completion Date: 2020 **Funding Sources:** Airport Capital Improvement

Fund and Federal Funds

Project Description:

Design and construction for the full rehabilitation of pavement on Runway 16R/34L. Project will remove the existing asphalt concrete pavement section and replace it with a Portland cement concrete section to minimize future maintenance needs. Construction Federal funds are to be offered in Federal Fiscal Year 19-20 based on Federal Aviation Administration (FAA) grant timelines.



Rehabilitate Runway 16R-34L Construction

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	9,100,000	28,500,000	0	0	37,600,000
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	120,000	1,880,000	300,000	500,000	0	0	2,800,000
Construction Fees and Services	0	0	600,000	1,000,000	0	0	1,600,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	120,000	1,880,000	10,000,000	30,000,000	0	0	42,000,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	120,000	1,880,000	10,000,000	0	0	0	12,000,000
Federal Funds	0	0	0	30,000,000	0	0	30,000,000
TOTAL	120,000	1,880,000	10,000,000	30,000,000	0	0	42,000,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The purpose of the project is to replace the existing runway pavement section which has reached the end of its useful life. The project will also change the finished surface from asphalt to concrete to reduce future maintenance needs and will be funded through the Airports' Enterprise Fund. The Project is funded in the Airports' Enterprise Fund and supplemented by a FAA Airport Improvement Program grant.

Rehabilitation of Air Cargo Apron Design and Construction

6900 Airport Boulevard, Sacramento, CA 95837

Project #21

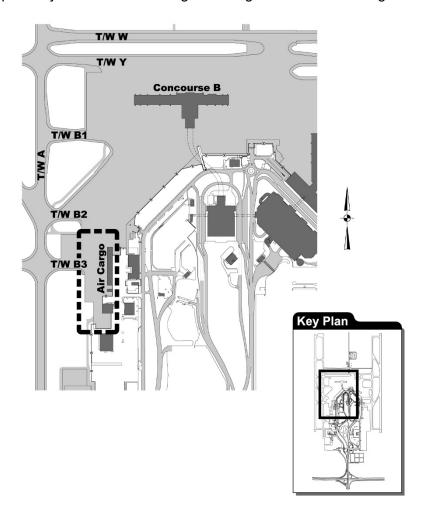
Department: Airports (International Airport) **Estimated Project Cost:** \$1,000,000

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Design and construction of pavement rehabilitation and drainage improvements on and around the Air Cargo Apron adjacent to the Air Cargo Building and United Air Cargo building.



Rehabilitation of Air Cargo Apron Design and Construction

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	800,000	0	0	0	0	800,000
Project Management/ Design (In- House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	100,000	0	0	0	0	100,000
Construction Fees and Services	0	100,000	0	0	0	0	100,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	1,000,000	0	0	0	0	1,000,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
	<u> </u>	Dudget	Daagot	Budgot	Duaget	Duaget	
Airport Capital Improvement Fund	0	1,000,000	0	0	0	0	1,000,000
TOTAL	0	1,000,000	0	0	0	0	1,000,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The purpose of this project is to rehabilitate the existing pavement section which has reached the end of its useful life and to mitigate drainage issues at the south end of the apron area. This project is needed to renew the pavement section in order to reduce future maintenance needs and will be funded through the Airports' Enterprise Fund.

Remain Overnight (RON)/Deicing Apron Construction

6900 Airport Boulevard, Sacramento, CA 95837

Project #22

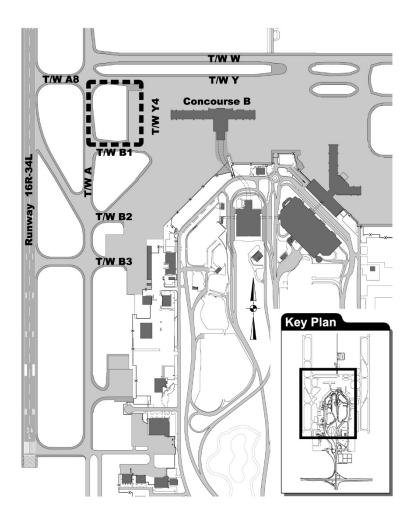
Department: Airports (International Airport) **Estimated Project Cost:** \$10,000,000

Expected Completion Date: 2022 **Funding Sources:** Airport Capital Improvement

Fund and Federal Funds

Project Description:

Design and construction of a dual-use Remain Overnight (RON) pad and designated deicing station west of Concourse B.



