

# 2018-2022

## Five-Year Transportation Facilities Construction Program

**ADOT**





## **2018-2022 Current Five-Year Transportation Facilities Construction Program**

I, John S. Halikowski, the duly appointed Director of the Arizona Department of Transportation, do hereby certify the following to be a true and correct copy of the Current Five-Year Transportation Facilities Construction Highway Program for fiscal years 2018 – 2022. It was adopted by the State Transportation Board in a meeting held the 16<sup>th</sup> day of June 2017.

Signed on the \_\_\_<sup>th</sup> day of June 2017.

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John S. Halikowski  
Director  
Arizona Department of Transportation



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# **Executive Summary**



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## Overview

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## Summary of Dollars by Section (\$000)

### Section I, Highways

County	2018	2019	2020	2021	2022	Grand Total
Apache	\$10,920	\$2,750	\$2,855	\$0	\$0	\$16,525
Cochise	\$20,605	\$320	\$0	\$9,800	\$0	\$30,725
Coconino	\$54,692	\$48,140	\$43,453	\$5,800	\$0	\$152,085
Gila	\$24,140	\$1,195	\$17,261	\$0	\$0	\$42,596
Graham	\$8,436	\$1,000	\$0	\$0	\$0	\$9,436
Greenlee	\$408	\$0	\$0	\$0	\$0	\$408
La Paz	\$2,800	\$20,993	\$0	\$575	\$3,800	\$28,168
Maricopa	\$47,780	\$12,320	\$31,908	\$15,718	\$5,000	\$112,726
Mohave	\$52,637	\$59,071	\$74,639	\$0	\$0	\$186,347
Navajo	\$10,790	\$41,031	\$26,325	\$15,268	\$0	\$93,414
Pima	\$27,580	\$4,150	\$25,974	\$11,446	\$0	\$69,150
Pinal	\$87,008	\$41,216	\$25,496	\$0	\$0	\$153,720
Santa Cruz	\$800	\$69,200	\$2,420	\$29,350	\$0	\$101,770
Yavapai	\$13,239	\$49,100	\$50,744	\$62,802	\$65,907	\$241,792
Yuma	\$3,375	\$42,502	\$20,039	\$0	\$0	\$65,916
Statewide	\$10,625	\$7,650	\$0	\$0	\$0	\$18,275
<b>Statewide by County Total</b>	<b>\$375,835</b>	<b>\$400,638</b>	<b>\$321,114</b>	<b>\$150,759</b>	<b>\$74,707</b>	<b>\$1,323,053</b>
Subprograms	\$99,253	\$125,162	\$117,618	\$298,603	\$381,211	\$1,021,847
<b>Statewide Total</b>	<b>\$475,088</b>	<b>\$525,800</b>	<b>\$438,732</b>	<b>\$449,362</b>	<b>\$455,918</b>	<b>\$2,344,900</b>
<b>Section II, MAG Regional Transportation Plan: Freeway Program</b>						
Life Cycle Summary Total	\$596,007	\$496,735	\$348,898	\$740,000	\$347,920	\$2,529,560
Systemwide Summary Total	\$27,518	\$26,555	\$31,988	\$35,340	\$33,445	\$154,846
<b>RTPFP Total</b>	<b>\$623,525</b>	<b>\$523,290</b>	<b>\$380,886</b>	<b>\$775,340</b>	<b>\$381,365</b>	<b>\$2,684,406</b>
<b>Section III, PAG Regional Transportation Highway Program</b>						
PAG Summary Total	\$58,250	\$60,878	\$88,300	\$93,035	\$102,495	\$402,958
PAG Region wide Summary Total	\$0	\$0	\$0	\$0	\$0	\$0
<b>PAG Total</b>	<b>\$58,250</b>	<b>\$60,878</b>	<b>\$88,300</b>	<b>\$93,035</b>	<b>\$102,495</b>	<b>\$402,958</b>
<b>Section IV, Airport</b>						
<b>Airport Total</b>	<b>\$3,500</b>	<b>\$3,500</b>	<b>\$3,500</b>	<b>\$13,682</b>	<b>\$12,755</b>	<b>\$36,937</b>
<b>Grand Total</b>	<b>\$1,160,363</b>	<b>\$1,113,468</b>	<b>\$911,418</b>	<b>\$1,331,419</b>	<b>\$952,533</b>	<b>\$5,469,201</b>



## **Purpose of the Five-Year Transportation Facilities Construction Program**

The purpose of the Five-Year Transportation Facilities Construction Program is to comply with Arizona Revised Statutes §28-304, and set forth the plan for developing projects and account for the spending of funds for the next five years. The first two years of the program will be financially constrained by year. All projects in the first two years of the program will be fully funded and be ready to advertise within the year programmed or sooner as determined by the State Transportation Board. The last three years of the program will be used to establish an implementation plan for projects moving through the various preparation phases needed prior to the construction of the project.

## **Highways**

The Arizona Department of Transportation (ADOT) is mandated by state law to be responsible for constructing and maintaining all interstate and state highways in Arizona. Fulfilling this responsibility includes extensive public participation and sophisticated technical evaluation known as the Planning to Programming Process. The process culminates in the Five-Year Transportation Facilities Construction Program for Highways and Airports. This publication identifies programs and projects programmed for state fiscal years 2018 through 2022.

The Clean Air Act Amendment of 1990 requires that a determination be made that a program conforms to the latest air quality implementation plan before it can be approved.

Arizona Revised Statutes §28-6952 requires the Five-Year Transportation Facilities Construction Program to complete a public hearing and publication. This is done through a series of public meetings held throughout the state in conjunction with the State Transportation Board meetings.

## **Current Highway Funding Issues**

Funding for Arizona's transportation needs has improved somewhat since the previous Five Year Program, but long-term, remains an area of concern. Growth in Highway User Revenue Fund (HURF) revenues is projected to increase modestly through 2022. However, fuel and vehicle license tax revenues, which represent approximately 80% of the funds flowing into the HURF, will continue to be pressured as consumers transition to more fuel efficient vehicles, Arizona population growth remains constrained and inflation continues to erode the value of the state gas tax, which has not been adjusted in over 25 years.

A bright spot in the current Program is the passage of a new, long-term, federal highway authorization by Congress. The *Fixing America's Surface Transportation Act* ("FAST Act") became law on December 4, 2015 and provides a total of \$225 billion for the federal surface transportation programs in federal fiscal years 2016 through 2020. This represents a 11% increase in funding over the previous authorization (MAP-21). As federal aid provides the majority of funding for Arizona's transportation system, the FAST Act is the primary driver of the increase in the 2018-2022 Five Year Program. However, Congress did not address the long-term issue of declining revenues flowing into the federal Highway Trust Fund, which will continue to be a concern.

Given these circumstances, although the size of the current Five Year Program has somewhat increased, the long-term funding outlook is uncertain and will continue to constrain the ability to maintain, modernize and expand Arizona's transportation system.

## **Maricopa Association of Governments Regional Transportation Plan Freeway Program**

Arizona House Bill 2292, which passed in the spring 2003 session of the Arizona Legislature, established the Maricopa Association of Governments Transportation Policy Committee which was tasked with developing a Regional Transportation Plan for Maricopa County, and established the process for an election to extend the current half-cent County Transportation Excise Tax. On November 2, 2004, voters in Maricopa County approved Proposition 400 to extend the half-cent sales tax for transportation for an additional 20 years to 2026. The extension began January 1, 2006 and ends on December 31, 2025.

In accordance with Arizona Revised Statutes §42-6105.E, 56.2 percent of the Proposition 400 sales tax collections is distributed to freeways and state highways; 10.5 percent is distributed to arterial street improvements; and 33.3 percent is distributed to the public transportation fund. The Regional Transportation Plan thus has three major components:

Freeways/Highways, Arterial Streets, and Transit.

The Regional Transportation Plan Freeway Program includes new freeway corridors to serve growth in the region, and improvements to the existing system of freeways and highways to reduce current and future congestion and improve safety. The work includes new freeway corridors, additional lanes on existing facilities, and new interchanges at arterial cross streets, high occupancy vehicle ramps at system interchanges, noise mitigation, litter and landscape maintenance programs, freeway management systems, and freeway service patrols.

The Regional Transportation Plan Freeway Program is funded by three primary revenue sources: the Proposition 400 half-cent sales tax, ADOT funds dedicated for use in Maricopa County, and federal highway funds.

## **Pima Association of Governments Regional Transportation Highway Program**

Pima County voters approved the half cent sales tax on May 16, 2006, at the same time they approved the 20-year, \$2.1 billion Regional Transportation Authority (RTA) plan. The RTA plan as outlined in the 2006 ballot includes roadway, safety, transit, and environmental and economic elements. The plan will be implemented over a 20-year period, ending in 2026.

Pima Association of Governments (PAG) is the federally designated metropolitan planning organization for Pima County with program areas that include regional transportation planning.

The Regional Transportation Authority (RTA), a regional governmental entity established in August 2004, developed a 20-year regional transportation plan approved by Pima County voters on May 16, 2006.

## **Airport Development Program**

In conjunction with Arizona's public airports and the Federal Aviation Administration (FAA), ADOT develops the Tentative Five-Year Airport Capital Improvement Program to parallel the FAA's Airport Capital Improvement Program. This program 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 FAA directly to local airports. State funds come mainly from flight property tax, aircraft lieu tax, and aviation fuel tax. The Airport Capital Improvement Program development process allocates money from the State Aviation Fund and distributes these funds across five major categories: Federal/State/Local Grants, State/Local Grants, Airport Pavement Management System (APMS), Airport Loan Program, and Statewide System Planning and Services.

The State/Local grant requests are funded as approved by the State Transportation Board if they meet the priority rating within the program for the airport category and fiscal year. Airport sponsors receive a federal grant; they will apply to the state for the matching funds. The maximum grant funds any one sponsor can receive cannot exceed 10 percent of the average revenue into the State Aviation Fund for the period of three previous years. The maximum State contribution for both Federal/State/Local and State/Local grant funds for the fiscal year 2017 Program is \$2.2 million per airport.

The Airport Capital Improvement Program also provides for state-funded airport loans and Airport Pavement Maintenance Service. Up to \$3 million in Airport Loans may be issued in fiscal year 2017. In 2017, \$6.4 million will be invested in Airport Pavement Management System projects at public airports. Statewide System Planning and Services are managed by ADOT and funded by both federal and state monies. In 2017, \$3.9 million will be invested in statewide planning studies and services to benefit Arizona airports.

## Linking Planning and Programming

ADOT is in the process of updating its Long-Range Transportation Plan, “What Moves You Arizona.” The plan provides a unique approach and strategic direction to guide future investments in transportation through the Recommended Investment Choice.

As part of the implementation of the plan, ADOT has decided to assess its current programming policies and practices. This assessment will provide a direct connection between the plan’s Recommended Investment Choice and ADOT’s programming process. The primary objective of this assessment is to ensure the alignment of decision-making with the plan’s goals, objectives, performance measures, and policies, including an opportunity to improve its transparency, credibility, understandability, and effectiveness. The outcome will be a strategy that links long-range transportation planning to the state’s Five-Year Transportation Facilities Construction Program.

Strategic investments are identified and included in the Long Range Transportation Plan, usually every 5 years. These are large-scale usually corridor level improvements that are of statewide significance and will address major risks to the accomplishment of plan policy goals and performance objectives.

Preservation – Activities that preserve transportation infrastructure by sustaining asset condition or extending asset service life.  
Delivery Program (1-5 years) must be fiscally constrained by year

Modernization – Highway improvements that upgrade efficiency, functionality, and safety without adding capacity.  
Delivery Program (1-5 years) must be fiscally constrained by year

Expansion - Improvements that add transportation capacity through the addition of new facilities and or services.  
Delivery Program (1-5 years) must be fiscally constrained by year

## **Public Participation**

The federal highway and transit bill requires that the Tentative Five-Year Transportation Facilities Construction Program be made reasonably available for public review and comment. To comply with this requirement, ADOT holds public hearings in Phoenix, Tucson, and Flagstaff. Members of the audience are given the opportunity to address the State Transportation Board on any item in the program. Also, ADOT has made available on its website an opportunity to comment on the program for all who have interest in ADOT's transportation system.

The 2018-2022 Tentative Five-Year Transportation Facilities Construction Program will be available for public review and comment. ADOT has developed a "how to read it" guide & welcomes feedback at: [FiveYearConstructionProgram@azdot.gov](mailto:FiveYearConstructionProgram@azdot.gov). A phone comment line has also been established for callers to leave comments and ask questions: 1-855-712-8530.

The State Transportation Board will consider all public comments received by May 30, 2017. Public hearings will be conducted on March 17 in Tucson, April 21 in Flagstaff, and May 19 in Phoenix to allow for additional community input. The board will adopt the 2018-2022 Five-Year Transportation Facilities Construction Program on June 16, 2017 meeting in Payson.

## **Next Steps**

When the State Transportation Board approves the 2018-2022 Five-Year Transportation Facilities Construction Program, a final document will be prepared and updated on ADOT's website — [azdot.gov](http://azdot.gov).

Updates to the program can be viewed on a monthly basis as the State Transportation Board takes action on specific projects at the monthly board meetings.

# 2018-2022

## Five-Year Transportation Facilities Construction Program

The logo for the Arizona Department of Transportation (ADOT), featuring the letters "ADOT" in a bold, white, sans-serif font with a stylized dot on the "A".

**ADOT**

*Highway*





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## **Various Helpful Web Links**

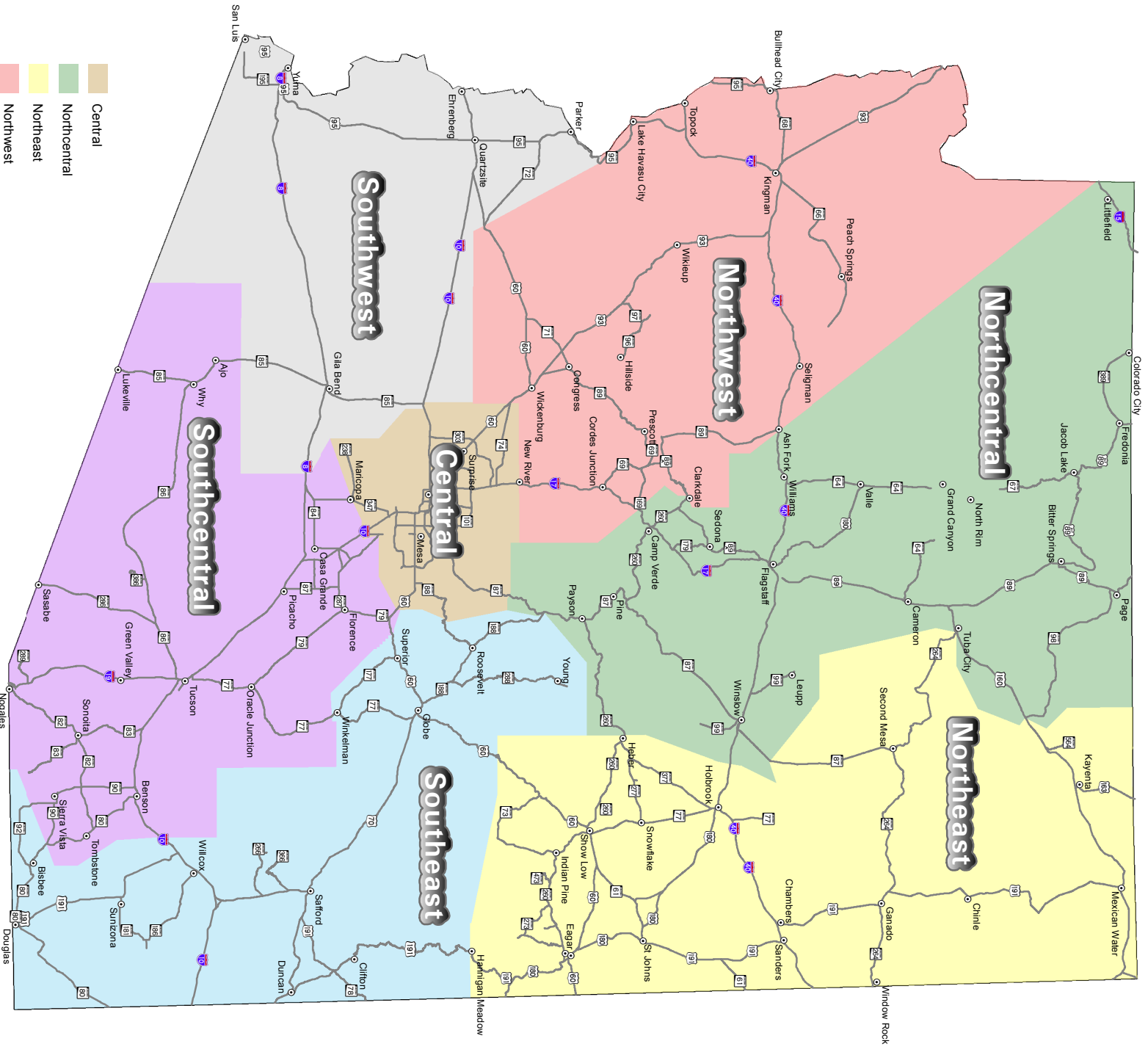
Five-Year Transportation Facilities Construction Program, <http://www.azdot.gov/FiveYearProgram>  
Priority Planning Advisory Committee (PPAC), [http://www.azdot.gov/MPD/priority\\_Programming/PPAC](http://www.azdot.gov/MPD/priority_Programming/PPAC)  
State Transportation Improvement Program (STIP), [http://www.azdot.gov/MPD/priority\\_Programming/STIP](http://www.azdot.gov/MPD/priority_Programming/STIP)  
STIP Amendments, <http://www.azdot.gov/MPD/STIP>  
Contact ADOT, [https://www.azdot.gov/Contact\\_ADOT/index.aspx](https://www.azdot.gov/Contact_ADOT/index.aspx)

## Introduction for Highways

The Arizona Department of Transportation (ADOT) is mandated by state law (Title 28, Chapter 20, Article 3; A.R.S. §28-6952, §28-6953, §28-6954 and §28-6955) to be responsible for constructing and maintaining all interstate and state highways in Arizona and provide financial assistance to public airports for airport development projects. Fulfilling this responsibility includes extensive public participation and sophisticated technical evaluation known as the Priority Programming Process. The process culminates in the Five-Year Transportation Facilities Construction Program for highways and airports. This publication identifies programs and projects for State fiscal years 2018 – 2022.

Delivery of the Transportation Facilities Construction Program may be impacted by economic conditions or new legislation. ADOT will continue to monitor economic conditions and legislation that may affect revenues.

# Arizona Department of Transportation Engineering and Maintenance Districts



Note: The State of Arizona makes no claims concerning the accuracy of this map nor assumes any liability resulting from the use of the information herein.

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# Abbreviations

## COUNTY

**AP Apache**  
**CH Cochise**  
**CN Coconino**  
**GI Gila**  
**GH Graham**  
**GE Greenlee**  
**LA La Paz**  
**MA Maricopa**  
**MO Mohave**  
**NA Navajo**  
**PM Pima**  
**PN Pinal**  
**SC Santa Cruz**  
**YV Yavapai**  
**YU Yuma**  
**SW Statewide**

## PHASE OF WORK

**C CONSTRUCTION**  
**D DESIGN**  
**E ENVIRONMENTAL**  
**G GEOTECHNICAL**  
**L LOCATION/STUDY**  
**P PLAN/RESEARCH**  
**R RIGHT-OF-WAY**  
**U UTILITIES**  
**X NON-CONSTRUCTION**

## ENGINEERING DISTRICTS

**F FLAGSTAFF DISTRICT**  
**G GLOBE DISTRICT**  
**H HOLBROOK DISTRICT**  
**K KINGMAN DISTRICT**  
**E PHOENIX CONSTRUCTION**  
**M PHOENIX MAINTENANCE**  
**P PRESCOTT DISTRICT**  
**S SAFFORD DISTRICT**  
**T TUCSON DISTRICT**  
**Y YUMA DISTRICT**

## FUNDING SOURCES

**AC Advanced Construction**  
**BIP Border Infrastructure Program**  
**BTEP Border Technology Exchange Program**  
**BR Bridge Replacement**  
**CM Congestion Mitigation**  
**MAG/CM Congestion Mitigation**  
**CMAQ Congestion Mitigation and Air Quality**  
**CBI Coordinated Border Infr & Saf**  
**ER Emergency**  
**FA Federal Aid**  
**FLH Forest Land Highway**  
**GVT Local Government**  
**GAN Grant Anticipation Notes**  
**HES Hazard Elimination Safety**  
**HPP High Priority Project**  
**HSIP Highway Safety Improvement Program**  
**HRRR High Risk Rural Roads**  
**ITS Intelligent Transportation System**  
**IM Interstate Maintenance**  
**MCS Motor Carrier Safety Assistance Fund**  
**NH National Highway System**  
**NRT National Recreational Trails**  
**NHPP National Highway Performance Program**  
**PAG RTA PAG Regional Transportation Authority Funds**  
**PRVT Private**  
**PLH Public Land Highway**  
**RR Rail-Highway Crossings**  
**RHC Railway Highway Crossing**  
**ARRA American Recovery & Reinvestment Act of 2009**  
**RARF Regional Area Road Fund**  
**RSIP Rural Safety Innovation Program**  
**SRS Safe Routes to School**  
**SB Scenic Byway**  
**STAN Statewide Transportation Acceleration Needs**  
**STATE State**  
**PAG 12.6% State HURF**  
**PAG 2.6% State HURF**  
**MAG 12.6% State HURF**  
**MAG 2.6% State HURF**  
**STATE/FA State or Federal Aid**  
**SPR State Planning & Research**  
**SFC Surface Transportation Research, Environment**  
**PAG STP Surface Transportation Program**  
**STP Surface Transportation Program**  
**MAG/STP Surface Transportation Program**  
**TBD Funding to be determined**  
**DBE Training & Disadvantaged Business Enterprise**  
**TCSP Transportation & Community System Preservation**  
**TA Transportation Alternatives**  
**TEA Transportation Enhancements**

## OTHER GENERAL TERMS

**AC Asphaltic Concrete**  
**ACFC Asphaltic Concrete Friction Course**  
**ACSC Asphaltic Concrete Surface Course**  
**APPR Approaches**  
**AR Asphaltic Rubber**  
**AR/RE Asphaltic Rubber/Or Recycle**  
**ASP Arizona State Park**  
**BMP Beginning Mile Post**  
**CD Collector Distributor**  
**DCR Design Concept Report**  
**EA Environmental Assessment**  
**EB Eastbound**  
**EIS Environmental Impact Statement**  
**FC Finishing Course**  
**FMS Freeway Management System**  
**FY Fiscal Year**  
**GA Greater Arizona**  
**GPL General Purpose Lane**  
**HELP Highway Expansion Loan Program**  
**HOV High Occupancy Vehicle**  
**HURF Highway User Revenue Fund**  
**IGA Intergovernmental Agreement**  
**JCT Junction**  
**JPA Joint Project Agreement**  
**LT Left Turn**  
**MAG Maricopa Association Of Governments**  
**MP Milepost**  
**NB Northbound**  
**OP Overpass**  
**PAG Pima Association Of Governments**  
**PCCP Portland Cement Concrete Paving**  
**PE Preliminary Engineering**  
**PH Phase Of Work**  
**POE Port-Of-Entry**  
**R&R Remove & Replace**  
**R/W Right-Of-Way**  
**REHAB Rehabilitation**  
**RFS Regional Freeway System**  
**RPMS Roadway Pavement Markers**  
**RT Right Turn**  
**RTPFP Regional Transportation Plan Freeway Program**  
**RWIS Regional Weather Information Station**  
**SB Southbound**  
**STRS Structures**  
**SYS System**  
**TI Traffic Interchange**  
**TL Travel Lane**  
**TRACS Accounting System Reference Number**  
**UP Underpass**  
**WB Westbound**

# Resource Allocation Categories

## **100 - SYSTEM PRESERVATION**

### **110 - PAVEMENT PRESERVATION**

111.00 - PAVEMENT PRESERVATION - STATEWIDE  
112.00 - MINOR PAVEMENT PRESERVATION - STATEWIDE  
114.00 - MAG REGIONWIDE RUBBERIZED ASPHALT

### **120 - BRIDGE PRESERVATION**

121.00 - EMERGENCY BRIDGE REPAIR  
122.00 - BRIDGE REPAIR  
123.00 - BRIDGE SCOUR PROTECTION  
124.00 - BRIDGE SEISMIC RETROFIT  
125.00 - BRIDGE REPLACEMENT & REHABILITATION  
125.90 - BRIDGE REPLACEMENT & REHABILITATION (OFF SYSTEM)  
126.00 - BRIDGE INSPECTION & INVENTORY

### **130 - SAFETY PROGRAM**

131.00 - BLUNT END GUARDRAIL REPLACEMENT  
132.00 - HIGHWAY SAFETY IMPROVEMENT PROGRAM  
132.01 - HIGH RISK RURAL ROADS  
132.02 - RAILWAY HIGHWAY CROSSING  
132.90 - HIGHWAY SAFETY IMPROVEMENT PROGRAM (LOCAL PROJECTS)  
133.00 - SLOPE MANAGEMENT PROGRAM  
134.00 - HIGHWAY RAIL CROSSINGS  
135.00 - GOVERNOR'S OFFICE OF HIGHWAY SAFETY

### **140 - PUBLIC TRANSIT**

141.00 - FLEX FUNDS, ELDERLY & DISABLED

### **150 - ROADSIDE FACILITIES**

151.00 - REST AREA REHABILITATION  
152.00 - LANDSCAPING REHABILITATION  
153.00 - REST AREA PRESERVATION

### **160 - OPERATIONAL FACILITIES**

161.00 - SIGNAL WAREHOUSE & RPMS  
162.00 - PORT OF ENTRY  
162.01 - PORTS OF ENTRY  
162.02 - COLLECTION OF OVERWEIGHT FEES AT POE  
163.00 - MECHANICAL, HARDWARE, SOFTWARE REPLACEMENT  
164.00 - SIGN REHABILITATION  
165.00 - EMERGENCY REPAIR PROJECTS  
166.00 - MAINTENANCE (LANDSCAPE, LITTER & SWEEP)

## **200 - SYSTEM MANAGEMENT**

### **210 - DEVELOPMENT SUPPORT**

211.00 - DESIGN SUPPORT  
211.01 - ENGINEERING - STATEWIDE  
211.02 - ROADWAY GROUP - STATEWIDE  
212.00 - UTILITIES SUPPORT  
213.00 - RIGHT OF WAY SUPPORT  
214.00 - ENVIRONMENTAL SUPPORT  
214.06 - STORM WATER PROTECTION  
214.07 - SYSTEM MANAGEMENT  
214.08 - PM 2.5 AIR QUALITY PROJECTS  
215.00 - PLANNING SUPPORT  
215.01 - MATCH FOR FEDERAL FUNDS - STATEWIDE  
216.00 - BRIDGE SUPPORT  
217.00 - CONTRACT AUDITING

### **220 - OPERATING SUPPORT**

221.00 - BUSINESS ENGAGEMENT AND COMPLIANCE  
221.01 - TRAINING, ITD TECHNICAL - STATEWIDE  
221.02 - TRAINING, NHI - STATEWIDE  
222.00 - WORK ZONE SAFETY  
224.00 - PUBLIC INVOLVEMENT SUPPORT  
225.00 - PRIVATIZATION SUPPORT  
226.00 - SIB CAPITALIZATION  
227.00 - RISK MANAGEMENT INDEMNIFICATION  
228.00 - PROFESSIONAL AND OUTSIDE SERVICES  
229.00 - PARTNERING SUPPORT

### **230 - PROGRAM OPERATING CONTINGENCIES**

231.00 - DESIGN CONTINGENCY  
232.00 - GENERAL CONTINGENCY  
233.00 - EMERGENCY PROJECTS  
234.00 - CONSTRUCTION  
235.00 - RIGHT OF WAY ACQUISITION  
236.00 - FEDERAL TAX EVASION PROGRAM

## **300 - SYSTEM IMPROVEMENTS**

### **310 - MINOR CAPACITY/OPERATIONAL SPOT IMPROVEMENTS**

311.00 - DESIGN & CONSTRUCT MINOR PROJECTS  
312.00 - TRAFFIC SIGNALS  
315.00 - MINOR PROJECTS STATEWIDE

### **320 - ROADSIDE FACILITIES IMPROVEMENTS**

321.00 - STATE PARKS ROADS  
322.00 - NEW REST AREAS  
323.00 - NEW LANDSCAPING  
324.00 - TRANSPORTATION ALTERNATIVES < 200k  
325.00 - ENHANCEMENT PROJECTS - STATEWIDE  
325.01 - TRANSPORTATION ALTERNATIVES  
325.02 - ENHANCEMENT PROJECTS - STATEWIDE  
325.03 - ENHANCEMENT PROJECTS - LOCAL GOVERNMENT  
326.00 - NATIONAL RECREATIONAL TRAILS  
326.01 - RECREATIONAL TRAILS PROGRAM - STATE PARK MATCH  
327.00 - SAFE ROUTES TO SCHOOL  
328.00 - NEW PORT OF ENTRY  
329.00 - OFF-HIGHWAY IMPROVEMENT

### **330 - MAJOR CAPACITY/OPERATIONAL SPOT IMPROVEMENTS**

331.00 - SPOT CAPACITY AND OPERATIONAL IMPROVEMENTS  
332.00 - TRAFFIC INTERCHANGE PROGRAM  
333.00 - CLIMBING/PASSING LANE PROGRAM  
334.00 - ROUTE TURNBACK PROJECTS  
335.00 - ITS PROGRAM  
335.01 - RURAL ITS - STATEWIDE  
336.00 - ROADSIDE IMPROVEMENTS

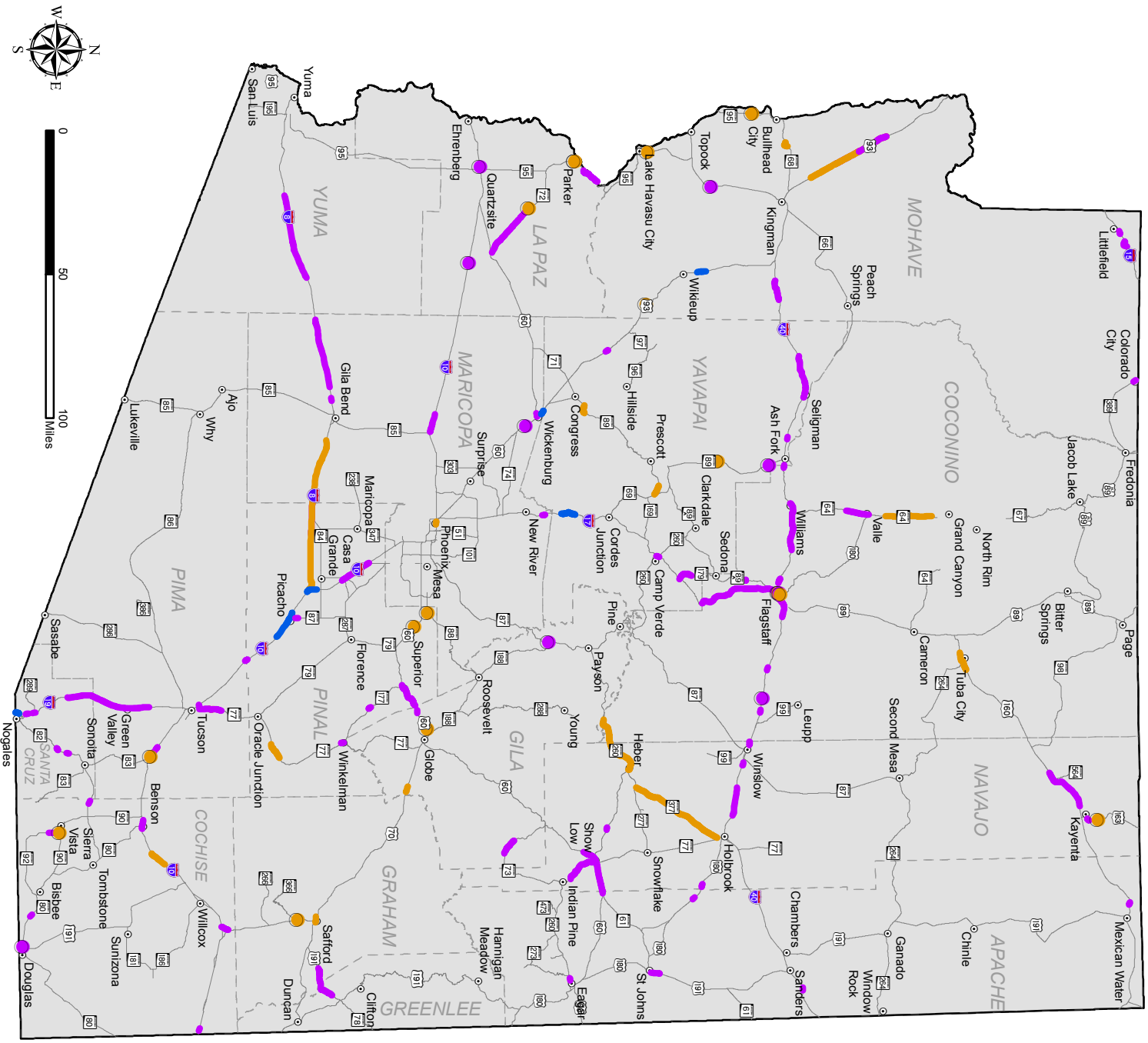
### **340 - CORRIDOR IMPROVEMENTS**

341.00 - RURAL CORRIDOR RECONSTRUCTION  
342.00 - URBAN CORRIDOR RECONSTRUCTION  
342.01 - PAG REGIONWIDE  
344.00 - SAFETY MANAGEMENT SYSTEM  
345.00 - FREEWAY SERVICE PATROLS  
346.00 - PARK AND RIDE CONSTRUCTION/IMPROVEMENTS

### **350 - HIGH PRIORITY PROJECTS**

351.00 - HIGH PRIORITY PROJECTS

# Tentative 2018-2022 Five-Year Transportation Facilities Construction Program (Construction Projects Only)



## Projects

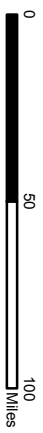
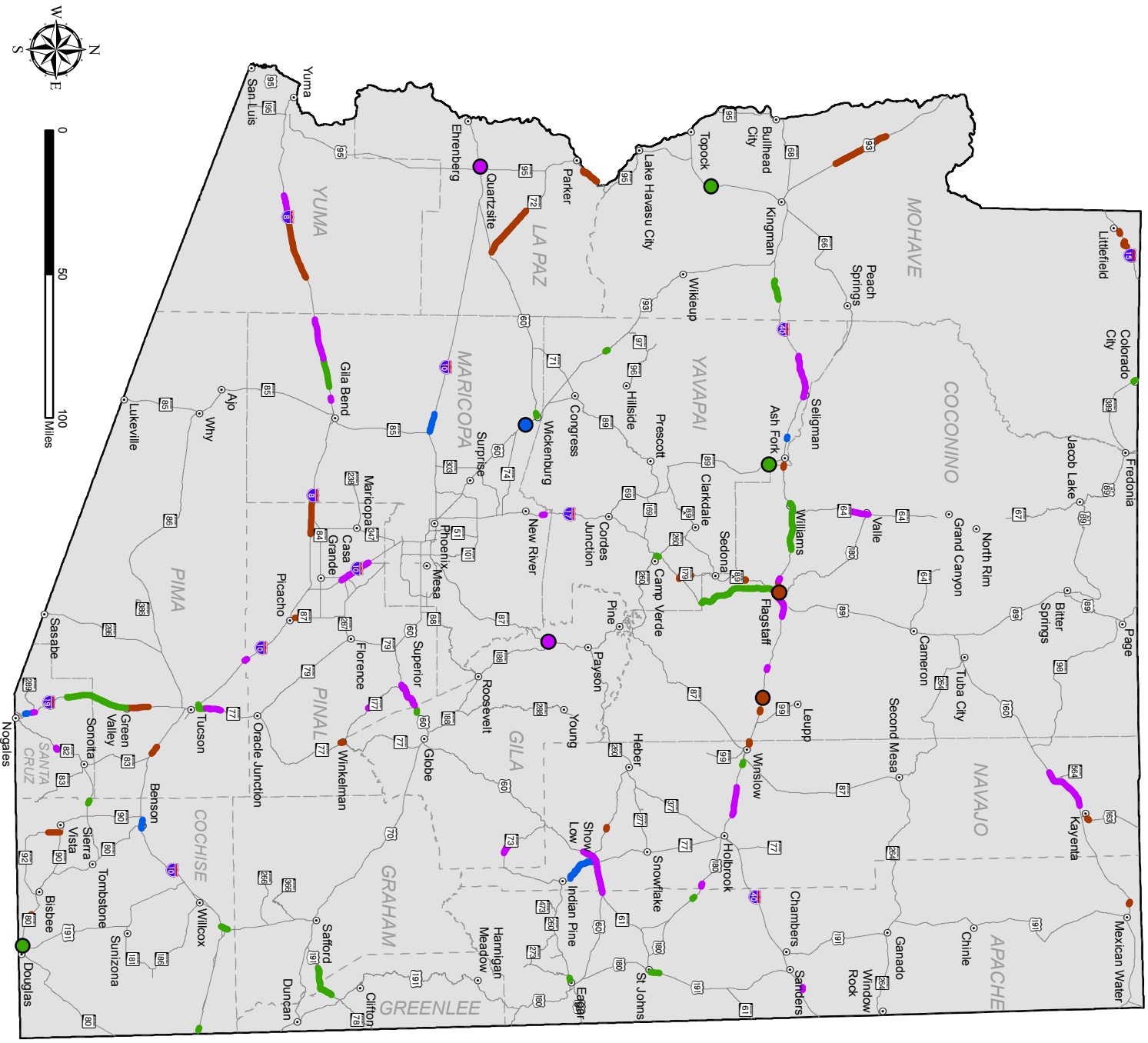
- Expansion
- Modernization
- Preservation
- Expansion
- Modernization
- Preservation
- Cities and Towns
- State Highway System
- - - County Boundary
- ▭ State Boundary



Note:  
The State of Arizona makes no claims concerning the accuracy of this map nor assumes any liability resulting from the use of the information herein.

