

Transportation

Project Summary

	<i>File Number</i>	<i>Reference*</i>
Falcon Field Airport		
Apron Northwest of Falcon Field Terminal Building	04-079	FFA -039
Construct 4R Departure End Run-up Area	01-494	FFA -011
Construct Echo Apron	01-496	FFA -014
Construct Engine Run-Up Area Approach End 04R	04-076	FFA -037
Disadvantaged Business Enterprise Program	04-862	FFA -100
Extend Taxi lane B9 in new property	01-490	FFA -012
Falcon Drive Underpass	01-493	FFA -010
Falcon Field Master Plan Update	01-492	FFA -013
Falcon Field Terminal Building	01-479	FFA -007
Grade, Drain, Surface Parking Area in New Property	01-489	FFA -017
Land Acquisition, 33 acres	01-484	FFA -009
Pavement Preservation Program - ADOT IGA	01-488	FFA -020
Runway Incursion Prevention and Vehicle Access	04-850	FFA -036
Security Fencing, Multi-phase	02-397	FFA -035
Security Fencing, Phase 2	02-396	FFA -034
Intelligent Transportation		
Broadway Road: Center to Recker Smart Corridor Traffic Control System	01-429	ITS -001
Extend Fiber Optics along West Loop	04-077	ITS -007
Fiber Optic Lines - Signal System in Mesa	03-055	ITS -005
Main Street Smart Instrumentation	02-327	ITS -103
Real Time Traffic Control System: Country Club Drive, 8th Avenue to Baseline Road (Share w/ADOT)	01-422	ITS -002

**Reference number for Map and Project Detail pages*

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	<i>File Number</i>	<i>Reference*</i>
Mass Transit		
Light Rail Transit (LRT)	01-372	MT -002
Park & Ride Lot #2: (Gilbert and McDowell)	01-514	MT -008
Park & Ride Lot at US 60 and Power	01-507	MT -003
Passenger Shelters	01-505	MT -006
Superstition Springs Frontage Road: Power Road to Superstition Springs Boulevard	01-508	MT -009
Transit Center	01-511	MT -010
Regional Transportation Plan		
Broadway Road, Dobson Road to Country Club Drive	01-401	RTP -006
Gilbert Road and University Drive Intersection Reconstruction	01-373	RTP -001
Greenfield Road, Baseline Road to Southern Avenue	04-844	RTP -012
Greenfield Road, Southern Avenue to University Drive	04-845	RTP -013
Guadalupe Road and Dobson Road Intersection Improvements	01-370	RTP -002
Hawes Road, Elliot Road to Ray Road	04-847	RTP -015
Mckellips Road, Val Vista Drive to Higley Road	04-842	RTP -010
McKellips Road: Gilbert Road to Val Vista Drive	01-665	RTP -007
McKellips Road: Higley to Power	04-857	RTP -016
Mesa Drive, Superstition Freeway (US 60) to Broadway Road	01-817	RTP -008
Power Road, Guadalupe Road to San Tan Freeway	04-843	RTP -011
Ray Road, Sossaman Road to Ellsworth Road	01-205	RTP -005

**Reference number for Map and Project Detail pages*

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	<i>File Number</i>	<i>Reference*</i>
Southern Ave, Country Club Drive to Stapley Drive	01-814	RTP -009
Southern Avenue, Stapley Drive to Lindsay Road	04-846	RTP -014
Thomas Road, Gilbert Road to Val Vista Drive	01-395	RTP -003
University Drive and Country Club Drive Intersection Improvements	01-397	RTP -004

Streets

Arterial and Residential Road Reconstruction	04-841	STR -113
Bicycle Bridge at Pennington and Western Canal (City's share of Federal Aid project)	01-382	STR -058
City Share for Street Lighting	01-362	STR -010
Ellsworth Road, University Drive to McLellan (cost share- MCDOT)	01-830	STR -032
Ellsworth Road: 1/2 Mile South of Guadalupe Road to Germann Road (with McDOT)	01-720	STR -033
Extra Width City Participation City's Share	01-364	STR -017
General Improvements of Freeway Corridors	01-834	STR -015
Gilbert Road & US60 Conduit & Fiber	02-324	STR -101
Install New and Upgrade Signals	01-365	STR -012
Lehi Road Sidewalk-North of McDowell Road	02-328	STR -104
Lehi Roadway Chip Sealing	02-329	STR -105
Power Road Smart Street Instrumentation	02-325	STR -102
Southern Avenue and Lindsay Road Intersection Improvements	01-399	STR -070
Transit Maintenance Facility LNG and Office Improvements	03-057	STR -114
Transportation Building Second Floor	03-064	STR -111

**Reference number for Map and Project Detail pages*

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	<i>File Number</i>	<i>Reference*</i>
US 60, Price Freeway to Val Vista Drive (in partnership with ADOT)	01-824	STR -096
Various Arterial Street Improvements Crossing US 60 (with ADOT)	01-369	STR -007

**Reference number for Map and Project Detail pages*

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Future Projects

Falcon Field Airport

Falcon Drive Reconstruction

Upgrade Security Fencing

Streets

Arterial Landscaping and Improvements to Landscaping

Arterial Street Lighting

Baseline Road, Hawes Road to Ellsworth Road

Broadway Road, Power Road to Sossaman Road

Center Street, McKellips Road to Lehi Road

Dobson Ranch Street Lighting Upgrades

Dobson Rd. and Southern Ave. Improvements adjacent to MCC (50/50 split with MCC)

Dobson Road Landscaping: 8th Avenue to Main Street

Guadalupe Rd. east of Power Rd. Bridge over drainage channel for pedestrians and bicycles

Higley Road, Broadway Road to Main Street

Install Screen Wall: Material Storage Yard East of Adobe

Internally Illuminated Street Name Signs

McLellan Road Improvements, East of Val Vista

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Future Projects

Streets

Neighborhood Street Lighting Improvements

New Arterial Landscaping

Street Improvements at Various Locations

Transportation Building Second Floor

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Project Detail

Falcon Field Airport

01-479 Falcon Field Terminal Building

FFA-007

Problem

The existing terminal is more than 30 years old and does not adequately serve the users of the airport.

Solution

The airport currently has completed a schematic design and has a State grant that is funding 90% of the design cost with an anticipated phase 1 for construction.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Design	\$31,500	\$0	\$0	\$0	\$0	\$0	\$31,500
8800	SA	Design	\$283,500	\$0	\$0	\$0	\$0	\$0	\$283,500
8800	020	Construction	\$0	\$175,000	\$181,476	\$0	\$0	\$0	\$356,476
8800	SA	Construction	\$0	\$1,575,000	\$1,633,283	\$0	\$0	\$0	\$3,208,283
			\$315,000	\$1,750,000	\$1,814,759	\$0	\$0	\$0	\$3,879,759
<i>Non-Capital/Start-Up Costs</i>									
8800	020	Misc	\$0	\$0	\$4,148	\$0	\$0	\$0	\$4,148
			\$0	\$0	\$4,148	\$0	\$0	\$0	\$4,148
<i>Total (Non-Capital & Capital Costs)</i>									
			\$315,000	\$1,750,000	\$1,818,906	\$0	\$0	\$0	\$3,883,906
<i>Operations & Maint Costs</i>									
8800	020	Other Services	\$0	\$0	\$0	\$110,774	\$113,222		
8800	020	Commodities	\$0	\$0	\$0	\$9,787	\$10,004		
			\$0	\$0	\$0	\$120,561	\$123,226		

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Project Detail

01-484

Land Acquisition, 33 acres

FFA-009

Problem

This property is currently the only land not owned by the airport in the 1 mile square that the airport encompasses. The project will provide additional land for new airport related development. This project is identified in the Falcon Field Airport Master Plan and is a part of a continuing effort to enhance the safety, utility, and quality of Falcon Field.

Solution

Purchase Property. A Federal and State grant will be used to fund 97.5% of the total cost of the project.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Land Acquisition	\$0	\$750	\$89,709	\$0	\$0	\$0	\$90,459
8800	FA	Land Acquisition	\$0	\$28,500	\$3,408,930	\$0	\$0	\$0	\$3,437,430
8800	SA	Land Acquisition	\$0	\$750	\$89,708	\$0	\$0	\$0	\$90,458
			\$0	\$30,000	\$3,588,347	\$0	\$0	\$0	\$3,618,347
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$30,000	\$3,588,348	\$0	\$0	\$0	\$3,618,348

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Project Detail

01-493

Falcon Drive Underpass

FFA-010

Problem

Currently aircraft going from airside to landside on Taxiway B must cross Falcon Drive. This creates a potentially dangerous situation if vehicular traffic fails to yield to taxing aircraft. This project will provide a taxiway bridge for aircraft. This project is identified in the Falcon Field Airport Master Plan, and is a part of a continuing effort to enhance the safety, utility and quality of Falcon Field.

Solution

Install underpass. A Federal and State grant will be used to fund 95% of the total cost of the project.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Design	\$173,104	\$0	\$0	\$0	\$0	\$0	\$173,104
8800	FA	Design	\$8,979	\$0	\$0	\$0	\$0	\$0	\$8,979
8800	SA	Design	\$8,980	\$0	\$0	\$0	\$0	\$0	\$8,980
8800	020	Construction	\$112,491	\$112,491	\$0	\$0	\$0	\$0	\$224,982
8800	FA	Construction	\$2,291,600	\$2,291,600	\$0	\$0	\$0	\$0	\$4,583,200
8800	SA	Construction	\$112,491	\$112,491	\$0	\$0	\$0	\$0	\$224,982
			\$2,707,645	\$2,516,582	\$0	\$0	\$0	\$0	\$5,224,227
<i>Total (Non-Capital & Capital Costs)</i>									
			\$2,707,645	\$2,516,582	\$0	\$0	\$0	\$0	\$5,224,227

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Project Detail

01-494 Construct 4R Departure End Run-up Area

FFA-011

Problem

This project will give the airport increased capacity for aircraft waiting to takeoff. This project is identified in the Falcon Field Airport Master Plan and is a part of a continuing effort to enhance the safety, utility, and quality of Falcon Field.

