



Maricopa County
Department of Transportation

Transportation Improvement Program

Fiscal Years 2015-2019



Introduction

Purpose of the TIP

The Maricopa County Department of Transportation (MCDOT) annual Transportation Improvement Program (TIP) contains planned roadway system improvements for the County. These improvements include new or improved roadways, bridges, drainage structures, intersection improvements, Intelligent Transportation Systems and more. The TIP allows MCDOT to plan for five years of future projects through the development process (planning, scoping, design and construction).

Projects identified in the first year of the TIP are part of the annual adopted County budget. The County does not adopt a multi-year budget and the TIP allows for public documentation of projects planned for years two through five.

The County's annual budget is adopted by the Board of Supervisors (BOS) in May for each fiscal year beginning July 1st and ending July 30th.

Developing the TIP

The TIP is developed annually. The process begins by analyzing previously budgeted/scheduled TIP projects based upon project cost, commitment of financial partners (i.e. cities and towns) and available funding. New projects are developed from requests by cities/towns, State, and the public. These projects are then reviewed and the highest rated projects are then recommended for inclusion in the new TIP.

Accessing the TIP

Past and current MCDOT TIP information is available on the MCDOT website at mcdot.maricopa.gov/technical/tip/tip.htm. A hard copy may also be obtained through the public records request process at mcdot.maricopa.gov/forms/records-request.htm.

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TIP System Expenditure Projects 2015-2019

TIP System Projects includes those projects that are not route specific but are needed to support the entire roadway system. Examples are environmental analysis, archeological analysis, planning projects, etc.

Proj#	Project Name	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
T001	TIP Program Management	450,000	450,000	450,000	450,000	450,000
T002	Project Reserve Account	8,000,000	-	-	-	-
T003	TAB Special Projects	1,510,000	1,510,000	1,510,000	1,510,000	1,510,000
T004	Warranted Traffic Improvements	1,240,000	3,000,000	4,000,000	5,000,000	5,000,000
T005	Planning Studies (CARS & Corridor Studies)	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000
T006	Unallocated Force Account	581,000	1,280,230	1,856,230	1,913,230	2,053,230
T008	Property Management on prior year TIP Projects	50,000	50,000	50,000	50,000	50,000
T011	R.O.W. In-fill on Road Inventory System	100,000	100,000	900,000	1,000,000	1,000,000
T012	General Civil Engineering	1,336,000	600,000	1,100,000	3,100,000	3,100,000
Totals		14,867,000	8,590,230	11,466,230	14,623,230	14,763,230

Northern Parkway Program Phase I Landscaping Project

The first phase of the 12.5 mile Northern Parkway Program from Sarival Avenue to Dysart Road has been completed and landscaping of the right-of-way to prevent erosion and dust is in progress. The landscaping consists of drought-resistant trees, shrubs, accents and decomposed granite for ground covering plus an irrigation system. Once installed, the contractor will maintain the plants and irrigation system for one year to insure the plants are established. A total of \$3,256,000 is budgeted in FY 2015 to complete landscaping and corridor right-of-way acquisition to protect the future alignment. The Northern Parkway project is a 20-year multi-phased project in partnership with the Maricopa Association of Governments (MAG), the Cities of El Mirage, Glendale, Peoria and the Flood Control District of Maricopa County.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	1,000,000	1,000,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	2,500,000	500,000	1,000,000	1,000,000	-	-
Utilities	-	-	-	-	-	-
Construction	22,317,000	1,681,000	55,000	-	20,581,000	-
Totals	25,817,000	3,181,000	1,055,000	1,000,000	20,581,000	-

BOS District/s: 4

Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: Maricopa Association of Governments, City of El Mirage, City of Glendale, City of Peoria, Flood Control District of Maricopa County