Prepared by:  
Arizona Department of Transportation  
Multimodal Planning Division  
Transportation Analysis GIS Section  
602.712.7333  
January 2017

# Tentative 2018-2022 Five-Year Transportation Facilities Construction Program Preservation Projects



- Preservation Projects**
- 2017
  - 2018
  - 2019
  - 2020
  - 2021

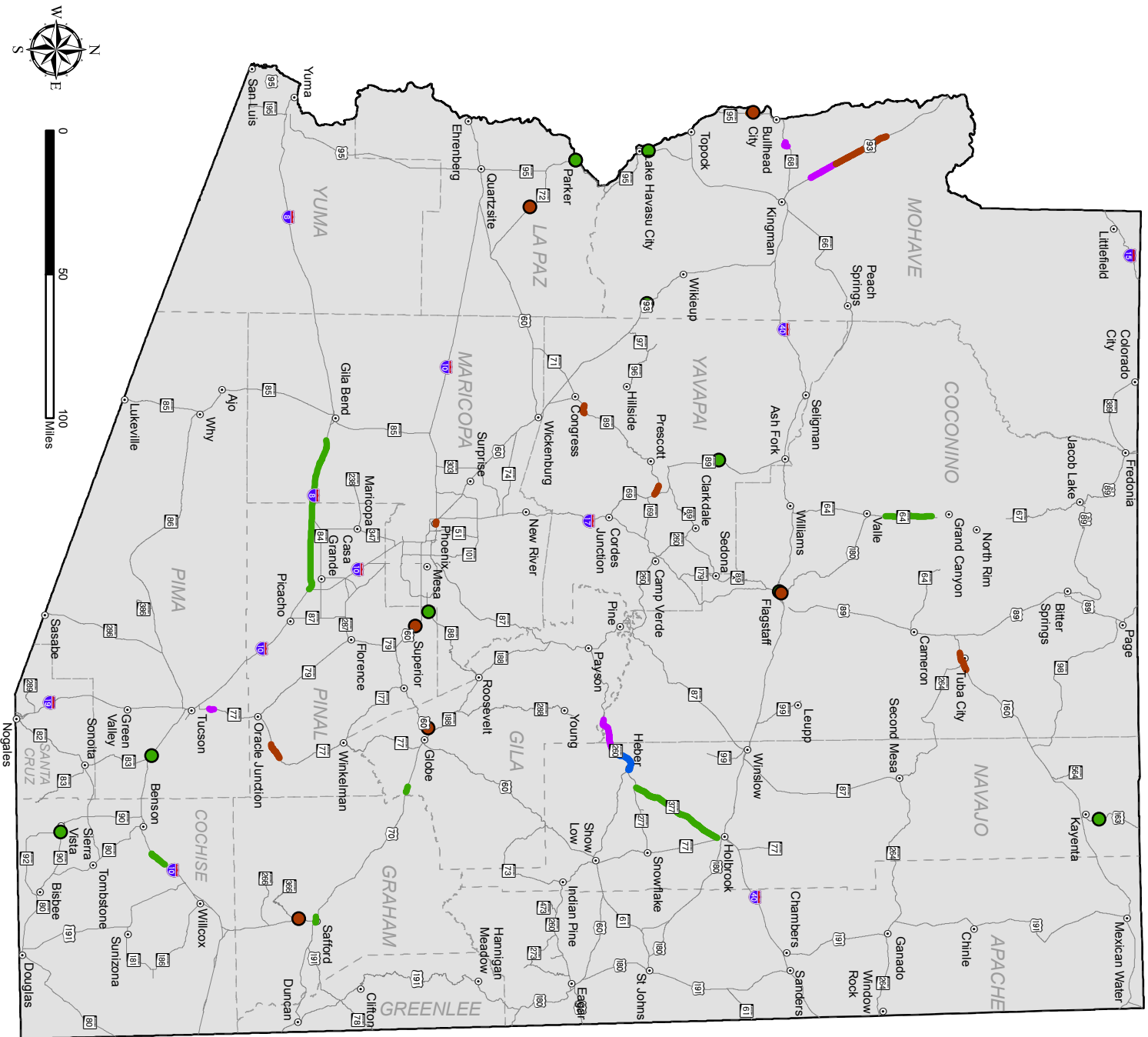
- Cities and Towns
- State Highway System
- - - County Boundary
- ▭ State Boundary



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January 2017  
602.712.7333

# Tentative 2018-2022 Five-Year Transportation Facilities Construction Program Modernization Projects



- Modernization Projects**
- 2017
  - 2018
  - 2019
  - 2020
  - 2021

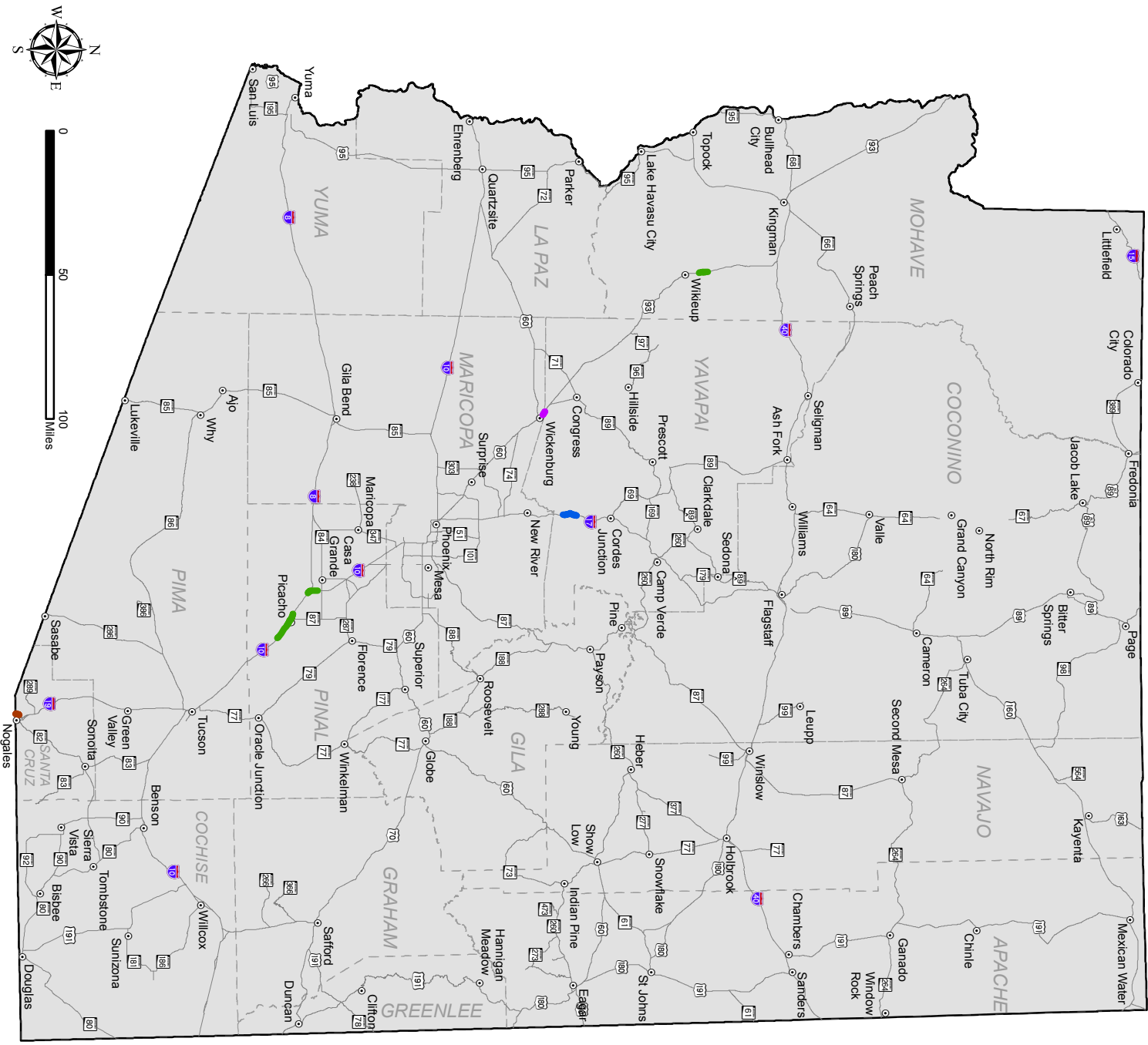
- Cities and Towns
- State Highway System
- County Boundary
- State Boundary



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January 2017  
602.712.7333

# Tentative 2018-2022 Five-Year Transportation Facilities Construction Program Expansion Projects



- Expansion Projects**
- 2017
  - 2018
  - 2019
  - 2020
  - 2021

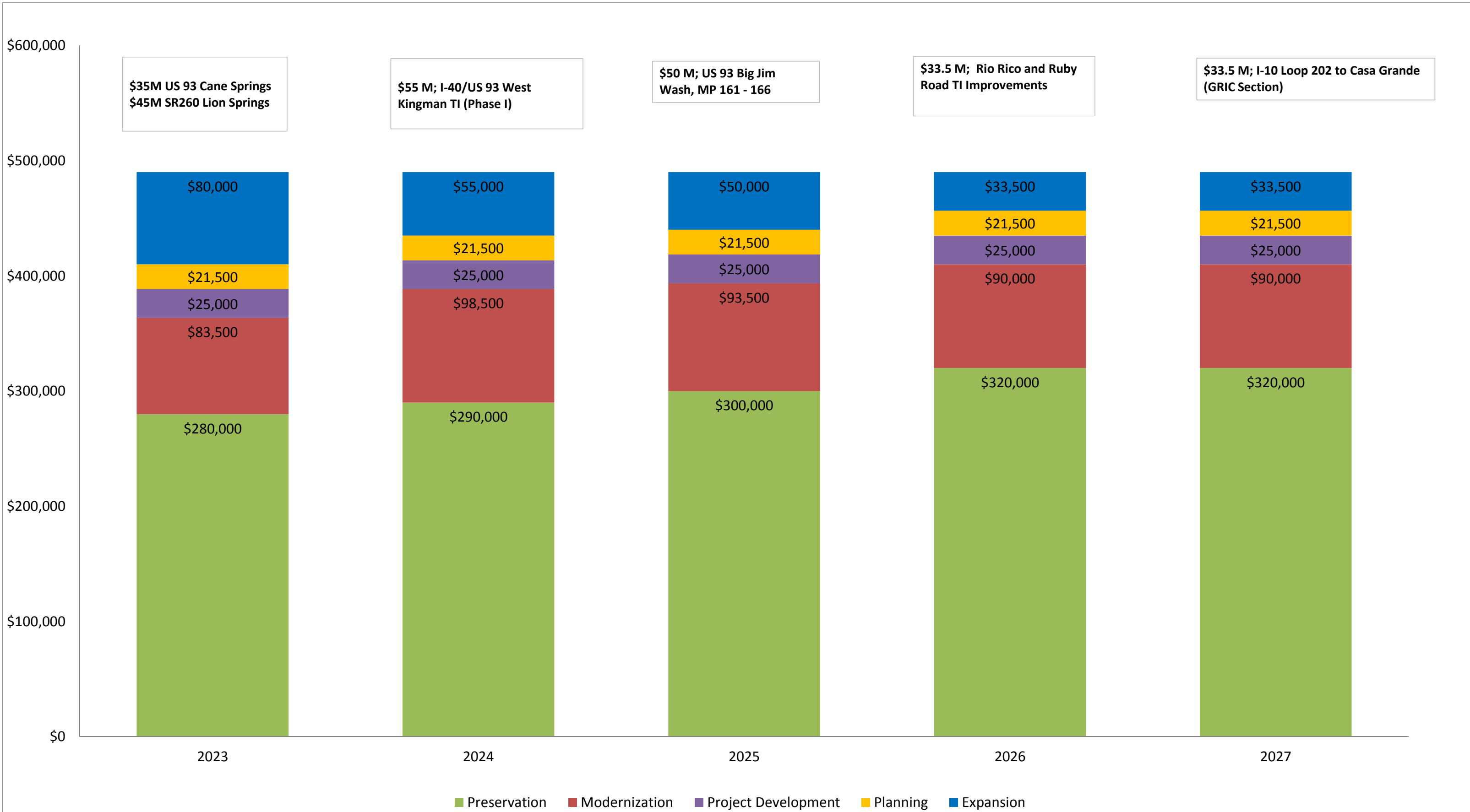
- Cities and Towns
- State Highway System
- - - County Boundary
- ▭ State Boundary



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January 2017  
602.712.7333

# Development Program





THIS LIST IS FOR REPORTING PURPOSES ONLY- NONE OF THESE PROJECTS ARE APPROVED LINE ITEM PROJECTS

TRACS	FED ID	COG	ITEM Number/TIP	Sponsor	DISTRICT	LOCATION	FY	Activity	PM	Fed Aid	COST(\$000)
SB448	NNA-0(202)T	NACOG	NNA 13-005	Navajo County	Holbrook	NAVAJO COUNTY; WOODRUFF - SNOW FLAKE BRIDGE		Construction	<a href="#">ASZITA MANSOR 602-712-6961</a>	TE/BR	\$ 500
H7637	HSIP - 070-A(209)A	SEAGO	26714		Safford	BYLAS AREA		Construction	<a href="#">STEPHEN WILSON 520-262-3247</a>	TE	\$ 956
SF042	999-A(347)D	PAG	18.11	Tucson	Tucson	HENRY ELEM SCH AREA IMPRVMENTS,650 N IGO WAY,TUCSON		Construction	<a href="#">GREGORY JOHNSON 602-712-7774</a>	TE	\$ 297
SL624	TEA - TUC-0(214)A	PAG	72.07	Tucson	Tucson	EL PASO & SOUTHWESTERN GREENWAY; KINO - UNIVERSITY		Construction	<a href="#">JODY RODRIGUEZ 520-388-4218</a>	TE	\$ 458
SF035	DGS-0(203)T	SEAGO	DGS13-05	Douglas	Safford	JOE CARLSON SAFE ROUTES TO SCHOOL		Construction	<a href="#">SUSAN WEBBER 602-712-7607</a>	SRTS	\$ 250
SL675	TEA-IT0-0(202)A	PAG	91.09	San Xavier District	Tucson	SAN XAVIER MISSION GATEWAY PATH		Construction	<a href="#">JODY RODRIGUEZ 520-388-4218</a>	TE	\$ 500
SL649	TEA -MRN-0(201)A	PAG		Marana	Tucson	SANTA CRUZ RIVER SHARED USE PATH		Construction	<a href="#">GREGORY JOHNSON 602-712-7774</a>	TE	\$ 465
SL632	PLS-0(203)T	NACOG	PTL17-010C	Pinetop-Lakeside	Globe	WOODLAND ROAD; NAVAJO LANE - SETTLERS LANE		Construction	<a href="#">ADRIAN LEON 602-712-4642</a>	TE	\$ -
SF029	PRS-0(202)T	CYMPO	CY-PRS-12-12	Prescott	Prescott	PARK AVE AT AZTEC ST, PRESCOTT		Construction	<a href="#">PHIL JESELNIK 602-712-6685</a>	SRTS	\$ 130
SL549	FLA-0(005)	FMPO	F71202	Flagstaff	Flagstaff	FLORENCE ST. TO WALNUT ST. RAILROAD UNDERPASS		Construction	<a href="#">PHIL JESELNIK 602-712-6685</a>	TE	\$ 528
SL731	FLA-0(215)T	FMPO	F71302	Flagstaff	Flagstaff	N 4TH ST FROM E HUNTINGTON DRV TO E BUTLER AVE		Construction	<a href="#">JON EBERS 928-779-7555</a>	TE	\$ 472
SL727	PRS-0(204)T	CYMPO	CY-PRS-12-10	Prescott	Prescott	NORTH&SOUTH SIDES OF GURLEY ST-COREY AVE- PLAZA DR		Construction	<a href="#">PHIL JESELNIK 602-712-6685</a>	TE	\$ 334
SF028	PRS-0(201)T	CYMPO	CY-PRS-12-04	Prescott	Prescott	GRANITE ST AT CARLETON ST AND AUBREY ST, PRESCOTT		Construction	<a href="#">PHIL JESELNIK 602-712-6685</a>	SRTS	\$ 244
H8397	TEA - 070-A(211)A	SEAGO	TEA - 070-A(211)A	Safford	SEAGO	TRIPP CANYON - 300 WEST		Construction	<a href="#">SUSAN WEBBER 602-712-7607</a>	TE	\$ 582
H8307	TEA - 092-A(202)A	SEAGO	TEA - 092-A(202)A	Safford	SEAGO	SR92 - TAYLOR AVENUE		Construction	<a href="#">GREGORY JOHNSON 602-712-7774</a>	TE	\$ 761
SL698	IT0-0(204)A	PAG	79.10	San Xavier District	Tucson	I-19 SAN XAVIER RD BTW (COMM. CTR AND INTERCHNGE)		Construction	<a href="#">JODY RODRIGUEZ 520-388-4218</a>	TE	\$ 305
Total Projects:		16								Total Funds:	\$ 7,071

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## Summary of Dollars (\$000)

		2018	2019	2020	2021	2022	Total
<b>Statewide</b>	Apache	\$10,920	\$2,750	\$2,855	\$0	\$0	\$16,525
	Cochise	\$20,605	\$320	\$0	\$9,800	\$0	\$30,725
	Coconino	\$54,692	\$48,140	\$43,453	\$5,800	\$0	\$152,085
	Gila	\$24,140	\$1,195	\$17,261	\$0	\$0	\$42,596
	Graham	\$8,436	\$1,000	\$0	\$0	\$0	\$9,436
	Greenlee	\$408	\$0	\$0	\$0	\$0	\$408
	La Paz	\$2,800	\$20,993	\$0	\$575	\$3,800	\$28,168
	Maricopa	\$47,780	\$12,320	\$31,908	\$15,718	\$5,000	\$112,726
	Mohave	\$52,637	\$59,071	\$74,639	\$0	\$0	\$186,347
	Navajo	\$10,790	\$41,031	\$26,325	\$15,268	\$0	\$93,414
	Pima	\$27,580	\$4,150	\$25,974	\$11,446	\$0	\$69,150
	Pinal	\$87,008	\$41,216	\$25,496	\$0	\$0	\$153,720
	Santa Cruz	\$800	\$69,200	\$2,420	\$29,350	\$0	\$101,770
	Yavapai	\$13,239	\$49,100	\$50,744	\$62,802	\$65,907	\$241,792
	Yuma	\$3,375	\$42,502	\$20,039	\$0	\$0	\$65,916
	Statewide	\$10,625	\$7,650	\$0	\$0	\$0	\$18,275
		<b>Total</b>	<b>\$375,835</b>	<b>\$400,638</b>	<b>\$321,114</b>	<b>\$150,759</b>	<b>\$74,707</b>
<b>Subprograms</b>	Statewide	\$99,253	\$125,162	\$117,618	\$298,603	\$381,211	\$1,021,847
	<b>Total</b>	<b>\$99,253</b>	<b>\$125,162</b>	<b>\$117,618</b>	<b>\$298,603</b>	<b>\$381,211</b>	<b>\$1,021,847</b>
<b>Total</b>		<b>\$475,088</b>	<b>\$525,800</b>	<b>\$438,732</b>	<b>\$449,362</b>	<b>\$455,918</b>	<b>\$2,344,900</b>

# Summary of Dollars (\$000) by Long Range Plan

		2018	2019	2020	2021	2022	Total
<b>Statewide</b>	<b>Expansion</b>	\$124,820	\$94,000	\$56,000	\$62,402	\$65,907	\$403,129
	<b>Modernization</b>	\$41,618	\$43,036	\$36,779	\$7,000	\$0	\$128,433
	<b>Preservation</b>	\$198,772	\$255,952	\$228,335	\$81,357	\$8,800	\$773,216
	<b>Total</b>	<b>\$365,210</b>	<b>\$392,988</b>	<b>\$321,114</b>	<b>\$150,759</b>	<b>\$74,707</b>	<b>\$1,304,778</b>
<b>Subprograms</b>	<b>Modernization</b>	\$32,728	\$55,449	\$39,274	\$77,938	\$87,989	\$293,378
	<b>Planning</b>	\$21,500	\$21,500	\$21,500	\$21,500	\$21,500	\$107,500
	<b>Preservation</b>	\$27,617	\$34,377	\$36,583	\$178,643	\$251,200	\$528,420
	<b>Project Development</b>	\$28,033	\$21,486	\$20,261	\$20,522	\$20,522	\$110,824
	<b>Total</b>	<b>\$109,878</b>	<b>\$132,812</b>	<b>\$117,618</b>	<b>\$298,603</b>	<b>\$381,211</b>	<b>\$1,040,122</b>
<b>Total</b>		<b>\$475,088</b>	<b>\$525,800</b>	<b>\$438,732</b>	<b>\$449,362</b>	<b>\$455,918</b>	<b>\$2,344,900</b>

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary	
<b>MP 0.1-MP31 Various Bridges</b>														
8363 / Hxxxx01D	I 8	0	YU	Southwest	126, BRIDGE INSPECTION & INVENTORY Design Bridge Deck Rehabilitation	1	NHPP	\$750	\$0	\$0	\$0	\$0	\$750	
								\$1,000 (Estimate)	\$750	\$0	\$0	\$0	\$0	\$750
<b>AVENUE 36E - MP 46</b>														
7874 / F009201D	I 8	37	YU	Southwest	111, PAVEMENT PRESERVATION - STATEWIDE Pavement Rehabilitation	9	NHPP	\$425	\$0	\$0	\$0	\$0	\$425	
7874 / F009201C								NHPP	\$0	\$0	\$18,739	\$0	\$0	\$18,739
								\$19,164 (Estimate)	\$425	\$0	\$18,739	\$0	\$0	\$19,164
<b>MP 46 - SW OF DATELAND</b>														
7867 / F009301C	I 8	46	YU	Southwest	111, PAVEMENT PRESERVATION - STATEWIDE Pavement Rehabilitation	21	NHPP	\$0	\$42,502	\$0	\$0	\$0	\$42,502	
								\$42,502 (Estimate)	\$0	\$42,502	\$0	\$0	\$0	\$42,502
<b>EAST OF YUMA / MARICOPA COUNTY LINE</b>														
7877 / F009401C	I 8	82	MA	Southwest	111, PAVEMENT PRESERVATION - STATEWIDE Pavement Rehabilitation	14	NHPP	\$0	\$0	\$29,446	\$0	\$0	\$29,446	
								\$29,446 (Estimate)	\$0	\$0	\$29,446	\$0	\$0	\$29,446
<b>MP 96 - PALOMA ROAD</b>														
6688 / H892201C	I 8	96	MA	Southwest	111, PAVEMENT PRESERVATION - STATEWIDE Pavement Rehabilitation	10	NHPP	\$16,000	\$0	\$0	\$0	\$0	\$16,000	
								\$16,000 (Estimate)	\$16,000	\$0	\$0	\$0	\$0	\$16,000
<b>WASH BRIDGE #1505</b>														
7920 / Hxxx01D	I 8	110	MA	Southwest	126, BRIDGE INSPECTION & INVENTORY Design Scour Retrofit	1	NHPP	\$200	\$0	\$0	\$0	\$0	\$200	
7920 / Hxxx01C								NHPP	\$0	\$0	\$130	\$0	\$0	\$130
								\$330 (Estimate)	\$200	\$0	\$130	\$0	\$0	\$330
<b>GILA BEND REST AREA - I-10</b>														
6900 / H855701C	I 8	125	MA	Southwest	211, DESIGN SUPPORT Sign Replacement	53	HSIP	\$2,080	\$0	\$0	\$0	\$0	\$2,080	
								\$2,080 (Estimate)	\$2,080	\$0	\$0	\$0	\$0	\$2,080
<b>SW OF MARICOPA - S OF STANFIELD</b>														
7872 / F011201C	I 8	148	PN	Southcentral	111, PAVEMENT PRESERVATION - STATEWIDE Pavement Rehabilitation	11	NHPP	\$0	\$22,666	\$0	\$0	\$0	\$22,666	
								\$22,666 (Estimate)	\$0	\$22,666	\$0	\$0	\$0	\$22,666
<b>TYSON WASH BRIDGE EB #791 AND WB #792</b>														
4772 / H863001C	SR 10	18	YU	Central	125, BRIDGE REPLACEMENT & REHABILITATION Construct Bridge Rehabilitation	0	NHPP	\$0	\$0	\$1,300	\$0	\$0	\$1,300	
								\$1,300 (Estimate)	\$0	\$0	\$1,300	\$0	\$0	\$1,300
<b>BOUSE WASH REST AREA</b>														
9106 / FXXXX01D	I 10	52	LA	Southwest	153, REST AREA PRESERVATION Rehabilitate Rest Area		NHPP	\$0	\$0	\$0	\$575	\$0	\$575	
9106 / FXXXX01C								NHPP	\$0	\$0	\$0	\$0	\$3,800	\$3,800
								\$4,375 (Estimate)	\$0	\$0	\$0	\$575	\$3,800	\$4,375

HIGHWAYS

All amounts are in thousands (\$000)

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
I 10 106 MA Southwest MP 105.95 W OF BUCKEYE TO JCT SR-85													
9107 / Fxxxx01D		111, PAVEMENT PRESERVATION - STATEWIDE			Pavement Rehabilitation	6	NH	\$0	\$320	\$0	\$0	\$0	\$320
9107 / Fxxxx01C							NHPP	\$0	\$0	\$0	\$13,418	\$0	\$13,418
								\$0	\$320	\$0	\$13,418	\$0	\$13,738
I 10 130 MA Central DYSART ROAD - I-17													
11717 / H878601C		111, PAVEMENT PRESERVATION - STATEWIDE			Pavement Rehabilitation	13	NHPP	\$26,500	\$0	\$0	\$0	\$0	\$26,500
								\$26,500	\$0	\$0	\$0	\$0	\$26,500
I 10 144 MA Central DECK PARK TUNNEL FIRE DC													
9161 / Fxxxx01D		311, DESIGN & CONSTRUCT MINOR PROJECTS			Replace Fire DC Waterline	1	NHPP	\$245	\$0	\$0	\$0	\$0	\$245
9161 / Fxxxx01C							NHPP	\$0	\$0	\$1,682	\$0	\$0	\$1,682
								\$245	\$0	\$1,682	\$0	\$0	\$1,927
I 10 175 PN Southcentral SR 587 - SR 387													
7873 / F011301C		111, PAVEMENT PRESERVATION - STATEWIDE			Pavement Rehabilitation	11	NHPP	\$0	\$0	\$23,146	\$0	\$0	\$23,146
								\$0	\$0	\$23,146	\$0	\$0	\$23,146
I 10 196 PN Southcentral EARLEY RD TO JCT I-8													
3649 / H798401C		341, RURAL CORRIDOR RECONSTRUCTION			Widen to 6 Lanes	4	NHPP	\$40,000	\$0	\$0	\$0	\$0	\$40,000
								\$40,000	\$0	\$0	\$0	\$0	\$40,000
I 10 210 PN Southcentral SR 87 TO TOWN OF PICACHO													
14510 / H769601C		341, RURAL CORRIDOR RECONSTRUCTION			Widen to 6 Lanes	4	NHPP	\$39,320	\$0	\$0	\$0	\$0	\$39,320
								\$39,320	\$0	\$0	\$0	\$0	\$39,320
I 10 232 PN Southcentral PINAL AIR PARK TI UP STR #771													
8366 / H894101C		126, BRIDGE INSPECTION & INVENTORY			Construct Bridge Rehabilitation	1	NHPP	\$0	\$0	\$2,000	\$0	\$0	\$2,000
								\$0	\$0	\$2,000	\$0	\$0	\$2,000
I 10 262 PM Southcentral AJO WAY, IRVINGTON, PALO VERDE STR #'S 1107, 1108, 1217, 1218, 1219, 1220													
9162 / Fxxxx01D		125, BRIDGE REPLACEMENT & REHABILITATION			Design	2	NHPP	\$300	\$0	\$0	\$0	\$0	\$300
								\$300	\$0	\$0	\$0	\$0	\$300
I 10 277 PM Southcentral WASH BRIDGE #463													
7916 / F009501C		126, BRIDGE INSPECTION & INVENTORY			Construct Scour Retrofit	1	NHPP	\$0	\$150	\$0	\$0	\$0	\$150
								\$0	\$150	\$0	\$0	\$0	\$150
I 10 279 PM Southcentral VAIL ROAD TIUP EB#744 & MTN VIEW TIUP #1053													
7928 / F003301C		125, BRIDGE REPLACEMENT & REHABILITATION			Construct Bridge Replacement	1	NHPP	\$0	\$4,000	\$0	\$0	\$0	\$4,000
								\$0	\$4,000	\$0	\$0	\$0	\$4,000

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
8341 / F006801C	I 10	281	PM	Southcentral	I-10 EASTBOUND OFFRAMP AT SR 83								
		311, DESIGN & CONSTRUCT MINOR PROJECTS			Construct Intersection Improvements	0	NHPP	\$200	\$0	\$0	\$0	\$0	\$200
								\$200	\$0	\$0	\$0	\$0	\$200
								\$200	\$0	\$0	\$0	\$0	\$200
23614 / F002301C	I 10	316	CH	Southeast	DRAGOON ROAD - JOHNSON ROAD PHASE II								
		132, HIGHWAY SAFETY IMPROVEMENT PROGRAM			Construct Safety Improvements	6	HSIP	\$2,500	\$0	\$0	\$0	\$0	\$2,500
								\$2,500	\$0	\$0	\$0	\$0	\$2,500
								\$2,500	\$0	\$0	\$0	\$0	\$2,500
8365 / HXXXX01D	I 10	336	CH	Southeast	W WILLCOX TI UP, STR #1113								
		126, BRIDGE INSPECTION & INVENTORY			Design Bridge Rehabilitation	1	NHPP	\$550	\$0	\$0	\$0	\$0	\$550
								\$550	\$0	\$0	\$0	\$0	\$550
								\$550	\$0	\$0	\$0	\$0	\$550
6690 / F002801C	I 10	389	CH	Southeast	ISLAND WASH BRIDGES EB #658 & WB #210								
		126, BRIDGE INSPECTION & INVENTORY			Construct Scour Retrofit	1	NHPP	\$375	\$0	\$0	\$0	\$0	\$375
								\$375	\$0	\$0	\$0	\$0	\$375
								\$375	\$0	\$0	\$0	\$0	\$375
9108 / Fxxxx01D	SR 10B	303	CH	Southcentral	BENSON BYPASS								
		111, PAVEMENT PRESERVATION - STATEWIDE			Pavement Rehabilitation	5	STBGP	\$0	\$320	\$0	\$0	\$0	\$320
9108 / Fxxxx01C							STBGP	\$0	\$0	\$0	\$9,800	\$0	\$9,800
								\$0	\$320	\$0	\$9,800	\$0	\$10,120
								\$0	\$320	\$0	\$9,800	\$0	\$10,120
10219 / H876001C	I 15	9	MO	Northcentral	VIRGIN RIVER BRIDGE NUMBER 1 STR #1089								
		125, BRIDGE REPLACEMENT & REHABILITATION			Construct Bridge Replacement	1	NHPP	\$0	\$0	\$50,000	\$0	\$0	\$50,000
								\$0	\$0	\$50,000	\$0	\$0	\$50,000
								\$0	\$0	\$50,000	\$0	\$0	\$50,000
19516 / H881201C	I 15	13	MO	Northcentral	VIRGIN RIVER BRIDGES #2 STR #1614, #4 STR #1616, AND #5 SB STR #1618 AND NB STR #1617								
		125, BRIDGE REPLACEMENT & REHABILITATION			Construct Bridge Rehabilitation	3	NHPP	\$0	\$5,500	\$0	\$0	\$0	\$5,500
								\$0	\$5,500	\$0	\$0	\$0	\$5,500
								\$0	\$5,500	\$0	\$0	\$0	\$5,500
13817 / H845401C	I 17	238	MA	Northwest	MOORES GULCH BRIDGES, STR #339 AND STR #967								
		125, BRIDGE REPLACEMENT & REHABILITATION			Construct Bridge Replacement	1	NHPP	\$0	\$0	\$0	\$0	\$5,000	\$5,000
								\$0	\$0	\$0	\$0	\$5,000	\$5,000
								\$0	\$0	\$0	\$0	\$5,000	\$5,000
8448 / Fxxxx01D	I 17	245	YV	Northwest	BLACK CANYON - SUNSET POINT								
		341, RURAL CORRIDOR RECONSTRUCTION			Final Design	5	NHPP	\$0	\$15,000	\$0	\$0	\$0	\$15,000
8448 / Fxxxx01C					Widen Roadway		NHPP	\$0	\$0	\$0	\$62,402	\$0	\$62,402
8448 / Fxxxx01C							NHPP	\$0	\$0	\$0	\$0	\$65,907	\$65,907
								\$0	\$15,000	\$0	\$62,402	\$65,907	\$143,309
								\$0	\$15,000	\$0	\$62,402	\$65,907	\$143,309

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary	
8367 / F008601C	I 17	248	YV	Northwest	BUMBLE BEE TI OP NB #1171 Construct Bridge Rehabilitation	1	NHPP	\$0	\$0	\$2,500	\$0	\$0	\$2,500	
								\$2,500 (Estimate)	\$0	\$0	\$2,500	\$0	\$0	\$2,500
15316 / H854401C	I 17	287	YV	Northcentral	VERDE RIVER BRIDGE STR# 1731 & 505 Construct Scour Retrofit	1	NHPP	\$0	\$2,500	\$0	\$0	\$0	\$2,500	
								\$2,500 (Estimate)	\$0	\$2,500	\$0	\$0	\$0	\$2,500
6705 / H893401C	I 17	312	CN	Northcentral	COCONINO COUNTY LINE - I-40 (NB) Pavement Rehabilitation	29	NHPP	\$0	\$27,000	\$0	\$0	\$0	\$27,000	
								\$27,000 (Estimate)	\$0	\$27,000	\$0	\$0	\$0	\$27,000
13917 / H872101C	I 17	326	CN	Northcentral	WILLARD SPRINGS TI OP, SB STR#1584 & NB #1583 Construct Bridge Replacement	1	NHPP	\$4,500	\$0	\$0	\$0	\$0	\$4,500	
								\$4,500 (Estimate)	\$4,500	\$0	\$0	\$0	\$0	\$4,500
8802 / F010101D	I 19	7	SC	Southcentral	RUBY RD TI UP #1240 Design Bridge Rehabilitation	1	NHPP	\$400	\$0	\$0	\$0	\$0	\$400	
8802 / F010101C					Construct Bridge Rehabilitation		NHPP	\$0	\$0	\$2,000	\$0	\$0	\$2,000	
								\$2,400 (Estimate)	\$400	\$0	\$2,000	\$0	\$0	\$2,400
6707 / H893501C	I 19	21	SC	Southcentral	TUBAC - WEST ARIVACA RD Pavement Rehabilitation	11	NHPP	\$0	\$0	\$0	\$29,000	\$0	\$29,000	
								\$29,000 (Estimate)	\$0	\$0	\$0	\$29,000	\$0	\$29,000
3973 / H871601C	I 19	32	PM	Southcentral	CANOA RANCH REST AREA - DUVAL MINE ROAD TI Pavement Rehabilitation	11	NHPP	\$16,300	\$0	\$0	\$0	\$0	\$16,300	
								\$16,300 (Estimate)	\$16,300	\$0	\$0	\$0	\$0	\$16,300
17215 / D	I 19	43	PM	Tucson	DUVAL MINE RD TI TO PIMA MINE RD TI Design	7	NH	\$320	\$0	\$0	\$0	\$0	\$320	
13216 / Fxxxx01C					RR 4" AR ACFC		NHPP	\$0	\$0	\$16,033	\$0	\$0	\$16,033	
								\$16,353 (Estimate)	\$320	\$0	\$16,033	\$0	\$0	\$16,353
19616 / F000401C	I 19	45	PM	Southcentral	EL TORO ROAD OP, SB #1573 & NB #1572 Construct Bridge Rehabilitation	1	NHPP	\$0	\$0	\$5,000	\$0	\$0	\$5,000	
								\$5,000 (Estimate)	\$0	\$0	\$5,000	\$0	\$0	\$5,000
8368 / F013801D	I 19	46	PM	Southcentral	HELMET PEAK TI UP STR #1356 Design Bridge Rehabilitation	1	NHPP	\$500	\$0	\$0	\$0	\$0	\$500	
8368 / F013801C					Construct Bridge Rehabilitation		NHPP	\$0	\$0	\$2,000	\$0	\$0	\$2,000	
								\$2,500 (Estimate)	\$500	\$0	\$2,000	\$0	\$0	\$2,500

HIGHWAYS

All amounts are in thousands (\$000)

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>Portero Canyon Bridge #325</b>													
7925 / Hxxx01D	I 19B	5	SC	Southcentral	Design Scour Retrofit	1	NHPP	\$0	\$200	\$0	\$0	\$0	\$200
7925 / Hxxx01C	126, BRIDGE INSPECTION & INVENTORY				Construct Scour Retrofit		NHPP	\$0	\$0	\$0	\$350	\$0	\$350
<b>\$550 (Estimate)</b>								\$0	\$200	\$0	\$350	\$0	\$550
<b>HAVILAND REST AREA</b>													
12416 / H826301C	I 40	23	MO	Northwest	Haviland: Structural Rehab Replace Composting Toilets & Structural Rehab	0	NHPP	\$4,300	\$0	\$0	\$0	\$0	\$4,300
<b>\$4,300 (Estimate)</b>								\$4,300	\$0	\$0	\$0	\$0	\$4,300
<b>I-40 BRIDGES, STR #1315, #901, #847 &amp; #1658</b>													
8375 / Hxxxx01D	I 40	23	MO	Northwest	Design Bridge Rehabilitation	1	NHPP	\$1,000	\$0	\$0	\$0	\$0	\$1,000
<b>\$1,000 (Estimate)</b>								\$1,000	\$0	\$0	\$0	\$0	\$1,000
<b>CLACK CANYON WASH EB #1838 &amp; WB #1838</b>													
9109 / Fxxxx01D	I 40	49	MO	Northwest	Design Bridge Rehabilitation	2	STBGP	\$0	\$800	\$0	\$0	\$0	\$800
<b>\$0 (Estimate)</b>								\$0	\$800	\$0	\$0	\$0	\$800
<b>WILLOW CREEK BRIDGE NO. 3 EB (STR #1594)</b>													
9163 / Fxxxx01L	I 40	83	MO	Kingman	Project Assessment Study	1	NHPP	\$120	\$0	\$0	\$0	\$0	\$120
<b>\$120 (Estimate)</b>								\$120	\$0	\$0	\$0	\$0	\$120
<b>MARKHAM WASH - EAST 40B (WB)</b>													
6716 / H893301C	I 40	108	YV	Northwest	Pavement Rehabilitation	15	NHPP	\$0	\$18,000	\$0	\$0	\$0	\$18,000
<b>\$18,000 (Estimate)</b>								\$0	\$18,000	\$0	\$0	\$0	\$18,000
<b>ANVIL ROCK RD TI UP #1610</b>													
9110 / Fxxxx01D	I 40	109	YV	Northwest	Design Bridge Rehabilitation	1	NHPP	\$0	\$600	\$0	\$0	\$0	\$600
<b>\$600 (Estimate)</b>								\$0	\$600	\$0	\$0	\$0	\$600
<b>WEST SELIGMAN BRIDGES STR #1258, #1798 &amp; #1799</b>													
7862 / H894001U	I 40	121	YV	Northwest	Construct Bridge Rehabilitation	1	NHPP	\$300	\$0	\$0	\$0	\$0	\$300
7862 / H894001C	125, BRIDGE REPLACEMENT & REHABILITATION						NHPP	\$5,500	\$0	\$0	\$0	\$0	\$5,500
<b>\$7,000 (Estimate)</b>								\$5,800	\$0	\$0	\$0	\$0	\$5,800
<b>E SELIGMAN TI OP, EB #1259 &amp; WB #1260</b>													
8374 / Hxxxx01D	I 40	123	CN	Northwest	Design Bridge Deck Rehabilitation	1	NHPP	\$800	\$0	\$0	\$0	\$0	\$800
<b>\$800 (Estimate)</b>								\$800	\$0	\$0	\$0	\$0	\$800
<b>PINEVETA DRAW EB#1175 &amp; WB#1176</b>													
7926 / Hxxx01D	I 40	138	YV	Northwest	Design Scour Retrofit	1	NHPP	\$300	\$0	\$0	\$0	\$0	\$300
7926 / Hxxx01C	126, BRIDGE INSPECTION & INVENTORY				Construct Scour Retrofit		NHPP	\$0	\$0	\$0	\$400	\$0	\$400
<b>\$700 (Estimate)</b>								\$300	\$0	\$0	\$400	\$0	\$700

HIGHWAYS

All amounts are in thousands (\$000)

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary	
20915 / H869401C	I 40	162	CN	Northcentral	CATARACT LAKE ROAD - PARKS TI RR(5'TL,3'PL) + FR	17	NHPP	\$31,300	\$0	\$0	\$0	\$0	\$31,300	
								<b>\$31,300 (Estimate)</b>	\$31,300	\$0	\$0	\$0	\$0	\$31,300
24815 / H872701C	I 40	165	CN	Northcentral	E WILLIAMS RR OVERPASS, STR EB #1911 & WB #1912 Construct Bridge Rehabilitation	1	NHPP	\$1,500	\$0	\$0	\$0	\$0	\$1,500	
								<b>\$2,500 (Estimate)</b>	\$1,500	\$0	\$0	\$0	\$0	\$1,500
8806 / F010601D	I 40	185	CN	Northcentral	BELLEMONT TI UNDERPASS EB #783 & WB #1083 Design Bridge Rehabilitation	0	NHPP	\$1,000	\$0	\$0	\$0	\$0	\$1,000	
8806 / F010601C					Construct Bridge Rehabilitation		NHPP	\$0	\$0	\$4,000	\$0	\$0	\$4,000	
								\$1,000	\$0	\$4,000	\$0	\$0	\$5,000	
8804 / F010701D	I 40	190	CN	Northcentral	A-1 MOUNTAIN TI UNDERPASS, STR #896 Design Bridge Rehabilitation	0	NHPP	\$500	\$0	\$0	\$0	\$0	\$500	
8804 / F010701C					Construct Bridge Rehabilitation		NHPP	\$0	\$0	\$3,000	\$0	\$0	\$3,000	
								<b>\$3,500 (Estimate)</b>	\$500	\$0	\$3,000	\$0	\$0	\$3,500
7923 / Hxxx01D	I 40	190	CN	Northcentral	RIORDAN ATSFRR OP EB#322 & WB#897 Design Scour Retrofit	1	NHPP	\$250	\$0	\$0	\$0	\$0	\$250	
7923 / Hxxx01C					Construct Scour Retrofit		NHPP	\$0	\$0	\$1,500	\$0	\$0	\$1,500	
								<b>\$1,750 (Estimate)</b>	\$250	\$0	\$1,500	\$0	\$0	\$1,750
55214 / H877701C	I 40	191	CN	Northcentral	W. FLAGSTAFF TI OVERPASS, STR EB #1128 AND WB #1129 Construct Bridge Replacement	1	NHPP	\$0	\$6,000	\$0	\$0	\$0	\$6,000	
								<b>\$6,000 (Estimate)</b>	\$0	\$6,000	\$0	\$0	\$0	\$6,000
8162 / F004301D	I 40	195	CN	Northcentral	I-17 - WALNUT CANYON ROAD Pavement Rehabilitation	10	NHPP	\$320	\$0	\$0	\$0	\$0	\$320	
8162 / F004301C							NHPP	\$0	\$0	\$21,453	\$0	\$0	\$21,453	
								<b>\$21,773 (Estimate)</b>	\$320	\$0	\$21,453	\$0	\$0	\$21,773
24715 / H877501C	I 40	195	CN	Northcentral	I-17 / I-40 INTERCHANGE, STR #1261 - #1264 Construct Bridge Deck Rehabilitation	2	NHPP	\$10,500	\$0	\$0	\$0	\$0	\$10,500	
								<b>\$10,500 (Estimate)</b>	\$10,500	\$0	\$0	\$0	\$0	\$10,500
19816 / H881501C	I 40	198	CN	Flagstaff	BUTLER AVE TI OP & 4TH ST OVERPASS, STR #2076, 2077, 1182 & 1183 Bridge Rehabilitation	2	NHPP	\$0	\$0	\$3,000	\$0	\$0	\$3,000	
								<b>\$3,000 (Estimate)</b>	\$0	\$0	\$3,000	\$0	\$0	\$3,000

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary	
WINONA TI UNDERPASS, STR #1084														
8808 / F010801D	I 40	211	CN	Northcentral	125, BRIDGE REPLACEMENT & REHABILITATION	Design Bridge Rehabilitation	0	NHPP	\$500	\$0	\$0	\$0	\$0	\$500
8808 / F010801C						Construct Bridge Rehabilitation		NHPP	\$0	\$0	\$3,000	\$0	\$0	\$3,000
									\$500	\$0	\$3,000	\$0	\$0	\$3,500
									\$3,500 (Estimate)					
BABBITS TANK WB #1385 & BUFFALO RANGE TI UP EB# 1386 & 1387														
8372 / H892801C	I 40	224	CN	Northcentral	126, BRIDGE INSPECTION & INVENTORY	Construct Bridge Rehabilitation	1	NHPP	\$0	\$0	\$2,000	\$0	\$0	\$2,000
									\$0	\$0	\$2,000	\$0	\$0	\$2,000
									\$3,000 (Estimate)					
TWO GUNS TI UP #1388 & METEOR CRATER TI UP #1389														
8371 / Hxxxx01D	I 40	230	CN	Northcentral	126, BRIDGE INSPECTION & INVENTORY	Design Bridge Deck Rehabilitation	1	NHPP	\$800	\$0	\$0	\$0	\$0	\$800
									\$800	\$0	\$0	\$0	\$0	\$800
									\$800 (Estimate)					
PAINTED CLIFFS & METEOR CRATER REST AREAS														
13215 / H821401D	I 40	235	SW	Northeast	153, REST AREA PRESERVATION	Design		NHPP	\$625	\$0	\$0	\$0	\$0	\$625
11116 / H821401C						Replace Water Pumps, Rehab facilities		NHPP	\$0	\$5,600	\$0	\$0	\$0	\$5,600
									\$625	\$5,600	\$0	\$0	\$0	\$6,225
									\$6,225 (Estimate)					
METEOR CITY TI OVERPASS, EB #1391 & WB #1392														
18816 / H873501C	I 40	239	CN	Northcentral	125, BRIDGE REPLACEMENT & REHABILITATION	Construct Bridge Rehabilitation	1	NHPP	\$0	\$3,500	\$0	\$0	\$0	\$3,500
									\$0	\$3,500	\$0	\$0	\$0	\$3,500
									\$3,500 (Estimate)					
LEUPP TI UP STR #1317														
8370 / Hxxxx01D	I 40	245	CN	Northcentral	126, BRIDGE INSPECTION & INVENTORY	Design Bridge Rehabilitation	1	NHPP	\$600	\$0	\$0	\$0	\$0	\$600
									\$600	\$0	\$0	\$0	\$0	\$600
									\$600 (Estimate)					
COTTONWOOD BRIDGE, EB #519 & WB #520														
14117 / H872201C	I 40	259	NA	Northcentral	125, BRIDGE REPLACEMENT & REHABILITATION	Construct Bridge Rehabilitation	1	NHPP	\$6,000	\$0	\$0	\$0	\$0	\$6,000
									\$6,000	\$0	\$0	\$0	\$0	\$6,000
									\$6,000 (Estimate)					
JACKRABBIT RD - JOSEPH CITY														
6717 / H893801C	I 40	268	NA	Northeast	111, PAVEMENT PRESERVATION - STATEWIDE	Pavement Rehabilitation	10	NHPP	\$0	\$13,300	\$0	\$0	\$0	\$13,300
									\$0	\$13,300	\$0	\$0	\$0	\$13,300
									\$13,962 (Estimate)					
HERMOSA DRIVE UP #1368														
9116 / Fxxxx01D	I 40	288	NA	Northeast	126, BRIDGE INSPECTION & INVENTORY	Design Bridge Rehabilitation	1	NHPP	\$0	\$600	\$0	\$0	\$0	\$600
									\$0	\$600	\$0	\$0	\$0	\$600
									\$600 (Estimate)					
BLACK CREEK EB#1134/WB#1642 & HOUCK TI UP #955														
8369 / F008801C	I 40	347	CN	Northeast	126, BRIDGE INSPECTION & INVENTORY	Construct Bridge Rehabilitation	1	NHPP	\$0	\$0	\$5,500	\$0	\$0	\$5,500
									\$0	\$0	\$5,500	\$0	\$0	\$5,500
									\$5,500 (Estimate)					