Remian Overnight /Deicing Apron Construction

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	0	0	0	8,950,000	8,950,000
Project Management/ Design (In- House) Project Management/ Design	0	0	0	0	0	500,000	500,000
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	500,000	500,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	50,000	50,000
TOTAL	0	0	0	0	0	10,000,000	10,000,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	0	0	0	0	1,941,000	1,941,000
Federal Funds	0	0	0		0	8,059,000	8,059,000
TOTAL	0	0	0	0	0	10,000,000	10,000,000

Analysis Done	Analysis Results
Operating budget impact	This project is needed to provide additional overnight aircraft
analyzed	staging area to meet forecast demands and to also serve as the designated deicing fluid containment infrastructure. This project will be funded through the Airports' Enterprise fund and a FAA Airport Improvement Program (AIP) Grant.

Rental Car Terminal Building Rehabilitation

6327 Aviation Drive, Sacramento, CA 95837

Project #23

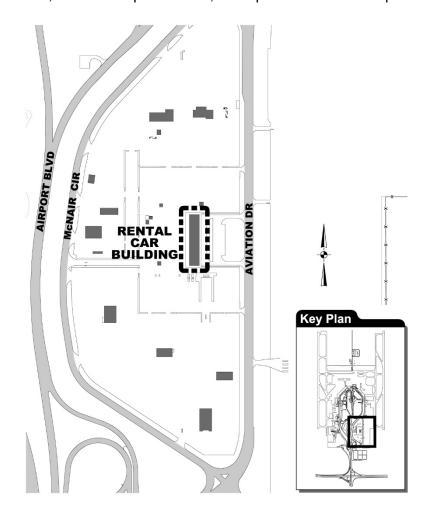
Department: Airports (International Airport) **Estimated Project Cost:** \$1,500,000

Expected Completion Date: 2019 Funding Sources: Airport Capital Improvement

Fund

Project Description:

This project would constitute a complete refresh of the Rental Car Terminal to include replacing finishes and fixtures in restrooms; painting the lobby; cleaning & resealing the existing tile lobby floors; installation of new counters and cabinets; installation of COMM upgrades; replacement of interior light fixtures; and curb improvements, rooftop boiler/AC and temperature controls.



Rental Car Terminal Building Rehabilitation

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	1,180,000	0	0	0	1,180,000
Project Management/ Design (In-							
House)	0	0	15,000	0	0	0	15,000
Project Management/ Design (Consultant)	0	0	170,000	0	0	0	170,000
Construction Fees and Services	0	0	120,000		0	0	120,000
Right-of-way/Land Acquisition	0	0	120,000	0	0	0	120,000
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	15,000	•	0	0	15,000
TOTAL	0	0	1,500,000		0	0	1,500,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	0	1,500,000		0	0	1,500,000
Federal Funds	0	0	4 500 000	0	0	0	4 500 000
TOTAL	0	0	1,500,000	0	0	0	1,500,00

Analysis Done	Analysis Results
Operating budget impact analyzed	Many items in this facility have reached the end of their useful life thus the refresh and replacement of critical items are required to ensure rental car companies operational needs are met. This project will be funded by the Airports' Enterprise fund.

Shuttle Bus Replacement to Electric, Phase 1 Acquisition, Phase 2 Infrastructure

6900 Airport Boulevard, Sacramento, CA 95837

Project #24

Department: Airports (International Airport) **Estimated Project Cost:** \$5,100,000

Expected Completion Date: 2020 Funding Sources: Airport Capital Improvement

Fund and Federal Funding

Project Description:

Purchase of electric buses and installation of infrastructure required for the operation of these buses.



Shuttle Bus Replacement to Electric, Phase 1 Acquisition, Phase 2 Infrastructure

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	500,000	0	0	0	0	500,000
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	200,000	0	0	0	0	200,000
Construction Fees and Services	0	200,000	0	0	0	0	200,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	1,700,000	0	2,500,000	0	0	4,200,000
Other	0	0	0	0	0	0	0
TOTAL	0	2,600,000	0	2,500,000	0	0	5,100,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	2,600,000	0	2,500,000	0	0	5,100,000
TOTAL	0	2,600,000	0	2,500,000	0	0	5,100,000

Analysis Done	Analysis Results
Operating budget impact	Acquisition of electric buses is part of the Airports sustainability
analyzed	efforts to improve the Sacramento International Airport's operating
	air emission footprint. This project will be funded by the Airports'
	Enterprise Fund, and Airport Improvement Program grant funding
	will be pursued to supplement the funding requirements.