Solution

Install run-up area. A Federal and State Aviation grant will be used to fund 97.5% of the total cost of the project.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Design	\$2,097	\$0	\$0	\$0	\$0	\$0	\$2,097
8800	FA	Design	\$79,691	\$0	\$0	\$0	\$0	\$0	\$79,691
8800	SA	Design	\$2,097	\$0	\$0	\$0	\$0	\$0	\$2,097
8800	020	Construction	\$0	\$15,728	\$0	\$0	\$0	\$0	\$15,728
8800	FA	Construction	\$0	\$597,688	\$0	\$0	\$0	\$0	\$597,688
8800	SA	Construction	\$0	\$15,728	\$0	\$0	\$0	\$0	\$15,728
			\$83,885	\$629,144	\$0	\$0	\$0	\$0	\$713,029
<i>Total (Non-Capital & Capital Costs)</i>									
			\$83,885	\$629,144	\$0	\$0	\$0	\$0	\$713,029

Transportation

Project Detail

01-490 Extend Taxi lane B9 in new property

FFA-012

Problem

This project will provide aircraft access to this area by installing new taxi lanes. This project is identified in the Falcon Field Airport Master Plan and is a part of a continuing effort to enhance the safety, utility, and quality of Falcon Field.

Solution

Install taxi lanes. A Federal and State Aviation grant will be used to fund 97.5% of the total cost of this project.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Design	\$0	\$0	\$0	\$2,622	\$0	\$0	\$2,622
8800	FA	Design	\$0	\$0	\$0	\$99,613	\$0	\$0	\$99,613
8800	SA	Design	\$0	\$0	\$0	\$2,622	\$0	\$0	\$2,622
8800	020	Construction	\$0	\$0	\$0	\$0	\$10,093	\$0	\$10,093
8800	FA	Construction	\$0	\$0	\$0	\$0	\$383,536	\$0	\$383,536
8800	SA	Construction	\$0	\$0	\$0	\$0	\$10,093	\$0	\$10,093
8800	020	Constr. Admin	\$0	\$0	\$0	\$0	\$760	\$0	\$760
8800	FA	Constr. Admin	\$0	\$0	\$0	\$0	\$28,867	\$0	\$28,867
8800	SA	Constr. Admin	\$0	\$0	\$0	\$0	\$760	\$0	\$760
			\$0	\$0	\$0	\$104,857	\$434,109	\$0	\$538,966
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$0	\$0	\$104,857	\$434,109	\$0	\$538,966

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Project Detail

01-492 Falcon Field Master Plan Update

FFA-013

Problem

This project will update the existing Airport Master Plan that was completed in 1992.

Solution

Update Master Plan. A Federal and State Aviation grant will be used to fund 95% of the total cost of this project.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Pre-Design	\$7,500	\$0	\$0	\$0	\$0	\$0	\$7,500
8800	FA	Pre-Design	\$285,000	\$0	\$0	\$0	\$0	\$0	\$285,000
8800	SA	Pre-Design	\$7,500	\$0	\$0	\$0	\$0	\$0	\$7,500
			\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
<i>Total (Non-Capital & Capital Costs)</i>									
			\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000

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Project Detail

01-496

Construct Echo Apron

FFA-014

Problem

This project will give the airport increased capacity for aircraft parking. This project is identified in the Falcon Field Airport Master Plan and is a part of a continuing effort to enhance the safety, utility, and quality of Falcon Field.

Solution

Install apron. Approximate size is 200' x 700'. A State Aviation grant will be used to fund 90% of the total cost of this project.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Design	\$6,600	\$0	\$0	\$0	\$0	\$0	\$6,600
8800	SA	Design	\$59,400	\$0	\$0	\$0	\$0	\$0	\$59,400
8800	020	Construction	\$0	\$59,400	\$0	\$0	\$0	\$0	\$59,400
8800	SA	Construction	\$0	\$534,600	\$0	\$0	\$0	\$0	\$534,600
			\$66,000	\$594,000	\$0	\$0	\$0	\$0	\$660,000
<i>Total (Non-Capital & Capital Costs)</i>									
			\$66,000	\$594,000	\$0	\$0	\$0	\$0	\$660,000

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Project Detail

01-489 Grade, Drain, Surface Parking Area in New Property

FFA-017

Problem

This project will provide parking for airport users. This project is identified in the Falcon Field Airport Master Plan and is a part of a continuing effort to enhance the safety, utility, and quality of Falcon Field.

Solution

Install parking area-- approx. 12,700 square yards. A State Aviation grant will be used to fund 90% of the total cost of this project.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Design	\$0	\$0	\$0	\$1,974	\$0	\$0	\$1,974
8800	SA	Design	\$0	\$0	\$0	\$17,765	\$0	\$0	\$17,765
8800	020	Construction	\$0	\$0	\$0	\$0	\$42,552	\$0	\$42,552
8800	SA	Construction	\$0	\$0	\$0	\$0	\$382,977	\$0	\$382,977
			\$0	\$0	\$0	\$19,739	\$425,529	\$0	\$445,268
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$0	\$0	\$19,739	\$425,530	\$0	\$445,269

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Project Detail

01-488 Pavement Preservation Program - ADOT IGA

FFA-020

Problem

Pavement preservation is a continuing effort to maintain the quality of the airport runway/taxiway/ramp system and its surfaces to ensure extended use of the pavement. This program will preserve the pavement as required by the ADOT-Managed Pavement Management Plan.

Solution

Fund the Pavement Preservation and Management Plan as managed and executed by ADOT.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Design	\$773	\$0	\$0	\$0	\$0	\$0	\$773
8800	SA	Design	\$6,960	\$0	\$0	\$0	\$0	\$0	\$6,960
8800	020	City Share	\$116,677	\$0	\$17,592	\$0	\$61,649	\$436,022	\$631,940
8800	SA	City Share	\$1,050,090	\$0	\$158,324	\$0	\$554,844	\$3,924,223	\$5,687,481
			\$1,174,500	\$0	\$175,916	\$0	\$616,493	\$4,360,245	\$6,327,154
<i>Total (Non-Capital & Capital Costs)</i>									
			\$1,174,500	\$0	\$175,915	\$0	\$616,493	\$4,360,246	\$6,327,154

Transportation

Project Detail

02-396

Security Fencing, Phase 2

FFA-034

Problem

The addition of a security fence is needed to adequately secure the airport property and to protect it from acts of vandalism. Security fencing will be installed to preclude inadvertent entry of vehicles, pedestrians, and wildlife onto the airport runways and taxiways. This project is identified in the Falcon Field Airport Master Plan and is a part of a continuing effort to enhance the safety, utility, and quality of Falcon Field.

Solution

Install fence. A State Aviation grant will be used to fund 90% of the total cost of the project.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Construction	\$18,000	\$0	\$0	\$0	\$0	\$0	\$18,000
8800	SA	Construction	\$162,000	\$0	\$0	\$0	\$0	\$0	\$162,000
			\$180,000	\$0	\$0	\$0	\$0	\$0	\$180,000
<i>Total (Non-Capital & Capital Costs)</i>									
			\$180,000	\$0	\$0	\$0	\$0	\$0	\$180,000

Transportation

Project Detail

02-397

Security Fencing, Multi-phase

FFA-035

Problem

The addition of a security fence is needed to adequately secure the airport property and to protect it from acts of vandalism. Perimeter fencing will be installed to preclude inadvertent entry of vehicles, pedestrians, and wildlife onto the airport runways and taxiways. This project is identified in the Falcon Field Airport Master Plan and is a part of a continuing effort to enhance the safety, utility, and quality of Falcon Field.

Solution

Install fence. A State Aviation grant will be used to fund 90% of the total cost of the project.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Design	\$0	\$0	\$0	\$0	\$0	\$4,468	\$4,468
8800	SA	Design	\$0	\$0	\$0	\$0	\$0	\$4,468	\$4,468
8800	020	Construction	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
8800	FA	Construction	\$0	\$0	\$0	\$0	\$0	\$174,661	\$174,661
8800	SA	Construction	\$225,000	\$0	\$0	\$0	\$0	\$0	\$225,000
			\$250,000	\$0	\$0	\$0	\$0	\$183,597	\$433,597
<i>Total (Non-Capital & Capital Costs)</i>									
			\$250,000	\$0	\$0	\$0	\$0	\$183,596	\$433,596

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Project Detail

04-850 Runway Incursion Prevention and Vehicle Access

FFA-036

Problem

This Incursion Prevention Program and implementation will provide the necessary equipment, elements and infrastructure to isolate, contain, and control vehicles from wandering onto the airport runway and taxiway system. Present condition allows complete open access to the general public.

Solution

Conceptual design and implementation of a series of program elements and "safety nets" will provide required control needed to protect the airport runway and taxiway system.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Design	\$1,250	\$0	\$0	\$0	\$0	\$0	\$1,250
8800	FA	Design	\$47,500	\$0	\$0	\$0	\$0	\$0	\$47,500
8800	SA	Design	\$1,250	\$0	\$0	\$0	\$0	\$0	\$1,250
8800	020	Construction	\$0	\$11,250	\$0	\$0	\$0	\$0	\$11,250
8800	FA	Construction	\$0	\$427,500	\$0	\$0	\$0	\$0	\$427,500
8800	SA	Construction	\$0	\$11,250	\$0	\$0	\$0	\$0	\$11,250
			\$50,000	\$450,000	\$0	\$0	\$0	\$0	\$500,000
<i>Total (Non-Capital & Capital Costs)</i>									
			\$50,000	\$450,000	\$0	\$0	\$0	\$0	\$500,000

Transportation

Project Detail

04-076 Construct Engine Run-Up Area Approach End 04R

FFA-037

Problem

There is significant congestion at the departure end of the runway with departing aircraft and those aircraft needing extra time for pre-departure procedures.