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
7863 / H890501C	I 40B	196	CN	Northcentral	RIO DE FLAG BRIDGE, STR #295 Construct Bridge Replacement	0	NHPP	\$0	\$2,500	\$0	\$0	\$0	\$2,500
								\$0	\$2,500	\$0	\$0	\$0	\$2,500
								\$2,500 (Estimate)					
7932 / H894401C	SS 40S	0	NA	Northcentral	W Winslow Spur RR OP #1829 Construct Bridge Rehabilitation	1	STBGP	\$0	\$2,500	\$0	\$0	\$0	\$2,500
								\$0	\$2,500	\$0	\$0	\$0	\$2,500
								\$2,500 (Estimate)					
7864 / F007901C	US 60	109	MA	Northwest	LOS ALTOS DR - KERKES STREET Pavement Rehabilitation	1	NHPP	\$2,533	\$0	\$0	\$0	\$0	\$2,533
								\$2,533	\$0	\$0	\$0	\$0	\$2,533
								\$2,533 (Estimate)					
9117 / FXXXX01D	US 60	116	MA	Central	HASSAYAMPA REST AREA Rehabilitate Rest Area		NHPP	\$0	\$0	\$450	\$0	\$0	\$450
9117 / FXXXX01C							STBGP	\$0	\$0	\$0	\$2,300	\$0	\$2,300
								\$0	\$0	\$450	\$2,300	\$0	\$2,750
								\$2,750 (Estimate)					
9164 / Fxxxx01D	US 60	156	MA	Central	Northern Ave & Bethany Home Road Left Turn Bay Extension	0	NHPP	\$222	\$0	\$0	\$0	\$0	\$222
9164 / Fxxxx01C						1	NHPP	\$0	\$0	\$200	\$0	\$0	\$200
								\$222	\$0	\$200	\$0	\$0	\$422
								\$422 (Estimate)					
9118 / D	US 60	226	PN	Southeast	SUPERIOR TO GILA COUNTY LINE Pavement Rehabilitation	10	NHPP	\$320	\$0	\$0	\$0	\$0	\$320
9118 / C							NHPP	\$0	\$8,125	\$0	\$0	\$0	\$8,125
								\$320	\$8,125	\$0	\$0	\$0	\$8,445
								\$8,445 (Estimate)					
14217 / H824301C	US 60	238	GI	Southeast	PINTO CREEK BRIDGE, STR #351 Construct Bridge Replacement	1	NHPP	\$20,000	\$0	\$0	\$0	\$0	\$20,000
								\$20,000	\$0	\$0	\$0	\$0	\$20,000
								\$20,000 (Estimate)					
8352 / F006701C	US 60	246	GI	Southeast	2nd ST - EL CAMINO ST Intersection Improvements	0	NHPP	\$0	\$600	\$0	\$0	\$0	\$600
								\$0	\$600	\$0	\$0	\$0	\$600
								\$600 (Estimate)					
9165 / Fxxxx01D	US 60	298	GI	Northeast	Salt River Canyon to Cibecue Fence Replacement	14	STBGP	\$340	\$0	\$0	\$0	\$0	\$340
9165 / Fxxxx01C							STBGP	\$0	\$0	\$900	\$0	\$0	\$900
								\$340	\$0	\$900	\$0	\$0	\$1,240
								\$1,240 (Estimate)					

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
FH 300 APACHE-SITGREAVES - SR-61													
9119 / Fxxxx01D	US 60	336	NA	Northcentral	Pavement Rehabilitation	17	STP	\$320	\$0	\$0	\$0	\$0	\$320
9119 / Fxxxx01C		111, PAVEMENT PRESERVATION - STATEWIDE					STP	\$0	\$13,811	\$0	\$0	\$0	\$13,811
\$14,131 (Estimate)								\$320	\$13,811	\$0	\$0	\$0	\$14,131
PIPELINE RD - AIR PARK													
7869 / F008901C	SR 64	205	CN	Northcentral	Pavement Rehabilitation	8	NHPP	\$0	\$0	\$0	\$5,800	\$0	\$5,800
\$5,800 (Estimate)								\$0	\$0	\$0	\$5,800	\$0	\$5,800
MP 219 - GRAND CANYON NATIONAL PARK													
8315 / F006201C	SR 64	219	CN	Northcentral	Construct Right of Way Fence	16	NHPP	\$1,400	\$0	\$0	\$0	\$0	\$1,400
\$1,400 (Estimate)								\$1,400	\$0	\$0	\$0	\$0	\$1,400
SR 68 MP 8.5 - MP 11													
7878 / D	SR 68	9	MO	Northwest	Design Safety Improvements	3	HSIP	\$600	\$0	\$0	\$0	\$0	\$600
7878 / C		211, DESIGN SUPPORT			Construct Safety Improvements		HSIP	\$0	\$0	\$5,900	\$0	\$0	\$5,900
\$6,500 (Estimate)								\$600	\$0	\$5,900	\$0	\$0	\$6,500
TRUWOOD DR - FAIN RD													
8323 / F006101C	SR 69	284	YV	Northwest	Construct Raised Curb Median	4	NHPP	\$0	\$2,500	\$0	\$0	\$0	\$2,500
\$2,500 (Estimate)								\$0	\$2,500	\$0	\$0	\$0	\$2,500
San Carlos Apache Reservation East of Globe													
9166 / Fxxxx01D	US 70	261	GI	Southeast	Extend EB Passing Lane	1	STBGP	\$400	\$0	\$0	\$0	\$0	\$400
9166 / Fxxxx01C		311, DESIGN & CONSTRUCT MINOR PROJECTS					STBGP	\$0	\$0	\$3,200	\$0	\$0	\$3,200
\$3,600 (Estimate)								\$400	\$0	\$3,200	\$0	\$0	\$3,600
MP 268 - West of San Carlos High School													
6722 / H892401C	US 70	269	GI	Southeast	Construct Passing Lanes	2	STBGP	\$3,400	\$0	\$0	\$0	\$0	\$3,400
\$3,400 (Estimate)								\$3,400	\$0	\$0	\$0	\$0	\$3,400
US-70 Safford 20th Ave to 8th Street													
6723 / H891701C	US 70	338	GH	Southeast	Safety Improvements; Lighting, ADA Ramps, Intersection Improvements	2	STBGP	\$2,536	\$0	\$0	\$0	\$0	\$2,536
\$2,536 (Estimate)								\$2,536	\$0	\$0	\$0	\$0	\$2,536
SR 72 at JOSHUA DRIVE													
8376 / F008301C	SR 72	29	LA	Southwest	Construct Intersection Improvements	0	STBGP	\$0	\$1,450	\$0	\$0	\$0	\$1,450
\$1,450 (Estimate)								\$0	\$1,450	\$0	\$0	\$0	\$1,450
JOSHUA RD - JCT US 60													
3572 / H871101C	SR 72	30	LA	Southwest	Pavement Rehabilitation	20	STBGP	\$0	\$12,200	\$0	\$0	\$0	\$12,200
\$12,200 (Estimate)								\$0	\$12,200	\$0	\$0	\$0	\$12,200

HIGHWAYS

All amounts are in thousands (\$000)

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary	
7871 / C	SR 73	324	GI	Northeast	W OF RIM TANK - W OF CANYON DAY	6	STBGP	\$0	\$0	\$3,661	\$0	\$0	\$3,661	
		111, PAVEMENT PRESERVATION - STATEWIDE			Pavement Rehabilitation			\$0	\$0	\$3,661	\$0	\$0	\$3,661	
								\$3,661 (Estimate)	\$0	\$0	\$3,661	\$0	\$0	\$3,661
8810 / F010901D	SR 73	348	NA	Northeast	POST OFFICE CANYON BRIDGE, STR #981	0	STBGP	\$650	\$0	\$0	\$0	\$0	\$650	
8810 / F010901C		125, BRIDGE REPLACEMENT & REHABILITATION			Design Bridge Rehabilitation			\$650	\$0	\$0	\$0	\$0	\$650	
					Construct Bridge Rehabilitation			\$0	\$0	\$2,000	\$0	\$0	\$2,000	
								(Estimate)	\$650	\$0	\$2,000	\$0	\$0	\$2,650
5862 / H879801X	SR 75	379	GE	Southeast	RAILROAD CROSSING 741-866G, SR 75 IN DUNCAN		RHC	\$408	\$0	\$0	\$0	\$0	\$408	
		132, HIGH RISK RURAL ROADS			Construct Crossing Surface and Signal			\$408	\$0	\$0	\$0	\$0	\$408	
								\$408	\$0	\$0	\$0	\$0	\$408	
9120 / Hxxx01C	SR 77	68	PM	Southcentral	Jct I-10 - GENEMATAS DR.	4	NHPP	\$7,819	\$0	\$0	\$0	\$0	\$7,819	
		111, PAVEMENT PRESERVATION - STATEWIDE			Pavement Rehabilitation			\$7,819	\$0	\$0	\$0	\$0	\$7,819	
								\$7,819 (Estimate)	\$7,819	\$0	\$0	\$0	\$7,819	
7875 / F14401C	SR 77	72	PM	Southcentral	GENEMATAS DR. - CALLE CONCORDIA	5	NHPP	\$0	\$0	\$0	\$11,446	\$0	\$11,446	
		111, PAVEMENT PRESERVATION - STATEWIDE			Pavement Rehabilitation			\$0	\$0	\$0	\$11,446	\$0	\$11,446	
								\$11,446 (Estimate)	\$0	\$0	\$0	\$11,446	\$0	\$11,446
9121 / F 01D	SR 77	73	PM	Southcentral	LAS LOMITAS - INA RD	2	HSIP	\$287	\$0	\$0	\$0	\$0	\$287	
9121 / F 01C		132, HIGHWAY SAFETY IMPROVEMENT PROGRAM			Design Street Lighting			\$287	\$0	\$0	\$0	\$0	\$287	
					Construct Street Lighting			\$0	\$0	\$2,532	\$0	\$0	\$2,532	
								\$2,819 (Estimate)	\$287	\$0	\$2,532	\$0	\$0	\$2,819
9167 / Fxxx01D	SR 77	74	PM	Southcentral	Oracle Rd - Orange Grove Road Intersection	1	HSIP	\$108	\$0	\$0	\$0	\$0	\$108	
9167 / Fxxx01C		311, DESIGN & CONSTRUCT MINOR PROJECTS			Intersection Improvement			\$108	\$0	\$0	\$0	\$0	\$108	
								\$215 (Estimate)	\$0	\$0	\$107	\$0	\$0	\$215
19214 / H826701C	SR 77	103	PN	Southcentral	POWER LINE - SAN MANUEL ROAD	7	HSIP	\$0	\$925	\$0	\$0	\$0	\$925	
		132, HIGHWAY SAFETY IMPROVEMENT PROGRAM			Construct Safety Improvements			\$0	\$925	\$0	\$0	\$0	\$925	
								\$925 (Estimate)	\$0	\$925	\$0	\$0	\$925	
16316 / H841601C	SR 77	134	PN	Southeast	GILA RIVER BRIDGE, STR #885	1	STBGP	\$0	\$9,500	\$0	\$0	\$0	\$9,500	
		125, BRIDGE REPLACEMENT & REHABILITATION			Construct Bridge Replacement			\$0	\$9,500	\$0	\$0	\$0	\$9,500	
								\$9,500 (Estimate)	\$0	\$9,500	\$0	\$0	\$9,500	
8796 / F010201D	SR 79	136	PN	Southcentral	GILA RIVER BRIDGE, STR #501	1	STBGP	\$2,000	\$0	\$0	\$0	\$0	\$2,000	
		125, BRIDGE REPLACEMENT & REHABILITATION			Construct Bridge Rehabilitation			\$2,000	\$0	\$0	\$0	\$0	\$2,000	
								\$2,000 (Estimate)	\$2,000	\$0	\$0	\$0	\$0	\$2,000

HIGHWAYS

All amounts are in thousands (\$000)

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary	
5022 / H891401C	SR 80	352	CH	Southeast	GLANCE CREEK BRIDGE, STR #237 Construct Bridge Rehabilitation	1	NHPP	\$2,000	\$0	\$0	\$0	\$0	\$2,000	
								<b>\$2,000 (Estimate)</b>	\$2,000	\$0	\$0	\$0	\$0	\$2,000
6726 / H854901C	SR 80	364	CH	Southeast	WHITE WATER DRAW BR, STR #1626 Construct Scour Retrofit & deck rehabilitation	1	NHPP	\$1,900	\$0	\$0	\$0	\$0	\$1,900	
								<b>\$1,900 (Estimate)</b>	\$1,900	\$0	\$0	\$0	\$0	\$1,900
7921 / F012801D	SR 82	19	SC	Southcentral	SONOITA CREEK BRIDGE #804 Design Scour Retrofit	1	STBGP	\$200	\$0	\$0	\$0	\$0	\$200	
7921 / F012801C								STBGP	\$0	\$0	\$240	\$0	\$0	\$240
								<b>\$440 (Estimate)</b>	\$200	\$0	\$240	\$0	\$0	\$440
7922 / F014001D	SR 82	24	SC	Southcentral	CASA BLANCA WASH BRIDGE #860 Design Scour Retrofit	1	STBGP	\$200	\$0	\$0	\$0	\$0	\$200	
7922 / F014001C								STBGP	\$0	\$0	\$180	\$0	\$0	\$180
								<b>\$380 (Estimate)</b>	\$200	\$0	\$180	\$0	\$0	\$380
6727 / F000201C	SR 82	46	CH	Southcentral	RAIN VALLEY WASH, STR #395 Construct Scour Retrofit	1	STBGP	\$400	\$0	\$0	\$0	\$0	\$400	
								<b>\$400 (Estimate)</b>	\$400	\$0	\$0	\$0	\$0	\$400
6715 / H893101C	SR 86	82	PM	Southcentral	SR-86; MP 82-102 Fence Replacement	20	STBGP	\$1,600	\$0	\$0	\$0	\$0	\$1,600	
								<b>\$1,600 (Estimate)</b>	\$1,600	\$0	\$0	\$0	\$0	\$1,600
9168 / Fxxxx01D	SR 86	88	PM	Southcentral	MP 88.25 - MP 90.4 Replace Gaurdrail	2	STBGP	\$146	\$0	\$0	\$0	\$0	\$146	
9168 / Fxxxx01C								STBGP	\$0	\$0	\$302	\$0	\$0	\$302
								<b>\$448 (Estimate)</b>	\$146	\$0	\$302	\$0	\$0	\$448
8377 / H883801C	SR 87	134	PN	Southcentral	RUINS DRIVE AT SR 87 LEFT TURN LANE AND INTERSECTION LIGHTING	0	HSIP	\$87	\$0	\$0	\$0	\$0	\$87	
								<b>\$579,547 (Estimate)</b>	\$87	\$0	\$0	\$0	\$0	\$87
7927 / Hxxx01D	SR 87	385	NA	Northeast	TEAS TOH WASH BRIDGE #899 Design Scour Retrofit & Deck Rehabilitation	1	STBGP	\$0	\$700	\$0	\$0	\$0	\$700	
7927 / Hxxx01C								STBGP	\$0	\$0	\$0	\$1,500	\$0	\$1,500
								<b>\$2,200 (Estimate)</b>	\$0	\$700	\$0	\$1,500	\$0	\$2,200

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary	
16214 / H830801C	SR 88	196	PN	Central	SUPERSTITION BLVD Construct Roundabout	0	HSIP	\$4,500	\$0	\$0	\$0	\$0	\$4,500	
								\$4,500 (Estimate)	\$4,500	\$0	\$0	\$0	\$4,500	
9122 / H849801C	SR 89	272	YV	Northwest	YARNELL HILL Construct Concrete Barrier	4	HSIP	\$0	\$2,000	\$0	\$0	\$0	\$2,000	
								\$2,000 (Estimate)	\$0	\$2,000	\$0	\$0	\$2,000	
6714 / H891801C	SR 89	337	YV	Northwest	SR-89 Paulden Turn Lanes Construct Continuous Left Turns	0	STBGP	\$945	\$0	\$0	\$0	\$0	\$945	
								\$945 (Estimate)	\$945	\$0	\$0	\$0	\$945	
27215 / H872001C	SR 89	358	YV	Northwest	MEATH WASH BRIDGE, STR #289 Construct Bridge Replacement		STBGP	\$0	\$3,500	\$0	\$0	\$0	\$3,500	
								\$3,500 (Estimate)	\$0	\$3,500	\$0	\$0	\$3,500	
9170 / Fxxxx01D	SR 89A	375	YV	Northwest	MP 375.1 & MP 389.2 SEDONA Rockfall Mitigation		STBGP	\$574	\$0	\$0	\$0	\$0	\$574	
9170 / Fxxxx01C							STBGP	\$0	\$0	\$3,362	\$0	\$0	\$3,362	
								\$3,936 (Estimate)	\$574	\$0	\$3,362	\$0	\$0	\$3,936
24215 / H877801C	SR 89A	387	CN	Northcentral	PUMPHOUSE WASH BRIDGE, STR #79 Construct Bridge Rehabilitation	1	STBGP	\$0	\$2,750	\$0	\$0	\$0	\$2,750	
								\$4,000 (Estimate)	\$0	\$2,750	\$0	\$0	\$2,750	
24415 / H877901C	SR 89A	401	CN	Northcentral	SR 89A SPUR OP. STR #1187 Construct Bridge Rehabilitation	1	STBGP	\$0	\$4,000	\$0	\$0	\$0	\$4,000	
								\$4,000 (Estimate)	\$0	\$4,000	\$0	\$0	\$4,000	
16614 / H839901C	SR 89A	403	CN	Northcentral	JCT SR 89A / PLAZA WAY (FLAGSTAFF) Construct Right Turn Lane	0	STBGP	\$722	\$0	\$0	\$0	\$0	\$722	
								\$722 (Estimate)	\$722	\$0	\$0	\$0	\$722	
12017 / H871701C	SR 92	321	CH	Southeast	JCT SR 90 - KACHINA Pavement Rehabilitation	4	NHPP	\$4,900	\$0	\$0	\$0	\$0	\$4,900	
								\$4,956 (Estimate)	\$4,900	\$0	\$0	\$0	\$4,900	
17014 / H826501C	SR 92	322	CH	Southeast	SR 92 @ FOOTHILLS DR Intersection Improvements & Right of Way	0	NHPP	\$1,400	\$0	\$0	\$0	\$0	\$1,400	
17014 / H826501C							HSIP	\$3,250	\$0	\$0	\$0	\$0	\$3,250	
								\$4,650 (Estimate)	\$4,650	\$0	\$0	\$0	\$4,650	

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>SR 92 332 CH Safford BAUMKIRCHNER RD - BISBEE ROUNDABOUT</b>													
6456 / H891601C	112, MINOR PAVEMENT PRESERVATION - STATEWIDE				Pavement Preservation	23	STBGP	\$1,430	\$0	\$0	\$0	\$0	\$1,430
								<b>\$1,430 (Estimate)</b>	<b>\$1,430</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>US 93 28 MO Northwest WHITE HILLS ROAD - ELEVENTH STREET</b>													
3585 / H865701C				211, DESIGN SUPPORT	Shoulder Widening	11	HSIP	\$0	\$7,500	\$0	\$0	\$0	\$7,500
3585 / H865701C	111, PAVEMENT PRESERVATION - STATEWIDE				Pavement Rehabilitation	10	NHPP	\$0	\$11,500	\$0	\$0	\$0	\$11,500
								<b>\$19,000 (Estimate)</b>	<b>\$0</b>	<b>\$19,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>US 93 36 MO Kingman DETRITAL WASH - SANTA MARIA RIVER</b>													
6452 / H891601C	112, MINOR PAVEMENT PRESERVATION - STATEWIDE				Pavement Preservation	50	NHPP	\$1,800	\$0	\$0	\$0	\$0	\$1,800
								<b>\$1,800 (Estimate)</b>	<b>\$1,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>US 93 38 MO Northwest ELEVENTH ST - WINDY POINT ROAD</b>													
12717 / H865801D	132, HIGHWAY SAFETY IMPROVEMENT PROGRAM				Design Shoulder Widening	10	HSIP	\$600	\$0	\$0	\$0	\$0	\$600
12717 / H865801C					Construct Shoulder Widening		HSIP	\$0	\$7,500	\$0	\$0	\$0	\$7,500
12717 / H865801C	111, PAVEMENT PRESERVATION - STATEWIDE				Pavement Rehabilitation		NHPP	\$0	\$14,250	\$0	\$0	\$0	\$14,250
								<b>\$22,350 (Estimate)</b>	<b>\$600</b>	<b>\$21,750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>US 93 48 MO Northwest WINDY POINT ROAD - MINERAL PARK ROAD</b>													
12817 / H865901D	132, HIGHWAY SAFETY IMPROVEMENT PROGRAM				Shoulder Widening	10	HSIP	\$600	\$0	\$0	\$0	\$0	\$600
12817 / H865901C							HSIP	\$0	\$0	\$7,500	\$0	\$0	\$7,500
								<b>\$8,100 (Estimate)</b>	<b>\$600</b>	<b>\$0</b>	<b>\$7,500</b>	<b>\$0</b>	<b>\$0</b>
<b>US 93 93 MO Northwest US 93/I 40 WEST KINGMAN TI</b>													
9031 / D	343, RIGHT OF WAY - ACCESS CONTROL				Design Phase 1	1	NHPP	\$5,000	\$0	\$0	\$0	\$0	\$5,000
9031 / R					Right of Way		NHPP	\$0	\$0	\$10,000	\$0	\$0	\$10,000
								<b>\$15,000 (Estimate)</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>
<b>US 93 97 MO Northwest KABBA WASH BR NB #492</b>													
8379 / Hxxxx01D	125, BRIDGE REPLACEMENT & REHABILITATION				Design Bridge Replacement	1	BR	\$700	\$0	\$0	\$0	\$0	\$700
								<b>\$700 (Estimate)</b>	<b>\$700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>US 93 109 MO Northwest CANE SPRINGS</b>													
10216 / D	341, RURAL CORRIDOR RECONSTRUCTION				Design		NH	\$0	\$5,000	\$0	\$0	\$0	\$5,000
								<b>\$5,500 (Estimate)</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>US 93 116 MO Northwest CARROW TO STEPHENS</b>													
10413 / H823201C	341, RURAL CORRIDOR RECONSTRUCTION				Construct 4-lane divided highway	3	NH	\$35,500	\$0	\$0	\$0	\$0	\$35,500
								<b>\$35,500 (Estimate)</b>	<b>\$35,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

HIGHWAYS

All amounts are in thousands (\$000)

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary	
8900 / Fxxxx01D	US 93	162	YV	Northwest	BIG JIM WASH 341, RURAL CORRIDOR RECONSTRUCTION	5	NHPP	\$0	\$5,000	\$0	\$0	\$0	\$5,000	
								\$5,000 (Estimate)	\$0	\$5,000	\$0	\$0	\$0	\$5,000
25015 / H878001C	SR 93	165	YV	Northwest	BIG JIM WASH BR, STR # 548 125, BRIDGE REPLACEMENT & REHABILITATION	1	NHPP	\$300	\$0	\$0	\$0	\$0	\$300	
								\$300 (Estimate)	\$300	\$0	\$0	\$0	\$0	\$300
8373 / F003101R	US 93	198	YV	Northwest	TEGNER DRIVE - SR 89 "THE GAP" 341, RURAL CORRIDOR RECONSTRUCTION	5	NHPP	\$5,000	\$0	\$0	\$0	\$0	\$5,000	
8373 / F003101C							NHPP	\$0	\$0	\$41,000	\$0	\$0	\$41,000	
								\$46,000 (Estimate)	\$5,000	\$0	\$41,000	\$0	\$0	\$46,000
19413 / H848901C	SR 95	143	LA	Southwest	SR 95 @ MOHAVE RD 132, HIGHWAY SAFETY IMPROVEMENT PROGRAM	1	NHPP	\$100	\$0	\$0	\$0	\$0	\$100	
19413 / H848901C							HSIP	\$2,700	\$0	\$0	\$0	\$0	\$2,700	
								\$4,939 (Estimate)	\$2,800	\$0	\$0	\$0	\$0	\$2,800
17016 / H838801C	US 95	143	YU	Southwest	US 95 AND 8E INTERSECTION 132, HIGHWAY SAFETY IMPROVEMENT PROGRAM	0	HSIP	\$2,200	\$0	\$0	\$0	\$0	\$2,200	
								\$2,200 (Estimate)	\$2,200	\$0	\$0	\$0	\$0	\$2,200
7870 / F012701C	SR 95	148	LA	Southwest	BEACON ROAD - EAST OF RIVERSIDE DR 111, PAVEMENT PRESERVATION - STATEWIDE	7	NHPP	\$0	\$7,343	\$0	\$0	\$0	\$7,343	
								\$7,343 (Estimate)	\$0	\$7,343	\$0	\$0	\$0	\$7,343
8377 / F002901C	SR 95	185	MO	Northwest	SR-95 AT KIOWA BLVD 132, HIGHWAY SAFETY IMPROVEMENT PROGRAM	0	HSIP	\$730	\$0	\$0	\$0	\$0	\$730	
								\$964 (Estimate)	\$730	\$0	\$0	\$0	\$0	\$730
8247 / F005601R	SR 95	237	MO	Northwest	TELLER ROAD - AZTEC ROAD 213, RIGHT OF WAY SUPPORT	2	NHPP	\$400	\$0	\$0	\$0	\$0	\$400	
8247 / F005601C							NHPP	\$0	\$1,422	\$0	\$0	\$0	\$1,422	
8247 / F005601C							HSIP	\$0	\$2,200	\$0	\$0	\$0	\$2,200	
								\$4,022 (Estimate)	\$400	\$3,622	\$0	\$0	\$0	\$4,022
9111 / F014601D	SR 95	239	MO	Northwest	AZTEC ROAD - VALENCIA ROAD & CAMP MOHAVE ROUNDABOUT 132, HIGHWAY SAFETY IMPROVEMENT PROGRAM	0	NHPP	\$849	\$0	\$0	\$0	\$0	\$849	
9111 / F014601R							STBGP	\$0	\$175	\$0	\$0	\$0	\$175	
9111 / F014601C							NHPP	\$0	\$1,974	\$0	\$0	\$0	\$1,974	
								\$2,998 (Estimate)	\$849	\$2,149	\$0	\$0	\$0	\$2,998

HIGHWAYS

All amounts are in thousands (\$000)

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary	
<b>AZTEC ROAD - VALENCIA ROAD &amp; CAMP MOHAVE ROUNDABOUT</b>														
9111 / F014601D	SR 95	239	MO	Northwest	Construct Raised Median	1	NHPP	\$438	\$0	\$0	\$0	\$0	\$438	
		311, DESIGN & CONSTRUCT MINOR PROJECTS												
9111 / F014601C							NHPP	\$0	\$0	\$1,239	\$0	\$0	\$1,239	
								<b>\$1,677 (Estimate)</b>	\$438	\$0	\$1,239	\$0	\$0	\$1,677
<b>IR 6731 - SR 98</b>														
8395 / F005901C	US 160	318	CN	Northcentral	Construct Bus Pullouts	7	NHPP	\$0	\$450	\$0	\$0	\$0	\$450	
		311, DESIGN & CONSTRUCT MINOR PROJECTS												
								<b>\$450 (Estimate)</b>	\$0	\$450	\$0	\$0	\$450	
<b>LONG HOUSE VALLEY - KAYENTA</b>														
7875 / F014401D	US 160	373	NA	Northeast	Pavement Rehabilitation	17	NHPP	\$320	\$0	\$0	\$0	\$0	\$320	
		111, PAVEMENT PRESERVATION - STATEWIDE												
7876 / F014401C							NHPP	\$0	\$0	\$12,325	\$0	\$0	\$12,325	
								<b>\$12,645 (Estimate)</b>	\$320	\$0	\$12,325	\$0	\$0	\$12,645
<b>CHINLE WASH BR, STR #746</b>														
33712 / H849001C	US 160	429	AP	Northeast	Construct Bridge Replacement	1	NHPP	\$4,700	\$0	\$0	\$0	\$0	\$4,700	
		125, BRIDGE REPLACEMENT & REHABILITATION												
								<b>\$4,700 (Estimate)</b>	\$4,700	\$0	\$0	\$0	\$4,700	
<b>LAGUNA CREEK BRIDGE STR #20088</b>														
31312 / H845501C	US 163	396	NA	Northeast	Construct Bridge Replacement	1	STBGP	\$0	\$9,500	\$0	\$0	\$0	\$9,500	
		126, BRIDGE REPLACEMENT & REHABILITATION (OFF SYSTEM)												
								<b>\$9,500 (Estimate)</b>	\$0	\$9,500	\$0	\$0	\$9,500	
<b>MINERAL CREEK BRIDGE #616</b>														
7924 / F012901D	SR 177	152	PN	Southeast	Design Scour Retrofit	1	STBGP	\$250	\$0	\$0	\$0	\$0	\$250	
		126, BRIDGE INSPECTION & INVENTORY												
7924 / F012901C					Construct Scour Retrofit		STBGP	\$0	\$0	\$350	\$0	\$0	\$350	
								<b>\$600 (Estimate)</b>	\$250	\$0	\$350	\$0	\$0	\$600
<b>RAILROAD CROSSING DOT 874-879B ON SR 77, MP 152, NEAR KELVIN</b>														
5858 / H879701X	SR 177	152	PN	Southeast	Construct Rail Safety, Crossing Surface and Signal		RHC	\$531	\$0	\$0	\$0	\$0	\$531	
		132, HIGH RISK RURAL ROADS												
								<b>\$531 (Estimate)</b>	\$531	\$0	\$0	\$0	\$531	
<b>I-17 - RED ROCK VISTA</b>														
9113 / H 01D	SR 179	299	YV	Northcentral	Pavement Rehabilitation	6	NHPP	\$320	\$0	\$0	\$0	\$0	\$320	
		111, PAVEMENT PRESERVATION - STATEWIDE												
9113 / H 01C							NHPP	\$0	\$0	\$3,882	\$0	\$0	\$3,882	
								<b>\$4,202 (Estimate)</b>	\$320	\$0	\$3,882	\$0	\$0	\$4,202
<b>SR 40B - ASPEN AVE</b>														
8319 / F006001C	US 180	215	CN	Northcentral	Construct Turn Lane	0	STP	\$0	\$1,340	\$0	\$0	\$0	\$1,340	
		311, DESIGN & CONSTRUCT MINOR PROJECTS												
								<b>\$1,340 (Estimate)</b>	\$0	\$1,340	\$0	\$0	\$1,340	

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary	
JIM CAMP WASH BRIDGE STR #1602 AND COTTONWOOD WASH BRIDGE #1603														
6804 / H893901C	US 180	325	NA	Northeast	Deck Rehabilitation	1	NHPP	\$0	\$0	\$3,000	\$0	\$0	\$3,000	
				125, BRIDGE REPLACEMENT & REHABILITATION				\$0	\$0	\$3,000	\$0	\$0	\$3,000	
								\$3,000 (Estimate)	\$0	\$0	\$3,000	\$0	\$0	\$3,000
MILKY WASH BRIDGE, STR #1551														
19916 / H862901C	US 180	331	AP	Northeast	Construct Scour Retrofit & Deck Rehabilitation	1	STBGP	\$700	\$0	\$0	\$0	\$0	\$700	
				125, BRIDGE REPLACEMENT & REHABILITATION				\$700	\$0	\$0	\$0	\$0	\$700	
								\$700 (Estimate)	\$700	\$0	\$0	\$0	\$700	
MAZATZAL REST AREA														
11517 / F008501D	SR 188	235	GI	Southeast	DESIGN WASTEWATER SYSTEM	0	NHPP	\$0	\$595	\$0	\$0	\$0	\$595	
				151, REST AREA REHABILITATION				\$0	\$595	\$0	\$0	\$0	\$595	
11517 / F008501C					CONSTRUCT WASTEWATER SYSTEM		NHPP	\$0	\$0	\$4,500	\$0	\$0	\$4,500	
								\$0	\$595	\$4,500	\$0	\$0	\$5,095	
								\$5,095 (Estimate)	\$0	\$595	\$4,500	\$0	\$0	\$5,095
NOGALES TO I-19														
5499 / H804501D	SR 189	0	SC	Southcentral	Design	0	NHPP	\$0	\$4,000	\$0	\$0	\$0	\$4,000	
				211, SCOPING - STATEWIDE				\$0	\$4,000	\$0	\$0	\$0	\$4,000	
5499 / H804501C				341, RURAL CORRIDOR RECONSTRUCTION	Construction		NHPP	\$0	\$65,000	\$0	\$0	\$0	\$65,000	
								\$0	\$69,000	\$0	\$0	\$0	\$69,000	
								\$69,000 (Estimate)	\$0	\$69,000	\$0	\$0	\$69,000	
CHOLLA ST - OCOTILLA ST														
4773 / F005401C	US 191	115	GH	Southeast	Construct Drainage Improvements	0	STP	\$0	\$1,000	\$0	\$0	\$0	\$1,000	
				311, DESIGN & CONSTRUCT MINOR PROJECTS				\$0	\$1,000	\$0	\$0	\$0	\$1,000	
								\$1,000 (Estimate)	\$0	\$1,000	\$0	\$0	\$1,000	
BACK COUNTRY BYWAY - MP 151														
17316 / H870101C	US 191	139	GH	Southeast	Pavement Rehabilitation	12	STP	\$5,900	\$0	\$0	\$0	\$0	\$5,900	
				111, PAVEMENT PRESERVATION - STATEWIDE				\$5,900	\$0	\$0	\$0	\$0	\$5,900	
								\$7,110 (Estimate)	\$5,900	\$0	\$0	\$0	\$5,900	
CEMETERY ROAD - GENERATING STATION ROAD														
17416 / H869001C	US 191	317	AP	Northeast	Pavement Rehabilitation	3	STP	\$4,500	\$0	\$0	\$0	\$0	\$4,500	
				111, PAVEMENT PRESERVATION - STATEWIDE				\$4,500	\$0	\$0	\$0	\$0	\$4,500	
								\$4,500 (Estimate)	\$4,500	\$0	\$0	\$0	\$4,500	
St. Johns - Sanders Highway														
New / Fxxxx01D	US 191	323	AP	Northeast	Drainage Improvement	1	STBGP	\$1,020	\$0	\$0	\$0	\$0	\$1,020	
				311, DESIGN & CONSTRUCT MINOR PROJECTS				\$0	\$0	\$2,855	\$0	\$0	\$2,855	
New / Fxxxx01C							STBGP	\$0	\$0	\$2,855	\$0	\$0	\$2,855	
								\$1,020	\$0	\$2,855	\$0	\$0	\$3,875	
								\$3,875 (Estimate)	\$1,020	\$0	\$2,855	\$0	\$0	\$3,875
JCT I 10 - JCT US 191														
7866 / F007701C	US 191X	87	CH	Southeast	Pavement Rehabilitation	3	STBGP	\$1,900	\$0	\$0	\$0	\$0	\$1,900	
				111, PAVEMENT PRESERVATION - STATEWIDE				\$1,900	\$0	\$0	\$0	\$0	\$1,900	
								\$2,779 (Estimate)	\$1,900	\$0	\$0	\$0	\$1,900	
LION SPRINGS SECTION														
21301 / F013901D	SR 260	258	GI	Northcentral	Design	2	NHPP	\$0	\$0	\$5,000	\$0	\$0	\$5,000	
				341, RURAL CORRIDOR RECONSTRUCTION				\$0	\$0	\$5,000	\$0	\$0	\$5,000	
								\$5,000 (Estimate)	\$0	\$0	\$5,000	\$0	\$0	\$5,000

HIGHWAYS

All amounts are in thousands (\$000)

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary	
7880 / H824501C	SR 260	282	NA	Northcentral	RIM RD - GIBSON RD, SEGMENT I	13	HSIP	\$0	\$0	\$7,000	\$0	\$0	\$7,000	
				211, DESIGN SUPPORT	Shoulder Widening			\$0	\$0	\$7,000	\$0	\$0	\$7,000	
								\$7,000 (Estimate)	\$0	\$0	\$7,000	\$0	\$0	\$7,000
7880 / H824501C	SR 260	295	NA	Northcentral	RIM RD - GIBSON RD, SEGMENT II	10	HSIP	\$0	\$0	\$0	\$7,000	\$0	\$7,000	
				211, DESIGN SUPPORT	Shoulder Widening			\$0	\$0	\$0	\$7,000	\$0	\$7,000	
								\$7,000 (Estimate)	\$0	\$0	\$0	\$7,000	\$0	\$7,000
7919 / H854801C	SR 260	328	NA	Northeast	MORTENSEN WASH BRIDGE #1641	1	NHPP	\$0	\$300	\$0	\$0	\$0	\$300	
				126, BRIDGE INSPECTION & INVENTORY	Construct Scour Retrofit			\$0	\$300	\$0	\$0	\$0	\$300	
								\$300 (Estimate)	\$0	\$300	\$0	\$0	\$300	
9114 / Fxxxx01D	SR 260	343	NA	Northeast	CHURCH STREET - KNOTTINGHAM LN	5	STBGP	\$0	\$320	\$0	\$0	\$0	\$320	
				111, PAVEMENT PRESERVATION - STATEWIDE	Pavement Rehabilitation			\$0	\$320	\$0	\$0	\$0	\$320	
9114 / Fxxxx01C							NHPP	\$0	\$0	\$0	\$6,768	\$0	\$6,768	
								\$7,088 (Estimate)	\$0	\$320	\$0	\$6,768	\$0	\$7,088
14517 / H826901C	SR 260	394	AP	Northeast	LITTLE COLORADO RIVER BR, STR #416	1	STBGP	\$0	\$2,750	\$0	\$0	\$0	\$2,750	
				125, BRIDGE REPLACEMENT & REHABILITATION	Construct Bridge Rehabilitation			\$0	\$2,750	\$0	\$0	\$0	\$2,750	
								\$3,500 (Estimate)	\$0	\$2,750	\$0	\$0	\$2,750	
9115 / Fxxxx01D	SR 264	324	CN	Northeast	MOENKOPI WASH #621	1	NHPP	\$0	\$600	\$0	\$0	\$0	\$600	
				126, BRIDGE INSPECTION & INVENTORY	Designing Bridge Rehabilitation			\$0	\$600	\$0	\$0	\$0	\$600	
								\$600 (Estimate)	\$0	\$600	\$0	\$0	\$600	
6806 / H894301C	SR 264	363	NA	Northeast	DINNEBITO WASH BRIDGE STR #1013	1	STBGP	\$0	\$0	\$2,000	\$0	\$0	\$2,000	
				125, BRIDGE REPLACEMENT & REHABILITATION	Deck Rehabilitation			\$0	\$0	\$2,000	\$0	\$0	\$2,000	
								\$2,000 (Estimate)	\$0	\$0	\$2,000	\$0	\$2,000	
6710 / H893001C	SR 377	0	NA	Northeast	SR-277 - SR-77	34	STBGP	\$3,500	\$0	\$0	\$0	\$0	\$3,500	
				311, DESIGN & CONSTRUCT MINOR PROJECTS	Reconstruct Curves			\$3,500	\$0	\$0	\$0	\$0	\$3,500	
								\$3,500 (Estimate)	\$3,500	\$0	\$0	\$0	\$3,500	
7861 / F000801C	SR 389	1	MO	Northwest	SHORT CREEK #668	1	STBGP	\$0	\$1,250	\$0	\$0	\$0	\$1,250	
				126, BRIDGE INSPECTION & INVENTORY	Construct Scour Retrofit			\$0	\$1,250	\$0	\$0	\$0	\$1,250	
								\$1,250 (Estimate)	\$0	\$1,250	\$0	\$0	\$1,250	
9171 / F014701C	888		MA	Central	MAG REGIONWIDE FREEWAYS		NHPP	\$0	\$12,000	\$0	\$0	\$0	\$12,000	
				135, GOVERNOR'S OFFICE OF HIGHWAY SAFETY	LED Lighting Upgrade			\$0	\$12,000	\$0	\$0	\$0	\$12,000	
								\$12,000 (Estimate)	\$0	\$12,000	\$0	\$0	\$12,000	

# Highway Projects

ItemNo/TRACS	Route	BMP	District CO Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
9999			SW Statewide	STATEWIDE PORT OF ENTRY								
6808 / F010401D			162, PORT OF ENTRY	Design for Mainline POE Truck Screening		STP	\$500	\$0	\$0	\$0	\$0	\$500
6808 / F010401C				Construct Mainline POE Truck Screening		STP	\$9,500	\$0	\$0	\$0	\$0	\$9,500
<b>\$10,000 (Estimate)</b>							\$10,000	\$0	\$0	\$0	\$0	\$10,000
9999			SW Statewide	STATEWIDE TRAFFIC SIGNAL UPS								
8391 / F005501C			311, DESIGN & CONSTRUCT MINOR PROJECTS	Install Uninterruptable Power Supply		STBGP	\$0	\$2,050	\$0	\$0	\$0	\$2,050
<b>\$2,050 (Estimate)</b>							\$0	\$2,050	\$0	\$0	\$0	\$2,050
There are 221 line items in the HIGHWAY section of the Program							\$375,835	\$400,638	\$321,114	\$150,759	\$74,707	\$1,323,053

# Subprogram

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ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
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# Subprogram