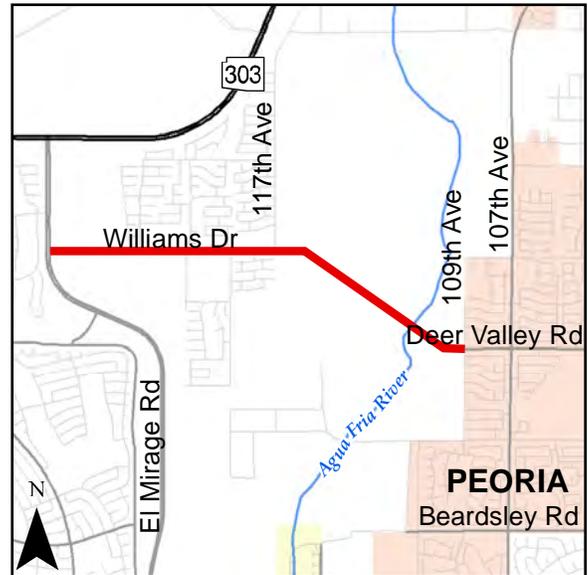
Project Manager: Tricia Brown

Phone: (602) 506-0896

email: TriciaBrown@mail.maricopa.gov

Deer Valley Road: 117th Avenue to 109th Avenue Roadway Improvement Project

The project will extend Deer Valley Road across the Agua Fria River from 109th Avenue to El Mirage Road. It will connect Williams Drive at 117th Avenue to Deer Valley Road at 109th Avenue. The project will construct two bridges, and two miles of a five-lane roadway. Construction is planned to begin in the summer of 2016.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	50,000	50,000	-	-	-	-
Environmental	1,000,000	1,000,000	-	-	-	-
Right-of-way	4,500,000	4,500,000	-	-	-	-
Utilities	400,000	400,000	-	-	-	-
Construction	21,030,000	5,600,000	15,430,000	-	-	-
Totals	26,980,000	11,550,000	15,430,000	-	-	-

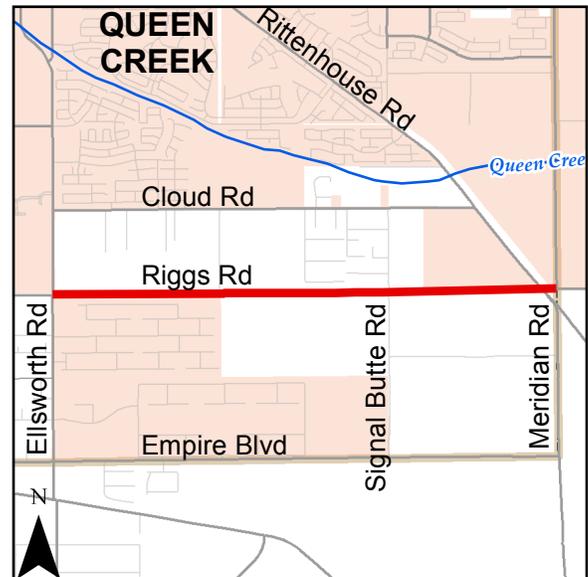
BOS District/s: 4

Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: City of Peoria

Riggs Road: Ellsworth Road to Meridian Road Roadway Widening Project

Riggs Road is a major east/west arterial that currently ends at Ellsworth Road. This project will construct Riggs Road from Ellsworth Road to Meridian Road. A total of \$200,000 is budgeted in fiscal year 2015 to complete design, cultural resource data recovery and archeological investigation along with the interim roadway design due to the existence of the Pozos de Sonoqui archeological site. Construction of this project is contingent upon funding partnership with Town of Queen Creek and is tentatively planned for FY 2019.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	50,000	50,000	-	-	-	-
Environmental	150,000	150,000	-	-	-	-
Right-of-way	2,000,000	-	-	-	2,000,000	-
Utilities	-	-	-	-	-	-
Construction	5,550,000	-	-	-	-	5,550,000
Totals	7,750,000	200,000	-	-	2,000,000	5,550,000