Solution

Provide a new Engine Run-Up area to the south of the existing runway entrance to 04R. This project is consistent with the upcoming Master Plan priorities.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Design	\$0	\$2,236	\$0	\$0	\$0	\$0	\$2,236
8800	FA	Design	\$0	\$84,953	\$0	\$0	\$0	\$0	\$84,953
8800	SA	Design	\$0	\$2,236	\$0	\$0	\$0	\$0	\$2,236
8800	020	Construction	\$0	\$0	\$16,608	\$0	\$0	\$0	\$16,608
8800	FA	Construction	\$0	\$0	\$631,065	\$0	\$0	\$0	\$631,065
8800	SA	Construction	\$0	\$0	\$16,607	\$0	\$0	\$0	\$16,607
			\$0	\$89,425	\$664,280	\$0	\$0	\$0	\$753,705
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$89,425	\$664,279	\$0	\$0	\$0	\$753,704

Transportation

Project Detail

04-079 Apron Northwest of Falcon Field Terminal Building

FFA-039

Problem

This project will provide aircraft parking and transition from the runway/taxiway system to the new GA terminal to complete customer business travel.

Solution

Install apron-size and location dependant on location of new GA terminal building/design pending.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Design	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000
8800	FA	Design	\$0	\$114,000	\$0	\$0	\$0	\$0	\$114,000
8800	SA	Design	\$0	\$3,000	\$0	\$0	\$0	\$0	\$3,000
8800	020	Construction	\$0	\$0	\$31,110	\$0	\$0	\$0	\$31,110
8800	FA	Construction	\$0	\$0	\$1,182,185	\$0	\$0	\$0	\$1,182,185
8800	SA	Construction	\$0	\$0	\$31,110	\$0	\$0	\$0	\$31,110
			\$0	\$120,000	\$1,244,405	\$0	\$0	\$0	\$1,364,405
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$120,000	\$1,244,406	\$0	\$0	\$0	\$1,364,406

Transportation

Project Detail

04-862 Disadvantaged Business Enterprise Program

FFA-100

Problem

FAA regulations requires that every airport that receives FAA Grant funding will have a formal FAA approved DBE Program. Falcon Field needs to expedite the development of a DBE Program to stay in compliance with Grant Assurances.

Solution

An Aviation management consultant is needed to expedite the development of a formal Disadvantaged Business Enterprise Program & Plan for Falcon Field in accordance with 49CFR Part 26. FAA is providing 95% funding toPart 26. FAA is providing 95% funding to develop this plan from existing grant funding.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8800	020	Pre-Design	\$2,669	\$0	\$0	\$0	\$0	\$0	\$2,669
8800	FA	Pre-Design	\$50,711	\$0	\$0	\$0	\$0	\$0	\$50,711
			\$53,380	\$0	\$0	\$0	\$0	\$0	\$53,380
<i>Total (Non-Capital & Capital Costs)</i>									
			\$53,380	\$0	\$0	\$0	\$0	\$0	\$53,380

Transportation

Project Detail

Intelligent Transportation

01-429 Broadway Road: Center to Recker Smart Corridor Traffic Control System

ITS-001

Problem

Increasing traffic congestion along Broadway Road has degraded the operating level of this roadway.

Solution

Deployment of a smart corridor traffic control system for better traffic management along Broadway Road. Improvements to the traffic control system will be from Center Street to Recker Road.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	011	Design	\$3,135	\$0	\$0	\$0	\$0	\$0	\$3,135
8100	FA	Design	\$51,865	\$0	\$0	\$0	\$0	\$0	\$51,865
8100	011	Construction	\$1,225,223	\$0	\$0	\$0	\$0	\$0	\$1,225,223
8100	FA	Construction	\$1,024,777	\$0	\$0	\$0	\$0	\$0	\$1,024,777
8100	011	City Share	\$237,450	\$0	\$0	\$0	\$0	\$0	\$237,450
			\$2,542,450	\$0	\$0	\$0	\$0	\$0	\$2,542,450
<i>Total (Non-Capital & Capital Costs)</i>									
			\$2,542,450	\$0	\$0	\$0	\$0	\$0	\$2,542,450
<i>Operations & Maint Costs</i>									
8100	470	Other Services	\$61,968	\$61,968	\$64,261	\$65,611	\$67,061		
			\$61,968	\$61,968	\$64,261	\$65,611	\$67,061		

Transportation

Project Detail

01-422 Real Time Traffic Control System: Country Club Drive, 8th Avenue to Baseline Road **ITS -002**
 (Share w/ADOT)

Problem

This section of Country Club Drive is one of the most congested roadways in the City with numerous closely spaced, multi-phase traffic signals.

Solution

This project will include the installation and testing of an adaptive real time traffic control system in this area to see if it can better handle the complex traffic flow and closely spaced multi-phase signals better than conventional control systems.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	011	Design	\$7,695	\$0	\$0	\$0	\$0	\$0	\$7,695
8100	FA	Design	\$127,305	\$0	\$0	\$0	\$0	\$0	\$127,305
8100	011	Construction	\$175,036	\$0	\$0	\$0	\$0	\$0	\$175,036
8100	FA	Construction	\$824,964	\$0	\$0	\$0	\$0	\$0	\$824,964
			\$1,135,000	\$0	\$0	\$0	\$0	\$0	\$1,135,000
<i>Total (Non-Capital & Capital Costs)</i>									
			\$1,135,000	\$0	\$0	\$0	\$0	\$0	\$1,135,000
<i>Operations & Maint Costs</i>									
8100	470	Other Services	\$0	\$22,900	\$23,747	\$24,246	\$24,782		
			\$0	\$22,900	\$23,747	\$24,246	\$24,782		

Transportation

Project Detail

03-055 Fiber Optic Lines - Signal System in Mesa

ITS -005

Problem

The new traffic signal control system as well as future Intelligent Transportation System components require higher bandwidth communication lines than our old signal system. It is necessary to move traffic signals from the old system to the new system since the old system hardware and equipment is no longer supported by it's original supplier or other aftermarket suppliers.

Solution

In exchange for the City agreeing to operate and maintain freeway interchange signals in Mesa, the Arizona Department of Transportation (ADOT) has agreed to allow Mesa to use one of its Freeway Management System conduits along the freeway system for the City's fiber optic communication backbone to serve our traffic signal and ITS communication needs. This is a great benefit to Mesa since the City will not have to bear the cost for installation of conduit. The proposed project will accomplish two things: 1. design fiber optic communication lines and related facilities along the freeways and traffic cameras on the cross streets at freeway interchanges in the western part of the City. This will allow us to move signals from inadequate leased lines onto fiber optic lines for communicating with the Transportation Management Center (TMC), and will make more real time traffic monitoring available at the TMC. 2. Convert signals and connections as noted above along arterial streets.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	011	Design	\$595,200	\$0	\$0	\$0	\$0	\$0	\$595,200
8100	011	Construction	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$1,100,000
			\$1,695,200	\$0	\$0	\$0	\$0	\$0	\$1,695,200
<i>Total (Non-Capital & Capital Costs)</i>									
			\$1,695,200	\$0	\$0	\$0	\$0	\$0	\$1,695,200

Transportation

Project Detail

04-077 Extend Fiber Optics along West Loop

ITS -007

Problem

Complete fiber connectivity along the western and northern borders of Mesa is currently not available.

Solution

Install fiber optic communications backbone in existing ADOT conduit along the freeways in the western and northern portion of the City: a portion of Loop 101 between Guadalupe Road and Loop 202, Loop 202 from Gilbert Road to Power Road, and U.S. 60 from Loop 101 to Val Vista Drive, and fill some gaps along arterial streets. This will provide the west and north portions of the outer ring for the communications backbone, provide connections to existing fiber optic communication lines, provide connections with the TMC, bring additional traffic signals onto the ICONS control system, and install traffic cameras on cross streets at freeway interchanges for traffic monitoring.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	011	Design	\$105,000	\$0	\$0	\$0	\$0	\$0	\$105,000
8100	011	Construction	\$2,300,000	\$0	\$0	\$0	\$0	\$0	\$2,300,000
			\$2,405,000	\$0	\$0	\$0	\$0	\$0	\$2,405,000
<i>Total (Non-Capital & Capital Costs)</i>									
			\$2,405,000	\$0	\$0	\$0	\$0	\$0	\$2,405,000

Transportation

Project Detail

02-327 Main Street Smart Instrumentation

ITS-103

Problem

Due to traffic load on Main Street from the west city limits to Mesa Drive, improved traffic monitoring and vehicle and pedestrian signaling technology is needed for general safety and to improve traffic flow.

Solution

This project will include non-intrusive detection and traffic cameras, tactile/audible/confirming pedestrian buttons, and one mile of fiber optic cable along the section of Main Street from the west city limits to Mesa Drive. This is a joint federal aid project with Tempe, extending west to Mill Avenue.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	011	Design	\$180,000	\$40,000	\$0	\$0	\$0	\$0	\$220,000
8100	011	Construction	\$0	\$127,460	\$0	\$0	\$0	\$0	\$127,460
8100	FA	Construction	\$0	\$772,540	\$0	\$0	\$0	\$0	\$772,540
			\$180,000	\$940,000	\$0	\$0	\$0	\$0	\$1,120,000
<i>Total (Non-Capital & Capital Costs)</i>									
			\$180,000	\$940,000	\$0	\$0	\$0	\$0	\$1,120,000

Transportation

Project Detail

Mass Transit

01-372 Light Rail Transit (LRT)

MT -002

Problem

There exists a need to develop a high capacity transit system within the region's highest travel demand corridor linking Mesa with downtown Tempe, ASU, Sky Harbor Airport and downtown Phoenix.