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>SYSTEM PRESERVATION</b>													
<b>◆ PAVEMENT PRESERVATION, PAVEMENT PRESERVATION - STATEWIDE</b>													
72518	111.00	Preservation					FA	\$2,497	\$0	\$0	\$0	\$0	
72519							FA	\$0	\$240	\$0	\$0	\$0	
72520							FA	\$0	\$0	\$3,315	\$0	\$0	
72521							FA	\$0	\$0	\$0	\$111,193	\$0	
72522							FA	\$0	\$0	\$0	\$0	\$181,600	
								<b>\$2,497</b>	<b>\$240</b>	<b>\$3,315</b>	<b>\$111,193</b>	<b>\$181,600</b>	
<b>SUMMARY TOTAL OF PAVEMENT PRESERVATION, PAVEMENT PRESERVATION - STATEWIDE SUBPROGRAM</b>													<b>\$298,845</b>
<b>◆ PAVEMENT PRESERVATION, MINOR PAVEMENT PRESERVATION - STATEWIDE</b>													
74818	112.00	Minor & Preventative Pavement Preservation					FA	\$12,770	\$0	\$0	\$0	\$0	
74819							FA	\$0	\$15,337	\$0	\$0	\$0	
74820							FA	\$0	\$0	\$16,000	\$0	\$0	
74821							FA	\$0	\$0	\$0	\$16,000	\$0	
74822							FA	\$0	\$0	\$0	\$0	\$16,000	
								<b>\$12,770</b>	<b>\$15,337</b>	<b>\$16,000</b>	<b>\$16,000</b>	<b>\$16,000</b>	
<b>SUMMARY TOTAL OF PAVEMENT PRESERVATION, MINOR PAVEMENT PRESERVATION - STATEWIDE SUBPROGRAM</b>													<b>\$76,107</b>
<b>◆ BRIDGE PRESERVATION, BRIDGE REPLACEMENT &amp; REHABILITATION</b>													
76218	125.00	Bridge Replacement & Rehabilitation					FA	\$1,150	\$0	\$0	\$0	\$0	
76219							FA	\$0	\$1,000	\$0	\$0	\$0	
76220							FA	\$0	\$0	\$5,068	\$0	\$0	
76221							FA	\$0	\$0	\$0	\$39,250	\$0	
76222							FA	\$0	\$0	\$0	\$0	\$40,000	
								<b>\$1,150</b>	<b>\$1,000</b>	<b>\$5,068</b>	<b>\$39,250</b>	<b>\$40,000</b>	
<b>SUMMARY TOTAL OF BRIDGE PRESERVATION, BRIDGE REPLACEMENT &amp; REHABILITATION SUBPROGRAM</b>													<b>\$86,468</b>
<b>◆ BRIDGE PRESERVATION, BRIDGE REPLACEMENT &amp; REHABILITATION (OFF SYSTEM)</b>													
76218	125.90	Bridge Replacement & Rehabilitation					FA	\$1,900	\$0	\$0	\$0	\$0	
76219							FA	\$0	\$3,900	\$0	\$0	\$0	
76220							FA	\$0	\$0	\$3,900	\$0	\$0	
76221							FA	\$0	\$0	\$0	\$3,900	\$0	
76222							FA	\$0	\$0	\$0	\$0	\$3,900	
								<b>\$1,900</b>	<b>\$3,900</b>	<b>\$3,900</b>	<b>\$3,900</b>	<b>\$3,900</b>	
<b>SUMMARY TOTAL OF BRIDGE PRESERVATION, BRIDGE REPLACEMENT &amp; REHABILITATION (OFF SYSTEM) SUBPROGRAM</b>													<b>\$17,500</b>
<b>◆ BRIDGE PRESERVATION, BRIDGE INSPECTION &amp; INVENTORY</b>													
71418	126.00	Bridge Inspection Program for emergency bridge repairs & upgrading, Deck Rehabilitation & Replacement and Scour					FA	\$5,000	\$0	\$0	\$0	\$0	
71419							FA	\$0	\$5,000	\$0	\$0	\$0	
71420							FA	\$0	\$0	\$5,000	\$0	\$0	
71421							FA	\$0	\$0	\$0	\$5,000	\$0	
71422							FA	\$0	\$0	\$0	\$0	\$6,400	
								<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$6,400</b>	
<b>SUMMARY TOTAL OF BRIDGE PRESERVATION, BRIDGE INSPECTION &amp; INVENTORY SUBPROGRAM</b>													<b>\$26,400</b>

# Subprogram

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>SYSTEM PRESERVATION</b>													
<b>◆ SAFETY PROGRAM, RAILWAY HIGHWAY CROSSING</b>													
72618	132.02	Safety					RHC	\$1,401	\$0	\$0	\$0	\$0	
72619							RHC	\$0	\$2,340	\$0	\$0	\$0	
72620							RHC	\$0	\$0	\$2,340	\$0	\$0	
72621							RHC	\$0	\$0	\$0	\$2,340	\$0	
72622							RHC	\$0	\$0	\$0	\$0	\$2,340	
								<b>\$1,401</b>	<b>\$2,340</b>	<b>\$2,340</b>	<b>\$2,340</b>	<b>\$2,340</b>	
<b>SUMMARY TOTAL OF SAFETY PROGRAM, RAILWAY HIGHWAY CROSSING SUBPROGRAM</b>													<b>\$10,761</b>
<b>◆ PUBLIC TRANSIT, FLEX FUNDS, ELDERLY &amp; DISABLED</b>													
75418	141.00	FTA - Public Transit - Section 5310 Elderly & Disabled, Section 5311 Rural & Section 5307 Urban					STP	\$1,500	\$0	\$0	\$0	\$0	
75419							STP	\$0	\$1,500	\$0	\$0	\$0	
75420							STP	\$0	\$0	\$1,500	\$0	\$0	
75421							STP	\$0	\$0	\$0	\$1,500	\$0	
75422							STP	\$0	\$0	\$0	\$0	\$1,500	
								<b>\$1,500</b>	<b>\$1,500</b>	<b>\$1,500</b>	<b>\$1,500</b>	<b>\$1,500</b>	
<b>SUMMARY TOTAL OF PUBLIC TRANSIT, FLEX FUNDS, ELDERLY &amp; DISABLED SUBPROGRAM</b>													<b>\$7,500</b>
<b>◆ PUBLIC TRANSIT, FLEX FUNDS, RURAL &amp; URBAN</b>													
75818	142.00	FTA - Public Transit - Section 5311 Rural / 5307 Urban					STP	\$5,000	\$0	\$0	\$0	\$0	
75819							STP	\$0	\$5,000	\$0	\$0	\$0	
75820							STP	\$0	\$0	\$5,000	\$0	\$0	
75821							STP	\$0	\$0	\$0	\$5,000	\$0	
75822							STP	\$0	\$0	\$0	\$0	\$5,000	
								<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	
<b>SUMMARY TOTAL OF PUBLIC TRANSIT, FLEX FUNDS, RURAL &amp; URBAN SUBPROGRAM</b>													<b>\$25,000</b>
<b>◆ ROADSIDE FACILITIES, REST AREA PRESERVATION</b>													
79118	153.00	Rest Area Preservation					FA	\$375	\$0	\$0	\$0	\$0	
								<b>\$375</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>SUMMARY TOTAL OF ROADSIDE FACILITIES, REST AREA PRESERVATION SUBPROGRAM</b>													<b>\$375</b>
<b>◆ OPERATIONAL FACILITIES, SIGNAL WAREHOUSE</b>													
71318	161.00	Signal Warehouse					STATE	\$1,700	\$0	\$0	\$0	\$0	
71319							STATE	\$0	\$1,700	\$0	\$0	\$0	
71320							STATE	\$0	\$0	\$1,700	\$0	\$0	
71321							STATE	\$0	\$0	\$0	\$1,700	\$0	
71322							STATE	\$0	\$0	\$0	\$0	\$1,700	
								<b>\$1,700</b>	<b>\$1,700</b>	<b>\$1,700</b>	<b>\$1,700</b>	<b>\$1,700</b>	
<b>SUMMARY TOTAL OF OPERATIONAL FACILITIES, SIGNAL WAREHOUSE SUBPROGRAM</b>													<b>\$8,500</b>

# Subprogram

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>SYSTEM PRESERVATION</b>													
<b>◆ OPERATIONAL FACILITIES, COLLECTION OF OVERWEIGHT FEES AT POE</b>													
79618	162.02	Collection of Overweight Fees at POE					STATE	\$1,500	\$0	\$0	\$0	\$0	
79619							STATE	\$0	\$1,500	\$0	\$0	\$0	
79620							STATE	\$0	\$0	\$1,500	\$0	\$0	
79621							STATE	\$0	\$0	\$0	\$1,500	\$0	
79622							STATE	\$0	\$0	\$0	\$0	\$1,500	
								<b>\$1,500</b>	<b>\$1,500</b>	<b>\$1,500</b>	<b>\$1,500</b>	<b>\$1,500</b>	
<b>SUMMARY TOTAL OF OPERATIONAL FACILITIES, COLLECTION OF OVERWEIGHT FEES AT POE SUBPROGRAM</b>													<b>\$7,500</b>
<b>◆ OPERATIONAL FACILITIES, TSM &amp; O</b>													
78818	163.00	Data Collection, Implementation, Ramp Metering, Increased Detection					STATE	\$1,600	\$0	\$0	\$0	\$0	
78819							STATE	\$0	\$1,600	\$0	\$0	\$0	
78820							STATE	\$0	\$0	\$1,600	\$0	\$0	
78821							STATE	\$0	\$0	\$0	\$1,600	\$0	
78822							STATE	\$0	\$0	\$0	\$0	\$1,600	
								<b>\$1,600</b>	<b>\$1,600</b>	<b>\$1,600</b>	<b>\$1,600</b>	<b>\$1,600</b>	
<b>SUMMARY TOTAL OF OPERATIONAL FACILITIES, TSM &amp; O SUBPROGRAM</b>													<b>\$8,000</b>
<b>SUMMARY TOTAL OF OPERATIONAL FACILITIES SUBPROGRAMS</b>								<b>\$36,393</b>	<b>\$39,117</b>	<b>\$46,923</b>	<b>\$188,983</b>	<b>\$261,540</b>	<b>\$572,956</b>

# Subprogram

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>SYSTEM MANAGEMENT</b>													
<b>◆ DEVELOPMENT SUPPORT, DESIGN SUPPORT</b>													
76518	211.00			Resource Agency Supplemental Support			FA	\$500	\$0	\$0	\$0	\$0	
76519							FA	\$0	\$500	\$0	\$0	\$0	
76520							FA	\$0	\$0	\$300	\$0	\$0	
76521							FA	\$0	\$0	\$0	\$500	\$0	
76522							FA	\$0	\$0	\$0	\$0	\$500	
								<b>\$500</b>	<b>\$500</b>	<b>\$300</b>	<b>\$500</b>	<b>\$500</b>	
<b>SUMMARY TOTAL OF DEVELOPMENT SUPPORT, DESIGN SUPPORT SUBPROGRAM</b>													<b>\$2,300</b>
<b>◆ DEVELOPMENT SUPPORT, ENGINEERING - STATEWIDE</b>													
70118	211.01			Modernization Projects			FA	\$5,953	\$0	\$0	\$0	\$0	
70119							FA	\$0	\$29,297	\$0	\$0	\$0	
70120							FA	\$0	\$0	\$16,659	\$0	\$0	
70121							FA	\$0	\$0	\$0	\$41,454	\$0	
70122							FA	\$0	\$0	\$0	\$0	\$51,500	
								<b>\$5,953</b>	<b>\$29,297</b>	<b>\$16,659</b>	<b>\$41,454</b>	<b>\$51,500</b>	
<b>SUMMARY TOTAL OF DEVELOPMENT SUPPORT, ENGINEERING - STATEWIDE SUBPROGRAM</b>													<b>\$144,863</b>
<b>◆ DEVELOPMENT SUPPORT, ENGINEERING - STATEWIDE</b>													
70018	211.01			Construction Preparation: Technical Engineering Group			FA	\$5,967	\$0	\$0	\$0	\$0	
70019							FA	\$0	\$644	\$0	\$0	\$0	
70020							FA	\$0	\$0	\$1,000	\$0	\$0	
70021							FA	\$0	\$0	\$0	\$1,000	\$0	
70022							FA	\$0	\$0	\$0	\$0	\$1,000	
								<b>\$5,967</b>	<b>\$644</b>	<b>\$1,000</b>	<b>\$1,000</b>	<b>\$1,000</b>	
<b>SUMMARY TOTAL OF DEVELOPMENT SUPPORT, ENGINEERING - STATEWIDE SUBPROGRAM</b>													<b>\$9,611</b>
<b>◆ DEVELOPMENT SUPPORT, UTILITIES SUPPORT</b>													
70818	212.00			Utility Location Services & Utility Relocation (relocation of utilities with prior rights)			FA	\$250	\$0	\$0	\$0	\$0	
70819							FA	\$0	\$250	\$0	\$0	\$0	
70820							FA	\$0	\$0	\$250	\$0	\$0	
70821							FA	\$0	\$0	\$0	\$250	\$0	
70822							FA	\$0	\$0	\$0	\$0	\$250	
								<b>\$250</b>	<b>\$250</b>	<b>\$250</b>	<b>\$250</b>	<b>\$250</b>	
<b>SUMMARY TOTAL OF DEVELOPMENT SUPPORT, UTILITIES SUPPORT SUBPROGRAM</b>													<b>\$1,250</b>
<b>◆ DEVELOPMENT SUPPORT, RIGHT OF WAY SUPPORT</b>													
71018	213.00			Right-Of-Way Acquisition, Appraisal & Plans & Titles Preparation			FA	\$6,000	\$0	\$0	\$0	\$0	
71019							FA	\$0	\$6,000	\$0	\$0	\$0	
71020							FA	\$0	\$0	\$6,000	\$0	\$0	
71021							FA	\$0	\$0	\$0	\$6,000	\$0	
71022							FA	\$0	\$0	\$0	\$0	\$6,000	
								<b>\$6,000</b>	<b>\$6,000</b>	<b>\$6,000</b>	<b>\$6,000</b>	<b>\$6,000</b>	
<b>SUMMARY TOTAL OF DEVELOPMENT SUPPORT, RIGHT OF WAY SUPPORT SUBPROGRAM</b>													<b>\$30,000</b>

# Subprogram

ItemNo	Resource	Subprogram	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>SYSTEM MANAGEMENT</b>									
<b>◆ DEVELOPMENT SUPPORT, ENVIRONMENTAL SUPPORT</b>									
77718	214.00	Support Services	FA	\$750	\$0	\$0	\$0	\$0	
77719			FA	\$0	\$750	\$0	\$0	\$0	
77720			FA	\$0	\$0	\$750	\$0	\$0	
77721			FA	\$0	\$0	\$0	\$750	\$0	
77722			FA	\$0	\$0	\$0	\$0	\$750	
				<b>\$750</b>	<b>\$750</b>	<b>\$750</b>	<b>\$750</b>	<b>\$750</b>	
<b>SUMMARY TOTAL OF DEVELOPMENT SUPPORT, ENVIRONMENTAL SUPPORT SUBPROGRAM</b>									<b>\$3,750</b>
<b>◆ DEVELOPMENT SUPPORT, STORM WATER PROTECTION</b>									
79518	214.06	Storm Water Protection	STATE	\$905	\$0	\$0	\$0	\$0	
79519			STATE	\$0	\$625	\$0	\$0	\$0	
79520			STATE	\$0	\$0	\$600	\$0	\$0	
79521			STATE	\$0	\$0	\$0	\$600	\$0	
79522			STATE	\$0	\$0	\$0	\$0	\$600	
				<b>\$905</b>	<b>\$625</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	
<b>SUMMARY TOTAL OF DEVELOPMENT SUPPORT, STORM WATER PROTECTION SUBPROGRAM</b>									<b>\$3,330</b>
<b>◆ DEVELOPMENT SUPPORT, PM 2.5 AIR QUALITY PROJECTS</b>									
70618	214.08	Nogales Area Projects	CMAQ	\$533	\$0	\$0	\$0	\$0	
70619			CMAQ	\$0	\$533	\$0	\$0	\$0	
70620			CMAQ	\$0	\$0	\$533	\$0	\$0	
70621			CMAQ	\$0	\$0	\$0	\$533	\$0	
70622			CMAQ	\$0	\$0	\$0	\$0	\$533	
				<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	
<b>SUMMARY TOTAL OF DEVELOPMENT SUPPORT, PM 2.5 AIR QUALITY PROJECTS SUBPROGRAM</b>									<b>\$2,665</b>
<b>◆ DEVELOPMENT SUPPORT, PLANNING SUPPORT</b>									
72918	215.00	Planning Support	SPR	\$12,000	\$0	\$0	\$0	\$0	
72919			SPR	\$0	\$12,000	\$0	\$0	\$0	
72920			SPR	\$0	\$0	\$12,000	\$0	\$0	
72921			SPR	\$0	\$0	\$0	\$12,000	\$0	
72922			SPR	\$0	\$0	\$0	\$0	\$12,000	
				<b>\$12,000</b>	<b>\$12,000</b>	<b>\$12,000</b>	<b>\$12,000</b>	<b>\$12,000</b>	
<b>SUMMARY TOTAL OF DEVELOPMENT SUPPORT, PLANNING SUPPORT SUBPROGRAM</b>									<b>\$60,000</b>
<b>◆ DEVELOPMENT SUPPORT, MATCH FOR FEDERAL FUNDS -STATEWIDE</b>									
77818	215.01	Planning Support (State Match)	STATE	\$3,000	\$0	\$0	\$0	\$0	
77819			STATE	\$0	\$3,000	\$0	\$0	\$0	
77820			STATE	\$0	\$0	\$3,000	\$0	\$0	
77821			STATE	\$0	\$0	\$0	\$3,000	\$0	
77822			STATE	\$0	\$0	\$0	\$0	\$3,000	
				<b>\$3,000</b>	<b>\$3,000</b>	<b>\$3,000</b>	<b>\$3,000</b>	<b>\$3,000</b>	
<b>SUMMARY TOTAL OF DEVELOPMENT SUPPORT, MATCH FOR FEDERAL FUNDS -STATEWIDE SUBPROGRAM</b>									<b>\$15,000</b>

# Subprogram

ItemNo	Resource	Subprogram	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>SYSTEM MANAGEMENT</b>									
<b>◆ OPERATING SUPPORT, BUSINESS ENGAGEMENT AND COMPLIANCE</b>									
73018	221.00	Supportive Services Programs	DBE	\$800	\$0	\$0	\$0	\$0	
73019			DBE	\$0	\$1,200	\$0	\$0	\$0	
73020			DBE	\$0	\$0	\$1,200	\$0	\$0	
73021			DBE	\$0	\$0	\$0	\$800	\$0	
73022			DBE	\$0	\$0	\$0	\$0	\$800	
				<b>\$800</b>	<b>\$1,200</b>	<b>\$1,200</b>	<b>\$800</b>	<b>\$800</b>	
<b>SUMMARY TOTAL OF OPERATING SUPPORT, BUSINESS ENGAGEMENT AND COMPLIANCE SUBPROGRAM</b>									<b>\$4,800</b>
<b>◆ OPERATING SUPPORT, TRAINING, ITD TECHNICAL - STATEWIDE</b>									
76818	221.01	Training	STATE	\$600	\$0	\$0	\$0	\$0	
76819			STATE	\$0	\$600	\$0	\$0	\$0	
76820			STATE	\$0	\$0	\$600	\$0	\$0	
76821			STATE	\$0	\$0	\$0	\$600	\$0	
76822			STATE	\$0	\$0	\$0	\$0	\$600	
				<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	<b>\$600</b>	
<b>SUMMARY TOTAL OF OPERATING SUPPORT, TRAINING, ITD TECHNICAL - STATEWIDE SUBPROGRAM</b>									<b>\$3,000</b>
<b>◆ OPERATING SUPPORT, TRAINING, NHI - STATEWIDE</b>									
76718	221.02	National Hwy Institute Technical Training	FA	\$286	\$0	\$0	\$0	\$0	
76719			FA	\$0	\$286	\$0	\$0	\$0	
76720			FA	\$0	\$0	\$286	\$0	\$0	
76721			FA	\$0	\$0	\$0	\$286	\$0	
76722			FA	\$0	\$0	\$0	\$0	\$286	
				<b>\$286</b>	<b>\$286</b>	<b>\$286</b>	<b>\$286</b>	<b>\$286</b>	
<b>SUMMARY TOTAL OF OPERATING SUPPORT, TRAINING, NHI - STATEWIDE SUBPROGRAM</b>									<b>\$1,430</b>
<b>◆ OPERATING SUPPORT, PRIVATIZATION SUPPORT</b>									
74518	225.00	Alternative Funding / Public Private Partnerships (P3)	STATE	\$3,000	\$0	\$0	\$0	\$0	
74519			STATE	\$0	\$3,000	\$0	\$0	\$0	
74520			STATE	\$0	\$0	\$1,800	\$0	\$0	
74521			STATE	\$0	\$0	\$0	\$1,800	\$0	
74522			STATE	\$0	\$0	\$0	\$0	\$1,800	
				<b>\$3,000</b>	<b>\$3,000</b>	<b>\$1,800</b>	<b>\$1,800</b>	<b>\$1,800</b>	
<b>SUMMARY TOTAL OF OPERATING SUPPORT, PRIVATIZATION SUPPORT SUBPROGRAM</b>									<b>\$11,400</b>
<b>◆ OPERATING SUPPORT, RISK MANAGEMENT INDEMNIFICATION</b>									
75218	227.00	Risk Management Indemnification	FA	\$1,500	\$0	\$0	\$0	\$0	
75219			FA	\$0	\$1,156	\$0	\$0	\$0	
75220			FA	\$0	\$0	\$1,000	\$0	\$0	
75221			FA	\$0	\$0	\$0	\$1,461	\$0	
75222			FA	\$0	\$0	\$0	\$0	\$1,461	
				<b>\$1,500</b>	<b>\$1,156</b>	<b>\$1,000</b>	<b>\$1,461</b>	<b>\$1,461</b>	
<b>SUMMARY TOTAL OF OPERATING SUPPORT, RISK MANAGEMENT INDEMNIFICATION SUBPROGRAM</b>									<b>\$6,578</b>

# Subprogram

ItemNo	Resource	Subprogram	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>SYSTEM MANAGEMENT</b>									
<b>◆ PROGRAM OPERATING CONTINGENCIES, GENERAL CONTINGENCY</b>									
70718	232.00	Statewide Engineering Development	FA	\$1,000	\$0	\$0	\$0	\$0	
				<b>\$1,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>SUMMARY TOTAL OF PROGRAM OPERATING CONTINGENCIES, GENERAL CONTINGENCY SUBPROGRAM</b>									<b>\$1,000</b>
<b>◆ PROGRAM OPERATING CONTINGENCIES, EMERGENCY PROJECTS</b>									
72118	233.00	Emergency Projects	FA	\$1,100	\$0	\$0	\$0	\$0	
72119			FA	\$0	\$1,100	\$0	\$0	\$0	
72120			FA	\$0	\$0	\$1,100	\$0	\$0	
72121			FA	\$0	\$0	\$0	\$1,100	\$0	
72122			FA	\$0	\$0	\$0	\$0	\$1,100	
				<b>\$1,100</b>	<b>\$1,100</b>	<b>\$1,100</b>	<b>\$1,100</b>	<b>\$1,100</b>	
<b>SUMMARY TOTAL OF PROGRAM OPERATING CONTINGENCIES, EMERGENCY PROJECTS SUBPROGRAM</b>									<b>\$5,500</b>
<b>◆ PROGRAM OPERATING CONTINGENCIES, CONSTRUCTION</b>									
72318	234.00	Program Cost Adjustments	FA	\$5,000	\$0	\$0	\$0	\$0	
72319			FA	\$0	\$5,000	\$0	\$0	\$0	
72320			FA	\$0	\$0	\$5,000	\$0	\$0	
72321			FA	\$0	\$0	\$0	\$5,000	\$0	
72322			FA	\$0	\$0	\$0	\$0	\$5,000	
				<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	
<b>SUMMARY TOTAL OF PROGRAM OPERATING CONTINGENCIES, CONSTRUCTION SUBPROGRAM</b>									<b>\$25,000</b>
<b>◆ PROGRAM OPERATING CONTINGENCIES, FEDERAL TAX EVASION PROGRAM</b>									
78518	236.00	Dyed Fuel Enforcement	FA	\$375	\$0	\$0	\$0	\$0	
78519			FA	\$0	\$375	\$0	\$0	\$0	
78520			FA	\$0	\$0	\$375	\$0	\$0	
78521			FA	\$0	\$0	\$0	\$375	\$0	
78522			FA	\$0	\$0	\$0	\$0	\$375	
				<b>\$375</b>	<b>\$375</b>	<b>\$375</b>	<b>\$375</b>	<b>\$375</b>	
<b>SUMMARY TOTAL OF PROGRAM OPERATING CONTINGENCIES, FEDERAL TAX EVASION PROGRAM SUBPROGRAM</b>									<b>\$1,875</b>
<b>SUMMARY TOTAL OF PROGRAM OPERATING CONTINGENCIES SUBPROGRAMS</b>				<b>\$49,519</b>	<b>\$66,316</b>	<b>\$52,453</b>	<b>\$77,509</b>	<b>\$87,555</b>	<b>\$333,352</b>

# Subprogram

ItemNo	Resource	Subprogram	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>SYSTEM IMPROVEMENTS</b>									
<b>◆ ROADSIDE FACILITIES IMPROVEMENTS, OFF-HIGHWAY IMPROVEMENT</b>									
78718	329.00	Administration Position for DPS Officer to Co-locate at the ADOT TOC	STATE	\$900	\$0	\$0	\$0	\$0	
78719			STATE	\$0	\$925	\$0	\$0	\$0	
78720			STATE	\$0	\$0	\$950	\$0	\$0	
78721			STATE	\$0	\$0	\$0	\$975	\$0	
78722			STATE	\$0	\$0	\$0	\$0	\$980	
				<b>\$900</b>	<b>\$925</b>	<b>\$950</b>	<b>\$975</b>	<b>\$980</b>	
<b>SUMMARY TOTAL OF ROADSIDE FACILITIES IMPROVEMENTS, OFF-HIGHWAY IMPROVEMENT SUBPROGRAM</b>									<b>\$4,730</b>
<b>◆ MINOR CAPACITY/OPERATIONAL SPOT IMPROVEMENTS, DESIGN &amp; CONSTRUCT MINOR PROJECTS</b>									
73318	311.00	Design & Construct Minor Projects	FA	\$1,654	\$0	\$0	\$0	\$0	
73319			FA	\$0	\$8,668	\$0	\$0	\$0	
73320			FA	\$0	\$0	\$7,156	\$0	\$0	
73321			FA	\$0	\$0	\$0	\$21,000	\$0	
73322			FA	\$0	\$0	\$0	\$0	\$21,000	
				<b>\$1,654</b>	<b>\$8,668</b>	<b>\$7,156</b>	<b>\$21,000</b>	<b>\$21,000</b>	
<b>SUMMARY TOTAL OF MINOR CAPACITY/OPERATIONAL SPOT IMPROVEMENTS, DESIGN &amp; CONSTRUCT MINOR PROJECTS SUBPROGRAM</b>									<b>\$59,478</b>
<b>◆ ROADSIDE FACILITIES IMPROVEMENTS, STATE PARKS ROADS</b>									
78418	321.00	State Parks Program	STATE	\$2,500	\$0	\$0	\$0	\$0	
78419			STATE	\$0	\$2,500	\$0	\$0	\$0	
78420			STATE	\$0	\$0	\$2,500	\$0	\$0	
78421			STATE	\$0	\$0	\$0	\$2,500	\$0	
78422			STATE	\$0	\$0	\$0	\$0	\$2,500	
				<b>\$2,500</b>	<b>\$2,500</b>	<b>\$2,500</b>	<b>\$2,500</b>	<b>\$2,500</b>	
<b>SUMMARY TOTAL OF ROADSIDE FACILITIES IMPROVEMENTS, STATE PARKS ROADS SUBPROGRAM</b>									<b>\$12,500</b>
<b>◆ ROADSIDE FACILITIES IMPROVEMENTS, TRANSPORTATION ALTERNATIVES</b>									
71618	325.01	Projects of Opportunity Local TA Projects	TA	\$6,351	\$0	\$0	\$0	\$0	
71619			TA	\$0	\$5,700	\$0	\$0	\$0	
71620			TA	\$0	\$0	\$5,700	\$0	\$0	
71621			TA	\$0	\$0	\$0	\$5,700	\$0	
71622			TA	\$0	\$0	\$0	\$0	\$5,700	
				<b>\$6,351</b>	<b>\$5,700</b>	<b>\$5,700</b>	<b>\$5,700</b>	<b>\$5,700</b>	
<b>SUMMARY TOTAL OF ROADSIDE FACILITIES IMPROVEMENTS, TRANSPORTATION ALTERNATIVES SUBPROGRAM</b>									<b>\$29,151</b>
<b>◆ ROADSIDE FACILITIES IMPROVEMENTS, NATIONAL RECREATIONAL TRAILS</b>									
78618	326.00	Recreational Trails Program	NRT	\$1,820	\$0	\$0	\$0	\$0	
78619			NRT	\$0	\$1,820	\$0	\$0	\$0	
78620			NRT	\$0	\$0	\$1,820	\$0	\$0	
78621			NRT	\$0	\$0	\$0	\$1,820	\$0	
78622			NRT	\$0	\$0	\$0	\$0	\$1,820	
				<b>\$1,820</b>	<b>\$1,820</b>	<b>\$1,820</b>	<b>\$1,820</b>	<b>\$1,820</b>	
<b>SUMMARY TOTAL OF ROADSIDE FACILITIES IMPROVEMENTS, NATIONAL RECREATIONAL TRAILS SUBPROGRAM</b>									<b>\$9,100</b>

# Subprogram

ItemNo	Resource	Subprogram	Funding	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>SYSTEM IMPROVEMENTS</b>									
<b>◆ ROADSIDE FACILITIES IMPROVEMENTS, RECREATIONAL TRAILS PROGRAM - STATE PARK MATCH</b>									
78618	326.01	Recreational Trails Program - State Park Match	GVT	\$116	\$0	\$0	\$0	\$0	
78619			GVT	\$0	\$116	\$0	\$0	\$0	
78620			GVT	\$0	\$0	\$116	\$0	\$0	
78621			GVT	\$0	\$0	\$0	\$116	\$0	
78622			GVT	\$0	\$0	\$0	\$0	\$116	
				<b>\$116</b>	<b>\$116</b>	<b>\$116</b>	<b>\$116</b>	<b>\$116</b>	
<b>SUMMARY TOTAL OF ROADSIDE FACILITIES IMPROVEMENTS, RECREATIONAL TRAILS PROGRAM - STATE PARK MATCH SUBPROGRAM</b>									<b>\$580</b>
<b>SUMMARY TOTAL OF ROADSIDE FACILITIES IMPROVEMENTS SUBPROGRAMS</b>				<b>\$13,341</b>	<b>\$19,729</b>	<b>\$18,242</b>	<b>\$32,111</b>	<b>\$32,116</b>	<b>\$115,539</b>
<b>GRAND SUBPROGRAM TOTALS</b>				<b>\$99,253</b>	<b>\$125,162</b>	<b>\$117,618</b>	<b>\$298,603</b>	<b>\$381,211</b>	<b>\$1,021,847</b>

# 2018-2022

## Five-Year Transportation Facilities Construction Program

**ADOT**

*Maricopa County*





## **INTRODUCTION**

Arizona House Bill 2292, which passed in the Spring 2003 session of the Arizona Legislature, established the Maricopa Association of Governments (MAG) Transportation Policy Committee (TPC) which was tasked with developing a Regional Transportation Plan (RTP) for Maricopa County, and established the process for an election to extend the half cent County Transportation Excise Tax. On November 2, 2004, voters in Maricopa County approved Proposition 400 to extend the half cent sales tax for transportation. The extension began January 1, 2006 and ends on December 31, 2025.

In accordance with A.R.S. §42-6105.E, 56.2 percent of the Proposition 400 sales tax collections are distributed to freeways and state highways; 10.5 percent are distributed to arterial street improvements; and 33.3 percent are distributed to the public transportation fund. The RTP thus has three major components: Freeways/Highways, Transit and Arterial Roads.

The Regional Transportation Plan Freeway Program (RTPFP) includes new freeway corridors to serve growth in the region and improvements to the existing system of freeways and highways to reduce current and future congestion and improve safety. The work includes new freeway corridors, additional lanes on existing facilities, and new interchanges at arterial cross streets, high occupancy vehicle ramps at system interchanges, noise mitigation, litter and landscape maintenance programs, freeway management systems and freeway service patrols. The RTPFP is funded by three primary revenue sources: the Proposition 400 half cent sales tax, Arizona Department of Transportation (ADOT) funds dedicated for use in Maricopa County, and federal highway funds.

## **LIFE CYCLE PROGRAM**

The concept of a Life Cycle Program refers to a programming approach that forecasts and allocates funds through the full life of a major funding source. The Life Cycle Program covers the project program through fiscal year 2026, and reflects a fiscal balance between anticipated revenues and expenditures. The Life Cycle Program provides the necessary management tools to ensure both ADOT and MAG maintain realistic planning and construction schedules, predicated upon funding, and provide periodic reports to the public and other governmental agencies.

The Life Cycle Program for the Regional Transportation Plan Freeway Program (RTPFP) provides an effective management tool and a comprehensive view of planned construction. This document and the philosophy it represents assists in maximizing transportation dollars and provides a focus on future transportation needs.

A key management tool used for the Life Cycle Program is the development of certified revenues and costs. Certification involves the preparation of reliable cost estimates for the RTPFP, as well as a forecast of revenues available to fund the system. The costs and revenues are reviewed and certified by ADOT every six months.

## **PROGRAMMING PROCESS**

A.R.S §28-6352 requires ADOT to adopt a budget process that ensures that the estimated cost of the system, including corridor and corridor segments, does not exceed the total amount of revenues estimated to be available for the system. MAG has the role of establishing the overall plan for the system; the priority of the corridors included in the plan, and may recommend a corridor construction schedule. ADOT's role is one of preparing, adopting and executing a program of design, right of way acquisition and construction projects by which the MAG Regional Transportation Plan Freeway Program is implemented.

## **PUBLIC HEARINGS**

The five year FY 2018–2022 RTPFP must be approved by both the ADOT State Transportation Board and the MAG Regional Council. For ADOT, the approval process included presentation to the State Transportation Board in February followed by Public Hearings in Tucson on March 17, 2017, in Flagstaff on April 21, 2017, and in Phoenix on May 19, 2017, with final approval at the State Transportation Board meeting in Payson on June 16, 2017. For MAG, the approval process included presentation at a public hearing, and then proceeded through the MAG committee approval processes with final approval by Regional Council at their meeting on July 26, 2017.

## **REVENUES AND FUNDS**

Regional Area Road Fund (RARF) Transportation Excise Tax: The official revenue forecast for the Proposition 400 RARF half cent sales tax was developed during the August 2015 Risk Analysis session and reflects of economic conditions at that time. It may or may not prove accurate over the longer term and actual revenues will differ from forecast revenues.

Highway User Revenue Fund (HURF), 15% Funds: The MAG area receives annual funding from the Highway User Revenue Fund, which consists of fuel taxes, vehicle license taxes, registration fees and other sources. It is divided by statute among the Department of Public Safety (DPS), ADOT, counties, cities and towns. ADOT receives 50.5% of HURF after an initial distribution to DPS and other items are taken “off the top”. ADOT sets aside 12.6% of its distribution by state law, plus another 2.6% by Transportation Board policy,

for controlled access highways and freeways in the MAG and PAG (Pima Association of Governments) areas, of which 75% is allocated to the MAG area and 25% is allocated to the PAG area. This distribution is often referred to as the ADOT 15% funds.

ADOT 37% Funds: After the deduction of the 15% funds, ADOT's share of HURF funds must pay for ADOT operations, maintenance and debt service on outstanding bonds. The remainder is then combined with ADOT's share of federal highway funds and forms the basis for the ADOT highway construction program. This block of funds is often called the ADOT discretionary funds, of which a 37% share is reserved for freeways and highways in the MAG area.

Federal Aid: Federal Aid includes Surface Transportation Program funding (STP), Congestion Mitigation and Air Quality funds (CMAQ) and other federal highway funds directly sub-allocated to the MAG area. The forecast assumes \$34.1 million of MAG sub-allocated STP funds per year will be dedicated to the RTPFP through FY 2015 and \$13.6 million in FY 2016 in the form of debt service for Grant Anticipation Notes (GAN).

Statewide Transportation Acceleration Needs (STAN): Per statute, 60% of STAN funds are distributed to projects in the Maricopa County region. Pima County receives 16% and the remaining 24% are distributed to the thirteen other counties.

American Recovery and Reinvestment Act (ARRA): A \$787 billion economic stimulus package was signed into law by President Obama on February 17, 2009. The ADOT highway portion was \$349.7 million which included \$129.4 million for the RTPFP.

Third Party Billing: Represents local and other funds for programmed projects.

Other Income: Includes building rent, sales of excess property and other miscellaneous income.

Bond Proceeds and Debt Service: The issuance of bonds secured by RARF, HURF and federal aid revenues are assumed. Interest on the bond issues is assumed to be 5.0 % maximum. Bond maturities are assumed at between 3 and 26 years.

## **CONSTRUCTION COST ESTIMATES**

To develop sound, long-range cost estimates for construction of the RTPFP, the Department conducts an annual review of its estimating procedures. Attention was directed at both estimating methods and long-range cost trends. A risk analysis process was conducted by HDR Decision Economics to assess the probabilities of experiencing specific construction cost levels.

Risk assessment workshops were conducted utilizing the HDR Decision Economics model to evaluate social, economic, environmental and engineering issues that affect future project or system costs. Workshop panelists who have specific expertise in freeway

construction and cost estimating as well as right-of-way appraising participated in the risk assessment process. Written comments from private sector construction and engineering companies were also included as part of the construction base cost estimate documentation process.

The construction and right-of-way cost estimates are predicated upon various economic variables and are subject to national, state and local trends. Final construction and right-of-way cost estimates may vary due to economic factors in the marketplace beyond the Department's control. Major changes in the construction industry or real estate market may affect the estimates resulting in differences between forecast and actual costs. The Life Cycle Certification process is a "check and balance" on actual versus forecast performance.

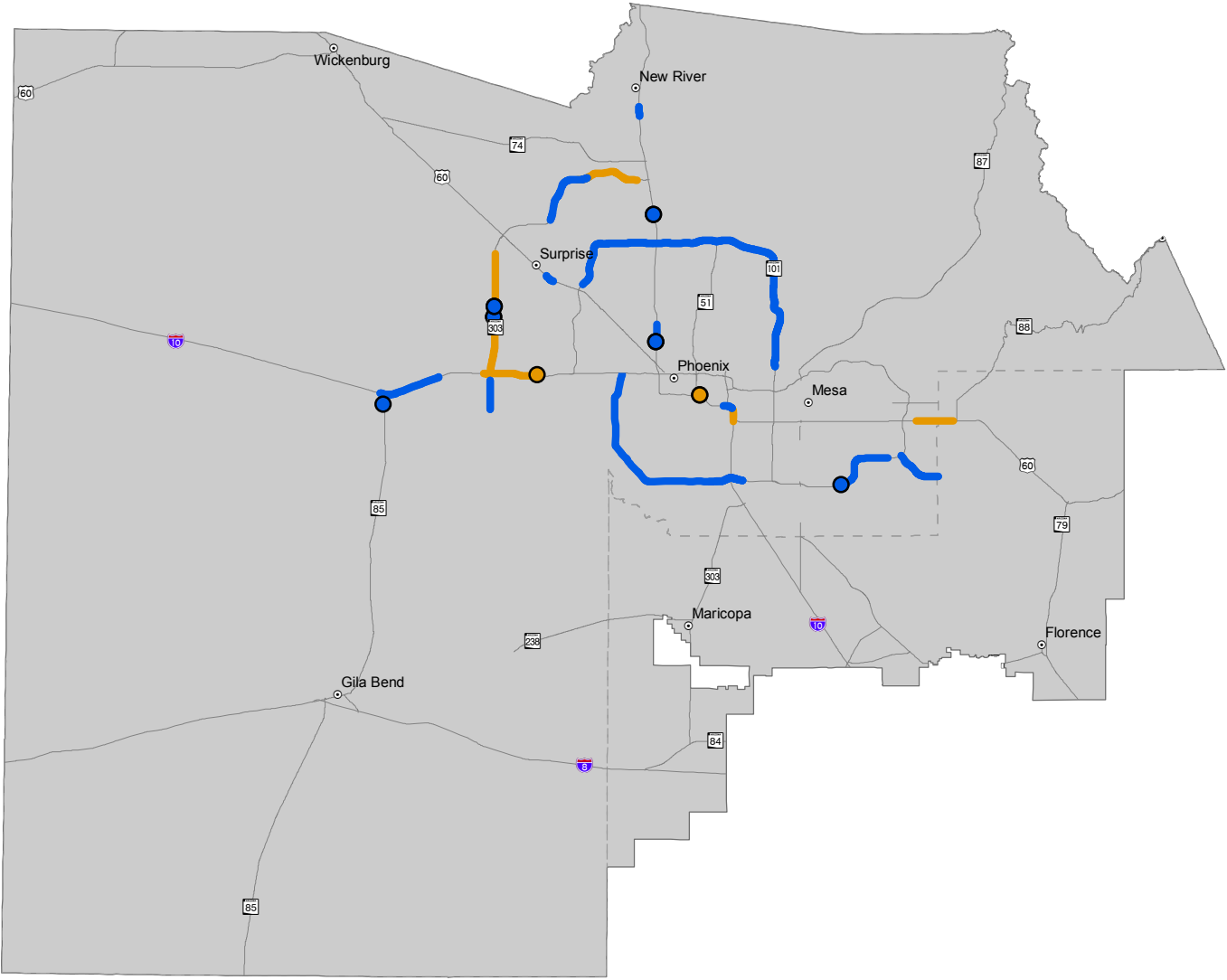
### **FY 2018 – 2022 REGIONAL TRANSPORTATION PLAN FREEWAY PROGRAM**

The following pages provide a listing of the RTPFP projects for the period FY 2018–2022.

It is important to note that the programming of projects as depicted in this document is on an obligation basis. This means that the full cost of each project is shown in the fiscal year in which the project is expected to go to bid. Actual flow of cash payments on the project extends for the duration of work activities, which may span several years. In addition, the bid date for a project programmed in a given fiscal year is scheduled to occur in a specific month within that fiscal year. This bid date is coordinated with revenue and expenditure cash flow requirements for design, right-of-way acquisition and construction activities occurring throughout the entire system for the RTPFP.

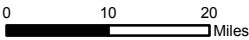
Another consideration is that the 1990 Federal Clean Air Act Amendments require that transportation plans and programs be in conformance with applicable air quality plans. To comply with this requirement, MAG conducts an air quality conformity analysis on transportation projects planned and programmed in the MAG area. As these analyses are completed, the scope and timing of projects in the ADOT Program may be affected.

