

# 2019-2023

Five-Year Transportation  
Facilities Construction Program

# ADOT

*Airport Capital Improvement Program*

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## **Various Helpful Web Links**

Five-Year Transportation and Facilities Construction Program:

<http://azdot.gov/planning/transportation-programming/current-program>

Priority Planning Advisory Committee (PPAC):

<http://azdot.gov/about/boards-and-committees/PriorityPlanningAdvisoryCommittee>

Airport Development Group Home Page:

<http://azdot.gov/planning/airportdevelopment>

Airport Development Programs:

<http://azdot.gov/planning/airportdevelopment/development-and-planning>

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

State funding comes mainly from flight property tax, aircraft in-lieu tax, aircraft registration, and aviation fuel tax. The ACIP development process allocates money from the State Aviation Fund and distributes these funds across five major sub-programs of the Airport Development Program. The State Transportation Board approves this distribution annually. The five sub-programs are:

**1) Federal/State/Local Grants (FSL)**

This program provides half of the sponsor's share of an FAA Airport Improvement Program grant. Airport sponsors are the direct recipients of FAA AIP funds, not ADOT sub-recipients. These grants are coordinated with, but independent of, FAA actions.

Matching grants include: Airport design, construction, safety, security, capacity enhancement, equipment, maintenance, environmental, planning, and land acquisition.

The Five-Year Program allocates \$21.20 million for FSL grant projects.

**2) State/Local Grants (SL)**

This program provides Airport Development Funds to airport sponsors without FAA funding. These grants provide 90% of the project's eligible cost, or 95% for those airports needing special assistance. Requests for these grants are subject to a State Transportation Board approved prioritization process. Once prioritized, funds allocated to this program determine which projects will be funded.

State grants include: design, construction, safety, security, capacity enhancement, environmental, planning, and minor land acquisitions.

The Five-Year Program allocates \$36.00 million for SL grant projects.

**3) Airport Pavement Management System (APMS)**

This program specializes in providing airport sponsors with assistance in major pavement maintenance projects. Every three years, ADOT performs a statewide analysis of the aviation pavement surfaces based on the Corps of Engineers Pavement Condition Index (PCI). Based on these results, Aeronautics conducts the design and construction administration at no cost to the sponsor while the sponsor is responsible for only 10% of the construction cost.

This sub-program includes design and construction management fees for APMS, which were previously carried under the Statewide Systems Planning and Services subprogram.

The Five-Year Program allocates \$25.00 million for APMS projects.

#### **4) Grand Canyon Airport (GCN)**

Previous Five-Year Programs listed Grand Canyon Nation Park Airport (GCN) projects as if they were Matching Grants. This Five-Year Program breaks out GCN grants apart from matching grants, because the prior method of listing GCN projects does not accurately reflect the funding. The State Aviation fund pays 100% of project costs, and then is reimbursed 91.06% from FAA.

The Five-Year Program allocates \$11.42 million for projects at GCN.

#### **5) Statewide System Planning and Services (Aero)**

ADOT Aeronautics performs state-wide system studies and projects. These projects are funded with state aviation funds, with some projects also receiving FAA reimbursable grants. Typical projects include; State Airport System Planning, Economic Impact of Aviation, unique projects considered beneficial to the state as a system, Arizona flight charts, and site location studies.

The Five-Year Program allocates \$4.5 million for Statewide System Planning and Services.

#### **6) Airport Loan Program (ALP)**

This program gives airport sponsors the opportunity to borrow funds from the State Aviation Fund to build projects that are typical revenue producing in nature and therefore ineligible for airport development grants. Loans are designed to benefit the local economy of the airport with attractive terms and interest rates. These loans have typically include projects for construction of new fuel farms, aircraft “T-hangars” and large aviation business hangars as well as other aviation needs on an airport. This program is not currently active.

## **PROGRAM HIGHLIGHTS**

This Five-Year Program (Program) shows projects and sub-program set-asides. The total funds projected over the next five years are estimated at \$98.174 million. The Program no longer contains an illustrative listing for project sponsors. The project listing is those that have been submitted to FAA for grant award. The balance of funding is maintained in a subprogram until the funding is requested for a specific project. FAA evaluates and issues grants independently from ADOT. ADOT does not participate in the decision process regarding FAA grants. Historically, the FAA has funded between \$40 million and \$95.5 million per year and the typical funding level is approximately \$90 million, and therefore ADOT Aeronautics plans to set aside \$4.0 million (4.47% of \$90M) per year to fund our matching grants.