Strengthen and Overlay South Portion of Taxiway "A" and Connecting Taxiways to Runway 16R

6900 Airport Boulevard, Sacramento, CA 95837

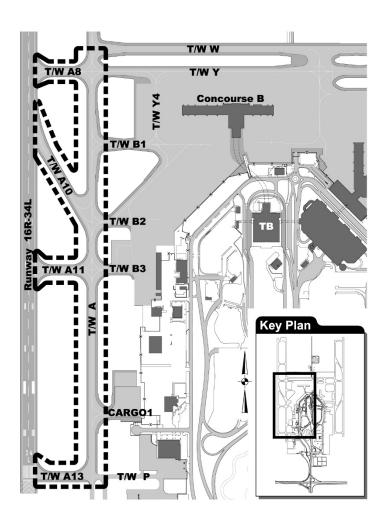
Project #25

Department: Airports (International Airport) **Estimated Project Cost:** \$23,000,000

Fund and Federal Funds

Project Description:

This project will strengthen and overlay the southern portion of Taxiway A and the connecting taxiways to Runway 16R. Through the Airports' Pavement Maintenance and Management Plan analysis, the pavement section for these taxiways will reach the end of their surface life within five to seven years, thus strengthening and overlay are needed.



Strength and Overlay South Portion of Taxiway "A" and Connecting Taxiways to Runway 16R

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	0	0	0	18,800,000	18,800,000
Project Management/ Design (In- House) Project Management/ Design	0	0	0	0	50,000	200,000	250,000
(Consultant)	0	0	0	0	2,900,000	400,000	3,300,000
Construction Fees and Services	0	0	0	0	25,000	500,000	525,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	25,000	100,000	125,000
TOTAL	0	0	0	0	3,000,000	20,000,000	23,000,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund Federal Funds	0	0	0		582,300 2,417,700	16,118,000 3,882,000	16,700,300 6,299,700
TOTAL	0	0	0		3,000,000	20,000,000	23,000,000

Analysis Done	Analysis Results
Operating budget impact analyzed	This project will strengthen and improve the taxiway and reduce the future maintenance costs. This project will be funded by the Airports' Enterprise Fund and a FAA Airport Improvement Program grant.

Terminal A Cooling Tower Replacement

6850 Airport Boulevard, Sacramento, CA 95837

Project #26

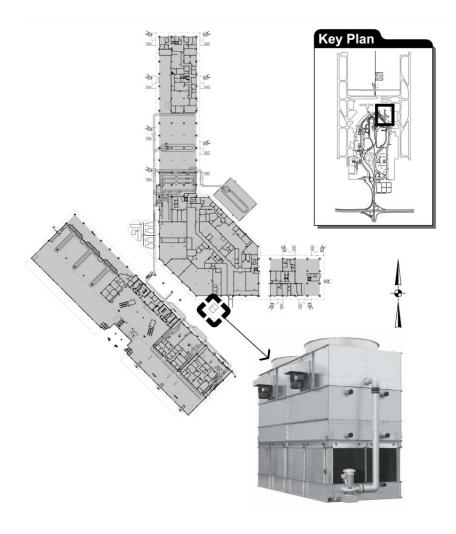
Department: Airports (International Airport) **Estimated Project Cost:** \$220,000

Expected Completion Date: 2019 **Funding Sources:** Airport Capital Improvement

Fund and Federal Funds

Project Description:

This project proposes to replace the Terminal A Cooling Towers which have reached the end of their useful lives.



Terminal A Cooling Tower Replacement

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	193,600	0	0	0	193,600
Project Management/ Design (In-							
House)	0	0	5,000	0	0	0	5,000
Project Management/ Design							
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	20,000	0	0	0	20,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	1,400	0	0	0	1,400
TOTAL	0	0	220,000	0	0	0	220,000

Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund Federal Funds	0	0	220,000 0	0	0	0	220,000 0
TOTAL	0	0	220,000	0	0	0	220,000

Analysis Done	Analysis Results
Operating budget impact analyzed	This project will improvement efficiency of operations and reduce service and maintenance requirements. This project will be funded
	by the Airports' Enterprise Fund.

REVISED

Terminal A Elevator Rehabilitation

6850 Airport Boulevard, Sacramento, CA 95837

Project #27

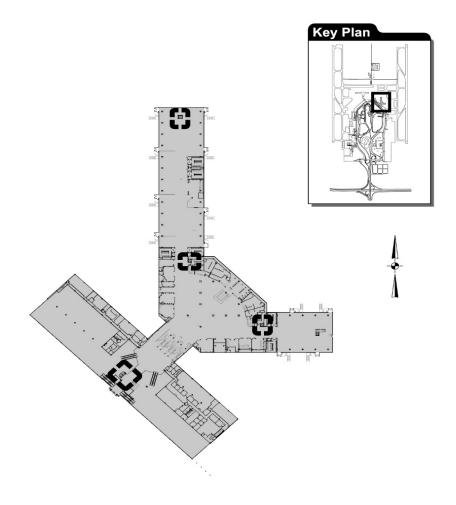
Department: Airports (International Airport) **Estimated Project Cost:** \$1,800,000

Expected Completion Date: 2021 **Funding Sources:** Airport Capital Improvement

Fund

Project Description:

This project will rehabilitate the elevators in Terminal and Concourse A. The existing elevators are over 20 years old and are in need of reburbishment. This project will be phased and completed over two years.