# Final 2018-2022 Five-Year Transportation Facilities Construction Program MAG RTP Freeway Program



**Projects**

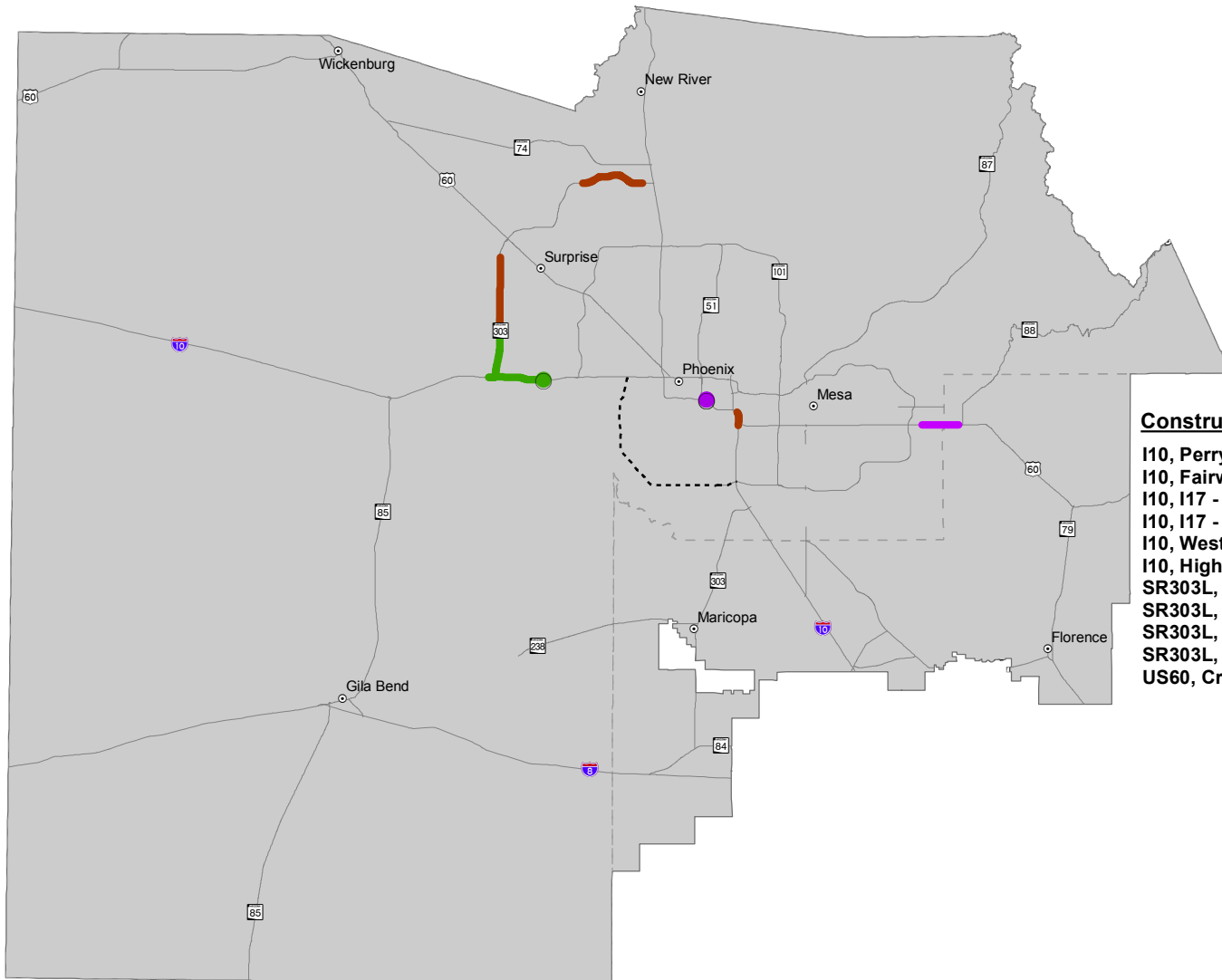
- Expansion
- Modernization
- Expansion
- Modernization
- Cities and Towns
- State Highway System
- - - County Boundary
- MAG Boundary



**Note:**  
The State of Arizona makes no claims concerning the accuracy of this map nor assumes any liability resulting from the use of the information herein.

Prepared by:  
Arizona Department of Transportation  
Multimodal Planning Division  
Transportation Analysis GIS Section  
602.712.7333      January 2017

# Final 2018-2022 Five-Year Transportation Facilities Construction Program MAG RTP Freeway Program Modernization Projects

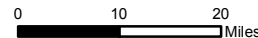


### Construction Projects:

- I10, Perryville Rd - Bullard Ave, FMS: \$4.16M CMAQ in 2018
- I10, Fairway Dr, TI: \$15.56M RARF in 2018
- I10, I17 - U60, Restripe: \$9.4M NHPP in 2020
- I10, I17 - U60, Restripe: \$600K RARF in 2020
- I10, Western Canal, Bike Path: \$3.5M RARF in 2019
- I10, Highline Canal, Bike Path: \$4.5M RARF in 2019
- SR303L, I10 & SR303 TI, Landscape: \$5M RARF in 2018
- SR303L, I10 - Northern Ave, FMS: \$4.2M CMAQ in 2018
- SR303L, Northern Ave - Clearview Blvd, FMS: \$4.3M CMAQ in 2019
- SR303L, Lake Pleasant Rd - I17, FMS: \$4M CMAQ in 2019
- US60, Crimson Rd - Idaho Rd, FMS: \$3.5M CMAQ in 2020

### Projects

- |        |        |                        |
|--------|--------|------------------------|
| ● 2018 | — 2018 | ○ Cities and Towns     |
| ● 2020 | — 2019 | — State Highway System |
|        | — 2020 | - - - County Boundary  |
|        |        | ■ MAG Boundary         |



**Note:**  
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Prepared by:  
Arizona Department of Transportation  
Multimodal Planning Division  
Transportation Analysis GIS Section  
602.712.7333 January 2017





## ***Loan Repayments***

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# *Loan Repayments*

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## **Loan Repayments:**

I-17, Dove Valley Rd (Design) : \$1,800,000 in FY 2021

I-17, Dove Valley Rd (Construction) : \$26,500,000 in FY 2022

Note: RTP will share portion of the interest cost.

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***Privately Funded Projects***

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## *Privately Funded Projects*

### ***I-10, PAPAGO***

<u>ItemNo</u>	<u>Route</u>	<u>BMP</u>	<u>TRACS</u>	<u>Location</u>	<u>Type of Work</u>	<u>Fiscal Year</u>	<u>Cost (\$000)</u>
45209	10	96.20	H708301D	395th AVE (BELMONT ROAD)	Design TI	2019	\$1,820
45608	10	105.30	H683801D	DESERT CREEK TI	Design TI	2019	\$1,900
<b>Summary Total by Fiscal Year 2019:</b>							<b>\$3,720</b>
45309	10	96.20	H708301C	395th AVE (BELMONT ROAD)	Construct TI	2020	\$18,200
44909	10	105.30	H683801C	DESERT CREEK TI	Construct TI	2020	\$18,500
<b>Summary Total by Fiscal Year 2020:</b>							<b>\$36,700</b>
<b>Summary Total of Privately Funded Projects:</b>							<b>\$40,420</b>

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***Summary of Dollars***

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## Summary of Dollars by Freeway (Cost in Thousands)

		2018	2019	2020	2021	2022	Total
RTPFP	SR 30, I-10 RELIEVER	\$0	\$0	\$119,104	\$0	\$173,600	\$292,704
	I-10, PAPAGO	\$39,860	\$87,170	\$0	\$0	\$0	\$127,030
	I-10, MARICOPA	\$0	\$13,350	\$13,200	\$473,150	\$15,000	\$514,700
	I-17, BLACK CANYON	\$67,600	\$81,650	\$52,450	\$152,300	\$109,200	\$463,200
	SR 24, GATEWAY FREEWAY	\$74,200	\$0	\$71,070	\$0	\$0	\$145,270
	US 60, GRAND AVENUE	\$5,700	\$0	\$0	\$0	\$0	\$5,700
	US 60, SUPERSTITION	\$2,300	\$0	\$30,000	\$0	\$0	\$32,300
	SR 85	\$0	\$5,300	\$0	\$0	\$0	\$5,300
	SR 101L, AGUA FRIA	\$0	\$0	\$0	\$1,200	\$3,800	\$5,000
	SR 101L, PIMA	\$0	\$144,072	\$60,634	\$0	\$0	\$204,706
	SR 101L, PRICE	\$4,630	\$39,600	\$0	\$0	\$0	\$44,230
	SR 202L, RED MOUNTAIN	\$0	\$0	\$0	\$400	\$5,250	\$5,650
	SR 202L, SANTAN	\$0	\$0	\$1,840	\$19,000	\$35,000	\$55,840
	SR 202L, SOUTH MOUNTAIN	\$388,157	\$54,489	\$0	\$0	\$6,070	\$448,716
	SR 303L, BOB STUMP MEMORIAL	\$13,560	\$71,104	\$600	\$93,950	\$0	\$179,214
<b>Total</b>	<b>\$596,007</b>	<b>\$496,735</b>	<b>\$348,898</b>	<b>\$740,000</b>	<b>\$347,920</b>	<b>\$2,529,560</b>	
SYSTEMWIDE	SYSTEMWIDE	\$27,518	\$26,555	\$31,988	\$35,340	\$33,445	\$154,846
	<b>Total</b>	<b>\$27,518</b>	<b>\$26,555</b>	<b>\$31,988</b>	<b>\$35,340</b>	<b>\$33,445</b>	<b>\$154,846</b>
<b>Total</b>		<b>\$623,525</b>	<b>\$523,290</b>	<b>\$380,886</b>	<b>\$775,340</b>	<b>\$381,365</b>	<b>\$2,684,406</b>

Note: Summary excludes privately funded projects, interest and loan repayments.

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***Regional Transportation Plan Freeway Program  
Life Cycle Construction Program***



# Regional Transportation Plan Freeway Program, Life Cycle Construction Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>SR 30, I-10 RELIEVER</b>											
<b>SR 303L - SR 202L SOUTH MOUNTAIN, PHASE I</b>											
8892	211	30	0	Right of Way and Utility of Roadway	NHPP	\$0	\$0	\$61,030	\$0	\$0	
8892				Right of Way and Utility of Roadway	RARF	\$0	\$0	\$34,374	\$0	\$0	
8892				Design Roadway	RARF	\$0	\$0	\$23,700	\$0	\$0	
8892	341			Construct New Roadway	NHPP	\$0	\$0	\$0	\$0	\$162,852	
8892	342			Construct New Roadway	RARF	\$0	\$0	\$0	\$0	\$10,748	
There are 5 Line Items for this Location						\$0	\$0	\$119,104	\$0	\$173,600	\$292,704
<b>SUMMARY TOTAL FOR SR 30, I-10 RELIEVER, 5 LINE ITEMS</b>						<b>\$0</b>	<b>\$0</b>	<b>\$119,104</b>	<b>\$0</b>	<b>\$173,600</b>	<b>\$292,704</b>
<b>I-10, PAPAGO</b>											
<b>FAIRWAY DR TI</b>											
8876	342	10	130	Construction Traffic Interchange	RARF	\$19,600	\$0	\$0	\$0	\$0	
There is 1 Line Item for this Location						\$19,600	\$0	\$0	\$0	\$0	\$19,600
<b>PERRYVILLE ROAD - BULLARD AVENUE</b>											
40818	342	10	125	Construct FMS	CMAQ	\$3,923	\$0	\$0	\$0	\$0	
40818				Construct FMS	RARF	\$237	\$0	\$0	\$0	\$0	
There are 2 Line Items for this Location						\$4,160	\$0	\$0	\$0	\$0	\$4,160
<b>SR 85 - VERRADO WAY</b>											
8877	342	10	112	Right of Way and Utilities	RARF	\$8,300	\$0	\$0	\$0	\$0	
8877				Design General Purpose Lane	RARF	\$7,800	\$0	\$0	\$0	\$0	
8877				Construct General Purpose Lane	NHPP	\$0	\$75,853	\$0	\$0	\$0	
8877				Construct General Purpose Lane	RARF	\$0	\$11,317	\$0	\$0	\$0	
There are 4 Line Items for this Location						\$16,100	\$87,170	\$0	\$0	\$0	\$103,270
<b>SUMMARY TOTAL FOR I-10, PAPAGO, 7 LINE ITEMS</b>						<b>\$39,860</b>	<b>\$87,170</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$127,030</b>

# Regional Transportation Plan Freeway Program, Life Cycle Construction Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>I-10, MARICOPA</b>											
<b>CHANDLER HEIGHTS TI</b>											
7787	332	10	166	Construction for Traffic Interchange	RARF	\$0	\$0	\$0	\$0	\$15,000	
There is 1 Line Item for this Location						\$0	\$0	\$0	\$0	\$15,000	\$15,000
<b>I-10 AT HIGHLINE CANAL, SPINE OPTION 7</b>											
8879	325	10	155	Right of Way and Utility (Bike Path)	RARF	\$0	\$1,000	\$0	\$0	\$0	
There is 1 Line Item for this Location						\$0	\$1,000	\$0	\$0	\$0	\$1,000
<b>I-10 AT WESTERN CANAL, SPINE OPTION 5</b>											
8878	325	10	154	Right of Way and Utility (Bike Path)	RARF	\$0	\$1,000	\$0	\$0	\$0	
There is 1 Line Item for this Location						\$0	\$1,000	\$0	\$0	\$0	\$1,000
<b>I-17 SPLIT - SR 202L SANTAN (NEAR TERM IMPROVEMENT STRATEGY)</b>											
7861	342	10	143	Pre-Design for Widening	RARF	\$0	\$9,600	\$0	\$0	\$0	
7861				Right of Way for Widening	RARF	\$0	\$0	\$10,500	\$0	\$0	
7861				Design/Build for Widening	RARF	\$0	\$0	\$0	\$269,150	\$0	
7861				Design/Build for Widening	NHPP	\$0	\$0	\$0	\$200,000	\$0	
There are 4 Line Items for this Location						\$0	\$9,600	\$10,500	\$469,150	\$0	\$489,250
<b>SR 202L (SANTAN) - RIGGS RD</b>											
5723	342	10	161	Presign and Environmental (HOV/GPL)	RARF	\$0	\$1,750	\$0	\$0	\$0	
5723				Gila River Indian Community Coordination, HOV/GPL	RARF	\$0	\$0	\$200	\$0	\$0	
5723				Design HOV and General Purpose Lane	RARF	\$0	\$0	\$0	\$4,000	\$0	
There are 3 Line Items for this Location						\$0	\$1,750	\$200	\$4,000	\$0	\$5,950
<b>WEST SKY HARBOR ACCESS</b>											
8884	132	10	150	Pre-design and Environmental (TI)	RARF	\$0	\$0	\$2,500	\$0	\$0	
There is 1 Line Item for this Location						\$0	\$0	\$2,500	\$0	\$0	\$2,500
<b>SUMMARY TOTAL FOR I-10, MARICOPA, 11 LINE ITEMS</b>						<b>\$0</b>	<b>\$13,350</b>	<b>\$13,200</b>	<b>\$473,150</b>	<b>\$15,000</b>	<b>\$514,700</b>

# Regional Transportation Plan Freeway Program, Life Cycle Construction Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>I-17, BLACK CANYON</b>											
<b>BELL RD TI</b>											
9154	335	17	212	Predesign for TI	RARF	\$4,750	\$0	\$0	\$0	\$0	
9154				Design for TI	RARF	\$0	\$0	\$7,800	\$0	\$0	
9154				Right of Way and Utility for TI	RARF	\$0	\$0	\$1,800	\$0	\$0	
9154				Construction for TI	NHPP	\$0	\$0	\$0	\$0	\$75,000	
9154				Construction for TI	RARF	\$0	\$0	\$0	\$0	\$7,000	
There are 5 Line Items for this Location						\$4,750	\$0	\$9,600	\$0	\$82,000	\$96,350
<b>CAMELBACK ROAD TI</b>											
8887	342	17	204	Right of Way / Utility	RARF	\$0	\$7,100	\$0	\$0	\$0	
8887				Design TI	RARF	\$0	\$5,850	\$0	\$0	\$0	
8887				Construct Widening of TI	RARF	\$0	\$0	\$0	\$52,900	\$0	
There are 3 Line Items for this Location						\$0	\$12,950	\$0	\$52,900	\$0	\$65,850
<b>CENTRAL AVE BRIDGE</b>											
8886	342	17	205	Design Grade Separation	RARF	\$2,000	\$0	\$0	\$0	\$0	
8886				Right of Way / Utility - Grade Separation	RARF	\$1,000	\$0	\$0	\$0	\$0	
8886				Construct Grade Separation	RARF	\$0	\$20,000	\$0	\$0	\$0	
There are 3 Line Items for this Location						\$3,000	\$20,000	\$0	\$0	\$0	\$23,000
<b>GLENDALE AVE TI</b>											
9152	335	17	205	Predesign for Traffic Interchange	RARF	\$0	\$0	\$0	\$2,750	\$0	
There is 1 Line Item for this Location						\$0	\$0	\$0	\$2,750	\$0	\$2,750
<b>I-10 - SR 101L</b>											
8885	344	17	201	Construction Wrong Way Detection Deployment	RARF	\$4,100	\$0	\$0	\$0	\$0	
There is 1 Line Item for this Location						\$4,100	\$0	\$0	\$0	\$0	\$4,100
<b>I-10 SPLIT - 19th AVE</b>											
8890	211	17	197	Predesign and Environmental Widening	RARF	\$0	\$5,100	\$0	\$0	\$0	
8890				Design Widening	RARF	\$0	\$0	\$0	\$0	\$13,000	
8890	213			Right of Way and Utility for Widening	RARF	\$0	\$0	\$0	\$0	\$8,000	
There are 3 Line Items for this Location						\$0	\$5,100	\$0	\$0	\$21,000	\$26,100
<b>INDIAN SCHOOL RD TI</b>											
8888	342	17	202	Predesign and Environmental (TI)	RARF	\$0	\$0	\$2,850	\$0	\$0	
8888	332			Design (TI)	RARF	\$0	\$0	\$0	\$0	\$5,000	
8888				Right of Way and Utility (TI)	RARF	\$0	\$0	\$0	\$0	\$1,200	
There are 3 Line Items for this Location						\$0	\$0	\$2,850	\$0	\$6,200	\$9,050

# Regional Transportation Plan Freeway Program, Life Cycle Construction Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>NORTH OF ANTHEM WAY, SB</b>											
8889	211	17	229	Right of Way for Widening	RARF	\$5,000	\$0	\$0	\$0	\$0	
8889				Design Widening	RARF	\$3,200	\$0	\$0	\$0	\$0	
8889				Predesign Widening	RARF	\$1,800	\$0	\$0	\$0	\$0	
8889				Construct Widening	NHPP	\$0	\$0	\$30,000	\$0	\$0	
8889				Construct Widening	RARF	\$0	\$0	\$10,000	\$0	\$0	
There are 5 Line Items for this Location						\$10,000	\$0	\$40,000	\$0	\$0	\$50,000
<b>NORTHERN AVE TI</b>											
9153	335	17	206	Predesign for Traffic Interchange	RARF	\$0	\$0	\$0	\$2,750	\$0	
There is 1 Line Item for this Location						\$0	\$0	\$0	\$2,750	\$0	\$2,750
<b>PEORIA AVE - GREENWAY RD</b>											
9155	342	17	209	Design for Drainage	RARF	\$2,400	\$0	\$0	\$0	\$0	
9155				Construction for Drainage	RARF	\$0	\$27,600	\$0	\$0	\$0	
There are 2 Line Items for this Location						\$2,400	\$27,600	\$0	\$0	\$0	\$30,000
<b>PINNACLE PEAK RD TI AND HAPPY VALLEY RD TI</b>											
5497	332	17	218	Construct TI	NHPP	\$36,552	\$0	\$0	\$0	\$0	
5497				Construct TI	RARF	\$2,598	\$0	\$0	\$0	\$0	
5497	213			Right of Way and Utility (TI)	RARF	\$450	\$0	\$0	\$0	\$0	
There are 3 Line Items for this Location						\$39,600	\$0	\$0	\$0	\$0	\$39,600
<b>THUNDERBIRD RD TI</b>											
6712	332	17	211	Pre-Design for Traffic Interchange	RARF	\$3,750	\$0	\$0	\$0	\$0	
6712				Design for Traffic Interchange	RARF	\$0	\$15,400	\$0	\$0	\$0	
6712				Right of Way for Traffic Interchange	RARF	\$0	\$600	\$0	\$0	\$0	
6712				Construction for Traffic Interchange	RARF	\$0	\$0	\$0	\$69,300	\$0	
6712				Construction for Traffic Interchange	NHPP	\$0	\$0	\$0	\$24,600	\$0	
There are 5 Line Items for this Location						\$3,750	\$16,000	\$0	\$93,900	\$0	\$113,650
<b>SUMMARY TOTAL FOR I-17, BLACK CANYON, 35 LINE ITEMS</b>						<b>\$67,600</b>	<b>\$81,650</b>	<b>\$52,450</b>	<b>\$152,300</b>	<b>\$109,200</b>	<b>\$463,200</b>
<b>SR 24, GATEWAY FREEWAY</b>											
<b>ELLSWORTH RD - IRONWOOD DR, INTERIM PHASE I</b>											
8891	213	24	0	Right of Way and Utility for Roadway	RARF	\$65,800	\$0	\$0	\$0	\$0	
8891	211			Design Roadway	RARF	\$8,400	\$0	\$0	\$0	\$0	
8891	342			Construction for Roadway	NHPP	\$0	\$0	\$66,970	\$0	\$0	
8891				Construction for Roadway	RARF	\$0	\$0	\$4,100	\$0	\$0	
There are 4 Line Items for this Location						\$74,200	\$0	\$71,070	\$0	\$0	\$145,270
<b>SUMMARY TOTAL FOR SR 24, GATEWAY FREEWAY, 4 LINE ITEMS</b>						<b>\$74,200</b>	<b>\$0</b>	<b>\$71,070</b>	<b>\$0</b>	<b>\$0</b>	<b>\$145,270</b>

# Regional Transportation Plan Freeway Program, Life Cycle Construction Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>US 60, GRAND AVENUE</b>											
<b>GREENWAY RD - THOMPSON RANCH (THUNDERBIRD RD)</b>											
6334	342	60	145	Construct Frontage Road	RARF	\$5,700	\$0	\$0	\$0	\$0	
There is 1 Line Item for this Location						\$5,700	\$0	\$0	\$0	\$0	\$5,700
SUMMARY TOTAL FOR US 60, GRAND AVENUE, 1 LINE ITEMS						\$5,700	\$0	\$0	\$0	\$0	\$5,700
<b>US 60, SUPERSTITION</b>											
<b>CRISMON RD - IDAHO RD</b>											
43019	342	60	192	Design FMS	CMAQ	\$377	\$0	\$0	\$0	\$0	
5726				Design FMS	STATE	\$23	\$0	\$0	\$0	\$0	
5726				Construct FMS	CMAQ	\$0	\$0	\$3,500	\$0	\$0	
There are 3 Line Items for this Location						\$400	\$0	\$3,500	\$0	\$0	\$3,900
<b>CRISMON RD - MERIDIAN RD</b>											
40216	342	60	192	Design HOV/GPL	RARF	\$1,900	\$0	\$0	\$0	\$0	
3344				Construct HOV/GPL	RARF	\$0	\$0	\$26,500	\$0	\$0	
There are 2 Line Items for this Location						\$1,900	\$0	\$26,500	\$0	\$0	\$28,400
SUMMARY TOTAL FOR US 60, SUPERSTITION, 5 LINE ITEMS						\$2,300	\$0	\$30,000	\$0	\$0	\$32,300
<b>SR 85</b>											
<b>WARNER STREET BRIDGE</b>											
44811	341	85	153	Construct New Bridge	RARF	\$0	\$5,300	\$0	\$0	\$0	
There is 1 Line Item for this Location						\$0	\$5,300	\$0	\$0	\$0	\$5,300
SUMMARY TOTAL FOR SR 85, 1 LINE ITEMS						\$0	\$5,300	\$0	\$0	\$0	\$5,300
<b>SR 101L, AGUA FRIA</b>											
<b>75th AVE - I-17</b>											
8894	342	101 L	12	Predesign and Environmental	RARF	\$0	\$0	\$0	\$1,200	\$0	
There is 1 Line Item for this Location						\$0	\$0	\$0	\$1,200	\$0	\$1,200
<b>I-10 PAPAGO - US 60 GRAND AVE</b>											
9156	342	101 L	0	Pre-Design for General Purpose Lane	RARF	\$0	\$0	\$0	\$0	\$3,800	
There is 1 Line Item for this Location						\$0	\$0	\$0	\$0	\$3,800	\$3,800
SUMMARY TOTAL FOR SR 101L, AGUA FRIA, 2 LINE ITEMS						\$0	\$0	\$0	\$1,200	\$3,800	\$5,000

# Regional Transportation Plan Freeway Program, Life Cycle Construction Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>SR 101L, PIMA</b>											
<b>I-17 - PRINCESS DR</b>											
9157	335	101	L	23	Design Build	NHPP	\$0	\$125,000	\$0	\$0	\$0
9157					Design Build	RARF	\$0	\$18,775	\$0	\$0	\$0
There are 2 Line Items for this Location							\$0	\$143,775	\$0	\$0	\$0
<b>PIMA RD EXTENSION, JPA</b>											
81198	342	101	L	48	Design Roadway	RARF	\$0	\$297	\$0	\$0	\$0
80899					Construct Roadway	RARF	\$0	\$0	\$3,634	\$0	\$0
There are 2 Line Items for this Location							\$0	\$297	\$3,634	\$0	\$0
<b>PRINCESS DR - SHEA BLVD</b>											
7789	342	101	L	36	Construct General Purpose Lane	NHPP	\$0	\$0	\$53,700	\$0	\$0
7789					Construct General Purpose Lane	RARF	\$0	\$0	\$3,300	\$0	\$0
There are 2 Line Items for this Location							\$0	\$0	\$57,000	\$0	\$0
SUMMARY TOTAL FOR SR 101L, PIMA, 6 LINE ITEMS							\$0	\$144,072	\$60,634	\$0	\$0
<b>SR 101L, PRICE</b>											
<b>US 60 (SUPERSTITION) - SR 202L (SANTAN)</b>											
7795	342	101	L	55	Design General Purpose Lane	RARF	\$4,300	\$0	\$0	\$0	\$0
7795					Predesign and Environmental	RARF	\$330	\$0	\$0	\$0	\$0
7795					Construction General Purpose Lane	RARF	\$0	\$39,600	\$0	\$0	\$0
There are 3 Line Items for this Location							\$4,630	\$39,600	\$0	\$0	\$0
SUMMARY TOTAL FOR SR 101L, PRICE, 3 LINE ITEMS							\$4,630	\$39,600	\$0	\$0	\$0
<b>SR 202L, RED MOUNTAIN</b>											
<b>BROADWAY RD - US 60</b>											
8492	342	202	L	29	Design HOV Lanes	RARF	\$0	\$0	\$0	\$400	\$0
8492					Construct HOV Lanes	RARF	\$0	\$0	\$0	\$0	\$5,250
There are 2 Line Items for this Location							\$0	\$0	\$0	\$400	\$5,250
SUMMARY TOTAL FOR SR 202L, RED MOUNTAIN, 2 LINE ITEMS							\$0	\$0	\$0	\$400	\$5,250

# Regional Transportation Plan Freeway Program, Life Cycle Construction Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary	
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022		
<b>SR 202L, SANTAN</b>												
<b>GILBERT RD - I-10</b>												
8898	342	202	L	44	Design General Purpose Lane	RARF	\$0	\$0	\$0	\$0	\$6,000	
There is 1 Line Item for this Location							\$0	\$0	\$0	\$0	\$6,000	\$6,000
<b>LINDSAY RD TI</b>												
8896	332	202	L	43	Design TI	RARF	\$0	\$0	\$1,500	\$0	\$0	
8896					Right of Way and Utility	RARF	\$0	\$0	\$340	\$0	\$0	
8896					Construct TI	RARF	\$0	\$0	\$0	\$16,000	\$0	
There are 3 Line Items for this Location							\$0	\$0	\$1,840	\$16,000	\$0	\$17,840
<b>SR 24 - GILBERT RD</b>												
8897	342	202	L	36	Design HOV	RARF	\$0	\$0	\$0	\$3,000	\$0	
8897					Construct HOV	RARF	\$0	\$0	\$0	\$0	\$29,000	
There are 2 Line Items for this Location							\$0	\$0	\$0	\$3,000	\$29,000	\$32,000
<b>SUMMARY TOTAL FOR SR 202L, SANTAN, 6 LINE ITEMS</b>							<b>\$0</b>	<b>\$0</b>	<b>\$1,840</b>	<b>\$19,000</b>	<b>\$35,000</b>	<b>\$55,840</b>
<b>SR 202L, SOUTH MOUNTAIN</b>												
<b>I-10 MARICOPA, MP 54 - I-10 PAPAGO, MP 76</b>												
5825	342	202	L	54	Conversion for Advanced Design, Construction, Maintain.	RARF	\$239,331	\$0	\$0	\$0	\$0	
5825					Conversion for Advanced Design, Construction, Maintain.	NHPP	\$146,335	\$0	\$0	\$0	\$0	
5825					Conversion for Advanced Preliminary Engineering	RARF	\$2,491	\$0	\$0	\$0	\$0	
5825					Conversion for Advanced Design, Construction, Maintain.	RARF	\$0	\$50,242	\$0	\$0	\$0	
5825					Conversion for Advanced Design, Construction, Maintain.	NHPP	\$0	\$4,247	\$0	\$0	\$0	
5825					Public Private Partnership Maintenance	RARF	\$0	\$0	\$0	\$0	\$6,070	
There are 6 Line Items for this Location							\$388,157	\$54,489	\$0	\$0	\$6,070	\$448,716
<b>SUMMARY TOTAL FOR SR 202L, SOUTH MOUNTAIN, 6 LINE ITEMS</b>							<b>\$388,157</b>	<b>\$54,489</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,070</b>	<b>\$448,716</b>

# Regional Transportation Plan Freeway Program, Life Cycle Construction Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location		Funding	Dollars in Thousands (\$000)					
				Type Of Work			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Summary
<b>SR 303L, BOB STUMP MEMORIAL</b>												
<b>HAPPY VALLEY PARKWAY - LAKE PLEASANT PARKWAY</b>												
8900	342	303 L	25	Design	General Purpose Lane	RARF	\$4,400	\$0	\$0	\$0	\$0	
8900				Construct	General Purpose Lane	RARF	\$0	\$36,200	\$0	\$0	\$0	
There are 2 Line Items for this Location							\$4,400	\$36,200	\$0	\$0	\$0	\$40,600
<b>I-10 - NORTHERN AVE</b>												
40918	335	303 L	104	Construct	FMS	CMAQ	\$3,923	\$0	\$0	\$0	\$0	
40918				Construct	FMS	RARF	\$237	\$0	\$0	\$0	\$0	
There are 2 Line Items for this Location							\$4,160	\$0	\$0	\$0	\$0	\$4,160
<b>I-10 / SR 303L TI, PHASE II</b>												
3378	152	303 L	103	Construct	Landscape	RARF	\$5,000	\$0	\$0	\$0	\$0	
There is 1 Line Item for this Location							\$5,000	\$0	\$0	\$0	\$0	\$5,000
<b>LAKE PLEASANT RD - I-17</b>												
43319	335	303 L	131	Construct	FMS	CMAQ	\$0	\$4,340	\$0	\$0	\$0	
43319				Construct	FMS	RARF	\$0	\$262	\$0	\$0	\$0	
There are 2 Line Items for this Location							\$0	\$4,602	\$0	\$0	\$0	\$4,602
<b>MC 85 - VAN BUREN ST</b>												
8899	211	303 L	0	Design	Roadway	RARF	\$0	\$15,000	\$0	\$0	\$0	
8899				Right of Way and Utility		RARF	\$0	\$10,700	\$0	\$0	\$0	
8899	342			Construct	Roadway	RARF	\$0	\$0	\$0	\$93,800	\$0	
There are 3 Line Items for this Location							\$0	\$25,700	\$0	\$93,800	\$0	\$119,500
<b>NORTHERN AVE - CLEARVIEW BLVD</b>												
43219	335	303 L	110	Construct	FMS	CMAQ	\$0	\$4,340	\$0	\$0	\$0	
43219				Construct	FMS	RARF	\$0	\$262	\$0	\$0	\$0	
There are 2 Line Items for this Location							\$0	\$4,602	\$0	\$0	\$0	\$4,602
<b>NORTHERN AVE / OLIVE AVE TI</b>												
8901	332	303 L	10	Right of Way for TI		RARF	\$0	\$0	\$600	\$0	\$0	
8901	342			Predesign and Environmental		RARF	\$0	\$0	\$0	\$150	\$0	
There are 2 Line Items for this Location							\$0	\$0	\$600	\$150	\$0	\$750
<b>SUMMARY TOTAL FOR SR 303L, BOB STUMP MEMORIAL, 14 LINE ITEMS</b>							<b>\$13,560</b>	<b>\$71,104</b>	<b>\$600</b>	<b>\$93,950</b>	<b>\$0</b>	<b>\$179,214</b>
<b>RTP FREEWAY PROGRAM, LIFE CYCLE CONSTRUCTION PROGRAM, 108 LINE ITEMS</b>							<b>\$596,007</b>	<b>\$496,735</b>	<b>\$348,898</b>	<b>\$740,000</b>	<b>\$347,920</b>	<b>\$2,529,560</b>

# Regional Transportation Plan Freeway Program, Life Cycle Construction Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>SYSTEMWIDE</b>											
<b>MAG REGIONWIDE, Administration Position for DPS Officer to Co-locate at the ADOT TOC</b>											
5668/X	329				NHPP	\$213	\$0	\$0	\$0	\$0	
5668/X					RARF	\$212	\$0	\$0	\$0	\$0	
There are 2 line items for Administration Position for DPS Officer to Co-locate at the ADOT TOC						\$425	\$0	\$0	\$0	\$0	\$425
<b>MAG REGIONWIDE, Design Change Orders</b>											
42418/D	211				RARF	\$2,500	\$0	\$0	\$0	\$0	
42419/D					RARF	\$0	\$2,500	\$0	\$0	\$0	
42420/D					RARF	\$0	\$0	\$2,500	\$0	\$0	
4272/D					RARF	\$0	\$0	\$0	\$2,500	\$0	
4272/D					RARF	\$0	\$0	\$0	\$0	\$2,500	
There are 5 line items for Design Change Orders						\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$12,500
<b>MAG REGIONWIDE, FMS Rehabilitation Phase 4 (Design)</b>											
41020/D	213				CMAQ	\$0	\$0	\$508	\$0	\$0	
There are 1 line items for FMS Rehabilitation Phase 4 (Design)						\$0	\$0	\$508	\$0	\$0	\$508
<b>MAG REGIONWIDE, FMS Rehabilitation, Phase 3 (Construction)</b>											
41020/C	213				CMAQ	\$0	\$0	\$4,720	\$0	\$0	
There are 1 line items for FMS Rehabilitation, Phase 3 (Construction)						\$0	\$0	\$4,720	\$0	\$0	\$4,720
<b>MAG REGIONWIDE, Freeway Management System Preservation</b>											
43118/C	342				STATE	\$720	\$0	\$0	\$0	\$0	
43119/C					STATE	\$0	\$720	\$0	\$0	\$0	
43120/C					STATE	\$0	\$0	\$720	\$0	\$0	
3654/C					STATE	\$0	\$0	\$0	\$720	\$0	
3654/C					STATE	\$0	\$0	\$0	\$0	\$720	
There are 5 line items for Freeway Management System Preservation						\$720	\$720	\$720	\$720	\$720	\$3,600
<b>MAG REGIONWIDE, Freeway Management System Projects (Construction)</b>											
7827/C	342				CMAQ	\$0	\$0	\$0	\$8,380	\$0	
7827/C					CMAQ	\$0	\$0	\$0	\$0	\$6,280	
There are 2 line items for Freeway Management System Projects (Construction)						\$0	\$0	\$0	\$8,380	\$6,280	\$14,660
<b>MAG REGIONWIDE, Freeway Service Patrols</b>											
42018/X	345				STATE	\$1,000	\$0	\$0	\$0	\$0	
42019/X					STATE	\$0	\$1,000	\$0	\$0	\$0	
42020/X					STATE	\$0	\$0	\$1,000	\$0	\$0	
3655/X					STATE	\$0	\$0	\$0	\$1,000	\$0	
3655/X					STATE	\$0	\$0	\$0	\$0	\$1,000	
There are 5 line items for Freeway Service Patrols						\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000

# Regional Transportation Plan Freeway Program, Life Cycle Construction Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>SYSTEMWIDE</b>											
<b>MAG REGIONWIDE, Highway Maintenance (Landscape, Litter &amp; Sweep)</b>											
42918/X	166				RARF	\$13,300	\$0	\$0	\$0	\$0	
42919/X					RARF	\$0	\$13,500	\$0	\$0	\$0	
42920/X					RARF	\$0	\$0	\$13,700	\$0	\$0	
4275/X					RARF	\$0	\$0	\$0	\$13,900	\$0	
4275/X					RARF	\$0	\$0	\$0	\$0	\$14,100	
There are 5 line items for Highway Maintenance (Landscape, Litter & Sweep)						\$13,300	\$13,500	\$13,700	\$13,900	\$14,100	\$68,500
<b>MAG REGIONWIDE, Posting Travel Times on Dynamic Message Signs (DMS)</b>											
43420/X	335				STATE	\$0	\$0	\$170	\$0	\$0	
4243/X					STATE	\$0	\$0	\$0	\$170	\$0	
4243/X					STATE	\$0	\$0	\$0	\$0	\$170	
There are 3 line items for Posting Travel Times on Dynamic Message Signs (DMS)						\$0	\$0	\$170	\$170	\$170	\$510
<b>MAG REGIONWIDE, Preliminary Engineering (ADOT Staff)</b>											
42318/D	211				RARF	\$1,500	\$0	\$0	\$0	\$0	
42319/D					RARF	\$0	\$1,500	\$0	\$0	\$0	
42320/D					RARF	\$0	\$0	\$1,500	\$0	\$0	
42321/D					RARF	\$0	\$0	\$0	\$1,500	\$0	
4271/D					RARF	\$0	\$0	\$0	\$0	\$1,500	
There are 5 line items for Preliminary Engineering (ADOT Staff)						\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$7,500
<b>MAG REGIONWIDE, Preliminary Engineering (Management Consultants, 30% Plans Design)</b>											
42218/D	211				RARF	\$2,500	\$0	\$0	\$0	\$0	
42219/D					RARF	\$0	\$2,000	\$0	\$0	\$0	
42220/D					RARF	\$0	\$0	\$2,000	\$0	\$0	
3659/D					RARF	\$0	\$0	\$0	\$2,000	\$0	
3659/D					RARF	\$0	\$0	\$0	\$0	\$2,000	
There are 5 line items for Preliminary Engineering (Management Consultants, 30% Plans Design)						\$2,500	\$2,000	\$2,000	\$2,000	\$2,000	\$10,500
<b>MAG REGIONWIDE, Right-of-Way Advance Acquisition</b>											
42618/R	213				RARF	\$1,500	\$0	\$0	\$0	\$0	
42619/R					RARF	\$0	\$1,500	\$0	\$0	\$0	
42620/R					RARF	\$0	\$0	\$1,500	\$0	\$0	
3660/R					RARF	\$0	\$0	\$0	\$1,500	\$0	
3660/R					RARF	\$0	\$0	\$0	\$0	\$1,500	
There are 5 line items for Right-of-Way Advance Acquisition						\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$7,500

# Regional Transportation Plan Freeway Program, Life Cycle Construction Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>SYSTEMWIDE</b>											
<b>MAG REGIONWIDE, Right-of-Way Plans &amp; Titles</b>											
42718/R	213				RARF	\$900	\$0	\$0	\$0	\$0	
42719/R					RARF	\$0	\$900	\$0	\$0	\$0	
42720/R					RARF	\$0	\$0	\$900	\$0	\$0	
3661/R					RARF	\$0	\$0	\$0	\$900	\$0	
3661/R					RARF	\$0	\$0	\$0	\$0	\$900	
There are 5 line items for Right-Of-Way Plans & Titles						\$900	\$900	\$900	\$900	\$900	\$4,500
<b>MAG REGIONWIDE, Right-of-Way Property Management</b>											
42818/R	213				RARF	\$450	\$0	\$0	\$0	\$0	
42819/R					RARF	\$0	\$400	\$0	\$0	\$0	
42820/R					RARF	\$0	\$0	\$400	\$0	\$0	
3662/R					RARF	\$0	\$0	\$0	\$400	\$0	
3662/R					RARF	\$0	\$0	\$0	\$0	\$400	
There are 5 line items for Right-of-Way Property Management						\$450	\$400	\$400	\$400	\$400	\$2,050
<b>MAG REGIONWIDE, Risk Analysis Process</b>											
5697/X	227				RARF	\$65	\$0	\$0	\$0	\$0	
5697/X					RARF	\$0	\$65	\$0	\$0	\$0	
5697/X					RARF	\$0	\$0	\$70	\$0	\$0	
5697/X					RARF	\$0	\$0	\$0	\$70	\$0	
5697/X					RARF	\$0	\$0	\$0	\$0	\$75	
There are 5 line items for Risk Analysis Process						\$65	\$65	\$70	\$70	\$75	\$345
<b>MAG REGIONWIDE, Risk Management Indemnification</b>											
42518/X	227				RARF	\$2,300	\$0	\$0	\$0	\$0	
42519/X					RARF	\$0	\$2,300	\$0	\$0	\$0	
42520/X					RARF	\$0	\$0	\$2,300	\$0	\$0	
3663/X					RARF	\$0	\$0	\$0	\$2,300	\$0	
3663/X					RARF	\$0	\$0	\$0	\$0	\$2,300	
There are 5 line items for Risk Management Indemnification						\$2,300	\$2,300	\$2,300	\$2,300	\$2,300	\$11,500
<b>MAG REGIONWIDE, Signal, Ramp Meter, Connected, Automated Vehicle</b>											
41418/X	335				CMAQ	\$188	\$0	\$0	\$0	\$0	
41418/X					STATE	\$170	\$0	\$0	\$0	\$0	
43419/X					STATE	\$0	\$170	\$0	\$0	\$0	
There are 3 line items for Signal, Ramp Meter, Connected, Automated Vehicle						\$358	\$170	\$0	\$0	\$0	\$528
<b>SUMMARY TOTAL FOR SYSTEMWIDE, 67 LINE ITEMS</b>						<b>\$27,518</b>	<b>\$26,555</b>	<b>\$31,988</b>	<b>\$35,340</b>	<b>\$33,445</b>	<b>\$154,846</b>



# 2018-2022

## Five-Year Transportation Facilities Construction Program



*Pima County*





## **INTRODUCTION**

Pima County voters approved the half cent sales tax on May 16, 2006, at the same time they approved the 20-year, \$2.1 billion Regional Transportation Authority (RTA) plan. The RTA plan as outlined in the 2006 ballot includes roadway, safety, transit, and environmental and economic elements. The plan will be implemented over a 20-year period, ending in 2026.

Pima Association of Governments (PAG) is the federally designated metropolitan planning organization for Pima County with program areas that include regional transportation planning.

The Regional Transportation Authority (RTA), a regional governmental entity established in August 2004, developed a 20-year regional transportation plan approved by Pima County voters on May 16, 2006.

## **REVENUES AND FUNDS**

Regional funding (RTA Funds): Pima County has a half cent sales tax in place that funds projects outlined in the RTA plan. The RTA was passed in 2006 for 20 years.

PAG 12.6% and PAG 2.6%: “The PAG area receives annual funding from the HURF, which consists of fuel taxes, vehicle license taxes, registration fees and other sources. It is divided by statute among the Department of Public Safety (DPS), ADOT and counties, cities and towns. ADOT receives 50.5% of HURF after an initial distribution to DPS and other items are taken “off the top.” ADOT sets aside 12.6% of its distribution by state law, plus another 2.6% by State Transportation Board policy, in the Maricopa Association of Governments (MAG) and Pima Association of Governments (PAG) areas, of which 25% of each set aside is allocated to the PAG area. PAG 2.6% funds refer to funds that can only be used on state routes and highways. PAG 12.6% can be used for arterial roadways.”

ADOT 13% Funds: After the deduction of the 15% funds, ADOT’s share of HURF funds must pay for ADOT operations, maintenance and debt service on outstanding bonds. The remainder is then combined with ADOT’s share of federal highway funds and forms the basis for the ADOT highway construction program. This block of funds is often called the ADOT discretionary funds, of which a 13% share is reserved for highways in the PAG area.