The State/Local Grants program was reduced in FY2017 and suspended entirely in FY 2018 to ensure all deferred reimbursements were paid prior to awarding any future grants. The program will remain suspended in FY 2019 and then be reinstated in FY 2020 with an annual funding amount of \$9 million. Starting in FY 2020, individual projects will be listed, but will not be listed by airport name and instead will be listed by fiscal year, sub-program, and project priority.

The maximum grant funds available to an individual airport per fiscal year cannot exceed 10% of the previous three years' average revenue into the State Aviation Fund. For FY 2019 the maximum grant funding is \$1.8M per airport. This maximum applies only to Federal/State/Local and State/Local grant funds.

ADOT's Airport Development Program includes an Airport Pavement Maintenance System (APMS) statewide. The ACIP provides over \$19 million for statewide airport pavement maintenance.

This document includes a map showing all Arizona airports included in the State Airport System Plan. Not all airports shown are eligible for project funding, and not all eligible airports have requested project funding in this plan.

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# ADOT Multimodal Planning Division - Airport Development Group

## Summary of Airport Development CIP Program Dollars

### Program Year 2019-2023

Airport Development CIP Sub-Program	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
FAA Match Set Aside (FSL)	\$ 5,003,600	\$ 3,800,000	\$ 3,800,000	\$ 3,800,000	\$ 3,800,000
State-Funded Development Grants (SL)	\$ -	\$ 9,000,000	\$ 9,000,000	\$ 9,000,000	\$ 9,000,000
Airport Pavement Maintenance System (APMS)	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
Grand Canyon National Park Airport (GCN)	\$ 785,000	\$ 4,420,000	\$ 2,515,000	\$ 1,900,000	\$ 1,800,000
ADOT Airport Development Group Projects (Aero)	\$ 800,000	\$ 900,000	\$ 900,000	\$ 1,000,000	\$ 950,000
<b>Total Five-Year CIP Program</b>	<b>\$ 11,588,600</b>	<b>\$ 23,120,000</b>	<b>\$ 21,215,000</b>	<b>\$ 20,700,000</b>	<b>\$ 20,550,000</b>