Solution

Study, design, and construct a high capacity transit system consisting of light rail and augmented bus service. This project provides local match to a Federal Transit Administration (FTA) capital grant for land acquisition, final design and construction of an LRT corridor in Mesa. The FTA requires final design prior to entering into a "full funding grant agreement" that allows for LRT construction. Funds in FY 04/05 would provide Mesa's share of the local funding to complete final design on the Minimal Operating Segment (MOS) which now has been revised from Dobson Road east to the East Valley Institute (EVIT).

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
8860	010	City Share	\$5,684,315	\$6,951,433	\$7,309,767	\$768,121	\$0	\$0	\$20,713,636
			\$5,684,315	\$6,951,433	\$7,309,767	\$768,121	\$0	\$0	\$20,713,636
Total (Non-Capital & Capital Costs)									
			\$5,684,315	\$6,951,433	\$7,309,767	\$768,121	\$0	\$0	\$20,713,636
Operations & Maint Costs									
8860	010	Other Services	\$0	\$0	\$1,326,583	\$1,404,562	\$1,435,603		
			\$0	\$0	\$1,326,583	\$1,404,562	\$1,435,603		

Transportation

Project Detail

01-507

Park & Ride Lot at US 60 and Power

MT -003

Problem

To accommodate increased demand, a facility is needed for park-n-ride patrons. In the past, shopping centers have permitted patrons to park in private lots. However, recently these private facilities have been closed to park-n-ride patrons.

Solution

Construct a city facility. This project will provide the local match to a Federal Transit Administration (FTA) grant for the construction of a City controlled park-n-ride lot within a freeway corridor.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8860	011	Construction	\$540,645	\$0	\$0	\$0	\$0	\$0	\$540,645
8860	FA	Construction	\$2,162,572	\$0	\$0	\$0	\$0	\$0	\$2,162,572
			\$2,703,217	\$0	\$0	\$0	\$0	\$0	\$2,703,217
<i>Total (Non-Capital & Capital Costs)</i>									
			\$2,703,217	\$0	\$0	\$0	\$0	\$0	\$2,703,217
<i>Operations & Maint Costs</i>									
8860	010	Other Services	\$0	\$56,427	\$58,515	\$59,744	\$61,064		
			\$0	\$56,427	\$58,515	\$59,744	\$61,064		

Transportation

Project Detail

01-505

Passenger Shelters

MT -006

Problem

To provide seating and shade for transit passengers. This project will provide local match to Federal Transit Administration capital grant funds. Application for FTA funding will be made for four (4) consecutive years beginning in FY 2001-2002.

Solution

Continue installation of passengers shelters in the Mesa public transit service area.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8860	011	Construction	\$156,560	\$156,555	\$168,630	\$0	\$0	\$0	\$481,745
8860	FA	Construction	\$0	\$1,240,927	\$0	\$0	\$0	\$0	\$1,240,927
			\$156,560	\$1,397,482	\$168,630	\$0	\$0	\$0	\$1,722,672
<i>Total (Non-Capital & Capital Costs)</i>									
			\$156,560	\$1,397,482	\$168,630	\$0	\$0	\$0	\$1,722,672
<i>Operations & Maint Costs</i>									
8860	010	Other Services	\$7,185	\$7,150	\$14,793	\$15,104	\$15,437		
			\$7,185	\$7,150	\$14,793	\$15,104	\$15,437		

Transportation

Project Detail

01-514

Park & Ride Lot #2: (Gilbert and McDowell)

MT -008

Problem

To accommodate an expanding transit program, the City needs to construct a new park and ride facility. The location of the facility will be identified as part of the Transportation Plan update process, currently underway.

Solution

Construct a park-and-ride lot to support increased demand.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8860	011	Design	\$0	\$10,864	\$89,980	\$0	\$0	\$0	\$100,844
8860	FA	Design	\$0	\$43,462	\$0	\$0	\$0	\$0	\$43,462
8860	011	Construction	\$0	\$0	\$724,064	\$0	\$0	\$0	\$724,064
8860	FA	Construction	\$0	\$0	\$3,256,183	\$0	\$0	\$0	\$3,256,183
			\$0	\$54,326	\$4,070,227	\$0	\$0	\$0	\$4,124,553
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$54,326	\$4,070,226	\$0	\$0	\$0	\$4,124,552
<i>Operations & Maint Costs</i>									
8860	010	Other Services	\$0	\$0	\$0	\$60,308	\$61,641		
			\$0	\$0	\$0	\$60,308	\$61,641		

Transportation

Project Detail

01-508 Superstition Springs Frontage Road: Power Road to Superstition Springs Boulevard **MT -009**

Problem

Improved access is needed for proposed Park & Ride Lot at Power Road and US60.

Solution

Construction of the Superstition Springs Frontage Road.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
9800	HB	Construction	\$942,941	\$0	\$0	\$0	\$0	\$0	\$942,941
			\$942,941	\$0	\$0	\$0	\$0	\$0	\$942,941
<i>Total (Non-Capital & Capital Costs)</i>									
			\$942,941	\$0	\$0	\$0	\$0	\$0	\$942,941
<i>Operations & Maint Costs</i>									
8100	470	Other Services	\$0	\$10,485	\$10,873	\$11,101	\$11,347		
			\$0	\$10,485	\$10,873	\$11,101	\$11,347		

Transportation

Project Detail

01-511 Transit Center

MT-010

Problem

As part of the Town Center redevelopment plan for transit oriented development, this project will provide a location for transit passengers to transfer vehicles, get transit information and purchase transit fare media.

Solution

The project will provide a location for the centralization of transit information distribution in Town Center. The site will act as a "time transfer" facility to facilitate passenger vehicle transfers.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8860	011	Land Acquisition	\$0	\$0	\$0	\$0	\$297,026	\$0	\$297,026
8860	FA	Land Acquisition	\$0	\$0	\$0	\$0	\$668,308	\$0	\$668,308
8860	011	Design	\$0	\$0	\$0	\$0	\$594,052	\$0	\$594,052
8860	011	Construction	\$0	\$0	\$0	\$0	\$0	\$4,861,368	\$4,861,368
8860	FA	Construction	\$0	\$0	\$0	\$0	\$0	\$4,185,852	\$4,185,852
			\$0	\$0	\$0	\$0	\$1,559,386	\$9,047,220	\$10,606,606
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$0	\$0	\$0	\$1,559,387	\$9,047,219	\$10,606,606

Transportation

Project Detail

Regional Transportation Plan

01-373 Gilbert Road and University Drive Intersection Reconstruction

RTP-001

Problem

This intersection currently experiences significant backup and delay during the peak hours. Gilbert Rd. south of University Dr. has recently been widened to six lanes.

Solution

Widen the intersection to provide three through lanes in each direction, dual left turn lanes and selected right turn lanes.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
9800	HB	Land Acquisition	\$660,000	\$0	\$0	\$0	\$0	\$0	\$660,000
8100	470	Design	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
8100	480	Construction	\$0	\$4,076,201	\$0	\$0	\$0	\$0	\$4,076,201
9550	G20	Construction	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
			\$910,000	\$4,176,201	\$0	\$0	\$0	\$0	\$5,086,201
<i>Total (Non-Capital & Capital Costs)</i>									
			\$910,000	\$4,176,201	\$0	\$0	\$0	\$0	\$5,086,201
<i>Operations & Maint Costs</i>									
8100	470	Other Services	\$0	\$5,687	\$0	\$0	\$0	\$0	
			\$0	\$5,687	\$0	\$0	\$0		

Transportation

Project Detail

01-370

Guadalupe Road and Dobson Road Intersection Improvements

RTP-002

Problem

The existing intersection is at capacity with approximately 61,700 vehicles entering the intersection on an average day. Excessive delays and congestion are experienced for all movements at the intersection. There currently is only one left turn lane for each direction of travel on Guadalupe with heavy "spillover" of left-turning vehicles in the through lanes during the PM peak period. The intersection is also the first major intersection east of the newly constructed Price Freeway which has a freeway interchange at Guadalupe Road. Heavy traffic destined for the Price Freeway is experienced at the Guadalupe Road and Dobson Road intersection in the westbound direction in the morning and in the eastbound direction in the late afternoon.

Solution

Widen the intersection to three through lanes, dual left turn lanes, and an exclusive right turn lane for each leg of the intersection. Install bus pullouts with shelters on all far side corners of the intersection, upgrade traffic signal hardware, upgrade street lighting, fiber optic lines, install bike lanes, and install landscaping.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	480	Land Acquisition	\$0	\$0	\$751,650	\$0	\$0	\$0	\$751,650
8100	470	Pre-Design	\$99,725	\$0	\$0	\$0	\$0	\$0	\$99,725
8100	012	Design	\$0	\$102,716	\$0	\$0	\$0	\$0	\$102,716
8100	012	Construction	\$0	\$0	\$0	\$772,456	\$0	\$0	\$772,456
8100	480	Construction	\$0	\$0	\$0	\$1,535,091	\$0	\$0	\$1,535,091
			\$99,725	\$102,716	\$751,650	\$2,307,547	\$0	\$0	\$3,261,638
<i>Total (Non-Capital & Capital Costs)</i>									
			\$99,725	\$102,716	\$751,650	\$2,307,546	\$0	\$0	\$3,261,637
<i>Operations & Maint Costs</i>									
8100	470	Other Services	\$0	\$0	\$0	\$5,977	\$6,109		
			\$0	\$0	\$0	\$5,977	\$6,109		

Transportation

Project Detail

01-395 Thomas Road, Gilbert Road to Val Vista Drive

RTP-003

Problem

The existing one mile long segment of Thomas Rd. is currently unimproved between Gilbert and Lindsay. The one mile segment from Lindsay to Val Vista is paved with one lane in each direction. ADOT has constructed an overpass over the Red Mountain Freeway along the Thomas Rd. alignment.