Terminal A Elevator Rehabilitation

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	0	0	400,000	400,000	400,000	0	1,200,000
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	60,000	60,000	60,000	0	180,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	140,000	140,000	140,000	0	420,000
Other	0	0	0	0	0	0	0
TOTAL	0	0	600,000	600,000	600,000	0	1,800,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	0	0	600,000	600,000	600,000	0	1,800,000
Federal Funds	0	0	0	0	0	0	0
TOTAL	0	0	600,000	600,000	600,000	0	1,800,000

Analysis Done	Analysis Results
Operating budget impact	The purpose of this project is to refurbish the existing elevators in
analyzed	Terminal and Concourse A in order to extend the service life. The overhaul will ensure future Maintenance and Operation (M&O) costs will be maintained at a manageable level. This project will
	be funded by the Airports' Enterprise Fund.

REVISED

Terminal A/Concourse A Restroom Rehabilitation, Design

6850 Airport Boulevard, Sacramento, CA 95837

Project #28

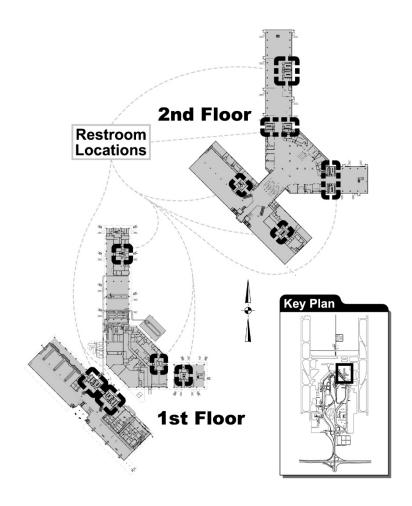
Department: Airports (International Airport) **Estimated Project Cost:** \$750,000

Expected Completion Date: 2018 for design Funding Sources: Airport Capital Improvement

Fund

Project Description:

The existing restrooms in Terminal A are in need of complete renovation. This phase of the project will design the full remodel of all restrooms in Terminal and Councourse A. Once the design and cost estimates are prepared, Airports will develop a phased implementation plan for construction.



Terminal A / Concourse A Restroom Rehabilitation, Design

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	0	0	0	0	0
Project Management/ Design (In-							
House)	0	0	0	0	0	0	0
Project Management/ Design							
(Consultant)	0	750,000	0	0	0	0	750,000
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	750,000	0	0	0	0	750,000
	Prior	Fiscal Year					
Funding Sources	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
•	Expenses	Budget	Budget	Budget	Budget	Budget	
		-					
Airport Capital Improvement Fund	0	750,000	0	0	0	0	750,000
TOTAL	0	750,000	0	0	0	0	750,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The restrooms in Terminal and Concourse A are a part of the original construction and have become outdated and inconsistent with the design concept of recent improvements. This project will renovate the restrooms in both Terminal and Concourse A, reducing maintenance costs and will be funded by the Airports' Enterprise Fund.

West Airfield Apron Rehabilitation

6900 Airport Boulevard, Sacramento, CA 95837

Project #29

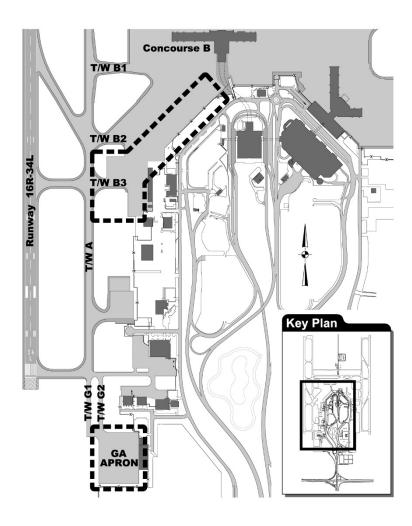
Department: Airports (International Airport) **Estimated Project Cost:** \$12,000,000

Expected Completion Date: 2021 Funding Sources: Airport Capital Improvement

Fund and Federal Funds

Project Description:

The multi-year project will rehabilitate the pavement of the Terminal B, Air Cargo and General Aviation Aprons.