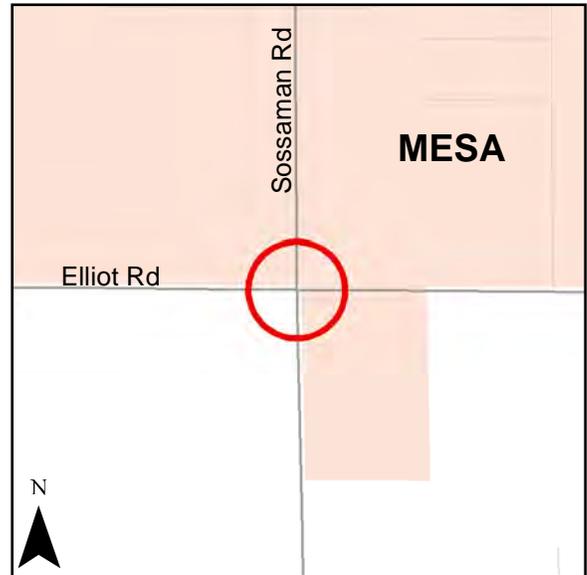
BOS District/s: 4

Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: Town of Queen Creek

Elliot Road at Sossaman Road Intersection Improvement Project

A traffic signal warrant study determined that a signalized intersection was needed to improve safety and improve traffic flow. This project will install traffic signals and make other improvements to improve safety, reduce congestion and improve traffic flow so the traveling public will have a safer commute. A total of \$940,000 is budgeted in FY 2015 to complete construction.

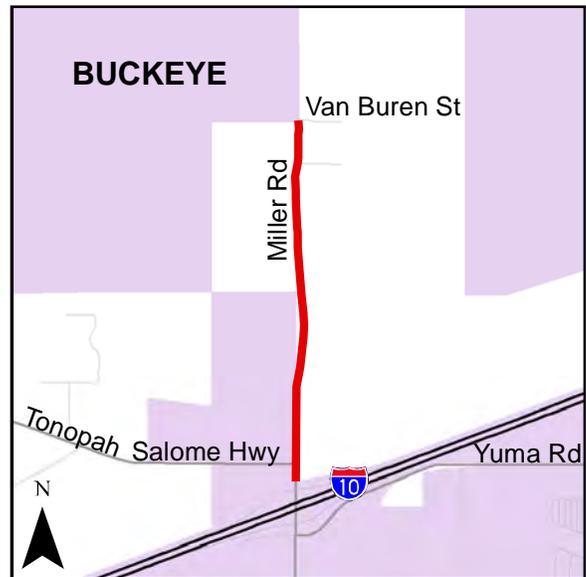


Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	940,000	940,000	-	-	-	-
Totals	940,000	940,000	-	-	-	-

BOS District/s: 2

Miller Road: I-10 to Army National Guard Facility Roadway Improvement Project

A total of \$25,000 is budgeted in FY 2015 to complete the scoping study for a project that will pave Miller Rd from I-10 to the Army National Guard Facility to improve safety. Construction is not currently planned and is dependent on National Guard participation, the total project cost and availability of funds.

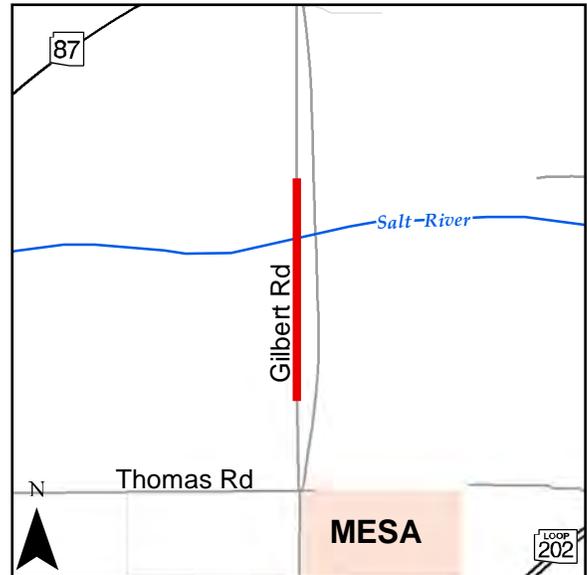


Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	25,000	25,000	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
Totals	25,000	25,000	-	-	-	-