Solution

Construct a new four lane roadway along this section of Thomas Road.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$0	\$602,079	\$0	\$0	\$0	\$602,079
8100	480	Land Acquisition	\$0	\$0	\$1,404,849	\$0	\$0	\$0	\$1,404,849
8100	012	Design	\$0	\$150,075	\$0	\$0	\$0	\$0	\$150,075
8100	480	Design	\$0	\$356,841	\$0	\$0	\$0	\$0	\$356,841
8100	012	Construction	\$0	\$0	\$0	\$1,708,198	\$0	\$0	\$1,708,198
8100	480	Construction	\$0	\$0	\$0	\$3,985,795	\$0	\$0	\$3,985,795
			\$0	\$506,916	\$2,006,928	\$5,693,993	\$0	\$0	\$8,207,837
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$506,916	\$2,006,928	\$5,693,994	\$0	\$0	\$8,207,838

Transportation

Project Detail

01-397

University Drive and Country Club Drive Intersection Improvements

RTP-004

Problem

The existing intersection currently has approximately 70,000 vehicles entering the intersection on an average day. The intersection is in need of improvements to increase traffic flow and capacity.

Solution

The intersection will be completely reconstructed. Improvements will include new right turn lanes in each direction, sidewalks that are 6 feet wide and detached where possible, a new bus pullout and shelter in the northeast corner in addition to the replacement of similar facilities that already exist at the other three corners, and new traffic signal equipment will be installed.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$437,032	\$0	\$0	\$0	\$0	\$437,032
8100	480	Land Acquisition	\$0	\$1,019,742	\$0	\$0	\$0	\$0	\$1,019,742
8100	470	Pre-Design	\$87,524	\$0	\$0	\$0	\$0	\$0	\$87,524
8100	480	Design	\$0	\$90,150	\$0	\$0	\$0	\$0	\$90,150
8100	012	Construction	\$0	\$0	\$595,075	\$0	\$0	\$0	\$595,075
8100	480	Construction	\$0	\$0	\$1,388,510	\$0	\$0	\$0	\$1,388,510
			\$87,524	\$1,546,924	\$1,983,585	\$0	\$0	\$0	\$3,618,033
<i>Total (Non-Capital & Capital Costs)</i>									
			\$87,524	\$1,546,924	\$1,983,585	\$0	\$0	\$0	\$3,618,033

Transportation

Project Detail

01-205 Ray Road, Sossaman Road to Ellsworth Road

RTP-005

Problem

The land immediately north of Williams Gateway Airport has been planned for industrial use, according to the City of Mesa's General Plan. This use will generate economic activity and protect the airport from encroachment of residential development. Currently, there are no utilities to service these parcels in this area. Ray Road currently does not exist between Sossaman Road and Ellsworth Road.

Solution

Extending infrastructure – including Ray Road and water and wastewater lines – will help allow economic development to occur and support the Williams Gateway Airport area. Extension of the utility lines is per the water and wastewater master plans. Regarding Ray Road, the City Council approved an alignment in 2003. The new roadway will be four lanes from Sossaman Road South to a new intersection with Sossaman Road North. From Sossaman Road North, Ray Road will consist of six lanes to Ellsworth Road.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$0	\$0	\$1,883,373	\$0	\$0	\$1,883,373
8100	480	Land Acquisition	\$0	\$0	\$0	\$4,394,537	\$0	\$0	\$4,394,537
8100	012	Design	\$0	\$0	\$0	\$259,339	\$0	\$0	\$259,339
8100	480	Design	\$0	\$0	\$0	\$605,124	\$0	\$0	\$605,124
9400	UR	Design	\$0	\$0	\$0	\$55,510	\$0	\$0	\$55,510
9500	UR	Design	\$0	\$0	\$0	\$277,553	\$0	\$0	\$277,553
8100	012	Construction	\$0	\$0	\$0	\$0	\$2,730,221	\$0	\$2,730,221
8100	480	Construction	\$0	\$0	\$0	\$0	\$6,370,517	\$0	\$6,370,517
9400	UR	Construction	\$0	\$0	\$0	\$0	\$564,164	\$0	\$564,164
9500	UR	Construction	\$0	\$0	\$0	\$0	\$2,836,871	\$0	\$2,836,871
			\$0	\$0	\$0	\$7,475,436	\$12,501,773	\$0	\$19,977,209
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$0	\$0	\$7,475,435	\$12,501,773	\$0	\$19,977,208

Transportation

Project Detail

01-401 Broadway Road, Dobson Road to Country Club Drive

RTP-006

Problem

The existing two-mile long segment of Broadway Road is at capacity with approximately 35,000 vehicles traveling on this roadway daily. Currently Broadway Rd. west of Dobson Rd. is a six-lane roadway.

Solution

Widen the two-mile long stretch of Broadway Rd. to three through lanes in each direction. Include a bike lane, bus pullouts and shelters, street lighting, fiber optics lines, and landscaping along the street.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$0	\$1,281,375	\$0	\$0	\$0	\$1,281,375
8100	480	Land Acquisition	\$0	\$0	\$2,989,875	\$0	\$0	\$0	\$2,989,875
8100	012	Design	\$0	\$416,395	\$0	\$0	\$0	\$0	\$416,395
8100	470	Design	\$269,511	\$0	\$0	\$0	\$0	\$0	\$269,511
8100	012	Construction	\$0	\$0	\$0	\$2,338,600	\$0	\$0	\$2,338,600
8100	480	Construction	\$0	\$0	\$0	\$5,456,734	\$0	\$0	\$5,456,734
			\$269,511	\$416,395	\$4,271,250	\$7,795,334	\$0	\$0	\$12,752,490
<i>Total (Non-Capital & Capital Costs)</i>									
			\$269,511	\$416,395	\$4,271,250	\$7,795,335	\$0	\$0	\$12,752,491

Transportation

Project Detail

01-665 McKellips Road: Gilbert Road to Val Vista Drive

RTP-007

Problem

With ongoing growth in northeast Mesa, traffic continues to grow on McKellips Road. Improvements are needed to increase traffic flow and capacity. Curb, gutter, and sidewalk do not exist on portions of this segment.

Solution

McKellips road will be improved to increase traffic flow and capacity, including widening to three through lanes in each direction. Curb, gutter, and sidewalks will be provided along this segment, with sidewalks 6 feet wide and detached where possible. Streetlights will be installed where they do not currently exist.' Intersection improvements will include bus pullouts to be added at selected locations.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$507,607	\$0	\$0	\$0	\$0	\$507,607
8100	480	Land Acquisition	\$0	\$1,184,417	\$0	\$0	\$0	\$0	\$1,184,417
8100	470	Pre-Design	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
8100	012	Design	\$0	\$133,887	\$0	\$0	\$0	\$0	\$133,887
8100	480	Design	\$0	\$312,402	\$0	\$0	\$0	\$0	\$312,402
8100	012	Construction	\$0	\$0	\$1,472,965	\$0	\$0	\$0	\$1,472,965
8100	480	Construction	\$0	\$0	\$3,436,919	\$0	\$0	\$0	\$3,436,919
			\$200,000	\$2,138,313	\$4,909,884	\$0	\$0	\$0	\$7,248,197
<i>Total (Non-Capital & Capital Costs)</i>									
			\$200,000	\$2,138,313	\$4,909,884	\$0	\$0	\$0	\$7,248,197
<i>Operations & Maint Costs</i>									
8860	400	Other Services	\$0	\$0	\$0	\$872	\$892		
8100	470	Other Services	\$0	\$0	\$0	\$116,100	\$118,665		
			\$0	\$0	\$0	\$116,972	\$119,557		

Transportation

Project Detail

01-817 Mesa Drive, Superstition Freeway (US 60) to Broadway Road

RTP-008

Problem

Mesa Dr. north of Southern Ave. carries approximately 38,000 vehicles per day. This exceeds the capacity of the roadway and results in considerable congestion at the major intersections. Need to improve the current storm sewer system to mitigate street flooding during most storm events.

Solution

Widen the existing four lane roadway to six lanes. Improve storm sewer system to alleviate street flooding during most storm events.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$0	\$0	\$2,172,982	\$0	\$0	\$2,172,982
8100	480	Land Acquisition	\$0	\$0	\$0	\$5,070,291	\$0	\$0	\$5,070,291
8100	012	Pre-Design	\$0	\$80,190	\$0	\$0	\$0	\$0	\$80,190
8100	480	Pre-Design	\$0	\$187,108	\$0	\$0	\$0	\$0	\$187,108
8100	012	Design	\$0	\$0	\$83,157	\$0	\$0	\$0	\$83,157
8100	480	Design	\$0	\$0	\$194,032	\$0	\$0	\$0	\$194,032
9550	G20	Design	\$0	\$0	\$57,631	\$0	\$0	\$0	\$57,631
8100	012	Construction	\$0	\$0	\$0	\$1,828,093	\$0	\$0	\$1,828,093
8100	480	Construction	\$0	\$0	\$0	\$4,265,549	\$0	\$0	\$4,265,549
9550	G20	Construction	\$0	\$0	\$0	\$0	\$506,097	\$0	\$506,097
9550	G20	Constr. Admin	\$0	\$0	\$0	\$0	\$29,502	\$0	\$29,502
			\$0	\$267,298	\$334,820	\$13,336,915	\$535,599	\$0	\$14,474,632
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$267,298	\$334,820	\$13,336,913	\$535,600	\$0	\$14,474,631
<i>Operations & Maint Costs</i>									
8860	400	Other Services	\$0	\$0	\$0	\$0	\$669		
8100	470	Other Services	\$0	\$0	\$0	\$0	\$89,001		
			\$0	\$0	\$0	\$0	\$89,670		

Transportation

Project Detail

01-814 Southern Ave, Country Club Drive to Stapley Drive

RTP-009

Problem

Southern Ave. east of Country Club Dr. currently carries approximately 36,300 vehicles per day. This exceeds the capacity of the roadway and has resulted in considerable congestion at the major intersections. Replace existing aging infrastructure in conjunction with street project. Reduce maintenance problems and leaks on the gas system. Improve storm sewer system to mitigate street flooding during most storm events.