West Airfield Apron Rehabilitation

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	0		9,700,000	0	9,700,000
Project Management/ Design (In- House) Project Management/ Design	0	0	0	30,000	150,000	0	180,000
(Consultant)	0	0	0	1,207,500	250,000	0	1,457,500
Construction Fees and Services	0	0	0	0	550,000	0	550,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	12,500	100,000	0	112,500
TOTAL	0	0	0	1,250,000	10,750,000	0	12,000,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
						_	
Airport Capital Improvement Fund	0	0	0	,	2,086,575	0	2,329,200
Federal Funds	0	0	0	1,007,375	8,663,425	0	9,670,800
TOTAL	0	0	0	1,250,000	10,750,000	0	12,000,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The purpose of this project is to rehabilitate the existing apron areas, which will reach the end of their useful lives within three to five years. The project will reduce the future maintenance costs and will be funded by the Airports' Enterprise Fund and a FAA Airport Improvement Program grant.

Work Order System Management Software Package Implementation/ID Management System Implementation

6900 Airport Boulevard, Sacramento, CA 95837

Project #30

Department: Airports (International Airport) **Estimated Project Cost:** \$1,000,000

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Purchase and implementation of a cloud based software product to manage work orders, training, and security related tasks.

Work Order System Management Software Package Implementation/ID Management System Implementation

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	0	0	0	0	0	0	0
Project Management/ Design (In-	•		•			•	
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	1,000,000	0	0	0	0	1,000,000
Other	0	0	0	0	0	0	0
TOTAL	0	1,000,000	0	0	0	0	1,000,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
					<u> </u>		
Airport Capital Improvement Fund	0	1,000,000	0	0	0	0	1,000,000
TOTAL	0	1,000,000	0	0	0	0	1,000,000

Analysis Done	Analysis Results
Operating budget impact analyzed	This project will implement a digital solution that integrates inter- related airfield inspections, work order activities and security control at all four airports and will reduce the man-power needed to accurately and effectively maintain such information manually. This project will be funded by the Airports' Enterprise Fund.

REVISED

Fuel Management System Upgrades

6900 Airport Boulevard, Sacramento, CA 95837

Project #1 New

Department: Airports (International Airport) **Estimated Project Cost:** \$483,997

Fund

Project Description:

This project will upgrade the fuel management software and add new controller readers for the fuel stations. This project will also upgrade the software program for Equipment Maintenance vehicle maintenance systems record keeping.

Fuel Management System Upgrades

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	0	0	0	0	0	0
Project Management/ Design (In-							
House)	0	0	0	0	0	0	0
Project Management/ Design							
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other (software)	3,997	480,000	0	0	0	0	483,997
TOTAL	3,997	480,000	0	0	0	0	483,997

Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	3,997	480,000	0	0	0	0	483,997
Federal Funds	0	0	0	0	0	0	0
TOTAL	3,997	480,000	0	0	0	0	483,997

Analysis Done	Analysis Results
Operating budget impact analyzed	Project will result in an increase in operating costs due to new equipment. The Project is funded by the Airports' Enterprise Fund.

REVISED

3995 Parking Access Revenue Control System

6900 Airport Boulevard, Sacramento, CA 95837

Project #2 New

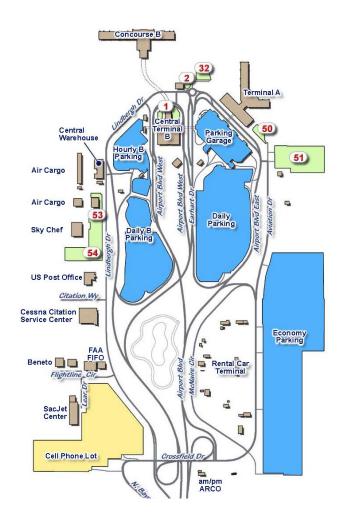
Department: Airports (International Airport) **Estimated Project Cost**: \$4,160,543

Expected Completion Date: 2017 **Funding Sources:** Airport Capital Improvement

Fund

Project Description:

Parking Access Revenue Control System (PARCS) project replaced all public and employee parking lot entry and exit devices along with all the associated software. It also replaced the mobile License Plate Inventory (LPI) system for inventory control and added License Plate Recognition (LPR) and standalone Pay-On-Foot devices to the System at the Airport.



3995 Parking Access Revenue Control System

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	3,543,084	165,000	0	0	0	0	3,708,084
Project Management/ Design (In-							
House)	0	0	0	0	0	0	0
Project Management/ Design							
(Consultant)	205,503	0	0	0	0	0	205,503
Construction Fees and Services	158163	0	0	0	0	0	158,163
Right-of-way/Land Acquisition							
Purchase Cost (Equip/Vehicle)	88793	0					88,793
Other	0	0	0	0	0	0	0
TOTAL	3,995,543	165,000	0	0	0	0	4,160,543
	Prior	Fiscal Year					
Funding Sources	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement Fund	3,995,543	165,000	0	0	0	0	4,160,543
Federal Funds	0	0	0	0	0	0	0
TOTAL	3,995,543	165,000	0	0	0	0	4,160,543

Analysis Done	Analysis Results
Operating budget impact analyzed	Project will result in a decrease in operating costs. The Project is funded in the Airports' Enterprise Fund.