## FY2019 Airport Development Capital Improvement Program

### Matching Grants (FSL)

<i>Airport Name</i>	<i>County</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
Phoenix Sky Harbor Intl Airport	Maricopa	Terminal 3 Southeast Transition Apron Reconstruction Construct mid-field Apron (10,190 SY) & access Rd. (5,000 SY)	\$ 1,203,600	\$ 2,645,696	\$ 7,221,604	\$ 11,070,900
Wickenburg Municipal Airport	Maricopa	Phase 2	\$ 53,852	\$ 53,852	\$ 1,097,043	\$ 1,204,747
Phoenix-Mesa Gateway Airport	Maricopa	Airport Master Plan Update	\$ 40,230	\$ 40,230	\$ 819,540	\$ 900,000
Phoenix-Mesa Gateway Airport	Maricopa	Construct Taxiway C, phase 3	\$ 400,121	\$ 400,121	\$ 8,151,008	\$ 8,951,250
Cottonwood Municipal Airport	Coconino	Airport Master Plan Update	\$ 5,587	\$ 5,587	\$ 113,825	\$ 125,000
Payson Airport	Gila	Reconstruct Alpha Apron (phase 2) and Delta Apron	\$ 40,811	\$ 40,812	\$ 831,377	\$ 913,000
Phoenix Deer Valley Airport	Maricopa	DVT Connector B3 Reconst and Relocation	\$ 107,300	\$ 225,300	\$ 2,187,400	\$ 2,520,000
Phoenix Sky Harbor International Airport	Maricopa	Terminal 3 North Inner Apron Reconstruction	\$ 596,400	\$ 3,555,000	\$ 10,881,000	\$ 15,032,400
Ryan Field Airport	Maricopa	Airport Master Plan Update (includes AGIS)	\$ 37,280	\$ 37,280	\$ 759,440	\$ 834,000
Tucson International Airport	Pima	Reconstruct Taxiway D, shoulders & Connectors	\$ 435,195	\$ 435,195	\$ 8,865,512	\$ 9,735,902
Scottsdale Airport	Maricopa	Delta Apron Reconstruction	\$ 130,792	\$ 130,792	\$ 2,664,416	\$ 2,926,000
Lake Havasu City Airport	Mohave	Airport Master Plan Update	\$ 23,940	\$ 23,939	\$ 487,684	\$ 535,563
Laughlin-Bullhead City Airport	Mohave	Taxiway "A" Pavement Pres, (Sealcoat), include Taxiway Connectors & Taxiway Shoulders	\$ 18,368	\$ 18,368	\$ 447,264	\$ 484,000
Laughlin-Bullhead City Airport	Mohave	Acquisition of 198 Acres of Land for Airport Development	\$ 82,731	\$ 82,731	\$ 2,014,538	\$ 2,180,000
Flagstaff Airport	Coconino	Purchase Class 4 Aircraft Rescue Fire Fighting (ARFF) Vehicle/Rescue/FF Equipment	\$ 49,088	\$ 49,089	\$ 1,000,000	\$ 1,098,177
Ernest Love Field Airport	Yavapai	Rehab of Runway 3R/21L, (mill/overlay) new lighting/signage Hot Spot 2 Mitigation	\$ 152,500	\$ 152,500	\$ 5,795,000	\$ 6,100,000
Marana Regional Airport	Pima	Reconst 1 million sq.ft. of apron pavement consisting of transient open tie-downs, terminal, Transient/helicopter protion of twy B	\$ 265,549	\$ 265,549	\$ 5,409,594	\$ 5,940,692
Kingman Airport	Mohave	reconst Airport Master Plan Update	\$ 22,962	\$ 22,962	\$ 467,766	\$ 513,690
		Replace runway signage,beacon, install supplemental windcone				
San Carlos Apache Airport	Gila	for Runway 27, install 5 area lights adjcent to apron	\$ 14,769	\$ 14,769	\$ 300,862	\$ 330,400
Chandler Municipal Airport	Maricopa	Terminal Apron Rehabilitation	\$ 134,100	\$ 134,100	\$ 2,731,800	\$ 3,000,000
Kayenta Township	Navajo	Acquire Snow Removal Equipment	\$ 9,262	\$ 9,262	\$ 188,676	\$ 207,200
Nogales International Airport	Santa Cruz Cnty	D&C Apron Connector Taxiways Rhab project (approx 941 SY)	\$ 12,052	\$ 12,052	\$ 245,508	\$ 269,612
Page Municipal Airport	Coconino	Airport Master Plan Update	\$ 22,912	\$ 22,912	\$ 466,743	\$ 512,567
ADOT Aeronautics	Statewide	Aeronautic Sub-program	\$ 1,140,599	\$ -	\$ -	\$ -
<b>2019 Matching Grants (FSL) Subtotal</b>			<b>\$ 5,000,000</b>	<b>\$ 8,378,098</b>	<b>\$ 63,147,600</b>	<b>\$ 75,385,100</b>

### State-Local Grants (SL)

<i>Airport Name</i>	<i>County</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
ADOT Airport Development Group	Statewide	Set-Aside	No 2019 Program	\$ -	\$ -	\$ -	\$ -
<b>2019 SL Subtotal</b>				<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