Solution

Widen the existing four lane roadway to six lanes. This project includes widening Mesa Dr. and Stapley Dr. from US 60 to Southern Ave. from four lanes to six lanes with a raised median. Replace 6" HP Gas Main Southern Ave., Center Street to Gilbert Road and improve storm sewer system to provide conveyance of storm runoff and alleviate street flooding over entire length.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$0	\$706,793	\$0	\$0	\$0	\$706,793
8100	480	Land Acquisition	\$0	\$0	\$1,649,186	\$0	\$0	\$0	\$1,649,186
8100	470	Pre-Design	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
8100	012	Design	\$0	\$378,105	\$0	\$0	\$0	\$0	\$378,105
8100	480	Design	\$0	\$882,246	\$0	\$0	\$0	\$0	\$882,246
8100	012	Construction	\$0	\$0	\$0	\$2,803,094	\$0	\$0	\$2,803,094
8100	480	Construction	\$0	\$0	\$0	\$6,540,554	\$0	\$0	\$6,540,554
9550	G20	Construction	\$0	\$0	\$0	\$9,273,037	\$0	\$0	\$9,273,037
9300	UR	Construction	\$0	\$0	\$0	\$386,375	\$0	\$0	\$386,375
			\$250,000	\$1,260,351	\$2,355,979	\$19,003,060	\$0	\$0	\$22,869,390
<i>Total (Non-Capital & Capital Costs)</i>									
			\$250,000	\$1,260,351	\$2,355,980	\$19,003,061	\$0	\$0	\$22,869,392
<i>Operations & Maint Costs</i>									
8860	400	Other Services	\$0	\$0	\$0	\$0	\$892		
8100	470	Other Services	\$0	\$0	\$0	\$0	\$118,665		
			\$0	\$0	\$0	\$0	\$119,557		

Transportation

Project Detail

04-842 Mckellips Road, Val Vista Drive to Higley Road

RTP-010

Problem

With ongoing growth in northeast Mesa, traffic continues to grow on McKellips Road. Improvements are needed to increase traffic flow and capacity. Curb, gutter, and sidewalk do not exist on portions of this segment.

Solution

McKellips Road will be improved to increase traffic flow and capacity, including widening to three through lanes in each direction. Curb, gutter, and sidewalks will be provided along this segment, with sidewalks 6 feet wide and detached where possible.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$0	\$322,199	\$0	\$0	\$0	\$322,199
8100	480	Land Acquisition	\$0	\$0	\$730,022	\$0	\$0	\$0	\$730,022
8100	012	Design	\$0	\$302,889	\$0	\$0	\$0	\$0	\$302,889
8100	480	Design	\$0	\$706,741	\$0	\$0	\$0	\$0	\$706,741
9400	UR	Design	\$220,000	\$0	\$0	\$0	\$0	\$0	\$220,000
8100	012	Construction	\$0	\$0	\$0	\$3,452,515	\$0	\$0	\$3,452,515
8100	480	Construction	\$0	\$0	\$0	\$8,055,870	\$0	\$0	\$8,055,870
9400	UR	Construction	\$0	\$0	\$0	\$2,356,849	\$0	\$0	\$2,356,849
			\$220,000	\$1,009,630	\$1,052,221	\$13,865,234	\$0	\$0	\$16,147,085
<i>Total (Non-Capital & Capital Costs)</i>									
			\$220,000	\$1,009,630	\$1,052,222	\$13,865,234	\$0	\$0	\$16,147,086
<i>Operations & Maint Costs</i>									
8860	400	Other Services	\$0	\$0	\$0	\$0	\$892		
8100	470	Other Services	\$0	\$0	\$0	\$0	\$118,665		
			\$0	\$0	\$0	\$0	\$119,557		

Transportation

Project Detail

04-843 Power Road, Guadalupe Road to San Tan Freeway

RTP-011

Problem

With the growth in southeast Mesa and the opening of the San Tan Freeway, traffic has increased on Power Road. More lanes are needed to address traffic load on this arterial street.

Solution

Widen Power Road to a six-lane facility per Transportation Master Plan and MAG's Regional Transportation Plan (RPT) projects.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$664,218	\$0	\$0	\$0	\$0	\$664,218
8100	480	Land Acquisition	\$0	\$1,549,843	\$0	\$0	\$0	\$0	\$1,549,843
8100	470	Design	\$843,681	\$0	\$0	\$0	\$0	\$0	\$843,681
8100	012	Construction	\$0	\$0	\$2,784,548	\$0	\$0	\$0	\$2,784,548
8100	480	Construction	\$0	\$0	\$6,497,277	\$0	\$0	\$0	\$6,497,277
5750	E/S	Construction	\$0	\$585,000	\$0	\$0	\$0	\$0	\$585,000
			\$843,681	\$2,799,061	\$9,281,825	\$0	\$0	\$0	\$12,924,567
<i>Total (Non-Capital & Capital Costs)</i>									
			\$843,681	\$2,799,061	\$9,281,824	\$0	\$0	\$0	\$12,924,566
<i>Operations & Maint Costs</i>									
8860	400	Other Services	\$0	\$0	\$0	\$1,091	\$1,115		
8100	470	Other Services	\$0	\$0	\$0	\$145,126	\$148,333		
			\$0	\$0	\$0	\$146,217	\$149,448		

Transportation

Project Detail

04-844 Greenfield Road, Baseline Road to Southern Avenue

RTP-012

Problem

With added development in Mesa and additional traffic loads from the Superstition Freeway, Greenfield Road needs to expand to a six-lane arterial facility.

Solution

Widen Greenfield Road between Baseline Road and Southern Avenue per the Transportation Master Plan and MAG's Regional Transportation Plan (RPT) projects.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$450,579	\$0	\$0	\$0	\$0	\$450,579
8100	480	Land Acquisition	\$0	\$1,051,352	\$0	\$0	\$0	\$0	\$1,051,352
8100	470	Design	\$535,755	\$0	\$0	\$0	\$0	\$0	\$535,755
8100	012	Construction	\$0	\$0	\$1,768,245	\$0	\$0	\$0	\$1,768,245
8100	480	Construction	\$0	\$0	\$4,125,903	\$0	\$0	\$0	\$4,125,903
			\$535,755	\$1,501,931	\$5,894,148	\$0	\$0	\$0	\$7,931,834
<i>Total (Non-Capital & Capital Costs)</i>									
			\$535,755	\$1,501,931	\$5,894,148	\$0	\$0	\$0	\$7,931,834
<i>Operations & Maint Costs</i>									
8860	400	Other Services	\$0	\$0	\$0	\$436	\$446		
8100	470	Other Services	\$0	\$0	\$0	\$58,050	\$59,333		
			\$0	\$0	\$0	\$58,486	\$59,779		

Transportation

Project Detail

04-845 Greenfield Road, Southern Avenue to University Drive

RTP-013

Problem

With added development in Mesa and additional traffic loads from the Superstition Freeway, Greenfield Road needs to expand to a six-lane arterial facility. Improve capacity at intersections along this segment of Greenfield Road.

Solution

Continue widening Greenfield Road from Southern Avenue to University Drive per the Transportation Master Plan and MAG's Regional Transportation Plan (RPT) projects.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$0	\$0	\$620,961	\$0	\$0	\$620,961
8100	480	Land Acquisition	\$0	\$0	\$0	\$1,448,908	\$0	\$0	\$1,448,908
8100	012	Design	\$0	\$307,480	\$0	\$0	\$0	\$0	\$307,480
8100	480	Design	\$0	\$0	\$744,005	\$0	\$0	\$0	\$744,005
8100	012	Construction	\$0	\$0	\$0	\$0	\$3,582,312	\$0	\$3,582,312
8100	480	Construction	\$0	\$0	\$0	\$0	\$8,358,729	\$0	\$8,358,729
			\$0	\$307,480	\$744,005	\$2,069,869	\$11,941,041	\$0	\$15,062,395
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$307,480	\$744,005	\$2,069,869	\$11,941,041	\$0	\$15,062,395
<i>Operations & Maint Costs</i>									
8860	400	Other Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8100	470	Other Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0	\$0	\$0	\$0

Transportation

Project Detail

04-846

Southern Avenue, Stapley Drive to Lindsay Road

RTP-014

Problem

With added traffic loads, Southern Avenue needs to be widened to a six-lane facility with capacity improvements at intersections along this segment.

Solution

Widen Greenfield Road per the Transportation Master Plan and MAG's Regional Transportation Plan (RPT) projects.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Design	\$0	\$0	\$0	\$380,028	\$0	\$0	\$380,028
8100	480	Design	\$0	\$0	\$0	\$243,992	\$656,944	\$0	\$900,936
			\$0	\$0	\$0	\$624,020	\$656,944	\$0	\$1,280,964
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$0	\$0	\$624,020	\$656,944	\$0	\$1,280,964
<i>Operations & Maint Costs</i>									
8860	400	Other Services	\$0	\$0	\$0	\$0	\$0		
8100	470	Other Services	\$0	\$0	\$0	\$0	\$0		
			\$0	\$0	\$0	\$0	\$0		

Transportation

Project Detail

04-847 Hawes Road, Elliot Road to Ray Road

RTP-015

Problem

Hawes Road from Elliot to Ray Road is non-existent. ADOT is putting a freeway interchange of the San Tan Freeway at Hawes Road. An arterial street will be required in order to distribute the traffic load coming from the freeway.