REVISED

Rehabilitate Taxiway D and Connections to Runway 16L (East Taxiways Improvements)

6900 Airport Boulevard, Sacramento, CA 95837

Project #3 New

Department: Airports (International Airport) **Estimated Project Cost:** \$37,626,774

Expected Completion Date: 2017 Funding Sources: Airport Capital Improvement

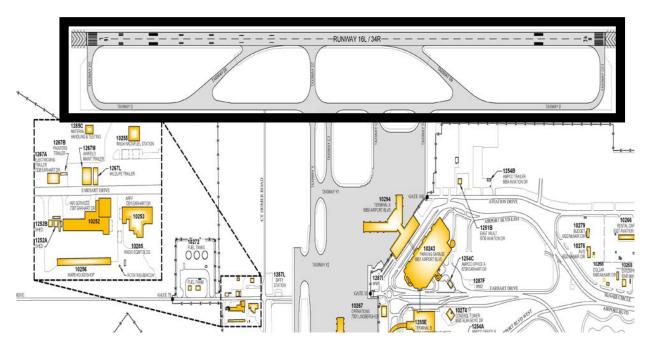
Fund and Federal Funds

Project Description:

This project will construct a strengthening overlay of existing Taxiway "Delta" and connecting taxiways between "Delta" and Runway 16L/34R of the east Taxiway complex. This work will maintain and extend the life of the existing taxiway pavements. The project will also construct shoulders for Taxiway "Delta", connecting taxiways between "Delta" and Runway 16L/34R, and portions of Taxiway "Yankee". Recent revisions to Federal Aviation Administration (FAA) design standards require paved shoulders for taxiways at SMF.

This project also included the installation of electrical duct for future Surface Movement Guidance Control System (SMGCS). Current standards include provisions for SMGCS lighting to provide guidance for aircraft movement between the terminal areas and runways during inclement weather. While not required at this time, installation of the duct prior to overlaying the taxiways will reduce future costs and eliminate additional closures of taxiways and runways.

The project will also construct the remaining portion of Taxiway W as well as the removal of a small portion of Taxiway Y to comply with FAA design standards.



Rehabilitate Taxiway D and Connections to Runway 16L

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	33,343,672	2,234,429	0	0	0	0	35,578,101
Project Management/ Design (In- House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	452,000	50,000	0	0	0	0	502,000
Construction Fees and Services	1,524,429	15,571	0	0	0	0	1,540,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	6,673	0	0	0	0	0	6,673
TOTAL	35,326,774	2,300,000	0	0	0	0	37,626,774

Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Total
Airport Capital Improvement Fund	18,924,515	2,300,000	0	0	0	0	21,224,515
Federal Funds	16,402,259	0	0	0	0	0	16,402,259
TOTAL	35,326,774	2,300,000	0	0	0	0	37,626,774

Analysis Done	Analysis Results
Operating budget impact	Project will result in a decrease in operating costs due to less
analyzed	maintenance. The Project is funded in the Airport's Enterprise Fund and
	is supplemented by federal funds offered by the Federal Aviation
	Administration Airport Improvement Program by a grant.

REVISED

Security Gate Enhancements

6900 Airport Boulevard, Sacramento, CA 95837

Project #4 New

Department: Airports (International Airport) **Estimated Project Cost:** \$150,216

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvement

Fund

Project Description:

This project would add barriers at the vehicle access gate to preclude vehicles from accessing the airside by crashing through a gate.



Security Gate Enhancements

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2018-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	12,216	138,000	0	0	0	0	150,216
Project Management/ Design (In-	•	^	•	•	•	•	•
House)	0	0	0	0	0	0	0
Project Management/ Design	_		_	_		_	
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	12,216	138,000	0	0	0	0	150,216

Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	12,216	138,000	0	0	0	0	150,216
Federal Funds	0	0	0	0	0	0	0
TOTAL	12,216	138,000	0	0	0	0	150,216

Analysis Done	Analysis Results
Operating budget impact analyzed	Project will result in increased operating costs due to new equipment. The project is funded by the Airports' Enterprise Fund.