Federal Funding: Federal funding available for transportation is set through authorization of federal legislation from Congress. Once a bill has been passed, the federal funding outlined in that bill is used as an estimate for future years of the program until a new bill is passed.

## **PUBLIC HEARINGS**

The five year FY 2018–2022 Program must be approved by both the ADOT State Transportation Board and the PAG Regional Council. For ADOT, the approval process included presentation to the State Transportation Board in February, followed by Public Hearings in Tucson on March 17, 2017, in Flagstaff on April 21, 2017, and in Phoenix on May 19, 2017, with final approval at the State Transportation Board meeting in Payson on June 16, 2017.

## **FY 2018 – 2022 PAG REGIONAL TRANSPORTATION HIGHWAY PROGRAM**

The following pages provide a listing of the PAG Regional Transportation Highway projects for the period FY 2018–2022.

It is important to note that the programming of projects as depicted in this document is on an obligation basis. This means that the full cost of each project is shown in the fiscal year in which the project is expected to go to bid. Actual flow of cash payments on the project extends for the duration of work activities, which may span several years. In addition, the bid date for a project programmed in a given fiscal year is scheduled to occur in a specific month within that fiscal year.

***Summary of Dollars***

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## Summary of Dollars by Route (Cost in Thousands)

		<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Total</b>
<b>PAG Regional Transportation Highway Program</b>	<b>I - 10</b>	\$38,250	\$28,446	\$88,300	\$88,035	\$89,495	\$332,526
	<b>I - 19</b>	\$10,000	\$20,000	\$0	\$4,000	\$6,000	\$40,000
	<b>SR - 77</b>	\$0	\$12,432	\$0	\$1,000	\$0	\$13,432
	<b>SR - 86</b>	\$10,000	\$0	\$0	\$0	\$0	\$10,000
	<b>SR - 210</b>	\$0	\$0	\$0	\$0	\$7,000	\$7,000
	<b>Total</b>	<b>\$58,250</b>	<b>\$60,878</b>	<b>\$88,300</b>	<b>\$93,035</b>	<b>\$102,495</b>	<b>\$402,958</b>
<b>Total</b>	<b>\$58,250</b>	<b>\$60,878</b>	<b>\$88,300</b>	<b>\$93,035</b>	<b>\$102,495</b>	<b>\$402,958</b>	

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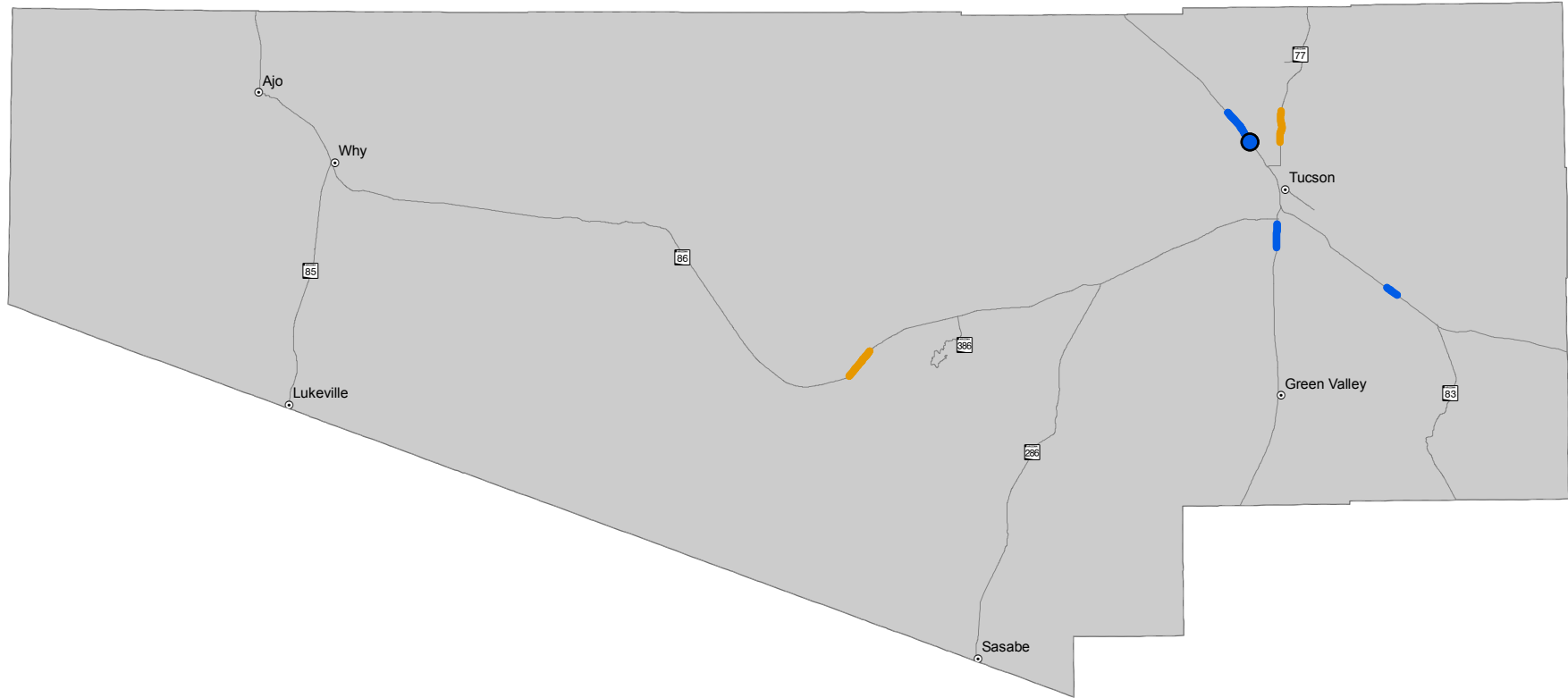
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***PAG Regional Transportation Highway Program***

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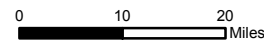
# Final 2018-2022 Five-Year Transportation Facilities Construction Program PAG Regional Transportation Highway Program



## Projects

- |   |   |
|---|---|
| <span style="color: blue;">●</span> Expansion       | <span style="color: blue;">—</span> Expansion       |
| <span style="color: orange;">●</span> Modernization | <span style="color: orange;">—</span> Modernization |
| <span style="color: purple;">●</span> Preservation  | <span style="color: purple;">—</span> Preservation  |

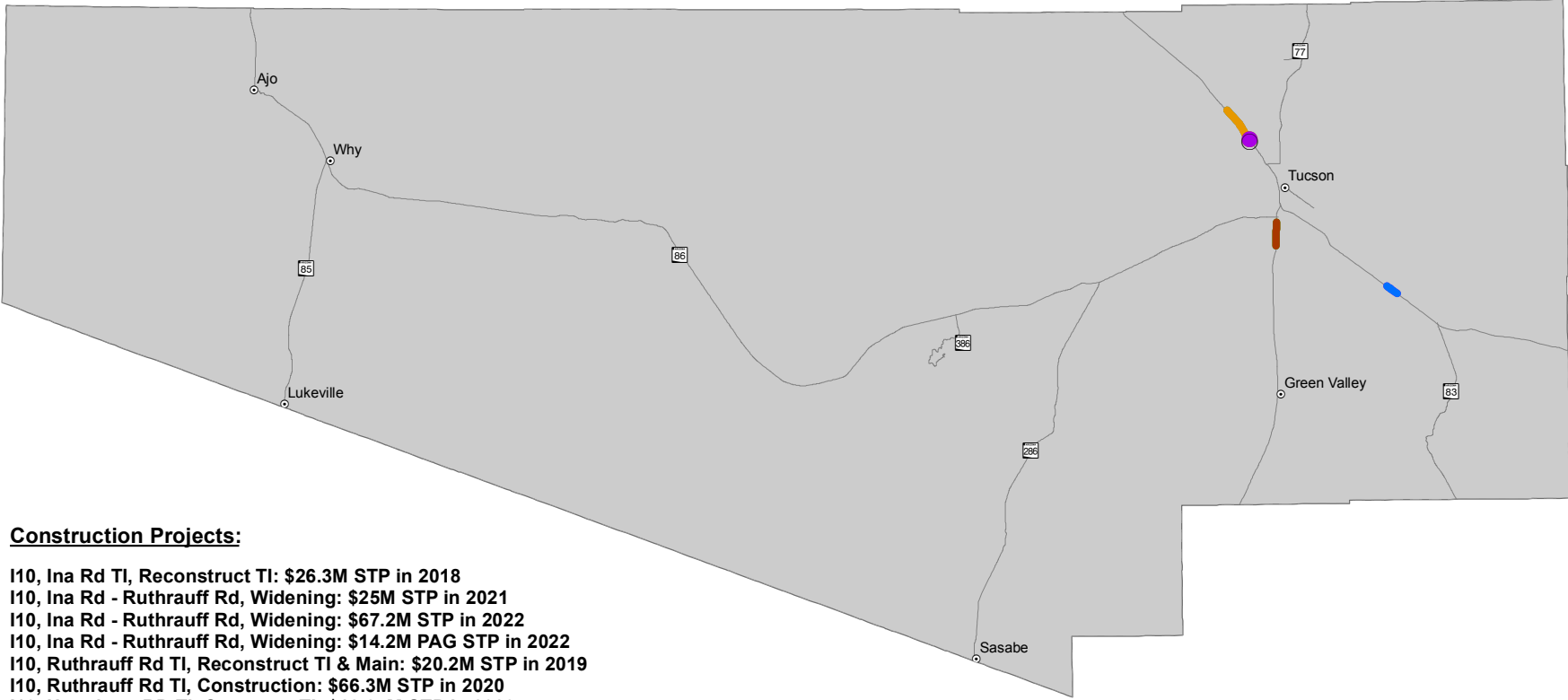
- Cities and Towns
- State Highway System
- County Boundary
- PAG Boundary



**Note:**  
The State of Arizona makes no claims concerning the accuracy of this map nor assumes any liability resulting from the use of the information herein.

Prepared by:  
Arizona Department of Transportation  
Multimodal Planning Division  
Transportation Analysis GIS Section  
602.712.7333 January 2017

# Final 2018-2022 Five-Year Transportation Facilities Construction Program PAG Regional Transportation Highway Program Expansion Projects

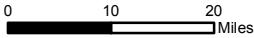


**Construction Projects:**

- I10, Ina Rd TI, Reconstruct TI: \$26.3M STP in 2018
- I10, Ina Rd - Ruthrauff Rd, Widening: \$25M STP in 2021
- I10, Ina Rd - Ruthrauff Rd, Widening: \$67.2M STP in 2022
- I10, Ina Rd - Ruthrauff Rd, Widening: \$14.2M PAG STP in 2022
- I10, Ruthrauff Rd TI, Reconstruct TI & Main: \$20.2M STP in 2019
- I10, Ruthrauff Rd TI, Construction: \$66.3M STP in 2020
- I10, Houghton RD TI, Construct TI: \$18.25M STP in 2020
- I10, Houghton RD TI, Construct TI: \$21.1M STP in 2021
- I19, Ajo Way TI: \$10M STP in 2018
- I19, Ajo Way TI: \$20M STP in 2019

**Projects**

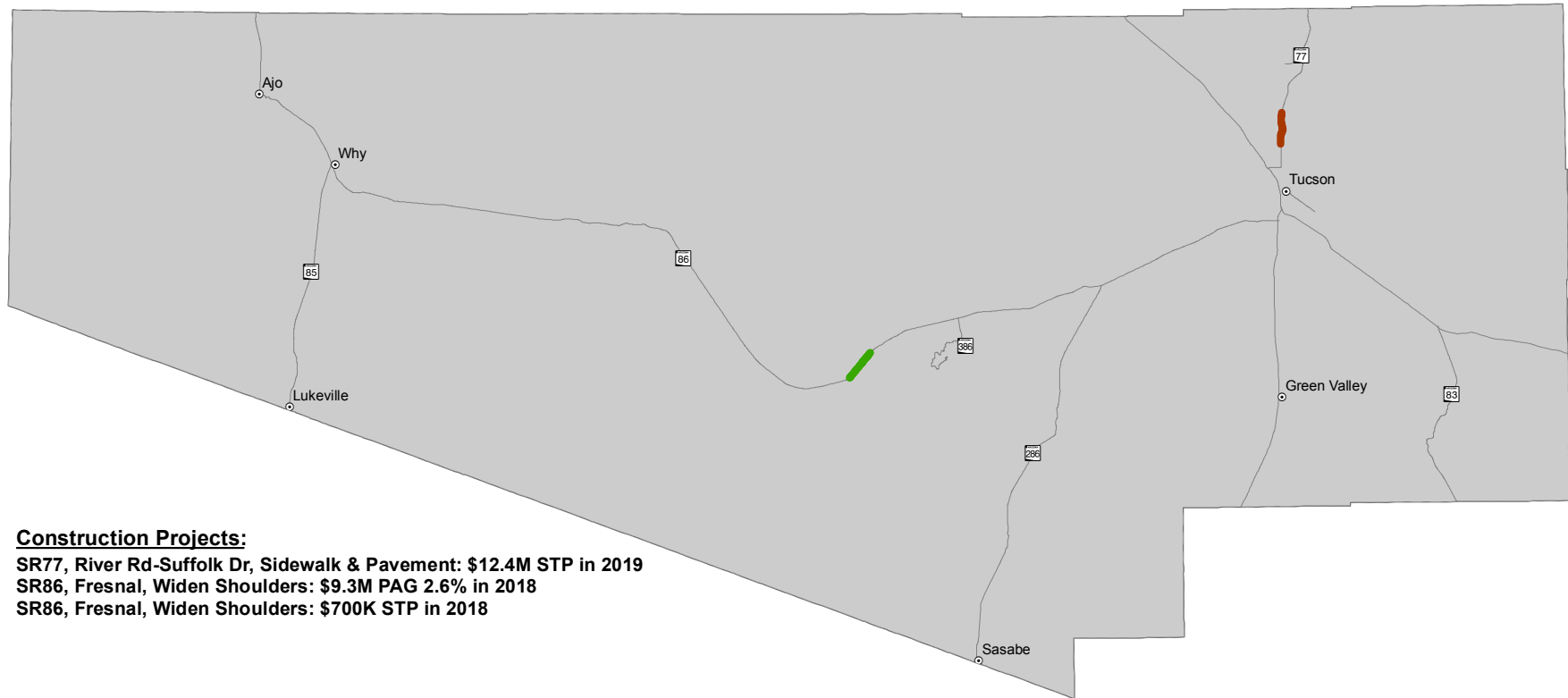
- 2018
- 2019
- 2020
- 2021
- 2022
- 2019
- 2020
- Cities and Towns
- State Highway System
- County Boundary
- PAG Boundary



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Prepared by:  
Arizona Department of Transportation  
Multimodal Planning Division  
Transportation Analysis GIS Section  
602.712.7333 January 2017

# Final 2018-2022 Five-Year Transportation Facilities Construction Program PAG Regional Transportation Highway Program Modernization Projects

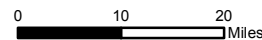


**Construction Projects:**

SR77, River Rd-Suffolk Dr, Sidewalk & Pavement: \$12.4M STP in 2019  
 SR86, Fresnal, Widen Shoulders: \$9.3M PAG 2.6% in 2018  
 SR86, Fresnal, Widen Shoulders: \$700K STP in 2018

**Projects**

- 2018
- 2019
- Cities and Towns
- State Highway System
- County Boundary
- PAG Boundary



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Prepared by:  
 Arizona Department of Transportation  
 Multimodal Planning Division  
 Transportation Analysis GIS Section  
 602.712.7333 January 2017

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# PAG Regional Transportation Highway Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location		Funding	Dollars in Thousands (\$000)				
				Type Of Work			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
<b>I - 10</b>											
<b>COUNTRY CLUB ROAD TI</b>											
3964	312	10	264	Scoping and Design of Traffic Interchange		STP	\$0	\$0	\$0	\$0	\$8,000
There is 1 Line Item for this Location							\$0	\$0	\$0	\$0	\$8,000
<b>HOUGHTON ROAD TI</b>											
10119	332	10	275	Construction of Traffic Interchange		STP	\$0	\$0	\$18,250	\$0	\$0
10119				Construction of Traffic Interchange		STP	\$0	\$0	\$0	\$21,109	\$0
There are 2 Line Items for this Location							\$0	\$0	\$18,250	\$21,109	\$0
<b>INA RD - RUTHRAUFF RD</b>											
8915	342	10	248	Design Widening		STP	\$0	\$0	\$3,704	\$0	\$0
8915				Design Widening		STP	\$0	\$0	\$0	\$10,245	\$0
8915				Design Widening		PAG STP	\$0	\$0	\$0	\$8,681	\$0
8915				Construct Widening		STP	\$0	\$0	\$0	\$25,000	\$0
8915				Construct Widening		STP	\$0	\$0	\$0	\$0	\$67,230
8915				Construct Widening		PAG STP	\$0	\$0	\$0	\$0	\$14,265
8915				Right of Way, Utility and Environmental		STP	\$0	\$0	\$0	\$15,000	\$0
There are 7 Line Items for this Location							\$0	\$0	\$3,704	\$58,926	\$81,495
<b>INA RD TI</b>											
10208	342	10	248	Reconstruct TI & Mainline		STP	\$26,309	\$0	\$0	\$0	\$0
There is 1 Line Item for this Location							\$26,309	\$0	\$0	\$0	\$0
<b>KINO PARKWAY TI</b>											
3871	332	10	263	Design Traffic Interchange		STP	\$0	\$0	\$0	\$8,000	\$0
There is 1 Line Item for this Location							\$0	\$0	\$0	\$8,000	\$0
<b>RUTHRAUFF RD TI</b>											
11417	342	10	252	Right-of-Way, Utility & Environmental		STP	\$0	\$6,559	\$0	\$0	\$0
11417				Reconstruct TI		PAG 2.6%	\$0	\$1,700	\$0	\$0	\$0
10015				Reconstruct TI & Mainline		STP	\$0	\$20,187	\$0	\$0	\$0
11417				Reconstruct TI		STP	\$0	\$0	\$66,346	\$0	\$0
11417				Right-of-Way, Utility & Environmental		PAG 2.6%	\$4,009	\$0	\$0	\$0	\$0
11417				Right of Way, Utility and Environmental		STP	\$5,932	\$0	\$0	\$0	\$0
There are 6 Line Items for this Location							\$9,941	\$28,446	\$66,346	\$0	\$0

# PAG Regional Transportation Highway Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>I - 10</b>											
<b>WILMOT RD, KOLB RD, RITA RD AND VAIL RD TI</b>											
5688	312	10	269	Construct Signals at Ramps on Four Tis	STP	\$2,000	\$0	\$0	\$0	\$0	
There is 1 Line Item for this Location						\$2,000	\$0	\$0	\$0	\$0	
Summary Total for I - 10, 19 line items						\$38,250	\$28,446	\$88,300	\$88,035	\$89,495	\$332,526
<b>I - 19</b>											
<b>AJO WAY TI (JCT SR 86), PHASE 2</b>											
10218	342	19	59	Reconstruct TI	STP	\$10,000	\$0	\$0	\$0	\$0	
10218				Reconstruct TI	STP	\$0	\$20,000	\$0	\$0	\$0	
There are 2 Line Items for this Location						\$10,000	\$20,000	\$0	\$0	\$0	
<b>IRVINGTON RD TI</b>											
10019	332	19	61	Design TI	PAG 2.6%	\$0	\$0	\$0	\$4,000	\$0	
5691				Environmental, Right of Way, and Utility Work for Traffic Interchange	STP	\$0	\$0	\$0	\$0	\$6,000	
There are 2 Line Items for this Location						\$0	\$0	\$0	\$4,000	\$6,000	
Summary Total for I - 19, 4 line items						\$10,000	\$20,000	\$0	\$4,000	\$6,000	\$40,000
<b>SR - 77</b>											
<b>I-10 TO RIVER</b>											
7790	336	77	68	Scoping and Design of Sidewalk	PAG 2.6%	\$0	\$0	\$0	\$1,000	\$0	
There is 1 Line Item for this Location						\$0	\$0	\$0	\$1,000	\$0	
<b>RIVER RD - SUFFOLK DR</b>											
5689	336	77	72	Construct Sidewalk and Pavement Preservation	STP	\$0	\$12,432	\$0	\$0	\$0	
There is 1 Line Item for this Location						\$0	\$12,432	\$0	\$0	\$0	
Summary Total for SR - 77, 2 line items						\$0	\$12,432	\$0	\$1,000	\$0	\$13,432
<b>SR - 86</b>											
<b>FRESNAL - MP 123.9</b>											
10418	342	86	120	Widen Shoulders & Culvert Extensions	STP	\$700	\$0	\$0	\$0	\$0	
20514			121	Widen Shoulders & Culvert Extensions	PAG 2.6%	\$9,300	\$0	\$0	\$0	\$0	
There are 2 Line Items for this Location						\$10,000	\$0	\$0	\$0	\$0	
Summary Total for SR - 86, 2 line items						\$10,000	\$0	\$0	\$0	\$0	\$10,000
<b>SR - 210</b>											

# PAG Regional Transportation Highway Program, Fiscal Years 2018-2022

Item#	RESid	Route	BMP	Location Type Of Work	Funding	Dollars in Thousands (\$000)					Summary
						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>SR - 210</b>											
<b>I-10 / SR 210 TI</b>											
8917	342	210		Design and Right of Way for TI	PAG RTA	\$0	\$0	\$0	\$0	\$7,000	
There is 1 Line Item for this Location						\$0	\$0	\$0	\$0	\$7,000	
Summary Total for SR - 210, 1 line items						\$0	\$0	\$0	\$0	\$7,000	\$7,000
PAG Regional Transportation Highway Program, 28 line items						\$58,250	\$60,878	\$88,300	\$93,035	\$102,495	



# 2018 - 2022

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>

Aeronautics 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 programs of airport development assistance. The State Transportation Board approves this distribution annually. The five programs are:

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

This ADOT program will provide to a qualified airport sponsor half of its local share of an FAA grant which has been issued directly to the sponsor. Typically, these FAA grants are for 91.06% of a project's eligible cost. This would leave a state share of 4.47% if approved. ADOT will provide a separate Airport Development Grant directly to the same sponsor with validation of receiving an FAA grant. Projects utilizing FSL funds include: Airport design, construction, safety, security, capacity enhancement, equipment, maintenance, environmental, planning, and land acquisition.

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

This program provides Airport Development Funds to airport sponsors without FAA funding. These grants are usually for 90% of the project's eligible cost. 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. Projects utilizing SL funds include: design, construction, safety, security, capacity enhancement, environmental, planning and land acquisition.

**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) methodology. Based on these results, ADOT conducts the design and construction administration at no cost to the sponsor while the sponsor is responsible for only 10% of the construction cost.

#### **4) Airport Loan Program**

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 like construction of new fuel farms, aircraft “T-hangars” and large aviation business hangars as well as other aviation needs on an airport.

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

ADOT performs state-wide system studies and projects. These projects are funded with both state funds only or with Grants from the FAA. These 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.

This ACIP shows all the requests of fifty-four public airports and nearly 400 projects for consideration by both the FAA and ADOT. Their total project costs over the next five years are approximately \$973M. These projects represent all Federal/State/Local and all State/Local funding desires on the part of the airport sponsors. This is over \$100 million less than the level of requests from the FY 2017 program.

This ACIP shows all 323 requests for FAA consideration (see Appendix A) amounting to nearly \$946M. The State’s FSL program is designed to provide half of a sponsor’s share of a federally funded project. FAA will typically pay 91.06% of a project’s cost. Sponsor obligations FY 2018 will be 8.94% of a projects total cost, making the state’s participation 4.47%. Four communities (Kingman, Page, Show Low and Prescott) are eligible for 95% and one, Phoenix Sky Harbor, will receive 75% from the FAA. These translate to local shares of 5% or 25% making the State’s potential share of 2.5% or 12.5% respectively.

FAA evaluates and issues grants independently from ADOT. ADOT does not participate in the decision process regarding FAA grants. Over the last ten years, FAA has issued annual grant funds ranging from as low as \$40M in FY 2014 to a high of \$95.5M in FY2009. Last year, FY 2016, FAA issued \$41M in grants to public airport sponsors in the state of Arizona. The ten-year average is \$70.9M. As such, ADOT recommends a set aside of funds that ensure funding is available only when a sponsor receives an FAA grant. This amount is recommended to be \$3.5M per year, or a five year total of \$17.5M.

One hundred seventy-eight requests for State/Local grants for \$123.2M were received. These requests for SL grants were evaluated using the State Transportation Board’s prioritization process. Throughout FY2017 grant reimbursement

payments to airports were deferred. The State/Local Grants program is suspended in FY 2018 to ensure that the list of deferred reimbursements can be paid and reimbursement payments made current before obligating more funds. Therefore, ADOT Aeronautics recommends no FY 2018-2020 projects for approval.

The maximum total State grant funds to any one airport per fiscal year cannot exceed 10% of the previous three years' average revenue into the State Aviation Fund. This maximum applies only to Federal/State/Local plus State/Local grant funds. For fiscal year 2018 the maximum grant funding is \$2.1M per airport.

ADOT's Airport Development Program includes an Airport Pavement Maintenance System (APMS) statewide. The APMS program is suspended until at least FY2019. At that time, the Triennial Pavement Condition Study will be complete, a new list of projects developed, and the funding will be raised to \$5M per year. No APMS projects are shown in this plan because the Triennial Planning Study that creates the new project list is on-going.

Statewide System Planning and Services which includes all design and construction management services for the APMS Program are funded by both Federal and State monies. This program is also suspended until further notice. Aeronautics staff is working to develop a new five-year statewide planning program with the FAA.

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. Not all eligible airports have requested project funding in this plan.

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# **ACIP 2018-2022 Acronyms**

A/C	Advisory Circular (FAA)	INTL	International
ACP	Asphalt Cement Pavement	lb/lbs	Pound/pounds
ADG	Aircraft Design Group	LED	Light Emitting Diode
ALP	Airport Layout Plan	lf	Linear Feet
AOA	Airport Operations Area	LPV	Lateral Precision with Vertical guidance
Apron	Aircraft Parking Area	MALSR	Medium-Intensity Approach Lighting System with Runway Alignment Indicator Lights
APMS	Airport Pavement Management System	MAP	Military Airport Program
APN	Assessor's Parcel Number	MIRL	Medium Intensity Runway Lights
ARC	Airport Reference Code	misc.	Miscellaneous
ARFF	Aircraft Rescue and Fire Fighting	MITL	Medium Intensity Taxiway Lights
ASLD	Arizona State Land Department	NAVAID	Navigational Aid
ASOS	Automated Surface Observation System	NEPA	National Environmental Policy Act
ASR	Airport Surveillance Radar	NOTAM	Notice to Airmen
ASV	Annual Service Volume	OFA	Object Free Area
ATCT	Air Traffic Control Tower	PAPI	Precision Approach Path Indicator
AWOS	Automated Weather Observation System	PCC	Portland Cement Concrete
BLM	Bureau of Land Management	PCI	Pavement Condition Index
BRL	Building Restriction Line	PFC	Porous Friction Course
CatEx	Categorical Exclusion	REIL	Runway End Identifier Lights
CERT	Certification	RGL	Runway Guard Light
DNL or LDN	Day/Night Equivalent Sound Level	ROD	Record of Decision
DWL	Dual Wheel Load	ROFA	Runway Obstacle Free Area
EA	Environmental Assessment	RSA	Runway Safety Area
EIS	Environmental Impact Statement	RSAT	Runway Safety Action Team
EMAS	Engineered Materials Arresting System	RPZ	Runway Protection Zone
FAA	Federal Aviation Administration	RVZ	Runway Visibility Zone
FBO	Fixed Base Operator	Rwy	Runway
FOD	Foreign Object Debris	SASP	State Airports System Plan
FONSI	Finding of No Significant Impact	sf	Square Feet
FAR	Federal Aviation Regulation	SRE	Snow Removal Equipment
FEMA	Federal Emergency Management Agency	SWPPP	Stormwater Pollution Prevention Plan
ft	Feet	sy	Square Yards
GA	General Aviation	TSA	Transportation Security Administration
GPS	Global Positioning System	Twy	Taxiway
HIRL	High Intensity Runway Lights		
ILS	Instrument Landing System		

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**ADOT Multimodal Planning Division - Aeronautics Group**  
**Summary of Airport Development Program Dollars**

**Program Year 2018**

<b>Aeronautics Program/Fiscal Year</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
<b>FAA Match Set-Aside (FSL)</b>	<b>\$ 3,500,000</b>	<b>\$ 3,500,000</b>	<b>\$ 3,500,000</b>	<b>\$ 3,500,000</b>	<b>\$ 3,500,000</b>
<b>State Funded Development Grants (SL)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,146,660</b>	<b>\$ 9,164,850</b>
<b>Airport Pavement Maintenance System (APMS)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Statewide Planning and Services (S)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 35,760</b>	<b>\$ 89,758</b>
<b>Airport Development Loans (L)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total 5-Year Funded Program</b>	<b>\$ 3,500,000</b>	<b>\$ 3,500,000</b>	<b>\$ 3,500,000</b>	<b>\$ 13,682,420</b>	<b>\$ 12,754,608</b>

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<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>AERONAUTICS - MARICOPA</b>						
2021	Planning:<Conduct/Update> State System Plan Study	Update of Economic data	\$35,760.00	\$0.00	\$364,240.00	\$400,000.00
2022	Planning:<Conduct/Update> State System Plan Study	Statewide Aviation System Plan Update	\$89,758.00	\$0.00	\$914,242.00	\$1,004,000.00
<b>Airport Total:</b>			<b>\$125,518.00</b>	<b>\$0.00</b>	<b>\$1,278,482.00</b>	<b>\$1,404,000.00</b>
<b>BAGDAD - YAVAPAI</b>						
2022	Weather Reporting Equipment, Install (New)	Install segmented circle	\$71,250.00	\$3,750.00	\$0.00	\$75,000.00
<b>Airport Total:</b>			<b>\$71,250.00</b>	<b>\$3,750.00</b>	<b>\$0.00</b>	<b>\$75,000.00</b>
<b>COTTONWOOD - YAVAPAI</b>						
2021	Perimeter Fencing - Barbed Wire, Install (New)	Design & Constr. security sencing (approximately 1,500 LF)	\$135,000.00	\$15,000.00	\$0.00	\$150,000.00
<b>Airport Total:</b>			<b>\$135,000.00</b>	<b>\$15,000.00</b>	<b>\$0.00</b>	<b>\$150,000.00</b>
<b>ERNEST A. LOVE FIELD - YAVAPAI</b>						
2021	Land For Development, Acquire	Acquisition of 138 acres for Rwy 21L extension to 10,570 ft (138 acres of APN 103-01-021G)	\$315,000.00	\$35,000.00	\$0.00	\$350,000.00
2021	Runway, Construct	Conduct an environmental assessment for the future realignment of Runway 12-30 and future safety area improvements. (8.4 ac: APNs 102-04-001A, 102-03-008, 102-06-001, and 102-06-006)	\$315,000.00	\$35,000.00	\$0.00	\$350,000.00
2022	Runway, Extend	Design Rwy 12/30 shift (approx. 150 ft NW), Rwy/Twy shoulders, realigning Twy F west of Twy C, drainage improvements between Twy F and Rwy 12/30 in the RSA, electrical lighting and signage and VISAIDS.	\$810,000.00	\$90,000.00	\$0.00	\$900,000.00
2022	Runway, Construct	Design Rwy 12/30 shift (approx. 150 ft), Rwy/Twy shoulders, connector TWs, realigning Twy F west of Twy C, drainage improvements between Twy F and Rwy 12/30 in the RSA, upgrade of the electrical infrastructure, lights, signs, and VISAIDS.	\$585,000.00	\$65,000.00	\$0.00	\$650,000.00
<b>Airport Total:</b>			<b>\$2,025,000.00</b>	<b>\$225,000.00</b>	<b>\$0.00</b>	<b>\$2,250,000.00</b>
<b>H.A. CLARK MEMORIAL FIELD - COCONINO</b>						
2022	Apron, Construct (New)	Construct GA Apron Ph.1 (approx. 4,000 sy including relocation of helipads).	\$675,000.00	\$75,000.00	\$0.00	\$750,000.00
<b>Airport Total:</b>			<b>\$675,000.00</b>	<b>\$75,000.00</b>	<b>\$0.00</b>	<b>\$750,000.00</b>
<b>LAUGHLIN/BULLHEAD INTL - MOHAVE</b>						
2021	Apron, Construct (New)	Constr. of new apron/taxilane (3,500 sy) south and west of the FBO (115 ft x 275 ft)	\$360,000.00	\$40,000.00	\$0.00	\$400,000.00
2022	Airport Buildings, Construct	Install a wash rack on the east side of the GA Apron.	\$112,500.00	\$12,500.00	\$0.00	\$125,000.00
<b>Airport Total:</b>			<b>\$472,500.00</b>	<b>\$52,500.00</b>	<b>\$0.00</b>	<b>\$525,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>NOGALES INTL - SANTA CRUZ</b>						
2021	Obstructions, Light/Mark/Remove (Safety Areas)	Obstruction Removal along the south side of the airport.	\$45,000.00	\$5,000.00	\$0.00	\$50,000.00
2022	Obstructions, Light/Mark/Remove (Safety Areas)	Obstruction removal along the south side of the airport	\$90,000.00	\$10,000.00	\$0.00	\$100,000.00
<b>Airport Total:</b>			<b>\$135,000.00</b>	<b>\$15,000.00</b>	<b>\$0.00</b>	<b>\$150,000.00</b>
<b>PHOENIX DEER VALLEY - MARICOPA</b>						
2021	Runway, Rehabilitate	Improve Rwy Shoulders for both Rwys	\$990,000.00	\$110,000.00	\$0.00	\$1,100,000.00
2021	Taxiway, Rehabilitate	Improve Twy C Shoulders	\$506,700.00	\$56,300.00	\$0.00	\$563,000.00
2022	Apron, Construct (New)	Expand Tie-Downs - Phase I (approx. 20,000 sy)	\$2,100,000.00	\$400,000.00	\$0.00	\$2,500,000.00
<b>Airport Total:</b>			<b>\$3,596,700.00</b>	<b>\$566,300.00</b>	<b>\$0.00</b>	<b>\$4,163,000.00</b>
<b>PHOENIX GOODYEAR - MARICOPA</b>						
2021	Perimeter/Service Road, Rehabilitate	Recon. Airport Perimeter Roadway (approx. 24,800 ft x 23 ft) - Ph. II	\$1,536,300.00	\$170,700.00	\$0.00	\$1,707,000.00
2022	Perimeter/Service Road, Construct (New)	Constr. westside on-airport access road (approx. 860 ft x 16 ft) and utilities extension	\$2,100,000.00	\$400,000.00	\$0.00	\$2,500,000.00
2022	Auto Parking, Rehabilitate	Improve public parking areas at the airport (approx. 9,500 sy)	\$0.00	\$1,139,000.00	\$0.00	\$1,139,000.00
<b>Airport Total:</b>			<b>\$3,636,300.00</b>	<b>\$1,709,700.00</b>	<b>\$0.00</b>	<b>\$5,346,000.00</b>
<b>PHOENIX SKY HARBOR INTL - MARICOPA</b>						
2021	Airport Drainage, Improve	Upgrade airfield utility access points by raising utility vaults, pave adjacent infields and constr. new airfield sign bases and conduit at locations that meet airport design standards Ph. VII.	\$2,100,000.00	\$700,000.00	\$0.00	\$2,800,000.00
2022	Airport Drainage, Improve	Upgrade airfield utility access points by raising utility vaults, pave adjacent infields and constr. new airfield sign bases and conduit at locations that meet airport design standards Ph. 8.	\$2,100,000.00	\$700,000.00	\$0.00	\$2,800,000.00
<b>Airport Total:</b>			<b>\$4,200,000.00</b>	<b>\$1,400,000.00</b>	<b>\$0.00</b>	<b>\$5,600,000.00</b>
<b>PHOENIX-MESA GATEWAY - MARICOPA</b>						
2021	Taxiway, Rehabilitate	Twy W Design/Recon a section of Twy located north of Twy W/T intersection, approx. 22 ft x 405 ft. Project to address Edge lighting as required.	\$1,027,800.00	\$114,200.00	\$0.00	\$1,142,000.00
<b>Airport Total:</b>			<b>\$1,027,800.00</b>	<b>\$114,200.00</b>	<b>\$0.00</b>	<b>\$1,142,000.00</b>
<b>RYAN FIELD - PIMA</b>						
2021	Land For Protection (Safety Areas), Acquire	Land acquisition for RSA (79.8 acres) of crosswind runway.	\$715,860.00	\$79,540.00	\$0.00	\$795,400.00
<b>Airport Total:</b>			<b>\$715,860.00</b>	<b>\$79,540.00</b>	<b>\$0.00</b>	<b>\$795,400.00</b>
<b>SEDONA - YAVAPAI</b>						
2022	Apron, Construct (New)	Construct Apron B4 (150 ft x 50 ft) and B5 (170 ft x 60 ft) Extensions	\$521,100.00	\$57,900.00	\$0.00	\$579,000.00
<b>Airport Total:</b>			<b>\$521,100.00</b>	<b>\$57,900.00</b>	<b>\$0.00</b>	<b>\$579,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>WINSLOW-LINDBERGH RGNL - NAVAJO</b>						
2021	Runway, Rehabilitate	Construct Runway 11-29 Reconstruction (approximately 39,000 SY) - Phase 2	\$2,100,000.00	\$400,000.00	\$0.00	\$2,500,000.00
<b>Airport Total:</b>			<b>\$2,100,000.00</b>	<b>\$400,000.00</b>	<b>\$0.00</b>	<b>\$2,500,000.00</b>
<b>All funded S, SL, and APMS projects:</b>			<b>\$19,437,028.00</b>	<b>\$4,713,890.00</b>	<b>\$1,278,482.00</b>	<b>\$25,429,400.00</b>

## Appendix A

### ADOT Multimodal Planning Division - Aeronautics Group Sponsor Requested FAA Grant Funds for Airport Development Program Year 2018

Program/Fiscal Year	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
FAA Grant Portion of Request	\$ 95,501,885	\$ 119,857,913	\$ 137,659,649	\$ 166,429,789	\$ 308,396,512
Airport Sponsor Share	\$ 13,692,087	\$ 17,191,531	\$ 18,140,217	\$ 24,053,194	\$ 44,950,647
Total Requested Project Dollars	\$ 109,193,972	\$ 137,049,444	\$ 155,799,866	\$ 190,482,983	\$ 353,347,159

Detailed listing of all requests follows.