Solution

Build an arterial facility with three through lanes in each direction to access the San Tan Freeway, the Williams Gateway Airport, and other arterial streets in the area.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Land Acquisition	\$0	\$0	\$0	\$1,381,850	\$0	\$0	\$1,381,850
8100	480	Land Acquisition	\$0	\$0	\$0	\$3,224,320	\$0	\$0	\$3,224,320
8100	012	Design	\$0	\$0	\$218,982	\$0	\$0	\$0	\$218,982
8100	480	Design	\$0	\$0	\$510,958	\$0	\$0	\$0	\$510,958
8100	012	Construction	\$0	\$0	\$0	\$0	\$2,424,388	\$0	\$2,424,388
8100	480	Construction	\$0	\$0	\$0	\$0	\$5,656,910	\$0	\$5,656,910
			\$0	\$0	\$729,940	\$4,606,170	\$8,081,298	\$0	\$13,417,408
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$0	\$729,940	\$4,606,170	\$8,081,298	\$0	\$13,417,408
<i>Operations & Maint Costs</i>									
8860	400	Other Services	\$0	\$0	\$0	\$0	\$0		
8100	470	Other Services	\$0	\$0	\$0	\$0	\$0		
			\$0	\$0	\$0	\$0	\$0		

Transportation

Project Detail

04-857

McKellips Road: Higley to Power

RTP-016

Problem

With ongoing growth in northeast Mesa, traffic continues to grow on McKellips Road. Improvements are needed to increase traffic flow and capacity. Curb, gutter, and sidewalk do not exist on portions of this segment.

Solution

McKellips Road will be improved to increase traffic flow and capacity, including widening to three through lanes in each direction. Curb, gutter, and sidewalks will be provided along this segment, with sidewalks 6 feet wide and detached where possible.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Design	\$0	\$0	\$0	\$0	\$144,211	\$0	\$144,211
8100	480	Design	\$0	\$0	\$0	\$0	\$336,492	\$0	\$336,492
			\$0	\$0	\$0	\$0	\$480,703	\$0	\$480,703
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$0	\$0	\$0	\$480,704	\$0	\$480,704

Transportation

Project Detail

Streets

01-369

Various Arterial Street Improvements Crossing US 60 (with ADOT)

STR -007

Problem

Ever increasing traffic volumes entering and exiting US 60 at multiple traffic interchange locations are causing a drop in the level of service. Heavy spillover of left-turning vehicles into the through lane is experienced during the peak hours.

Solution

Participate with ADOT to widen traffic interchange locations to accommodate dual left turns and at those locations where needed add additional through lanes to achieve a road section with three through lanes.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9800	HB	Design	\$32,935	\$32,773	\$0	\$0	\$0	\$0	\$65,708
9800	HB	Construction	\$296,427	\$289,159	\$0	\$0	\$0	\$0	\$585,586
			\$329,362	\$321,932	\$0	\$0	\$0	\$0	\$651,294
Total (Non-Capital & Capital Costs)									
			\$329,362	\$321,932	\$0	\$0	\$0	\$0	\$651,294

Transportation

Project Detail

01-362 City Share for Street Lighting

STR -010

Problem

The City is responsible by ordinance to participate in the cost of new street light facilities. The arterial street obligation is for all developer costs that exceed \$14.00 per linear foot. The participation in collector street costs is \$7.00 per linear foot, if street lights are installed on both sides of the street.

Solution

Provide funds to participate in the cost of installing street lights along arterial and collector street frontage.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	City Share	\$0	\$0	\$0	\$0	\$1,361,699	\$1,393,699	\$2,755,398
9800	HB	City Share	\$1,200,000	\$1,258,291	\$1,304,854	\$1,332,256	\$0	\$0	\$5,095,401
			\$1,200,000	\$1,258,291	\$1,304,854	\$1,332,256	\$1,361,699	\$1,393,699	\$7,850,799
<i>Total (Non-Capital & Capital Costs)</i>									
			\$1,200,000	\$1,258,291	\$1,304,854	\$1,332,256	\$1,361,699	\$1,393,699	\$7,850,799
<i>Operations & Maint Costs</i>									
8100	470	Other Services	\$44,040	\$44,040	\$91,339	\$139,886	\$190,637		
			\$44,040	\$44,040	\$91,339	\$139,886	\$190,637		

Transportation

Project Detail

01-365 Install New and Upgrade Signals

STR-012

Problem

Continued growth and increased traffic volumes throughout the City of Mesa requires an ongoing upgrading of existing traffic signals and installation of new ones.

Solution

Set aside funds to accommodate the constant expansion and improvement of the traffic signal system.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Construction	\$0	\$547,880	\$568,154	\$580,085	\$592,905	\$0	\$2,289,024
9800	HB	Construction	\$547,880	\$0	\$0	\$0	\$0	\$606,839	\$1,154,719
			\$547,880	\$547,880	\$568,154	\$580,085	\$592,905	\$606,839	\$3,443,743
<i>Total (Non-Capital & Capital Costs)</i>									
			\$547,880	\$547,880	\$568,154	\$580,085	\$592,905	\$606,839	\$3,443,743
<i>Operations & Maint Costs</i>									
8100	470	Other Services	\$40,305	\$40,305	\$83,593	\$128,023	\$174,469		
			\$40,305	\$40,305	\$83,593	\$128,023	\$174,469		

Transportation

Project Detail

01-834 General Improvements of Freeway Corridors

STR -015

Problem

As ADOT continues construction of the freeway system in Mesa there is a need for the city to participate in certain upgrades or amenities not normally funded by ADOT.

Solution

Provide funds to participate with ADOT as the need arises.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Construction	\$0	\$0	\$0	\$0	\$1,915,456	\$1,960,469	\$3,875,925
9800	HB	Construction	\$1,227,390	\$1,686,445	\$1,791,937	\$1,874,231	\$0	\$0	\$6,580,003
			\$1,227,390	\$1,686,445	\$1,791,937	\$1,874,231	\$1,915,456	\$1,960,469	\$10,455,928
<i>Total (Non-Capital & Capital Costs)</i>									
			\$1,227,390	\$1,686,445	\$1,791,937	\$1,874,231	\$1,915,456	\$1,960,469	\$10,455,928

Transportation

Project Detail

01-364 Extra Width City Participation City's Share

STR -017

Problem

When the City mandates developer participation in the widening of streets, we obligate the expenditure of city funds to participate with developers in the construction of pavement that exceeds 24 feet (half street).

Solution

Provide funds for the city to participate in the cost of arterial street improvements.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	City Share	\$0	\$0	\$0	\$0	\$1,702,124	\$1,742,123	\$3,444,247
9800	HB	City Share	\$1,258,291	\$1,258,291	\$1,631,068	\$1,665,320	\$0	\$0	\$5,812,970
			\$1,258,291	\$1,258,291	\$1,631,068	\$1,665,320	\$1,702,124	\$1,742,123	\$9,257,217
<i>Total (Non-Capital & Capital Costs)</i>									
			\$1,258,291	\$1,258,291	\$1,631,068	\$1,665,320	\$1,702,124	\$1,742,123	\$9,257,217
<i>Operations & Maint Costs</i>									
8100	470	Other Services	\$157,286	\$157,286	\$326,213	\$499,595	\$680,848		
			\$157,286	\$157,286	\$326,213	\$499,595	\$680,848		

Transportation

Project Detail

01-830 Ellsworth Road, University Drive to McLellan (cost share- MCDOT)

STR -032

Problem

The existing one and 1/2 mile long segment of Ellsworth Rd. is currently two lanes. Existing traffic volumes are 8,000 vehicles per day. Indirect access to the Red Mountain Freeway will significantly increase traffic volumes. New development and re-development of property along Ellsworth Rd. will also augment volumes. Ellsworth Rd. is designated as a road of regional significance.

Solution

Widen the stretch of Ellsworth Rd. to 72 or 94 feet. Include four lanes, a raised median, bike lanes, bus pullouts, street lighting, fiber optics lines, and landscaping. The County will be the lead in this project. The City will participate with MCDOT on this project.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
9550	G20	City Share	\$650,000	\$0	\$0	\$0	\$0	\$0	\$650,000
9800	HB	City Share	\$2,936,012	\$0	\$0	\$0	\$0	\$0	\$2,936,012
			\$3,586,012	\$0	\$0	\$0	\$0	\$0	\$3,586,012
<i>Total (Non-Capital & Capital Costs)</i>									
			\$3,586,012	\$0	\$0	\$0	\$0	\$0	\$3,586,012
<i>Operations & Maint Costs</i>									
8100	470	Other Services	\$0	\$65,011	\$67,417	\$68,832	\$70,354		
			\$0	\$65,011	\$67,417	\$68,832	\$70,354		

Transportation

Project Detail

01-720

Ellsworth Road: 1/2 Mile South of Guadalupe Road to Ray Road (with McDOT)

STR -033

Problem

There is currently one through lane for each direction of travel from Baseline south to Ray. Based on a study by MCDOT, the roadway needs to be widened to a minimum of four lanes and ultimately six lanes. Also, there is no existing storm drain system along this section of Ellsworth Road. Streets and downstream properties experience flooding during most storm events. Affected properties include General Motors Proving Grounds, Williams Gateway Airport and downstream properties.