REVISED

Terminal Aggregation and Distribution Alignment

6900 Airport Boulevard, Sacramento, CA 95837

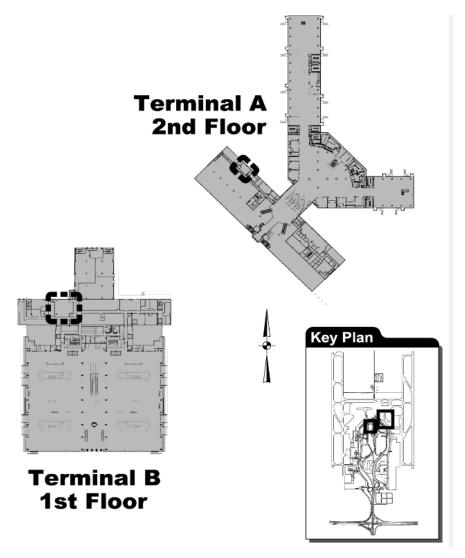
Project # 5 New

Department: Airports (International Airport) **Estimated Project Cost:** \$780,000

Fund

Project Description:

Replace or retrofit 6500-E chassis units and the associated contents for improved service delivery and increased reliability. This is the core of the network infrastructure that services Airlines, Tenants, and County entities.



Terminal Aggregation and Distribution Alignment

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs		0	0	0	0	0	0
Project Management/ Design (In-							
House)	0	0	0	0	0	0	0
Project Management/ Design							
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	780,000	0	0	0	0	780,000
Other	0	0	0	0	0	0	0
TOTAL	0	780,000	0	0	0	0	780,000

Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund Federal Funds	0	780,000 0	0	0	0	0	780,000 0
TOTAL	0	780,000	0	0	0	0	780,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The Project will establish redundancy to mitigate outages. The project will be funded by the Airports' Enterprise Fund.

REVISED

Terminal A Compactor Site Improvements

6900 Airport Boulevard, Sacramento, CA 95837

Project #6 New

Department: Airports (International Airport) **Estimated Project Cost:** \$200,533

Fund

Project Description:

This project will install 1 additional trash compactor at Terminal A, bringing the total number to 3 compactors. The 3rd compactor would be utilized as a food waste compactor. Price includes cost of the compactor and infrastructure. Assembly Bill 1826 was signed into law and becomes effective April 1, 2016. At that time, State law requires businesses that generate a specified amount of organic waste per week to have an organic waste recycling program. This compactor will assist in compliance with this new law. Additionally, the new compactor will be a direct feed unit resulting in the need for fewer staff hours devoted to manually feeding a compactor.

Terminal A Compactor Site Improvements

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs	83,473	115,000	0	0	0	0	198,473
Project Management/ Design (In-	0	0	0	0	0	0	0
House) Project Management/ Design	U	U	U	U	U	U	U
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	2,060	0	0	0	0	0	2,060
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0		0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	85,533	115,000	0	0	0	0	200,533
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund	85,533	115,000	0	0	0	0	200,533
Federal Funds	0	0	0	0	0	0	0
TOTAL	85,533	115,000	0	0	0	0	200,533

Analysis Done	Analysis Results
Operating budget impact	Project will result in an increase in operating costs due to new
analyzed	equipment. The operating cost and project are funded in the
	Airports' Enterprise Fund.

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Terminal and Concourse A Furniture and Renovations, Phase II

6900 Airport Boulevard, Sacramento, CA 95837

Project #7 New

Department: Airports (International Airport) **Estimated Project Cost:** \$4,822,000

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvement

Fund

Project Description:

This project proposes to renovate and install new furniture in the Terminal and Concourse A. This begins a new phase (II) of this project.

Concourse A Furniture and Renovations

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	622,000	4,200,000	0	0	0	0	4,822,000
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	622,000	4,200,000	0	0	0	0	4,822,000
Fire dia a Company	Prior				Fiscal Year		Total
Funding Sources	Years Expenses	2017-18 Budget	2018-19 Budget	2019-20 Budget	2020-21 Budget	2019-20 Budget	Total
Airport Capital Improvement Fund	622,000	4,200,000	0	0	0	0	4,822,000
Federal Funds	0	0	0	0	0	0	0
TOTAL	622,000	4,200,000	0	0	0	0	4,822,000

Analysis Done	Analysis Results
Operating budget impact	Project will result in a decrease of operating costs. The Project
analyzed	is funded in the Airports' Enterprise Fund.

REVISED

Terminal Office Space and Tenant Space Improvements

6900 Airport Boulevard, Sacramento, CA 95837

Project #8 New

Department: Airports (International Airport) **Estimated Project Cost:** \$1,002,320

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvement

Fund

Project Description:

This project will improve and rehabilitate the terminal office space and future tenant space improvements of which includes the Terminal B 3rd Floor conference room.