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<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>BAGDAD - YAVAPAI</b>						
2019	Taxiways:<Extend/Widen/Strengthen> Taxiway - Standards	Construct taxiway turnarounds serving each end of runway 5/23.	\$11,398.00	\$11,399.00	\$232,203.00	\$255,000.00
2019	Runways:<Extend/Widen/Strengthen> Runway [To Meet Standards] - Standards	Constr. Rwy. 5/23 gradient and line-of-sight improvements	\$36,207.00	\$36,207.00	\$737,586.00	\$810,000.00
2020	Other:<Construct/Rehabilitate> Parking Lot [Non Revenue Producing-Non Hub/MAP] - Other	Automobile paved parking in terminal area	\$4,470.00	\$4,470.00	\$91,060.00	\$100,000.00
<b>Airport Total:</b>			<b>\$52,075.00</b>	<b>\$52,076.00</b>	<b>\$1,060,849.00</b>	<b>\$1,165,000.00</b>
<b>BENSON MUNI - COCHISE</b>						
2018	Ground Transportation: <Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Other	Reconstr. Access Road (2,000 lf)	\$31,290.00	\$31,290.00	\$637,420.00	\$700,000.00
2022	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Master Plan Update w/ Drainage Study	\$15,645.00	\$15,645.00	\$318,710.00	\$350,000.00
<b>Airport Total:</b>			<b>\$46,935.00</b>	<b>\$46,935.00</b>	<b>\$956,130.00</b>	<b>\$1,050,000.00</b>
<b>BISBEE DOUGLAS INTL - COCHISE</b>						
2018	Runways:Rehabilitate Runway - Reconstruct	Reconstruct Twy A Ph 1 (A2-A4 approx. 2,350 ft x 35 ft) (Constr. Only)	\$49,170.00	\$49,170.00	\$1,001,660.00	\$1,100,000.00
2019	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO Or CL) - Standards	Replace Rwy 17/35 edge lighting, signage, and vault.	\$22,350.00	\$22,350.00	\$455,300.00	\$500,000.00
<b>Airport Total:</b>			<b>\$71,520.00</b>	<b>\$71,520.00</b>	<b>\$1,456,960.00</b>	<b>\$1,600,000.00</b>
<b>BISBEE MUNI - COCHISE</b>						
2018	Runways:Install Runway <Vertical/Visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Install PAPIs on Rwy 17/35 (Constr. Only)	\$10,058.00	\$10,057.00	\$204,885.00	\$225,000.00
2019	Runways:Rehabilitate Runway - Reconstruct	Crack Seal, Fog Seal, and Remark Rwy (49,170 sy)	\$9,610.00	\$9,611.00	\$195,779.00	\$215,000.00
2022	Taxiways:Construct Taxiway [Includes Relocation]	Relocate Twy A (5,900 ft x 25 ft) to 225 ft from Rwy centerline - (Constr Only) Phase 1 approx 2,050 ft from A1 to A3 w/ lighted hold signs on A4 through A6	\$60,792.00	\$60,792.00	\$1,238,416.00	\$1,360,000.00
<b>Airport Total:</b>			<b>\$80,460.00</b>	<b>\$80,460.00</b>	<b>\$1,639,080.00</b>	<b>\$1,800,000.00</b>
<b>BUCKEYE MUNI - MARICOPA</b>						
2018	Equipment:Acquire Equipment (e.g., Sweepers, etc.) - Standards	Acquire Equipment - Sweeper	\$3,352.00	\$3,353.00	\$68,295.00	\$75,000.00
2019	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Update Master Plan and ALP	\$22,350.00	\$22,350.00	\$455,300.00	\$500,000.00
2020	Taxiways:Install Taxiway Lighting (e.g., SMGCS, Reflectors, MITL) - Standards	Construct RSAT Projects - Airfield Lighting and Signage	\$42,465.00	\$42,465.00	\$865,070.00	\$950,000.00
2021	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruct Taxiway & South Apron (Design) (approximately 30,000 SY)	\$6,705.00	\$6,705.00	\$136,590.00	\$150,000.00
2022	Taxiways:Rehabilitate Taxiway - Reconstruct	Reconstruct Taxiway & South Apron (Construction)	\$89,400.00	\$89,400.00	\$1,821,200.00	\$2,000,000.00
<b>Airport Total:</b>			<b>\$164,272.00</b>	<b>\$164,273.00</b>	<b>\$3,346,455.00</b>	<b>\$3,675,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>CASA GRANDE MUNI - PINAL</b>						
2018	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	Conduct EA for obstruction removal due to obstruction fence and re-route existing wash on Rwy 5.	\$20,115.00	\$20,115.00	\$409,770.00	\$450,000.00
2018	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Prepare new Airport Drainage Study and Master Plan.	\$5,588.00	\$5,587.00	\$113,825.00	\$125,000.00
2018	Apron:Construct Apron - Standards	Design Helicopter apron to relocate existing parking for air ambulance.	\$4,470.00	\$4,470.00	\$91,060.00	\$100,000.00
2019	Land:Acquire <Land/Easement> For Development/Relocation	Purchase approximately 200 acres of Land to relocate obstructing existing wash, fence obstructing Runway 5 and service road along the obstructing fence. The land purchase will also secure the future airport development.	\$44,700.00	\$44,700.00	\$910,600.00	\$1,000,000.00
2019	Taxiways:Construct Taxiway [Includes Relocation]	Demolish existing Connector Taxiway approximately 150ft by 35ft and Relocate to a new location with similar size connector Taxiway.	\$1,341.00	\$1,341.00	\$27,318.00	\$30,000.00
2019	Taxiways:Construct Taxiway - Capacity	Design two (2) 150ft by 35 ft Bypass Taxiways for Runways 5 and 23 for airplane turning movements at both ends.	\$2,235.00	\$2,235.00	\$45,530.00	\$50,000.00
2019	Other:<Light/Mark/Remove> Obstructions [Hazard Only e.g., Approaches] - Safety/Security	Remove and relocate ten tall palm trees causing obstructions.	\$2,235.00	\$2,235.00	\$45,530.00	\$50,000.00
2020	Terminal Development:Expand Terminal Building - Capacity	Expand terminal building and parking lot (approximately 6600 SY). Relocate Utilities, if needed.	\$33,525.00	\$33,525.00	\$682,950.00	\$750,000.00
2020	Other:Environmental Mitigation	Design and construct AC Wash Rack approximately 70ft by 70ft in size near West Apron area.	\$15,645.00	\$15,645.00	\$318,710.00	\$350,000.00
2020	Taxiways:Construct Taxiway [Includes Relocation]	Demolish existing Twy approximately 150ft by 35ft and relocate southwest.	\$8,940.00	\$8,940.00	\$182,120.00	\$200,000.00
2020	Taxiways:Construct Taxiway - Capacity	Construct two (2) 150ft by 35ft bypass taxiways at Runway 5 and 23.	\$13,410.00	\$13,410.00	\$273,180.00	\$300,000.00
2021	Apron:Expand Apron - Capacity	Design approximately 20,000 SY apron for future airplane parking.	\$2,682.00	\$2,682.00	\$54,636.00	\$60,000.00
2021	Apron:Expand Apron - Capacity	Design approximately 30,100 SY apron for future airplane parking needs and/or Gliders T-Hangars needs.	\$2,235.00	\$2,235.00	\$45,530.00	\$50,000.00
2022	Apron:Expand Apron - Capacity	Construct the designed approximately 20,000 SY South West apron for future airplane parking needs.	\$67,050.00	\$67,050.00	\$1,365,900.00	\$1,500,000.00
2022	Apron:Expand Apron - Capacity	Construct the designed approximately 30,100 SY apron for future airplane parking and/or Gliders T-hangars.	\$102,810.00	\$102,810.00	\$2,094,380.00	\$2,300,000.00
<b>Airport Total:</b>			<b>\$326,981.00</b>	<b>\$326,980.00</b>	<b>\$6,661,039.00</b>	<b>\$7,315,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>CHANDLER MUNI - MARICOPA</b>						
2018	Planning:<Conduct/Update> <Airport Master Plan Study (ALP, EA, etc.)>	Airport Master Plan Update and Airport Layout Plan	\$26,820.00	\$26,820.00	\$546,360.00	\$600,000.00
2019	Equipment:Acquire Equipment (e.g., Sweepers, etc.) - Standards	Replace 6 receivers and 5 transmitters currently operating in ATCT and add 1 800 Mhz 16 channel transceiver.	\$22,261.00	\$22,260.00	\$453,479.00	\$498,000.00
2019	Apron:Rehabilitate Apron - Reconstruction	Design and Construct Rehabilitate. North Terminal Apron Phase 1 (27,000 sq yds)	\$44,141.00	\$44,141.00	\$899,218.00	\$987,500.00
2020	Apron:Rehabilitate Apron - Reconstruction	Design and Construct Rehabilitate North Terminal Apron Phase 2 (47,600 sq yd)	\$68,212.00	\$68,212.00	\$1,389,576.00	\$1,526,000.00
2020	Other:Improve Airport <Drainage/Erosion Control/Miscellaneous Improvements> - Standards	500,000 square yards of soil	\$110,186.00	\$110,185.00	\$2,244,629.00	\$2,465,000.00
2021	Apron:Expand/Strengthen Apron - Standards	Strengthen 22,560 SY of apron with 2 inch overlay of asphalt	\$51,316.00	\$51,315.00	\$1,045,369.00	\$1,148,000.00
2022	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	Environmental Assessment for planned Taxiway B extension from existing Taxiway N to approach end of Runway 4L including connectors	\$13,969.00	\$13,969.00	\$284,562.00	\$312,500.00
<b>Airport Total:</b>			<b>\$336,905.00</b>	<b>\$336,902.00</b>	<b>\$6,863,193.00</b>	<b>\$7,537,000.00</b>
<b>CHINLE MUNI - APACHE</b>						
2021	Runways:Rehabilitate Runway - Reconstruct	Recon. Rwy 18/36 (4,102 ft x 75 ft) including edge lighting, signage, and vault replacement (Constr. Only)	\$134,100.00	\$134,100.00	\$2,731,800.00	\$3,000,000.00
<b>Airport Total:</b>			<b>\$134,100.00</b>	<b>\$134,100.00</b>	<b>\$2,731,800.00</b>	<b>\$3,000,000.00</b>
<b>CIBECUE - NAVAJO</b>						
2018	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	EA for new Airport	\$13,410.00	\$13,410.00	\$273,180.00	\$300,000.00
2019	Runways:Construct Runway [Includes Relocation] - Standards	Constr. Rwy 1/19 (5,100 ft x 75 ft) including Bypass Twys (840 ft x 35 ft) , Connector Twy (300 ft x 35 ft), Apron (15,584 sy) and Access Road (5,460 ft x 25 ft) - Phase 1 Grading & Drainage (Constr. Only)	\$290,550.00	\$290,550.00	\$5,918,900.00	\$6,500,000.00
2020	Runways:Construct Runway [Includes Relocation] - Standards	Constr. Rwy (5,100 ft x 75 ft) including Bypass Twys (840 ft x 35 ft), Connector Twy (300 ft x 35 ft), Apron (15,584 sy) and Access Road (5,460 ft x 25 ft) - Ph 2 Paving (Constr. Only)	\$169,860.00	\$169,860.00	\$3,460,280.00	\$3,800,000.00
2021	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO Or CL) - Standards	Install Rwy 1/19 Edge Lighting and Visual Aids including utilities - Ph 3 Lighting (Constr. Only)	\$38,442.00	\$38,442.00	\$783,116.00	\$860,000.00
<b>Airport Total:</b>			<b>\$512,262.00</b>	<b>\$512,262.00</b>	<b>\$10,435,476.00</b>	<b>\$11,460,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>COCHISE COUNTY - COCHISE</b>						
2020	Apron:Rehabilitate Apron - Reconstruction	Rehab Apron Section 20 (18,300sy) (Design Only)	\$4,917.00	\$4,917.00	\$100,166.00	\$110,000.00
2021	Apron:Rehabilitate Apron - Reconstruction	Rehab Apron Section 20 (18,300 sy) (Constr.)	\$60,345.00	\$60,345.00	\$1,229,310.00	\$1,350,000.00
2022	Equipment:Install Weather Reporting Equipment {Describe, e.g., AWOS } - Standards	Install AWOS II	\$13,410.00	\$13,410.00	\$273,180.00	\$300,000.00
<b>Airport Total:</b>			<b>\$78,672.00</b>	<b>\$78,672.00</b>	<b>\$1,602,656.00</b>	<b>\$1,760,000.00</b>
<b>COLORADO CITY MUNI - MOHAVE</b>						
2019	Land:Acquire <Land/Easement> For Development/Relocation	Acquire approx. 184 acres of BLM & private land around the Rwys including Parcel 4, Parcel 5, Parcel 6, Parcel 7, Parcel 8, Parcel 9, Parcel 10, Parcel 11, Parcel 12, and Parcel 13.	\$22,350.00	\$22,350.00	\$455,300.00	\$500,000.00
2020	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Prepare an AGIS Master Plan Update	\$15,645.00	\$15,645.00	\$318,710.00	\$350,000.00
2022	Taxiways:Extend Taxiway - Capacity	Extend Parallel Twy A To Rwy 29 End and constr. Twy A1 (1,735 ft x 35 ft)	\$40,230.00	\$40,230.00	\$819,540.00	\$900,000.00
<b>Airport Total:</b>			<b>\$78,225.00</b>	<b>\$78,225.00</b>	<b>\$1,593,550.00</b>	<b>\$1,750,000.00</b>
<b>COOLIDGE MUNI - PINAL</b>						
2019	Runways:Install Runway <Vertical/Visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Design/constr. Rwy 5-23 vertical/visual guidance system, PAPI/REIL, electrical vault upgrade and MIRLs	\$37,995.00	\$37,995.00	\$774,010.00	\$850,000.00
2019	Runways:Rehabilitate Runway - Reconstruct	Design Rwy 5-23 recon. approx. 150 ft x 5,580 ft	\$11,175.00	\$11,175.00	\$227,650.00	\$250,000.00
2020	Runways:Rehabilitate Runway - Reconstruct	Recon. Rwy 5-23 (Approx. 150 ft x 5,560 ft) (Constr. only)	\$223,500.00	\$223,500.00	\$4,553,000.00	\$5,000,000.00
2021	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Master Plan Update including ALP Update	\$15,645.00	\$15,645.00	\$318,710.00	\$350,000.00
2022	Apron:Rehabilitate Apron - Reconstruction	Recon. apron.	\$44,700.00	\$44,700.00	\$910,600.00	\$1,000,000.00
<b>Airport Total:</b>			<b>\$333,015.00</b>	<b>\$333,015.00</b>	<b>\$6,783,970.00</b>	<b>\$7,450,000.00</b>
<b>COTTONWOOD - YAVAPAI</b>						
2018	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	ALP Narrative and Master plan update	\$5,588.00	\$5,587.00	\$113,825.00	\$125,000.00
2019	Apron:Construct Apron - Standards	Design Taxiway A Pavement Preservation (3,500ft x 40ft)	\$1,788.00	\$1,788.00	\$36,424.00	\$40,000.00
2020	Taxiways:Rehabilitate Taxiway - Reconstruct	Construct Taxiway A Pavement Preservation (3,500ft x 40ft)	\$29,055.00	\$29,055.00	\$591,890.00	\$650,000.00
2022	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	EA for Jet A Fuel Tank	\$11,175.00	\$11,175.00	\$227,650.00	\$250,000.00
<b>Airport Total:</b>			<b>\$47,606.00</b>	<b>\$47,605.00</b>	<b>\$969,789.00</b>	<b>\$1,065,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>ELOY MUNI - PINAL</b>						
2019	Taxiways:Construct Taxiway [Includes Relocation]	Relocation of Twy A (17,000 sy) to meet or exceed current FAA design standards. The project also includes new MITLs.	\$111,750.00	\$111,750.00	\$2,276,500.00	\$2,500,000.00
2020	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Airport Master Plan Update (Including AGIS Survey and Business Plan)	\$15,645.00	\$15,645.00	\$318,710.00	\$350,000.00
2021	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	Prepare an EA for a 650 ft extension to Rwy 22, including land acquisition (approx. 40 acres). APN 404-05-009B and APN 404-05-010J	\$13,410.00	\$13,410.00	\$273,180.00	\$300,000.00
2022	Runways:<Extend/Widen/Strengthen> Runway [To Meet Standards] - Standards	Design of a 650 ft. extension to Rwy 2, including parallel Twy extension, MIRLs and MITLs.	\$6,705.00	\$6,705.00	\$136,590.00	\$150,000.00
2022	Land:Acquire <Land/Easement> For Development/Relocation	Reimbursement for the acquisition of approx. 40 acres of land for the extension of Rwy 4 (APN 404-05-010J and APN 404-05-009B).	\$17,880.00	\$17,880.00	\$364,240.00	\$400,000.00
<b>Airport Total:</b>			<b>\$165,390.00</b>	<b>\$165,390.00</b>	<b>\$3,369,220.00</b>	<b>\$3,700,000.00</b>
<b>ERNEST A. LOVE FIELD - YAVAPAI</b>						
2018	Terminal Development:Expand Terminal Building - Capacity	Design airline terminal expansion.	\$20,000.00	\$20,000.00	\$760,000.00	\$800,000.00
2018	Equipment:Acquire <Snow Removal Equipment/Urea Truck/etc.> - Standards	Procurement of SRE tandem with plow.	\$11,250.00	\$11,250.00	\$427,500.00	\$450,000.00
2019	Taxiways:Construct Taxiway [Includes Relocation]	Relocate existing TW C2 to the southwest. Project includes demo of existing taxiway and utilities and construction of new taxiway and utilities.	\$16,250.00	\$16,250.00	\$617,500.00	\$650,000.00
2019	Runways:Install Runway Lighting (HIRL, MIRL) [Required By Part 139] - Safety/Security	Construct MIRL, signage upgrades, and distance remaining signs for 3R-21L & 3L-21R.	\$65,000.00	\$65,000.00	\$2,470,000.00	\$2,600,000.00
2020	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	EA for land for development: 19 acre (APN 102-03-037 through 102-03-056) and 119 acre for portions of APN 103-01-021G southeast of midfield, and 20.4 acre northwest of Rwy 12 (APN 102-03-008, 102-04-008A, 102-04-003C, 102-04-006A).	\$15,000.00	\$15,000.00	\$570,000.00	\$600,000.00
2020	Runways:<Construct/Extend/Improve> Runway Safety Area [Primary Airports] - Safety/Security	Reconfigure RSA of RW 21L and Run-Up, also TW A1/B4/C4/D4. Project includes demo of existing RW & TW pavement and utilities and construction of new RW & TW pavement and utilities.	\$57,500.00	\$57,500.00	\$2,185,000.00	\$2,300,000.00
2020	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Capacity	Construct airline terminal in the new location selected.	\$125,000.00	\$125,000.00	\$4,750,000.00	\$5,000,000.00
2020	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Aircraft Rescue & Fire Fighting Building [ Pt. 139 Only] - Safety/Security	Construct 12,000 square-foot ARFF facility mid-field south of TwyD.	\$75,000.00	\$75,000.00	\$2,850,000.00	\$3,000,000.00
2021	Taxiways:Construct Taxiway [Includes Relocation]	Construct 1st phase to realign/relocate parallel TW C - offset to the north to provide adequate distance from Runway 3R-21L (6,800 ft x 50 ft). This phase includes the southwest 3,400 ft of the taxiway.	\$112,500.00	\$112,500.00	\$4,275,000.00	\$4,500,000.00

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>ERNEST A. LOVE FIELD - YAVAPAI</b>						
2022	Land:Acquire <Land/Easement> For Development/Relocation	Acquisition of 138 ac for Rwy 21L Extension to 10,570 ft (138 ac of APN 103-01-021G) and 8.4 ac for Rwy 12/30 RPZs APNs 102-04-001A, 102-03-008, 102-06-001 and 102-06-006.	\$67,500.00	\$67,500.00	\$2,565,000.00	\$2,700,000.00
2022	Taxiways:Construct Taxiway [Includes Relocation]	Construct 2nd phase to realign/relocate parallel TWY C (6,800 ft x 50 ft). This phase includes the NE 3,400 ft of the TWY.	\$112,500.00	\$112,500.00	\$4,275,000.00	\$4,500,000.00
<b>Airport Total:</b>			<b>\$677,500.00</b>	<b>\$677,500.00</b>	<b>\$25,745,000.00</b>	<b>\$27,100,000.00</b>
<b>FALCON FLD - MARICOPA</b>						
2018	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	Conduct environmental review of removing orange grove trees in the RPZ on the departure end of Runways 22R & 22L. The review is required to remove the existing trees to enhance safety.	\$8,940.00	\$8,940.00	\$182,120.00	\$200,000.00
2018	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO Or CL) - Standards	Design and install runway lighting for Runways 4R/22L and Runway 4L/22R. In addition, design and install lighting for all Taxiways (A-E), and design and install all airfield signs.	\$125,160.00	\$125,160.00	\$2,549,680.00	\$2,800,000.00
2019	Other:<Light/Mark/Remove> Obstructions - Standards	Remove existing orange grove trees in the Runway 22R/22L departure end RPZ.	\$53,640.00	\$53,640.00	\$1,092,720.00	\$1,200,000.00
2019	Taxiways:Construct Taxiway - Capacity	Construct acute angle taxiways for Runway 4L/22R to increase operational efficiency and airfield capacity.	\$58,110.00	\$58,110.00	\$1,183,780.00	\$1,300,000.00
2020	Apron:Install Apron Lighting - Standards	Design and install apron lighting full length to improve safety.	\$49,170.00	\$49,170.00	\$1,001,660.00	\$1,100,000.00
2020	Other:Improve Airport <Drainage/Erosion Control/Miscellaneous Improvements> - Standards	Update storm water drainage plan to incorporate recent capital improvements and to ensure the airfield has adequate storm water capacity.	\$13,410.00	\$13,410.00	\$273,180.00	\$300,000.00
2020	Taxiways:Construct Taxiway - Capacity	Design Runway 22L run up area to provide operational flexibility and provide additional capacity.	\$8,152.00	\$8,152.00	\$166,066.00	\$182,370.00
2021	Equipment:Install Weather Reporting Equipment {Describe, e.g., AWOS } - Standards	Install AWOS to provide 24 hour weather reporting capability.	\$13,410.00	\$13,410.00	\$273,180.00	\$300,000.00
2021	Taxiways:Construct Taxiway - Capacity	Construct Runway 22L run up area.	\$65,603.00	\$65,603.00	\$1,336,424.00	\$1,467,630.00
2021	Taxiways:Extend Taxiway - Capacity	Update design of Eastside taxilane.	\$13,410.00	\$13,410.00	\$273,180.00	\$300,000.00
2022	Taxiways:Extend Taxiway - Capacity	Construct eastside taxilane to provide airside access for aeronautical use development.	\$126,481.00	\$126,481.00	\$2,576,586.00	\$2,829,548.00
2022	Taxiways:Construct Taxiway [Includes Relocation]	Design relocation of Taxiway E to meet B-II standards.	\$31,814.00	\$31,814.00	\$648,092.00	\$711,720.00
2022	Runways:<Extend/Widen/Strengthen> Runway [To Meet Standards] - Standards	Design and construct Runway 4L/22R to 30,000 lb.	\$33,302.00	\$33,301.00	\$678,397.00	\$745,000.00
<b>Airport Total:</b>			<b>\$600,602.00</b>	<b>\$600,601.00</b>	<b>\$12,235,065.00</b>	<b>\$13,436,268.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>FLAGSTAFF PULLIAM - COCONINO</b>						
2018	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	EA for Perimeter Rd Rehabilitation inside the perimeter fence, Historical, Architectural, Archaeological, Biological and Cultural Resources Survey	\$17,880.00	\$17,880.00	\$364,240.00	\$400,000.00
2020	Other:<Construct/Rehabilitate> Parking Lot [Non Revenue Producing-Non Hub/MAP] - Other	Design and Construct parking lot to increase passenger parking capacity at the airport terminal	\$178,800.00	\$178,800.00	\$3,642,400.00	\$4,000,000.00
2021	Equipment:Acquire <Snow Removal Equipment/Urea Truck/etc.> - Standards	Acquire Equipment-Snowplow with Sweeper Broom & ARFF Vehicle	\$71,520.00	\$71,520.00	\$1,456,960.00	\$1,600,000.00
2022	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Other	Design & Construct JWP Widening with dedicated right turn lane. JWP is planned to be a major collector roadway in the future. City is programing the design to extend JWP.	\$98,340.00	\$98,340.00	\$2,003,320.00	\$2,200,000.00
<b>Airport Total:</b>			<b>\$366,540.00</b>	<b>\$366,540.00</b>	<b>\$7,466,920.00</b>	<b>\$8,200,000.00</b>
<b>GLENDALE MUNI - MARICOPA</b>						
2018	Land:Acquire Land/Easement For Approaches	Land Acquisition reimbursement for the purchase of Conair property in the RPZ of Rwy 19 of approximately 40 acres. Parcel numbers 142-59-002-A and 142-59-002-B.	\$89,400.00	\$89,400.00	\$1,821,200.00	\$2,000,000.00
2018	Planning:Conduct Noise Compatibility Plan Study/Update	Update Part 150 Noise Compatibility Study and Noise Exposure Maps.	\$15,645.00	\$15,645.00	\$318,710.00	\$350,000.00
2019	Land:Acquire Land/Easement For Approaches	Land Acquisition reimbursement for the purchase of Conair property in the RPZ of Rwy 19 of approximately 40 acres. Parcel numbers 142-59-002-A and 142-59-002-B.	\$89,400.00	\$89,400.00	\$1,821,200.00	\$2,000,000.00
2020	Land:Acquire Land/Easement For Approaches	Land Acquisition reimbursement for the purchase of Conair property in the RPZ of Rwy 19 of approximately 40 acres. Parcel numbers 142-59-002-A and 142-59-002-B.	\$89,400.00	\$89,400.00	\$1,821,200.00	\$2,000,000.00
2021	Land:Acquire Land/Easement For Approaches	Land Acquisition reimbursement for the purchase of Conair property in the RPZ of Rwy 19 of approximately 40 acres. Parcel numbers 142-59-002-A and 142-59-002-B.	\$89,400.00	\$89,400.00	\$1,821,200.00	\$2,000,000.00
2022	Land:Acquire Land/Easement For Approaches	Land Acquisition reimbursement for the purchase of Conair property in the RPZ of Rwy 19 of approximately 40 acres. Parcel numbers 142-59-002-A and 142-59-002-B.	\$89,400.00	\$89,400.00	\$1,821,200.00	\$2,000,000.00
<b>Airport Total:</b>			<b>\$462,645.00</b>	<b>\$462,645.00</b>	<b>\$9,424,710.00</b>	<b>\$10,350,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>GRAND CANYON NATIONAL PARK - COCONINO</b>						
2018	Other:Improve Airport <Drainage/Erosion Control/Miscellaneous Improvements> - Standards	Relocate culverts outside of RSA. Correct out-of-compliance RSA grading.	\$111,750.00	\$111,750.00	\$2,276,500.00	\$2,500,000.00
2018	Equipment:Acquire <Snow Removal Equipment/Urea Truck/etc.> - Standards	Replace two snow plows.	\$26,820.00	\$26,820.00	\$546,360.00	\$600,000.00
2018	Equipment:Acquire Equipment (e.g., Sweepers, etc.) - Standards	Acquire 2 lighted X's for Rwy 3/21	\$4,470.00	\$4,470.00	\$91,060.00	\$100,000.00
2018	Equipment:Acquire Friction Measuring Equipment - Standards	Obtain a pull-behind friction measurement trailer or another measurement device for friction testing	\$6,705.00	\$6,705.00	\$136,590.00	\$150,000.00
2018	Other:Improve Airport <Drainage/Erosion Control/Miscellaneous Improvements> - Standards	Design a drainage plan for the entire airport. Possible rainwater collection on airport property.	\$22,350.00	\$22,350.00	\$455,300.00	\$500,000.00
2018	Equipment:Acquire Security Equipment/Install Fencing [Required By Part 107] - Safety/Security	Remov brush and trees west of Rwy 3/21 on approx. 15 acres of land. 8,000 lf Helo-Area Wildlife Fencing	\$22,350.00	\$22,350.00	\$455,300.00	\$500,000.00
2019	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Standards	Design renovation of extg. 10,500 sf terminal and 2,000 sf garage/baggage area to meet ADA standards, meet standards for TSA security screening, restrooms, secured lounge, and baggage screening/handling.	\$22,350.00	\$22,350.00	\$455,300.00	\$500,000.00
2019	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	Conduct EA on the various sources of water identified in the master plan.	\$35,760.00	\$35,760.00	\$728,480.00	\$800,000.00
2019	Runways:<Extend/Widen/Strengthen> Runway [To Meet Standards] - Standards	Design and constr. the Rwy to the proper width and add 25' shoulders.	\$89,400.00	\$89,400.00	\$1,821,200.00	\$2,000,000.00
2020	Equipment:Acquire <Snow Removal Equipment/Urea Truck/etc.> - Standards	Acquire a replacement snow blower.	\$17,880.00	\$17,880.00	\$364,240.00	\$400,000.00
2020	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Service Road - Other	Upgrade perimeter road on east and west side. Dimensions are 19,000 ft x 20 ft. The utility road along the west side of the RSA is included in this project.	\$134,100.00	\$134,100.00	\$2,731,800.00	\$3,000,000.00
2021	Equipment:<Acquire/Install/Rehabilitate> Emergency Generator - Standards	Replace the terminal and airfield generators.	\$33,525.00	\$33,525.00	\$682,950.00	\$750,000.00
2022	Other:Improve Airport <Drainage/Erosion Control/Miscellaneous Improvements> - Standards	Constr. Improvements noted in the 2018 Drainage Master Plan	\$111,750.00	\$111,750.00	\$2,276,500.00	\$2,500,000.00
2022	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Other	Update and realign the access road north of GCN terminal and improve access roads on the airport	\$33,525.00	\$33,525.00	\$682,950.00	\$750,000.00
2022	Equipment:Acquire Aircraft Rescue & Fire Fighting Vehicle [Required By Part 139 Only] - Safety/Security	The airport rescue vehicle is reaching its service life and the airport ARFF Fire truck will be 15 years old in 2022.	\$58,110.00	\$58,110.00	\$1,183,780.00	\$1,300,000.00
<b>Airport Total:</b>			<b>\$730,845.00</b>	<b>\$730,845.00</b>	<b>\$14,888,310.00</b>	<b>\$16,350,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>GRAND CANYON WEST - MOHAVE</b>						
2018	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Aircraft Rescue & Fire Fighting Building [ Pt. 139 Only] - Safety/Security	ARFF and maintenance facility (6,000 sf)	\$0.00	\$71,520.00	\$728,480.00	\$800,000.00
2018	Other:Improve Airport <Drainage/Erosion Control/Miscellaneous Improvements> - Standards	Drainage improvements, Ph 1	\$0.00	\$82,248.00	\$837,752.00	\$920,000.00
2018	Taxiways:Rehabilitate Taxiway - Reconstruct	Stabilize Hover Taxi Routes - West Side Operations Area (Approx. 38,400 sy)	\$0.00	\$120,690.00	\$1,229,310.00	\$1,350,000.00
2018	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	EIS for Constr. Heliports and Helicopter Parking (West Area and North Area) and Constr. new Terminal	\$0.00	\$89,400.00	\$910,600.00	\$1,000,000.00
2019	Runways:Rehabilitate Runway - Reconstruct	Crack Seal, Fog Seal, and Remark Airport	\$0.00	\$44,700.00	\$455,300.00	\$500,000.00
2019	Other:Improve Airport <Drainage/Erosion Control/Miscellaneous Improvements> - Standards	Install Buried Chain Link Fence (Approx. 20,000 lf)	\$0.00	\$40,230.00	\$409,770.00	\$450,000.00
2021	Terminal Development:Construct Terminal Building - Capacity	Constr. New terminal (Design only)	\$0.00	\$89,400.00	\$910,600.00	\$1,000,000.00
2021	Heliport:<Construct/Expand/Improve/Modify/Rehabilitate> Helipad/Heliport - Capacity	Constr. Heliports and helicopter parking. (West Area & North Area)	\$0.00	\$268,200.00	\$2,731,800.00	\$3,000,000.00
<b>Airport Total:</b>			<b>\$0.00</b>	<b>\$806,388.00</b>	<b>\$8,213,612.00</b>	<b>\$9,020,000.00</b>
<b>H.A. CLARK MEMORIAL FIELD - COCONINO</b>						
2018	Apron:Rehabilitate Apron - Reconstruction	Reconstruct Apron (approx. 4,500 s.y.)	\$55,875.00	\$55,875.00	\$1,138,250.00	\$1,250,000.00
2021	Land:Acquire <Land/Easement> For Development/Relocation	Acquire approx. 101 acres of land future development. Parcel numbers are not available due to federal ownership.	\$22,350.00	\$22,350.00	\$455,300.00	\$500,000.00
<b>Airport Total:</b>			<b>\$78,225.00</b>	<b>\$78,225.00</b>	<b>\$1,593,550.00</b>	<b>\$1,750,000.00</b>
<b>HOLBROOK MUNI - NAVAJO</b>						
2020	Runways:Rehabilitate Runway - Reconstruct	Reconstr. Rwy 3/21 (6,698 ft x 75 ft) (Design Only)	\$16,316.00	\$16,315.00	\$332,369.00	\$365,000.00
2021	Runways:Rehabilitate Runway - Reconstruct	Reconstr. Rwy 3/21 (6,698 ft x 75 ft) Phase 1 (Constr. Only)	\$178,800.00	\$178,800.00	\$3,642,400.00	\$4,000,000.00
<b>Airport Total:</b>			<b>\$195,116.00</b>	<b>\$195,115.00</b>	<b>\$3,974,769.00</b>	<b>\$4,365,000.00</b>
<b>KAYENTA - NAVAJO</b>						
2019	Equipment:Acquire <Snow Removal Equipment/Urea Truck/etc.> - Standards	Acquire SRE	\$8,940.00	\$8,940.00	\$182,120.00	\$200,000.00
2020	Apron:Rehabilitate Apron - Reconstruction	Crack Seal, Fog Seal, Remark Easterly Apron (9,700 Sy) & bypass twy (5,000 Sy) to Rwy 23	\$6,705.00	\$6,705.00	\$136,590.00	\$150,000.00
2022	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Other	Rehab. Access Road	\$18,774.00	\$18,774.00	\$382,452.00	\$420,000.00
<b>Airport Total:</b>			<b>\$34,419.00</b>	<b>\$34,419.00</b>	<b>\$701,162.00</b>	<b>\$770,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>KINGMAN - MOHAVE</b>						
2018	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	CatEx for Taxiway B Reconstruction (approximately 2,200 ft x 75 ft)	\$188.00	\$187.00	\$7,125.00	\$7,500.00
2018	Land:Acquire Land/Easement For Approaches	Land Acquisition for Rwy 21 RPZ (approximately 28 acres, Parcel ID #310-01-073).	\$50,000.00	\$50,000.00	\$1,900,000.00	\$2,000,000.00
2018	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	ALP Update & Narrative/AGIS	\$12,500.00	\$12,500.00	\$475,000.00	\$500,000.00
2020	Apron:Rehabilitate Apron - Reconstruction	Construct Dross Site Asphalt Overlay (approximately 90,000 SY)	\$57,500.00	\$57,500.00	\$2,185,000.00	\$2,300,000.00
2021	Taxiways:Rehabilitate Taxiway - Reconstruct	Construct Taxiway B Reconstruction (approximately 2,200 ft x 75 ft)	\$62,500.00	\$62,500.00	\$2,375,000.00	\$2,500,000.00
2022	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	EA for Corner Apron (approximately 34,000 SY)	\$3,750.00	\$3,750.00	\$142,500.00	\$150,000.00
<b>Airport Total:</b>			<b>\$186,438.00</b>	<b>\$186,437.00</b>	<b>\$7,084,625.00</b>	<b>\$7,457,500.00</b>
<b>LAKE HAVASU CITY - MOHAVE</b>						
2018	Other:<Light/Mark/Remove> Obstructions [Hazard Only e.g., Approaches] - Safety/Security	Design & Construct Green In-Field Pavement Markings	\$6,386.00	\$6,386.00	\$130,088.00	\$142,860.00
2018	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Master Plan Update, Sustainability & Business Management Plans, Rotocraft Takeoff Plan	\$26,820.00	\$26,820.00	\$546,360.00	\$600,000.00
2019	Other:<Light/Mark/Remove> Obstructions [Hazard Only e.g., Approaches] - Safety/Security	Design & Construct Replacement of Existing WPPA Mountain & Transmission Line Obstruction Lights	\$6,705.00	\$6,705.00	\$136,590.00	\$150,000.00
2020	Taxiways:Rehabilitate Taxiway - Reconstruct	Construct Taxiway Alpha Pavement Preservation - PCI is 60	\$49,170.00	\$49,170.00	\$1,001,660.00	\$1,100,000.00
2022	Apron:Rehabilitate Apron - Reconstruction	Construct Large Helicopter Parking Apron Reconstruction (200 ft x 200 ft) - PCI is 55	\$16,986.00	\$16,986.00	\$346,028.00	\$380,000.00
<b>Airport Total:</b>			<b>\$106,067.00</b>	<b>\$106,067.00</b>	<b>\$2,160,726.00</b>	<b>\$2,372,860.00</b>
<b>LAUGHLIN/BULLHEAD INTL - MOHAVE</b>						
2018	Land:Acquire <Land/Easement> For Development/Relocation	Reimbursement for the acquisition of approx. 218 acres of ASLD property. The APN is 213-32-003.	\$97,446.00	\$97,446.00	\$1,985,108.00	\$2,180,000.00
2018	Planning:<Conduct/Update> (e.g., Pavement Maintenance Plan, PCI, NPDES, etc.)	Preparation of a comprehensive drainage master plan for the entire airport.	\$4,470.00	\$4,470.00	\$91,060.00	\$100,000.00
2018	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	Preparation of an Environmental Assessment for erosion and drainage improvements on the airfield west of Rwy 16-34.	\$7,822.00	\$7,823.00	\$159,355.00	\$175,000.00
2018	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Standards	Installation of a Passenger Loading Bridge at Gate 1.	\$44,700.00	\$44,700.00	\$910,600.00	\$1,000,000.00
2019	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Standards	Installation of a Passenger Loading Bridge at Gate 2.	\$44,700.00	\$44,700.00	\$910,600.00	\$1,000,000.00

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>LAUGHLIN/BULLHEAD INTL - MOHAVE</b>						
2019	Taxiways:Rehabilitate Taxiway - Reconstruct	Crack Seal and Sealcoat Parallel Twy A and Twy connectors (approx. 123,300 SY)	\$17,880.00	\$17,880.00	\$364,240.00	\$400,000.00
2019	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Update Airport Master Plan and ALP (Including Sustainability, Terminal Financial Study, and AGIS Survey)	\$33,525.00	\$33,525.00	\$682,950.00	\$750,000.00
2019	Apron:Rehabilitate Apron - Reconstruction	Recon. approx. 12,000 sy of the airline/RON apron located south and west of the terminal building.	\$89,400.00	\$89,400.00	\$1,821,200.00	\$2,000,000.00
2020	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Other	Recon. The Terminal Access Road (approx. 18,000 sy)	\$74,515.00	\$74,515.00	\$1,517,970.00	\$1,667,000.00
2020	Apron:Rehabilitate Apron - Reconstruction	Joint/crack repair and joint seal the apron in front of the terminal building (approx. 22,333 sy). Per the 2013 APMS Study, ATERMLB-20 has a PCI of 92 but noted corner spalling (high), Joint spalling (medium), and Joint Seal damage (medium).	\$22,350.00	\$22,350.00	\$455,300.00	\$500,000.00
2021	Other:Improve Airport <Drainage/Erosion Control/Miscellaneous Improvements> - Standards	Installation of 25,000 lf of fence improvements for wildlife hazard protection and Part 139 compliance.	\$111,750.00	\$111,750.00	\$2,276,500.00	\$2,500,000.00
2021	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	EA for the constr. of a new terminal building, Apron, Twys, auto parking, and access road at the southeast corner of the airport.	\$22,350.00	\$22,350.00	\$455,300.00	\$500,000.00
2022	Runways:Rehabilitate Runway <Lighting/Electrical Vault>	Upgrade the internal components of the Electrical/Lighting Vault including new regulators, etc.	\$5,588.00	\$5,587.00	\$113,825.00	\$125,000.00
<b>Airport Total:</b>			<b>\$576,496.00</b>	<b>\$576,496.00</b>	<b>\$11,744,008.00</b>	<b>\$12,897,000.00</b>

<b>MARANA RGNL - PIMA</b>						
2018	Apron:Rehabilitate Apron - Reconstruction	Recon. Parking Apron: 275,550 sf, Parking Apron: 155,250 sf, Helicopter Apron:168,500 sf, Terminal Apron:344,700 sf, Twy B: 45,500 sf	\$194,445.00	\$194,445.00	\$3,961,110.00	\$4,350,000.00
2019	Other:Environmental Mitigation	Complete perimeter fence located about 500 feet west of septic pump station at the end of Rwy 21. The fence will tie into extg. chain link then north for 600 feet then east for 1600 feet and tie into extg. iron fencing. Replace extg. Gates.	\$8,940.00	\$8,940.00	\$182,120.00	\$200,000.00
2019	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO Or CL) - Standards	Constr. of Airport Rwy MIRL upgrades, replace rotating beacon and replace PAPIs on Rwy 12-30 and 3-21.	\$23,464.00	\$23,464.00	\$477,990.00	\$524,918.00
2020	Runways:Rehabilitate Runway - Reconstruct	Design of Rwy 3-21 Recon., Twy B2 relocation, and removal of Hangar 6.	\$19,444.00	\$19,445.00	\$396,111.00	\$435,000.00
2020	Taxiways:Install Taxiway Lighting (e.g., SMGCS, Reflectors, MITL) - Standards	Design and Constr. of all MITLs LED upgrade.	\$26,840.00	\$26,840.00	\$546,767.00	\$600,447.00
2021	Other:<Light/Mark/Remove> Obstructions - Standards	Design of the Demolition/Removal of Hangar 20	\$447.00	\$447.00	\$9,106.00	\$10,000.00
2021	Runways:Rehabilitate Runway - Reconstruct	Constr. of Rwy 3-21 Recon., Twy B2 relocation, and removal of Hangar 6.	\$147,510.00	\$147,510.00	\$3,004,980.00	\$3,300,000.00

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>MARANA RGNL - PIMA</b>						
2021	Apron:Rehabilitate Apron - Reconstruction	Design and Constr. of the West Apron Recon. 334,000 sf.	\$102,810.00	\$102,810.00	\$2,094,380.00	\$2,300,000.00
2021	Taxiways:Rehabilitate Taxiway - Reconstruct	Recon. of Twy A (50 ft x 6,901 ft).	\$128,148.00	\$128,148.00	\$2,610,553.00	\$2,866,849.00
2021	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	Environmental Assessment for the purchase of 40 acres of state land within Rwy 12-30 RSA.	\$15,645.00	\$15,645.00	\$318,710.00	\$350,000.00
2022	Other:<Construct/Rehabilitate> Parking Lot [Non Revenue Producing-Non Hub/MAP] - Other	Design for the Constr. Of an additional parking lot (4,000 square yards).	\$1,564.00	\$1,565.00	\$31,871.00	\$35,000.00
2022	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	EA Rwy 3/21 and Twy B extension and new parallel taxiway. Rwy 3/21 and Twy B will be extended by 1,938 ft.	\$17,880.00	\$17,880.00	\$364,240.00	\$400,000.00
2022	Other:<Light/Mark/Remove> Obstructions - Standards	Demolition/Removal of Hangar 20	\$1,341.00	\$1,341.00	\$27,318.00	\$30,000.00
<b>Airport Total:</b>			<b>\$688,478.00</b>	<b>\$688,480.00</b>	<b>\$14,025,256.00</b>	<b>\$15,402,214.00</b>
<b>NOGALES INTL - SANTA CRUZ</b>						
2018	Taxiways:Rehabilitate Taxiway - Reconstruct	Rehab. Twy connectors to main apron (Constr.) (approx. 941 sy)	\$37,995.00	\$37,995.00	\$774,010.00	\$850,000.00
2018	Runways:Rehabilitate Runway - Reconstruct	Rehab. Rwy 3-21	\$2,593.00	\$2,592.00	\$52,815.00	\$58,000.00
2019	Runways:Rehabilitate Runway - Reconstruct	Rehabilitate Runway 3-21 (Construction)	\$45,952.00	\$45,951.00	\$936,097.00	\$1,028,000.00
2020	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO Or CL) - Standards	Install LED REILs for Rwy 3-21 (Constr.).	\$6,482.00	\$6,481.00	\$132,037.00	\$145,000.00
2020	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO Or CL) - Standards	Rehab. MIRLs for Rwy 3-21 (Constr.). Replacements will be LED.	\$5,140.00	\$5,141.00	\$104,719.00	\$115,000.00
2021	Apron:Expand Apron - Capacity	Terminal Apron Expansion (Design) (approx. 3,300 sy)	\$2,065.00	\$2,065.00	\$42,070.00	\$46,200.00
2021	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Improve Fuel Facility Tank Replacement (includes relocation) (Design)	\$6,928.00	\$6,929.00	\$141,143.00	\$155,000.00
<b>Airport Total:</b>			<b>\$107,155.00</b>	<b>\$107,154.00</b>	<b>\$2,182,891.00</b>	<b>\$2,397,200.00</b>
<b>PAGE MUNI - COCONINO</b>						
2018	Apron:Rehabilitate Apron - Reconstruction	Construct Apron Pavement Rehabilitation (approximately 70,000 SY)	\$178,800.00	\$178,800.00	\$3,642,400.00	\$4,000,000.00
2019	Taxiways:Construct Taxiway - Capacity	Design Northwest Taxilane (1000 ft x 35 ft)	\$3,576.00	\$3,576.00	\$72,848.00	\$80,000.00
2020	Taxiways:Construct Taxiway - Capacity	Construct Northwest Taxilane (1000 ft x 35 ft)	\$22,350.00	\$22,350.00	\$455,300.00	\$500,000.00
2021	Apron:Rehabilitate Apron - Reconstruction	Design South Ramp Pavement Rehabilitation (approximately 18,000 SY)	\$4,470.00	\$4,470.00	\$91,060.00	\$100,000.00
2022	Apron:Rehabilitate Apron - Reconstruction	Construct South Ramp Pavement Rehabilitation (approximately 18,000 SY)	\$67,050.00	\$67,050.00	\$1,365,900.00	\$1,500,000.00
<b>Airport Total:</b>			<b>\$276,246.00</b>	<b>\$276,246.00</b>	<b>\$5,627,508.00</b>	<b>\$6,180,000.00</b>
<b>PAYSON - GILA</b>						
2018	Apron:Construct Apron - Standards	Reconstr. Alpha Ramp - East Side (370 ft x 180 ft)	\$30,172.00	\$30,173.00	\$614,655.00	\$675,000.00
2020	Taxiways:Construct Taxiway - Capacity	Constr. Bypass Twy on Rwy 24 (Approx. 35ft x 150ft) w/ edge lighting	\$15,645.00	\$15,645.00	\$318,710.00	\$350,000.00