### Arizona Pavement Maintenance System (APMS)

<i>Airport Name</i>	<i>County</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
ADOT Airport Development Group	Statewide	Construction	Design & Construction Management for FY2019 APMS Projects	\$ 600,000	\$ -	\$ -	\$ 600,000
ADOT Airport Development Group	Statewide	APMS Contingency Fund	APMS Contingency Fund	\$ 700,000	\$ -	\$ -	\$ 700,000
ADOT Airport Development Group	Statewide	APMS Set-Aside	Set-aside to bring total set-aside to \$5,000,0000	\$ 610,860	\$ 61,086	\$ -	\$ 671,946
Benson Municipal Airport	Cochise	Runway Preservation	P-608 Application on Runway 17-35, Section 10	\$ 263,233	\$ 29,248	\$ -	\$ 292,481
Cochise College Airport	Cochise	Runway Preservation	P-608 Application on Runway 05-23, Section 10	\$ 181,982	\$ 20,220	\$ -	\$ 202,202
Colorado City Municipal Airport	Mohave	Runway Preservation	P-608 Application on Runway 11-29, Section 10	\$ 273,533	\$ 30,393	\$ -	\$ 303,925
Grand Canyon West Airport	Mohave	Runway Preservation	P-608 Application on Runway 17-35, Section 10	\$ 212,526	\$ 23,614	\$ -	\$ 236,140
Phoenix-Deer Valley Airport	Maricopa	Runway Preservation	1-inch Mill/1-inch AC Overlay on Runway 07R, Section 20	\$ 871,777	\$ 96,864	\$ -	\$ 968,641
Phoenix Mesa Gateway Airport	Maricopa	Runway Preservation	PCC Joint Reseal on Runway 12R-30L, Section 40	\$ 9,983	\$ 1,109	\$ -	\$ 11,092

## FY2019 Airport Development Capital Improvement Program

Rolle Airfield	Yuma	Runway Preservation	P-608 Application on Runway 17-35, Section 10	\$	94,430	\$	10,492	\$	-	\$	104,922
St Johns Industrial Airpark	Apache	Runway Preservation	1-inch AC Overlay on Runway 14-32, Section 10	\$	620,998	\$	69,000	\$	-	\$	689,998
Taylor Airport	Navajo	Runway Preservation	P-608 Application on Runway 03-21, Section 10	\$	303,526	\$	33,725	\$	-	\$	337,251
Wickenburg Municipal Airport	Maricopa	Runway Preservation	P-608 Application on Runway 05-23, Section 10	\$	257,153	\$	28,573	\$	-	\$	285,726
<b>2019 APMS Subtotal</b>				<b>\$</b>	<b>5,000,000</b>	<b>\$</b>	<b>404,324</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>5,404,324</b>

### Grand Canyon Airport Projects (GCN)

Airport Name	County	Project Component	Project Description	State Share	Local Share	Federal Share	Project Total	
Grand Canyon National Park Airport	Coconino	Runways:<Extend/Widen/Strengthen> Runway [To Meet Standards] - Standards Ground	Widen Runway to 150' the entire length of runway, and build shoulders entire length of runway (Design Only)	\$	36,207	\$ -	\$ 368,793	\$ 405,000
Grand Canyon National Park Airport	Coconino	Transportation:<Construct/Expand/Improve/Modify/ Rehabilitate> Access Road - Capacity	Reconstruct Approximately 1 mile of airport access road (Design Only)	\$	13,410	\$ -	\$ 136,590	\$ 150,000
Grand Canyon National Park Airport	Coconino	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Standards Environmental	Rehabilitate terminal restrooms to make ADA compliant (Design Only)	\$	13,410	\$ -	\$ 136,590	\$ 150,000
Grand Canyon National Park Airport	Coconino	Clearance	Set-Aside for environmental clearance fees for FY2020 Apron project	\$	447	\$ -	\$ 4,553	\$ 5,000
2019 GCN Subtotal				\$	63,474	\$ -	\$ 646,526	\$ 710,000

### ADOT Airport Development Group Projects (Aero)

<i>Airport Name</i>	<i>County</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>				
ADOT Airport Development Group	Statewide	Aeronautics Services	Update and Maintain ASM Database	\$	150,000	\$	-	\$	-	\$	150,000
ADOT Airport Development Group	Statewide	Statewide System									
ADOT Airport Development Group	Statewide	Planning	Economic Impact Update	\$	600,000	\$	-	\$	-	\$	600,000
ADOT Airport Development Group	Statewide	Aeronautics Services	Aeronautical Chart Update	\$	50,000	\$	-	\$	-	\$	50,000
2019 Airport Development Group Projects Subtotal				\$	800,000	\$	-	\$	-	\$	800,000

**2019 Airport Development CIP Sub-programs Total**    \$    10,863,474    \$    8,782,422    \$    63,794,126    \$    82,299,424

**FAA Reimbursable Project Costs**    \$    646,526

**2019 Airport Development CIP Total**    \$    11,510,000