Solution

Widen the roadway to a width of 72 feet that will include four through lanes with left turn lanes constructed within a raised median. Install street lights, fiber optic lines, bike lanes, and landscaping. Widen the roadway to a width of 94 feet (six through lanes) adjacent to Williams Gateway Airport and GM Proving Grounds. County Flood Control also participating in cost for storm sewer improvements. Construct storm drain to convey storm runoff to the East Maricopa Floodway and alleviate flooding of downstream properties and streets. Also, a 16" water line and 10" wastewater line will be installed with this project. County will lead project. The City will participate with the county on funding.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
5750	E/S	Construction	\$975,478	\$0	\$0	\$0	\$0	\$0	\$975,478
9550	G20	Construction	\$2,831,155	\$3,984,588	\$0	\$0	\$0	\$0	\$6,815,743
9800	HB	Construction	\$524,288	\$1,320,681	\$0	\$0	\$0	\$0	\$1,844,969
			\$4,330,921	\$5,305,269	\$0	\$0	\$0	\$0	\$9,636,190
Total (Non-Capital & Capital Costs)									
			\$4,330,921	\$5,305,269	\$0	\$0	\$0	\$0	\$9,636,190
Operations & Maint Costs									
8100	470	Other Services	\$0	\$86,955	\$184,725	\$188,604	\$192,772		
			\$0	\$86,955	\$184,725	\$188,604	\$192,772		

Transportation

Project Detail

01-382 Bicycle Bridge at Pennington and Western Canal (City's share of Federal Aid project) **STR -058**

Problem

Need to improve bicycle access to Hendrix Jr. High School.

Solution

Construct bridge over Western Canal.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
7200	011	City Share	\$10,693	\$0	\$0	\$0	\$0	\$0	\$10,693
			\$10,693	\$0	\$0	\$0	\$0	\$0	\$10,693
Total (Non-Capital & Capital Costs)									
			\$10,693	\$0	\$0	\$0	\$0	\$0	\$10,693

01-399 Southern Avenue and Lindsay Road Intersection Improvements **STR -070**

Problem

Current intersection is at capacity. Excessive delays and congestion are experienced for all movements at the intersection.

Solution

Widen the intersection to allow for two left turn lanes and 3 through lanes.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9800	HB	Construction	\$0	\$0	\$0	\$0	\$853,510	\$0	\$853,510
			\$0	\$0	\$0	\$0	\$853,510	\$0	\$853,510
Total (Non-Capital & Capital Costs)									
			\$0	\$0	\$0	\$0	\$853,510	\$0	\$853,510

Transportation

Project Detail

01-824

US 60, Price Freeway to Val Vista Drive (in partnership with ADOT)

STR -096

Problem

ADOT widened US 60 from the Price Freeway to Val Vista Dr. The city partnered with ADOT and agreed to pay interest payments through 07/08 to allow for acceleration of the project.

Solution

City will pay interest payments through 07/08 for the acceleration of the project

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	011	City Share	\$470,117	\$456,371	\$231,009	\$0	\$0	\$0	\$1,157,497
			\$470,117	\$456,371	\$231,009	\$0	\$0	\$0	\$1,157,497
<i>Total (Non-Capital & Capital Costs)</i>									
			\$470,117	\$456,371	\$231,009	\$0	\$0	\$0	\$1,157,497

Transportation

Project Detail

02-324

Gilbert Road & US60 Conduit & Fiber

STR -101

Problem

Need to complete ITS infrastructure to improve signal communications.

Solution

This project will install conduit, fiber, and traffic detection on Gilbert Road between Southern and Baseline, and connect with ADOT fiber at Gilbert and US60. Joint project with MCDOT.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	470	Design	\$90,000	\$0	\$0	\$0	\$0	\$0	\$90,000
8100	011	Construction	\$0	\$280,000	\$0	\$0	\$0	\$0	\$280,000
8100	FA	Construction	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
			\$90,000	\$430,000	\$0	\$0	\$0	\$0	\$520,000
<i>Total (Non-Capital & Capital Costs)</i>									
			\$90,000	\$430,000	\$0	\$0	\$0	\$0	\$520,000
<i>Operations & Maint Costs</i>									
8100	470	Other Services	\$0	\$7,340	\$7,612	\$7,771	\$7,943		
			\$0	\$7,340	\$7,612	\$7,771	\$7,943		

Transportation

Project Detail

02-325 Power Road Smart Street Instrumentation

STR -102

Problem

Need to complete ITS infrastructure to improve signal communications.

Solution

This project will install conduit, fiber, and traffic detection along Power Road within Mesa where previous projects have not already done so. In cooperation with MCDOT; Mesa's portion is paid to MCDOT as matching funds to receive \$850,000 in federal aid.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
8100	011	Construction	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
8100	FA	Construction	\$0	\$850,000	\$0	\$0	\$0	\$0	\$850,000
			\$0	\$950,000	\$0	\$0	\$0	\$0	\$950,000
Total (Non-Capital & Capital Costs)									
			\$0	\$950,000	\$0	\$0	\$0	\$0	\$950,000

02-328 Lehi Road Sidewalk-North of McDowell Road

STR -104

Problem

There is currently no sidewalk along Lehi Road north of McDowell Road.

Solution

Construct a sidewalk for approximately 355' to provide a suitable walking surface.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
8100	470	Design	\$10,485	\$0	\$0	\$0	\$0	\$0	\$10,485
8100	470	Construction	\$94,371	\$0	\$0	\$0	\$0	\$0	\$94,371
			\$104,856	\$0	\$0	\$0	\$0	\$0	\$104,856
Total (Non-Capital & Capital Costs)									
			\$104,856	\$0	\$0	\$0	\$0	\$0	\$104,856

Transportation

Project Detail

02-329

Lehi Roadway Chip Sealing

STR -105

Problem

Need for long-term roadway preservation in the Lehi area.

Solution

The project consists two phases: phase one involves a two coat chip sealing material applied to unpaved roads, and phase two applies a rubber chip seal to existing slurry sealed streets.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	FA	Design	\$98,566	\$0	\$0	\$0	\$0	\$0	\$98,566
8100	470	Construction	\$887,095	\$0	\$0	\$0	\$0	\$0	\$887,095
			\$985,661	\$0	\$0	\$0	\$0	\$0	\$985,661
<i>Total (Non-Capital & Capital Costs)</i>									
			\$985,661	\$0	\$0	\$0	\$0	\$0	\$985,661

Transportation

Project Detail

03-064 Transportation Building Second Floor

STR -111

Problem

The Transportation Division anticipates a need for additional space due to staff growth related to program implementation. Although several spaces are available on the ground floor of the Transportation Building, those will fill out relatively soon and additional space will no longer be available in the current building.

Solution

When the Transportation building was remodeled and expanded, a second floor was shelled out but not completed. At this time the Transportation Division proposes to complete the second floor and install the building elevator so that the floor can be furnished and used for staff expansion.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
9800	HB	Design	\$14,155	\$0	\$0	\$0	\$0	\$0	\$14,155
9800	HB	Construction	\$152,043	\$0	\$0	\$0	\$0	\$0	\$152,043
9800	HB	Purchase	\$251,657	\$0	\$0	\$0	\$0	\$0	\$251,657
9800	HB	ISD	\$26,214	\$0	\$0	\$0	\$0	\$0	\$26,214
			\$444,069	\$0	\$0	\$0	\$0	\$0	\$444,069
<i>Total (Non-Capital & Capital Costs)</i>									
			\$444,069	\$0	\$0	\$0	\$0	\$0	\$444,069

Transportation

Project Detail

04-841 Arterial and Residential Road Reconstruction

STR-113

Problem

Routine maintenance of the City's arterial and residential streets is needed to avoid premature deterioration. Some arterial and residential streets, however, require complete reconstruction.

Solution

Funding will provide for routine street reconstructions.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8100	012	Construction	\$0	\$0	\$2,074,010	\$2,117,564	\$2,164,362	\$6,825,423	\$13,181,359
5750	E/S	Construction	\$264,990	\$0	\$0	\$0	\$0	\$0	\$264,990
9550	G20	Construction	\$1,048,576	\$0	\$0	\$1,110,213	\$1,134,749	\$1,161,416	\$4,454,954
9800	HB	Construction	\$4,100,000	\$2,000,000	\$0	\$0	\$0	\$0	\$6,100,000
			\$5,413,566	\$2,000,000	\$2,074,010	\$3,227,777	\$3,299,111	\$7,986,839	\$24,001,303
<i>Non-Capital/Start-Up Costs</i>									
8100	470	Misc	\$1,269,795	\$0	\$0	\$0	\$0	\$0	\$1,269,795
			\$1,269,795	\$0	\$0	\$0	\$0	\$0	\$1,269,795
<i>Total (Non-Capital & Capital Costs)</i>									
			\$6,683,361	\$2,000,000	\$2,074,010	\$3,227,777	\$3,299,111	\$7,986,839	\$25,271,098

Transportation

Project Detail

03-057 Transit Maintenance Facility LNG and Office Improvements

STR-114

Problem

The Mesa Transit Division, and the Regional Public Transit Authority (RPTA) are scheduled to combine operations at the Mesa Transit Maintenance and Operations facility located at 3320 N. Greenfield Rd. by mid-April 2005. Due to the rapid growth of the fleet, transit staff is recommending the design and construction of an LNG / diesel fueling facility to be located as previously planned adjoining the existing CNG fuel site. Timing of this project will be critical since the RPTA/Tempe fixed route service will commence on April 10, 2005. Due to consolidation of the Mesa Transit Division and the Regional Public Transit Authority (RPTA), RPTA staff will be assigned to the Mesa team. RPTA has identified the need for additional office space and has requested constructed of additional offices to accommodate the newly arriving RPTA team members.

Solution

Two (2) 15,000 gallon LNG storage vessel(s) and pumping equipment will be located as previously planned in the existing CNG yard. Two (2) 12,000 gallon above ground storage tanks (ASTs) will be located west and adjacent to existing lane #4. A concrete pad will be poured west of lane #4 and constructed to support the weight of all equipment associated with fueling and storage. Additional lighting will be provided to enable nighttime operation. Also, construction of three 8' x 12' offices to be located in the Administration Building.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
8860	011	Design	\$56,752	\$0	\$0	\$0	\$0	\$0	\$56,752
			\$56,752	\$0	\$0	\$0	\$0	\$0	\$56,752
<i>Total (Non-Capital & Capital Costs)</i>									
			\$56,752	\$0	\$0	\$0	\$0	\$0	\$56,752