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>PAYSON - GILA</b>						
2021	Buildings:<Construct/Expand/Imp/Modify/Rehabilitate> <Snow Removal Equipment/Chemical Storage Building/etc.> - Standards	Constr. an SRE building (30 ft x 40 ft)	\$20,115.00	\$20,115.00	\$409,770.00	\$450,000.00
2022	Equipment:Acquire <Snow Removal Equipment/Urea Truck/etc.> - Standards	Acquire a dump truck with plow and truck mounted sweeper	\$9,610.00	\$9,611.00	\$195,779.00	\$215,000.00
<b>Airport Total:</b>			<b>\$75,542.00</b>	<b>\$75,544.00</b>	<b>\$1,538,914.00</b>	<b>\$1,690,000.00</b>
<b>PHOENIX DEER VALLEY - MARICOPA</b>						
2018	Taxiways:Construct Taxiway - Capacity	Constr. new partial-length parallel Twy D (between C1 and C11)	\$484,548.00	\$484,548.00	\$9,870,904.00	\$10,840,000.00
2019	Taxiways:Rehabilitate Taxiway - Reconstruct	Relocate Twy B to the South (approx. 4,500 ft x 35 ft)	\$409,094.00	\$409,095.00	\$8,333,811.00	\$9,152,000.00
2020	Taxiways:Construct Taxiway - Capacity	Constr. Acute Angle Twy Connectors B6 and B9. Relocate Guard Lights.	\$74,023.00	\$74,023.00	\$1,507,954.00	\$1,656,000.00
2021	Runways:Rehabilitate Runway - Reconstruct	Recon. and Strengthen Rwy 7R-25L (approx. 8,200 ft x 100 ft)	\$304,675.00	\$304,675.00	\$6,206,650.00	\$6,816,000.00
2022	Taxiways:Rehabilitate Taxiway - Reconstruct	Recon. and strengthen Twy C (approx. 8,200 ft x 40 ft)	\$278,034.00	\$278,034.00	\$5,663,932.00	\$6,220,000.00
<b>Airport Total:</b>			<b>\$1,550,374.00</b>	<b>\$1,550,375.00</b>	<b>\$31,583,251.00</b>	<b>\$34,684,000.00</b>
<b>PHOENIX GOODYEAR - MARICOPA</b>						
2018	Apron:Rehabilitate Apron - Reconstruction	Recon. North T-Hangar Apron (approx. 41,000 SY of asphalt pavement)	\$160,920.00	\$160,920.00	\$3,278,160.00	\$3,600,000.00
2019	Apron:Rehabilitate Apron - Reconstruction	Rehab. Apron Pavement - Ph. I (approx. 28,000 SY of concrete pavement)	\$236,910.00	\$236,910.00	\$4,826,180.00	\$5,300,000.00
2019	Taxiways:Rehabilitate Taxiway - Reconstruct	Strengthen Twy A to be compliant with the ARC D4 standards (approx. 6,000 ft x 75 ft)	\$133,876.00	\$133,877.00	\$2,727,247.00	\$2,995,000.00
2019	Taxiways:Construct Taxiway - Capacity	Constr. west parallel Twy B and exits. Twy will be 8,500 ft x 75 ft. Ph. I (NEPA and Design)	\$160,920.00	\$160,920.00	\$3,278,160.00	\$3,600,000.00
2020	Taxiways:Construct Taxiway - Capacity	Constr. west parallel Twy B and exits. Twy will be 8,500 ft x 75 ft. Ph. II	\$160,920.00	\$160,920.00	\$3,278,160.00	\$3,600,000.00
2020	Apron:Rehabilitate Apron - Reconstruction	Rehab. Apron Pavement - Ph. II (approx. 28,000 sy of PCCP)	\$236,910.00	\$236,910.00	\$4,826,180.00	\$5,300,000.00
2021	Taxiways:Construct Taxiway - Capacity	Constr. west parallel Twy B and exits. Twy will be 8,500 ft x 75 ft. Ph. III	\$250,320.00	\$250,320.00	\$5,099,360.00	\$5,600,000.00
2021	Apron:Rehabilitate Apron - Reconstruction	Rehab. Apron Pavement - Ph. III (approx. 28,000 sy of PCCP)	\$236,910.00	\$236,910.00	\$4,826,180.00	\$5,300,000.00
2022	Apron:Construct Apron - Capacity	Constr. new apron on the west side of the airport to accommodate new development areas and support Twy B	\$174,330.00	\$174,330.00	\$3,551,340.00	\$3,900,000.00
2022	Taxiways:Extend Taxiway - Capacity	Constr. west parallel Twy B and exits. Twy will be 8,500 ft x 75 ft. Ph. IV	\$156,450.00	\$156,450.00	\$3,187,100.00	\$3,500,000.00
<b>Airport Total:</b>			<b>\$1,908,466.00</b>	<b>\$1,908,467.00</b>	<b>\$38,878,067.00</b>	<b>\$42,695,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>PHOENIX RGNL - PINAL</b>						
2018	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	EA for Rwy 4/22 relocation including Preliminary Design	\$15,645.00	\$15,645.00	\$318,710.00	\$350,000.00
2021	Runways:Construct Runway [Includes Relocation] - Standards	Constr. Rwy 4/22 (75 ft x 2,384 ft) with three Twy Connectors (35 ft x 400 ft) and Extend Twy A to Rwy Ends (Constr. Only)	\$93,870.00	\$93,870.00	\$1,912,260.00	\$2,100,000.00
<b>Airport Total:</b>			<b>\$109,515.00</b>	<b>\$109,515.00</b>	<b>\$2,230,970.00</b>	<b>\$2,450,000.00</b>
<b>PHOENIX SKY HARBOR INTL - MARICOPA</b>						
2018	Apron:Rehabilitate Apron - Reconstruction	Recon. Terminal 4 Apron - Ph. IV (approx. 48,000 SY)	\$1,505,250.00	\$1,505,250.00	\$9,031,500.00	\$12,042,000.00
2018	Apron:Rehabilitate Apron - Reconstruction	Recon. T3 South Transition Apron (Apron East of T3 South Concourse, approx. 23,000 SY) as well as section of Twy D between D8 and D9 (approx. 8,000 SY)	\$1,058,500.00	\$1,058,500.00	\$6,351,000.00	\$8,468,000.00
2018	Other:Environmental Mitigation	Various Energy Efficiency Projects	\$625,000.00	\$625,000.00	\$3,750,000.00	\$5,000,000.00
2019	Apron:Rehabilitate Apron - Reconstruction	Recon. T3 N Inner Apron (approximately 43,600 SY)	\$1,890,500.00	\$1,890,500.00	\$11,343,000.00	\$15,124,000.00
2019	Apron:Rehabilitate Apron - Reconstruction	Recon. Terminal 4 Apron - Ph. V (approx. 48,000 sy)	\$1,505,250.00	\$1,505,250.00	\$9,031,500.00	\$12,042,000.00
2019	Other:Environmental Mitigation	Various energy efficiency projects	\$625,000.00	\$625,000.00	\$3,750,000.00	\$5,000,000.00
2020	Apron:Rehabilitate Apron - Reconstruction	Recon. Terminal 2 Apron and Demolish Extg. Concourse Building	\$2,875,000.00	\$2,875,000.00	\$17,250,000.00	\$23,000,000.00
2020	Planning:Conduct Noise Compatibility Plan Study/Update	Conduct FAR Part 150 Study	\$187,500.00	\$187,500.00	\$1,125,000.00	\$1,500,000.00
2020	Other:Environmental Mitigation	Various energy efficiency projects	\$625,000.00	\$625,000.00	\$3,750,000.00	\$5,000,000.00
2021	Other:Environmental Mitigation	Various energy efficiency projects	\$625,000.00	\$625,000.00	\$3,750,000.00	\$5,000,000.00
2021	Apron:Construct Apron - Capacity	Constr. T4 S1 Apron (approx. 57,300 SY)	\$762,500.00	\$762,500.00	\$4,575,000.00	\$6,100,000.00
2021	Taxiways:Construct Taxiway - Capacity	Constr. New Crossfield Twy V - Ph. 1	\$1,875,000.00	\$1,875,000.00	\$11,250,000.00	\$15,000,000.00
2021	Apron:Rehabilitate Apron - Reconstruction	Recon. West Air Cargo Apron (approx. 67,830 SY)	\$644,250.00	\$644,250.00	\$3,865,500.00	\$5,154,000.00
2021	Apron:Rehabilitate Apron - Reconstruction	Recon. Northwest Apron (north of Twy A between A3 and A4, approx. 40,000 SY)	\$1,094,875.00	\$1,094,875.00	\$6,569,250.00	\$8,759,000.00
2021	Taxiways:Rehabilitate Taxiway - Reconstruct	Recon. Twy Connector F8 (approx. 2,000 sy)	\$689,250.00	\$689,250.00	\$4,135,500.00	\$5,514,000.00
2022	Runways:Rehabilitate Runway - Reconstruct	Remove & replace damaged concrete panels on both ends of Rwy 7L-25R (approx. 2,000 ft x 80 ft on each end, totaling 320,000 sq ft). Work may include lighting, electrical work, drainage, & conduits. FAA Rwy Status Light System may need to be replaced.	\$3,250,000.00	\$3,250,000.00	\$19,500,000.00	\$26,000,000.00
2022	Other:Environmental Mitigation	Various Energy Efficiency Projects	\$625,000.00	\$625,000.00	\$3,750,000.00	\$5,000,000.00
2022	Runways:Rehabilitate Runway - Reconstruct	Remove and replace damaged concrete panels at the west end of Rwy 8-26 (approx. 2,000 ft x 80 ft). Work may include lighting, electrical work, drainage, and conduits. FAA Rwy Status Light System may need to be replaced.	\$1,625,000.00	\$1,625,000.00	\$9,750,000.00	\$13,000,000.00
2022	Taxiways:Construct Taxiway - Capacity	Constr. New Crossfield Twy V - Ph. 2	\$1,875,000.00	\$1,875,000.00	\$11,250,000.00	\$15,000,000.00

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>PHOENIX SKY HARBOR INTL - MARICOPA</b>						
2022	Runways:Rehabilitate Runway - Reconstruct	Remove & replace damaged concrete panels on both ends of Rwy 7R-25L (approx. 2,000ft x 80ft on each end, totaling 320,000 sq ft). Work may include lighting, electrical work, drainage, & conduits. FAA Rwy Status Light System may need to be replaced.	\$3,250,000.00	\$3,250,000.00	\$19,500,000.00	\$26,000,000.00
<b>Airport Total:</b>			<b>\$27,212,875.00</b>	<b>\$27,212,875.00</b>	<b>\$163,277,250.00</b>	<b>\$217,703,000.00</b>
<b>PHOENIX-MESA GATEWAY - MARICOPA</b>						
2018	Equipment:Acquire Aircraft Rescue & Fire Fighting Safety Equipment [Required By Part 139] - Safety/Security	Aircraft Rescue & Fire Fighting Vehicle Purchase to replace aging Oshkosh T-1500 (F21). PFC	\$46,935.00	\$46,935.00	\$956,130.00	\$1,050,000.00
2018	Taxiways:<Extend/Widen/Strengthen> Taxiway - Standards	Twy C extension Ph. 3 Construct from Twys L to P (approx. 4,100 ft x 75 ft with 35 ft Twy shoulders) including lighting, drainage, signage and marking.	\$375,480.00	\$375,480.00	\$7,649,040.00	\$8,400,000.00
2018	Buildings:<Construct/Expand/Improve/Modify/Rehabilitate> Building - Standards	New Air Traffic Control Tower Design following completion of ATCT site selection study (underway). Design will meet current FAA design standards for tower height and cab size.	\$62,580.00	\$62,580.00	\$1,274,840.00	\$1,400,000.00
2018	Terminal Development:<Improve/Modify/Rehabilitate> Terminal Building - Capacity	W Term Baggage Claim: Expand TSA checkpoint/ landside road, conversion of extg. Term. facilities or demolition & construct new facility Rehab existing historical hangar & exterior canopies for walkways & connections between terminal bldgs. PFC Project	\$80,460.00	\$80,460.00	\$1,639,080.00	\$1,800,000.00
2019	Taxiways:Extend Taxiway - Capacity	Twy Lima Extension Ph. 3 between 30L & 30C - 75 ft x 1,500 ft (12,500 sy PCC), plus shoulders - 35 ft x 1,500 lf (12,000 sy ACP) including drainage & lighting.	\$178,800.00	\$178,800.00	\$3,642,400.00	\$4,000,000.00
2019	Apron:Expand Apron - Capacity	Alpha Apron Expansion Ph. 3 (approx. 240,000 SF) of AC parking apron, including lighting, marking, signage, electrical connections and drainage improvements. (PFC Alternate)	\$223,500.00	\$223,500.00	\$4,553,000.00	\$5,000,000.00
2019	Terminal Development:Construct Terminal Building - Capacity	Eastside Terminal Infrastructure Design through construction documents, east side Terminal infrastructure including utilities, roadways, drainage, lighting and signage.	\$89,400.00	\$89,400.00	\$1,821,200.00	\$2,000,000.00
2019	Apron:Construct Apron - Capacity	East Side Apron Design approx. 82,200 sy for east side passenger terminal development. Estimate is 1,000,000 sf of apron.	\$67,050.00	\$67,050.00	\$1,365,900.00	\$1,500,000.00
2020	Terminal Development:Construct Terminal Building - Capacity	Eastside Terminal Area infrastructure Construction per Airport Master Plan. Project includes site work, infrastructure, and roadways.	\$804,600.00	\$804,600.00	\$16,390,800.00	\$18,000,000.00
2020	Apron:Construct Apron - Capacity	Eastside Apron Construct approx. 82,200 sy. (1 million SF) Includes lighting, drainage, signage and markings.	\$1,117,500.00	\$1,117,500.00	\$22,765,000.00	\$25,000,000.00

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>PHOENIX-MESA GATEWAY - MARICOPA</b>						
2021	Terminal Development:Construct Terminal Building - Capacity	Eastside Terminal Building Design Ph 1 approx 300,000 SF and includes AC gates, ticketing/check-in, baggage claim, security screening, concession space and circulation.	\$312,900.00	\$312,900.00	\$6,374,200.00	\$7,000,000.00
2021	Apron:Construct Apron - Environmental Mitigation	Enclosed Aircraft Run-up area Design/Constr. Ph. 1 & 2 of AC runup area to accommodate ADG III AC for engine maintenance runs. Area is 260 ft x 390 ft, may include jet blast fence or other safety and sound-suppression measures.	\$162,038.00	\$162,037.00	\$3,300,925.00	\$3,625,000.00
2022	Terminal Development:Construct Terminal Building - Capacity	East Terminal Building Construction Ph 1 approx 300,000 sf includes AC gates, ticketing/check-in, baggage claim, security screening, concession space and circulation.	\$3,576,000.00	\$3,576,000.00	\$72,848,000.00	\$80,000,000.00
<b>Airport Total:</b>			<b>\$7,097,243.00</b>	<b>\$7,097,242.00</b>	<b>\$144,580,515.00</b>	<b>\$158,775,000.00</b>
<b>POLACCA - NAVAJO</b>						
2018	Runways:Rehabilitate Runway - Reconstruct	Recon. Rwy 4/22 (4,200 ft x 60 ft) (Design Only)	\$11,175.00	\$11,175.00	\$227,650.00	\$250,000.00
2019	Runways:Rehabilitate Runway - Reconstruct	Recon. Rwy 4/22 (4,200 ft x 60 ft) (Constr.)	\$134,100.00	\$134,100.00	\$2,731,800.00	\$3,000,000.00
2021	Buildings:<Construct/Expand/Imp/Modify/Rehabilitate> <Snow Removal Equipment/Chemical Storage Building/etc.> - Standards	Constr. SRE Building (40 ft x 50 ft)	\$17,209.50	\$17,209.50	\$350,581.00	\$385,000.00
<b>Airport Total:</b>			<b>\$162,484.50</b>	<b>\$162,484.50</b>	<b>\$3,310,031.00</b>	<b>\$3,635,000.00</b>
<b>RYAN FIELD - PIMA</b>						
2018	Other:Improve Airport <Drainage/Erosion Control/Miscellaneous Improvements> - Standards	Construct an earth dike (approx. 3,500 lf) and adjacent drainage channel in accordance with FEMA standards.	\$108,848.00	\$108,849.00	\$2,217,388.00	\$2,435,085.00
2019	Other:<Construct/Rehabilitate> Parking Lot [Non Revenue Producing-Non Hub/MAP] - Other	Reconstruct Aviator Lane parking lots (approximately 28,350 sf). Project includes restriping and markings.	\$5,284.00	\$5,285.00	\$107,650.00	\$118,219.00
2019	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Other	Mill and overlay Aviator Lane (approximately 43,700 sf). Project includes pavement markings and restriping.	\$6,489.00	\$6,490.00	\$132,197.00	\$145,176.00
2020	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Service Road - Other	Construct airside service road and parking in front of wash rack and along the southern edge of the tower apron. Project includes pavement markings and signage.	\$10,592.00	\$10,592.00	\$215,776.00	\$236,960.00
2021	Apron:Construct Apron - Capacity	Ph.1 construction of a portion of the new East apron for AC parking (approximatrelly 44,700 sy) at the end of East Access Road.	\$183,128.00	\$183,128.00	\$3,730,564.00	\$4,096,820.00
2022	Apron:Construct Apron - Capacity	Ph. 2 construction of a portion of the new East apron for aircraft parking (approximatrelly 17,600 sy) at the end of East Access Road.	\$288,400.00	\$288,400.00	\$5,875,100.00	\$6,451,900.00
<b>Airport Total:</b>			<b>\$602,741.00</b>	<b>\$602,744.00</b>	<b>\$12,278,675.00</b>	<b>\$13,484,160.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>SAFFORD RGNL - GRAHAM</b>						
2020	Heliport:<Construct/Expand/Improve/Modify/Rehabilitate> Helipad/Heliport - Standards	Constr. Additional Helipads (Design)	\$5,364.00	\$5,364.00	\$109,272.00	\$120,000.00
2021	Heliport:<Construct/Expand/Improve/Modify/Rehabilitate> Helipad/Heliport - Standards	Constr. Additional Helipads (Constr.)	\$44,700.00	\$44,700.00	\$910,600.00	\$1,000,000.00
2022	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO Or CL) - Standards	Rwy 12-30, Twys A and B Electrical Improvements (Design) - This project consists of replacing extg. Rwy 12-30 edge lights with LED fixtures and converting guidance signs to LED.	\$6,705.00	\$6,705.00	\$136,590.00	\$150,000.00
<b>Airport Total:</b>			<b>\$56,769.00</b>	<b>\$56,769.00</b>	<b>\$1,156,462.00</b>	<b>\$1,270,000.00</b>
<b>SAN CARLOS APACHE - GILA</b>						
2018	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO Or CL) - Standards	Replace Rwy signage and beacon and install supplemental wind cone for Rwy 27	\$5,140.50	\$5,140.50	\$104,719.00	\$115,000.00
2018	Apron:Install Apron Lighting - Standards	Install area lighting adjacent to apron	\$4,470.00	\$4,470.00	\$91,060.00	\$100,000.00
2021	Taxiways:Install Taxiway Lighting (e.g., SMGCS, Reflectors, MITL) - Standards	Install lighting and signage on Twys A, A1, A2, A3, A4, A5 and A6	\$33,525.00	\$33,525.00	\$682,950.00	\$750,000.00
2022	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	Airport Drainage Study	\$4,470.00	\$4,470.00	\$91,060.00	\$100,000.00
<b>Airport Total:</b>			<b>\$47,605.50</b>	<b>\$47,605.50</b>	<b>\$969,789.00</b>	<b>\$1,065,000.00</b>
<b>SAN MANUEL - PINAL</b>						
2018	Land:Acquire Miscellaneous Land {Describe, e.g., Land For Outer Marker, Relocate Road}	Approx. 161 acres of land will be acquired by the airport.	\$20,115.00	\$20,115.00	\$409,770.00	\$450,000.00
2019	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	An updated drainage master plan will be completed, accounting for projects completed since the last plan and incorporating future improvements.	\$6,705.00	\$6,705.00	\$136,590.00	\$150,000.00
2020	Apron:Expand Apron - Capacity	Design for apron expansion to allow for eight 5-unit T-hangar structures to be constr.	\$5,811.00	\$5,811.00	\$118,378.00	\$130,000.00
2021	Apron:Expand Apron - Capacity	Constr. apron expansion to allow for eight 5-unit T-hangar structures to be constr.	\$58,110.00	\$58,110.00	\$1,183,780.00	\$1,300,000.00
2022	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Other	Relocate southeast portion of the public access road to the southeast outside of the RPZ.	\$5,811.00	\$5,811.00	\$118,378.00	\$130,000.00
<b>Airport Total:</b>			<b>\$96,552.00</b>	<b>\$96,552.00</b>	<b>\$1,966,896.00</b>	<b>\$2,160,000.00</b>
<b>SCOTTSDALE - MARICOPA</b>						
2018	Apron:Rehabilitate Apron - Reconstruction	Reconstruct a portion of the Transient Apron (400 ft. x 500 ft.). Approximately 22,000 SY	\$102,810.00	\$102,810.00	\$2,094,380.00	\$2,300,000.00
2019	Runways:Rehabilitate Runway - Reconstruct	Rehabilitate 97,900 sy - 8,250 x 100 ft. The project also includes improving Rwy shoulders, blast pads, new MIRL, and signage.	\$326,310.00	\$326,310.00	\$6,647,380.00	\$7,300,000.00
2019	Other:Install <Guidance Signs/ Runway Incurion Caution Bars> [Non Part 139 CS] - Statutory Emphasis Programs	Installation of Guard Lights on 11 twy connectors.	\$89,400.00	\$89,400.00	\$1,821,200.00	\$2,000,000.00

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>SCOTTSDALE - MARICOPA</b>						
2020	Apron:Rehabilitate Apron - Reconstruction	Recon. the Delta Apron (approx. 480 ft x 350 ft), 22,225 sy, located on the west side of the airfield at the south end of the airport.	\$169,860.00	\$169,860.00	\$3,460,280.00	\$3,800,000.00
2020	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	Preparation of an EA for the acquisition of approx. 4.0 acres of land for airport development. APN: 215-56-089A,090A,091A,092A, and 093A.	\$8,940.00	\$8,940.00	\$182,120.00	\$200,000.00
2021	Taxiways:Rehabilitate Taxiway - Reconstruct	Rehabilitate Twy C, approx. 200 ft x 40 ft (1,000 sy).	\$7,822.00	\$7,823.00	\$159,355.00	\$175,000.00
2022	Land:Acquire <Land/Easement> For Development/Relocation	Acquisition of approx. 4.0 acres of land for airport development. APN: 215-56-089A,090A,091A,092A, and 093A.	\$424,650.00	\$424,650.00	\$8,650,700.00	\$9,500,000.00
<b>Airport Total:</b>			<b>\$1,129,792.00</b>	<b>\$1,129,793.00</b>	<b>\$23,015,415.00</b>	<b>\$25,275,000.00</b>
<b>SEDONA - YAVAPAI</b>						
2018	Other:<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP] - Other	Design & Construct Fire Suppression System Upgrades	\$47,490.00	\$47,491.00	\$967,446.00	\$1,062,427.00
2019	Taxiways:<Extend/Widen/Strengthen> Taxiway - Standards	Design Twy A Extension (7,350 SY)	\$22,082.00	\$22,082.00	\$449,836.00	\$494,000.00
2020	Runways:<Construct/Extend/Improve> Runway Safety Area [Non-Primary Airports] - Standards	Construct Rwy 3/21 Safety Areas	\$240,799.00	\$240,799.00	\$4,905,402.00	\$5,387,000.00
2021	Taxiways:Extend Taxiway - Capacity	Construct Taxiway A Extension (7,350 SY)	\$95,971.00	\$95,971.00	\$1,955,058.00	\$2,147,000.00
2022	Equipment:Acquire Equipment (e.g., Sweepers, etc.) - Standards	Purchase Pavement Maintenance Sweeper	\$9,834.00	\$9,834.00	\$200,332.00	\$220,000.00
<b>Airport Total:</b>			<b>\$416,176.00</b>	<b>\$416,177.00</b>	<b>\$8,478,074.00</b>	<b>\$9,310,427.00</b>
<b>SHOW LOW RGNL - NAVAJO</b>						
2018	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Conduct Master Plan Update w/ Airport GIS	\$11,875.00	\$11,875.00	\$451,250.00	\$475,000.00
2019	Runways:Rehabilitate Runway - Reconstruct	Rehab. Rwy 6/24 (7,200 ft x 100 ft) Mill & Overlay (Constr. Only)	\$62,500.00	\$62,500.00	\$2,375,000.00	\$2,500,000.00
2020	Apron:Expand Apron - Capacity	Apron expansion east of terminal building (16,000 sy) (Design only)	\$3,750.00	\$3,750.00	\$142,500.00	\$150,000.00
2021	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	EA to Constr. Rwy 18/36 and Parallel Twy D	\$7,500.00	\$7,500.00	\$285,000.00	\$300,000.00
<b>Airport Total:</b>			<b>\$85,625.00</b>	<b>\$85,625.00</b>	<b>\$3,253,750.00</b>	<b>\$3,425,000.00</b>
<b>SIERRA VISTA MUNI-LIBBY AAF - COCHISE</b>						
2018	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	EA of approx. 9,000 ft x 75 ft of Twy J, A & B extension, Ph. 4; Twy J extension project will create a civilian side parallel Twy to main Rwy 8-26.	\$17,880.00	\$17,880.00	\$364,240.00	\$400,000.00
2019	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	EA of Rwy 12-30 and Twy K extension project. This project envisions extending Rwy 12-30 and Twy K 1,234 ft x 75 ft NW and constr. hold apron and 500 ft overrun. Constr. access road leading to AWOS.	\$8,940.00	\$8,940.00	\$182,120.00	\$200,000.00

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>SIERRA VISTA MUNI-LIBBY AAF - COCHISE</b>						
2019	Taxiways:<Extend/Widen/Strengthen> Taxiway - Standards	Design approx. 7,000 ft x 75 ft wide Twy J extension, 2,000 lf of adjoining Twy A & B Ph. 4 and 5. Twy J extension project will create a civilian side parallel Twy to main Rwy 8-26.	\$20,115.00	\$20,115.00	\$409,770.00	\$450,000.00
2020	Runways:<Extend/Widen/Strengthen> Runway [To Meet Standards] - Standards	Design Rwy 12-30 & Twy K extension project. Extend Rwy 12-30 & Twy K 1,234 ft x 75 ft NW and constr. hold apron and 500 ft overrun. Constr. access road leading to AWOS.	\$8,940.00	\$8,940.00	\$182,120.00	\$200,000.00
2020	Taxiways:Extend Taxiway - Capacity	Constr. approx. 4,500 ft x 75 ft Twy J extension Ph. 4 and adjoining 1,000 lf of Twy B extension. The Twy J extension project will create a civilian side parallel Twy to main Rwy 8-26.	\$100,575.00	\$100,575.00	\$2,048,850.00	\$2,250,000.00
2021	Taxiways:Construct Taxiway - Capacity	Constr. approx. 2,500 ft x 75 ft Twy J extension - Ph. 5 & 1,000 lf of adjoining Twy A. The Twy J extension project will create a civilian side parallel Twy to main Rwy 8-26.	\$55,875.00	\$55,875.00	\$1,138,250.00	\$1,250,000.00
2022	Runways:<Extend/Widen/Strengthen> Runway [To Meet Standards] - Standards	Constr. Rwy 12-30 & Twy K extension. Extend Rwy 12-30 & Twy K 1,234 ft x 75 ft NW and constr. hold apron and 500 ft overrun. Constr. access road leading to AWOS.	\$290,550.00	\$290,550.00	\$5,918,900.00	\$6,500,000.00
<b>Airport Total:</b>			<b>\$502,875.00</b>	<b>\$502,875.00</b>	<b>\$10,244,250.00</b>	<b>\$11,250,000.00</b>
<b>SPRINGERVILLE MUNI - APACHE</b>						
2018	Planning:<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	Update ALP Narrative with future projects.	\$6,705.00	\$6,705.00	\$136,590.00	\$150,000.00
2018	Land:Acquire <Land/Easement> For Development/Relocation	Obtain rights to the parcel.	\$1,341.00	\$1,341.00	\$27,318.00	\$30,000.00
2019	Runways:Rehabilitate Runway - Reconstruct	Construction of final phase V of this repairs and rehab project will include Taxiway A6, A4 and remaining 4,000 LF of runway 3/21. The project will include complete construction of the final portion of this V phase project.	\$118,813.00	\$118,812.00	\$2,420,375.00	\$2,658,000.00
2019	Equipment:Acquire Security Equipment/Install Perimeter Fencing [Not Part 107] - Standards	Installation of approximately 18,000 LF of Perimeter Fence (six foot chain link topped with three strands of barbed wire)Phase I, northwest to to southeast side of airport perimeter.	\$27,893.00	\$27,893.00	\$568,214.00	\$624,000.00
2020	Apron:Expand Apron - Capacity	Project identified on the ALP as an Apron expansion to keep aircraft from outside the RPZ & also rehab a portion of the existing apron where helicopters park.It would include marking & tie down layouts & new paved areas to accommodate aircraft relocation.	\$31,066.00	\$31,067.00	\$632,867.00	\$695,000.00

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>SPRINGVILLE MUNI - APACHE</b>						
2020	Equipment:Acquire Security Equipment/Install Perimeter Fencing [Not Part 107] - Standards	Installation of approximately 8,000 LF of Perimeter Fence (six foot chain link topped with three strands of barbed wire)Phase II, on additional man-gate and traffic control gate. northeast to to southwest side of airport perimeter.	\$27,893.00	\$27,893.00	\$568,214.00	\$624,000.00
2021	Buildings:<Construct/Expand/Imp/Modify/Rehabilitate> <Snow Removal Equipment/Chemical Storage Building/etc.> - Standards	Design SRE building (50 ft x 100 ft) north of terminal building.	\$39,112.00	\$39,113.00	\$796,775.00	\$875,000.00
2022	Buildings:<Construct/Expand/Imp/Modify/Rehabilitate> <Snow Removal Equipment/Chemical Storage Building/etc.> - Standards	Construct SRE building (50 ft x 100 ft) north of terminal building.	\$39,112.00	\$39,113.00	\$796,775.00	\$875,000.00
2022	Apron:Expand Apron - Capacity	Construct North Transient Apron Expansion (5,000 SF)	\$44,253.00	\$44,253.00	\$901,494.00	\$990,000.00
<b>Airport Total:</b>			<b>\$336,188.00</b>	<b>\$336,190.00</b>	<b>\$6,848,622.00</b>	<b>\$7,521,000.00</b>
<b>TAYLOR - NAVAJO</b>						
2019	Other:<Light/Mark/Remove> Obstructions - Standards	Relocate TW A Obstruction - install new self serve Av gas fuel farm with provision for future Jet-A fuel northeast of the apron. Install 3,000 sy of apron and taxilanes for fuel farm relocation.	\$15,645.00	\$15,645.00	\$318,710.00	\$350,000.00
2020	Apron:Expand/Strengthen Apron - Standards	Expand and reconfigure apron (5,000 sy) on east side of existing apron to meet design standards by eliminating direct access to Runway 3-21.	\$29,055.00	\$29,055.00	\$591,890.00	\$650,000.00
2021	Taxiways:Rehabilitate Taxiway Lighting - Reconstruct	Replace 16 obsolete Rwy and Twy guidance signs with new LED signs	\$7,822.00	\$7,823.00	\$159,355.00	\$175,000.00
2021	Taxiways:Install Taxiway Lighting (e.g., SMGCS, Reflectors, MITL) - Standards	Install new LED Medium Intensity Taxiway Lights on 7,000-ft parallel taxiway. Replace MITL on five connecting TW with LED fixtures.	\$26,820.00	\$26,820.00	\$546,360.00	\$600,000.00
2022	Ground Transportation:<Construct/Expand/Improve/Modify/Rehabilitate> Access Road - Other	Construct access road (1,500 ft x 24 ft) along the SE side of the existing hangar development area to hangars near Rwy 21 threshold.	\$14,751.00	\$14,751.00	\$300,498.00	\$330,000.00
<b>Airport Total:</b>			<b>\$94,093.00</b>	<b>\$94,094.00</b>	<b>\$1,916,813.00</b>	<b>\$2,105,000.00</b>
<b>TUBA CITY - COCONINO</b>						
2021	Taxiways:Rehabilitate Taxiway - Reconstruct	Install 7 ft chain link fence w/ barbed wire and gates. (Approx. 19,700 ft)	\$33,525.00	\$33,525.00	\$682,950.00	\$750,000.00
2022	Other:Improve Airport <Drainage/Erosion Control/Miscellaneous Improvements> - Standards	Install AWOS	\$18,997.50	\$18,997.50	\$387,005.00	\$425,000.00
<b>Airport Total:</b>			<b>\$52,522.50</b>	<b>\$52,522.50</b>	<b>\$1,069,955.00</b>	<b>\$1,175,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>TUCSON INTL - PIMA</b>						
2018	Taxiways:Rehabilitate Taxiway - Reconstruct	Ph.2 - Recon.TWY D, TWY D service road, fillets, shoulders and connectors from TWY D1 to D2. Mill/overlay (approx. 11,087 s.y.). Project includes electrical and drainage infrastructure, earthwork/grading, marking and re-striping.	\$96,476.00	\$96,476.00	\$1,965,348.00	\$2,158,300.00
2018	Taxiways:Rehabilitate Taxiway - Reconstruct	Ph. 1 - Recon. TWY D, TWY D service road, TWY D2,fillets, shoulders and connectors from TWY A to D2. Mill/overlay (approx. 33,413 s.y.). Includes electrical and drainage infrastructure, earthwork/grading, marking and re-striping.	\$115,670.00	\$115,670.00	\$2,356,360.00	\$2,587,700.00
2018	Taxiways:Rehabilitate Taxiway - Reconstruct	Construction of the rehabilitation of a portion of TWY A, shoulders and erosion control from RWY 3/21 to TWY A7(approx. 83,700 S.Y.). Project also includes pavement markings and re-striping.	\$79,604.00	\$79,604.00	\$1,621,642.00	\$1,780,850.00
2019	Runways:<Extend/Widen/Strengthen> Runway [To Meet Standards] - Standards	Design for proposed development of 150 ft x 11,000 ft PCC RWY 11R-29L. Project includes relocation of existing RWY and construction. of new parallel RWY.	\$554,666.00	\$554,666.00	\$11,299,299.00	\$12,408,631.00
2020	Equipment:Acquire Aircraft Rescue & Fire Fighting Safety Equipment [Required By Part 139] - Safety/Security	Replace existing fire apparatus AP-760.	\$40,230.00	\$40,230.00	\$819,540.00	\$900,000.00
2020	Taxiways:Rehabilitate Taxiway - Reconstruct	Mill and Overlay TWY A between A8 and A17 (approx. 1,135,350 s.f.). Project also calls for fillet widening at A11, A13, A17 and the removal and replacement of shoulders and erosion control. Project includes marking and re-striping.	\$264,862.00	\$264,862.00	\$5,395,605.00	\$5,925,329.00
2020	Taxiways:Rehabilitate Taxiway - Reconstruct	Ph.3 - Recon. TWY D South Alpha to mid portion of TWY D, shoulders and connectors. Mill/overlay (approx. 450,000 sf). Project includes marking and re-striping.	\$121,732.00	\$121,731.00	\$2,479,837.00	\$2,723,300.00
2021	Runways:<Construct/Extend/Improve> Runway Safety Area [Non-Primary Airports] - Standards	Construct 150 ft x 11,000 ft PCC RWY 11R-29L. Project includes relocation of existing RWY and construction of new parallel RWY.	\$2,360,048.00	\$2,360,047.00	\$48,077,389.00	\$52,797,484.00
2022	Runways:Install Runway <Vertical/Visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Construct 150 ft x 11,000 ft PCC RWY 11R-29L. Project includes relocation of existing RWY and construction of new parallel RWY.	\$5,064,130.00	\$5,064,129.00	\$103,163,232.00	\$113,291,491.00
<b>Airport Total:</b>			<b>\$8,697,418.00</b>	<b>\$8,697,415.00</b>	<b>\$177,178,252.00</b>	<b>\$194,573,085.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>WHITERIVER - NAVAJO</b>						
2018	Runways:Install Runway <Vertical/Visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Replace PAPI and REILs.	\$12,963.00	\$12,963.00	\$264,074.00	\$290,000.00
2019	Taxiways:Rehabilitate Taxiway - Reconstruct	Crack Seal, Fog Seal and Remark Twy A (6,350 ft x 35 ft) and Connector Twys (5- at 240 ft x 35 ft)	\$8,716.50	\$8,716.50	\$177,567.00	\$195,000.00
2019	Other:<Light/Mark/Remove> Obstructions - Standards	Remove Building RI in BIA yard.	\$3,799.50	\$3,799.50	\$77,401.00	\$85,000.00
2021	Taxiways:Install Taxiway Lighting (e.g., SMGCS, Reflectors, MITL) - Standards	Install lighting and signage on Twy A and connectors.	\$21,009.00	\$21,009.00	\$427,982.00	\$470,000.00
<b>Airport Total:</b>			<b>\$46,488.00</b>	<b>\$46,488.00</b>	<b>\$947,024.00</b>	<b>\$1,040,000.00</b>
<b>WICKENBURG MUNI - MARICOPA</b>						
2018	Apron:Construct Apron - Environmental Mitigation	Design wash rack to help ensure that AC washing meets all state and federal environmental requirements.	\$1,173.00	\$1,174.00	\$23,903.00	\$26,250.00
2018	Taxiways:Construct Taxiway - Capacity	Design an expanded T-hangar development area including site preparation, drainage, utilities, and taxilanes (15,000 sy).	\$6,705.00	\$6,705.00	\$136,590.00	\$150,000.00
2019	Runways:Install Runway <Vertical/Visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Design installation of ODALs for Rwy 23.	\$670.00	\$671.00	\$13,659.00	\$15,000.00
2019	Taxiways:Construct Taxiway - Capacity	Constr. expanded T-hangar development area including site preparation, drainage, utilities, and taxilanes (15,000 sy).	\$67,050.00	\$67,050.00	\$1,365,900.00	\$1,500,000.00
2019	Apron:Construct Apron - Environmental Mitigation	Constr. of a wash rack that will help ensure that AC washing meets all state and federal environmental requirements.	\$7,822.00	\$7,823.00	\$159,355.00	\$175,000.00
2020	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO Or CL) - Standards	Design for the installation of LED MIRL/MITL (approx. 13,450 lf).	\$1,542.00	\$1,542.00	\$31,416.00	\$34,500.00
2020	Runways:Install Runway <Vertical/Visual> Guidance System [PAPI/VASI/REIL/ALS/etc.] - Standards	Install ODALs for Rwy 23.	\$4,470.00	\$4,470.00	\$91,060.00	\$100,000.00
2021	Runways:Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO Or CL) - Standards	Installation of LED MIRL/MITL (approx. 13,450 lf).	\$10,281.00	\$10,281.00	\$209,438.00	\$230,000.00
<b>Airport Total:</b>			<b>\$99,713.00</b>	<b>\$99,716.00</b>	<b>\$2,031,321.00</b>	<b>\$2,230,750.00</b>
<b>WINDOW ROCK - APACHE</b>						
2018	Runways:Rehabilitate Runway - Reconstruct	Rehab. Rwy 2/20 (7,000 ft x 75 ft) (Constr. Only)	\$178,800.00	\$178,800.00	\$3,642,400.00	\$4,000,000.00
2021	Apron:Rehabilitate Apron - Reconstruction	Recon. Apron (19,050 sy)	\$96,105.00	\$96,105.00	\$1,957,790.00	\$2,150,000.00
<b>Airport Total:</b>			<b>\$274,905.00</b>	<b>\$274,905.00</b>	<b>\$5,600,190.00</b>	<b>\$6,150,000.00</b>

<i>FY</i>	<i>Project Component</i>	<i>Project Description</i>	<i>State Share</i>	<i>Local Share</i>	<i>Federal Share</i>	<i>Project Total</i>
<b>WINSLOW-LINDBERGH RGNL - NAVAJO</b>						
2018	Taxiways:Rehabilitate Taxiway - Reconstruct	Design Taxiway B Reconstruction (50 ft x 6,800 ft)	\$11,175.00	\$11,175.00	\$227,650.00	\$250,000.00
2019	Taxiways:Rehabilitate Taxiway - Reconstruct	Construct Taxiway B Reconstruction (50 ft x 3400 ft) - Phase 1	\$71,520.00	\$71,520.00	\$1,456,960.00	\$1,600,000.00
2020	Taxiways:Rehabilitate Taxiway - Reconstruct	Construct Taxiway B Reconstruction (50 ft x 3,400 ft) - Phase 2	\$65,126.00	\$65,126.00	\$1,326,708.00	\$1,456,960.00
2021	Apron:Rehabilitate Apron - Reconstruction	Apron Reconstruction (400 ft x 350 ft, approximately 15,555 SY) - Phase 2	\$35,760.00	\$35,760.00	\$728,480.00	\$800,000.00
2022	Planning:Conduct <Environmental Assessment/Environmental Impact Statement/Feasibility> <Study/Update>	Environmental Assessment for Land Acquisition - Conduct EA for land acquisitions for Runway 4-22 pavement shift and levee relocation: Parcel ID #103-09-003H (75 acres, State Land Department), and #103-09-002H (3 acres)	\$8,940.00	\$8,940.00	\$182,120.00	\$200,000.00
<b>Airport Total:</b>			<b>\$192,521.00</b>	<b>\$192,521.00</b>	<b>\$3,921,918.00</b>	<b>\$4,306,960.00</b>
<b>YUMA MCAS/YUMA INTL - YUMA</b>						
2018	Apron:Rehabilitate Apron - Reconstruction	Design rehab. Of apron areas between T-hangars North of Twy Z2 in western portion of the airfield and T-hangar apron area North of Taxiway Z in NW portion of the airfield, approx. 24,000 SY total for both areas.	\$5,588.00	\$5,587.00	\$113,825.00	\$125,000.00
2019	Apron:Rehabilitate Apron - Reconstruction	Constr. the rehab. of apron areas North of Twy Z2 in western portion of airfield and T-hangar apron area North of Twy Z in NW portion of airfield, approx. 24,000 SY total for both areas.	\$67,050.00	\$67,050.00	\$1,365,900.00	\$1,500,000.00
2020	Taxiways:Install Taxiway Lighting (MITL) [Required By Part 139] - Safety/Security	Design 10,000 lf new lighting on Twy F and Twy H with recon. of extg. Electrical vault to include emergency generator.	\$6,705.00	\$6,705.00	\$136,590.00	\$150,000.00
2021	Taxiways:Install Taxiway Lighting (MITL) [Required By Part 139] - Safety/Security	Constr. 10,000 lf new lighting on Twy F and Twy H with recon. of extg. Electrical vault to include emergency generator.	\$111,750.00	\$111,750.00	\$2,276,500.00	\$2,500,000.00
2022	Apron:Rehabilitate Apron - Reconstruction	Design the plans for restriping and marking of Twy shoulders, centerlines and Rwy hold shorts.	\$55,875.00	\$55,875.00	\$1,138,250.00	\$1,250,000.00
<b>Airport Total:</b>			<b>\$246,968.00</b>	<b>\$246,967.00</b>	<b>\$5,031,065.00</b>	<b>\$5,525,000.00</b>
<b>All Requested FAA Projects</b>			<b>\$58,610,641.50</b>	<b>\$59,417,034.50</b>	<b>\$827,845,748.00</b>	<b>\$945,873,424.00</b>