Terminal Office Space and Tenant Space Improvements

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
					<u> </u>		0.40.040
Construction Costs Project Management/ Design (In-	0	948,848	0	0	0	0	948,848
House)	0	0	0	0	0	0	0
Project Management/ Design							
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	51,152	0	0	0	0	51,152
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	2,320	0	0	0	0	0	2,320
TOTAL	2,320	1,000,000	0	0	0	0	1,002,320

Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement							
Fund	2,320	1,000,000	0	0	0	0	1,002,320
Federal Funds	0	0	0	0	0	0	0
TOTAL	2,320	1,000,000	0	0	0	0	1,002,320

Analysis Done	Analysis Results
Operating budget impact	Project will result in a decrease of operating costs. The Project
analyzed	is funded in the Airports' Enterprise Fund.

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West Apron Improvments

6900 Airport Boulevard, Sacramento, CA 95837

Project #9 New

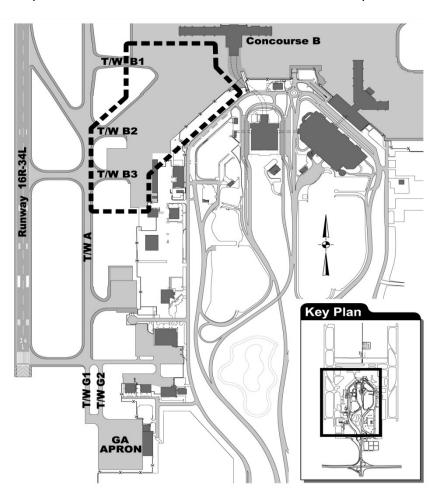
Department: Airports (International Airport) **Estimated Project Cost:** \$4,600,000

Expected Completion Date: 2017 Funding Sources: Airport Capital Improvement

Fund

Project Description:

Rehabilitate a portion of the West Apron Pavement at SMF to provide Remain Overnight Parking (RON) for approximately five Airplane Design Group (ADG) III, five ADG IV and two ADG V aircrafts. The work for this project consist of realignment of Taxilane B2, Portland cement concrete pavement (PCC) pavement restoration, new pavement markings and demolition of existing electrical items. In addition, this project includes installation of high mast lights for the West Apron and construction of a new Fed-Ex Concrete Apron near Taxilane B3.



West Apron Improvements

Estimated Project Costs	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Construction Costs Project Management/ Design (In-	1,762,000	2,308,623	0		0	0	4,070,623
House) Project Management/ Design	0	0	0	0	0	0	0
(Consultant)	177,000	23,000	0	0	0	0	200,000
Construction Fees and Services	51,000	189,000	0	0	0	0	240,000
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	10,000	79,377	0	0	0	0	89,377
TOTAL	2,000,000	2,600,000	0	0	0	0	4,600,000
Funding Sources	Prior Years Expenses	Fiscal Year 2017-18 Budget	Fiscal Year 2018-19 Budget	Fiscal Year 2019-20 Budget	Fiscal Year 2020-21 Budget	Fiscal Year 2021-22 Budget	Total
Airport Capital Improvement Fund Federal Funds	2,000,000	2,600,000	0	0	0	0	4,600,000 0
TOTAL	2,000,000	2,600,000	0	0	0	0	4,600,000

Analysis Done	Analysis Results
Operating budget impact analyzed	The purpose of this project is to rehabilitate the existing apron areas, which reached the end of the apron useful lives. The project will reduce the future maintenance costs and will be funded by the Airports' Enterprise Fund.

REVISED

Parking Lot Improvements

6900 Airport Boulevard, Sacramento, CA 95837

Project # 10 New

Department: Airports (International Airport) **Estimated Project Cost:** \$1,050,000

Expected Completion Date: 2018 Funding Sources: Airport Capital Improvements

Fund

Project Description:

This project proposes to rehabilitate portions of the employee and customer parking lots, including drainage and asphalt.

Parking Lot Improvements

	Prior	Fiscal Year					
Estimated Project Costs	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Construction Costs	0	1,050,000	0	0	0	0	1,050,000
Project Management/ Design (In- House)	0	0	0	0	0	0	0
Project Management/ Design							
(Consultant)	0	0	0	0	0	0	0
Construction Fees and Services	0	0	0	0	0	0	0
Right-of-way/Land Acquisition	0	0	0	0	0	0	0
Purchase Cost (Equip/Vehicle)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	1,050,000	0	0	0	0	1,050,000
	Prior	Fiscal Year					
Funding Sources	Years	2017-18	2018-19	2019-20	2020-21	2021-22	Total
	Expenses	Budget	Budget	Budget	Budget	Budget	
Airport Capital Improvement Fund	0	1,050,000	0	0	0	0	1,050,000
Federal Funds	0	0	0	0	0	0	0
TOTAL	0	1,050,000	0	0	0	0	1,050,000

Analysis Done	Analysis Results
Operating budget impact	Project will result in a decrease in operating costs due to less maintenance.
analyzed	It is intended to mitigate the flooding issues and improve the customer
	experience during parking use. This project will be funded by the Airports'
	Enterprise Fund.