BOS District/s: 4

Gilbert Road Bridge at the Salt River

A new six-lane bridge will replace the existing two-lane bridge with raised roadway approaches to provide an all-weather crossing. The first step is to form the financial partnership with the Salt River Indian Community and the City of Mesa to secure Maricopa Association of Governments funding from the Regional Transportation Plan. A total of \$4,000,000 is budgeted in FY 2019 to begin design contingent on partnership negotiations. Construction is contingent on successful financial partnership formation.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study			-	-	-	-
Design	-	-	-	-	-	4,000,000
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
Totals			-	-	-	4,000,000

BOS District/s: 1 and 2

Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership:

MAG/Regional Transportation Plan, Salt River Pima - Maricopa Indian Community (SRPMIC)

McKellips Road: SR 101 to Alma School Road Roadway Improvement Study

This scoping study will determine the type and cost of roadway improvements needed, i.e. travel lanes, turning lanes, paved shoulders, drainage improvements and alignment improvements providing travelers with a safer travel route. Construction is tentatively planned for FY 2022 consistent with Maricopa Association of Governments funding and is dependent on the total project cost, acquiring funding partners and availability of funds.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	320,000	320,000	-	-	-	-
Design	1,050,000	-	-	-	-	1,050,000
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
Totals	1,370,000	320,000	-	-	-	1,050,000

BOS District/s: 2

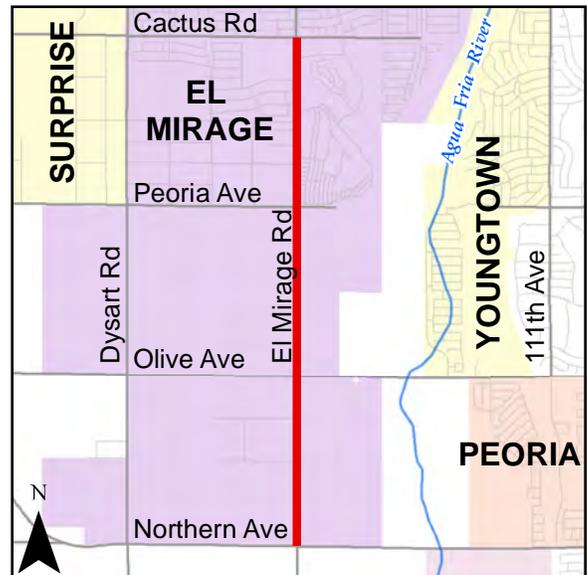
Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership:

Salt River Pima-Maricopa Indian Community (SRPMIC)

El Mirage Road: Northern Avenue to Cactus Road Roadway Widening and Safety Improvement Project

The purpose of this project is to design the widening of El Mirage Road from Northern Avenue to Cactus Road. Improvements include the intersection at Cactus Road from two to four lanes with a dual left-turn center lane. Construction is planned for FY 2015 as part of T367 El Mirage Road widening from Northern Avenue to Peoria Avenue. This project is one of five phased improvements being planned in partnership with the City of El Mirage and the Maricopa Association of Governments (MAG) along El Mirage Road from Northern Avenue to Bell Road.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	20,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
Totals	-	20,000	-	-	-	-

BOS District/s: 4

Federal Funding: No

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: City of El Mirage, Maricopa Association of Governments (MAG)

MC 85: 107th Avenue to 75th Avenue Safety Improvement Project

This project will provide a consistent roadway design from 107th Avenue to 75th Avenue by adding a dual center turn lane, where missing, and improving 75th, 83rd, 91st and 107th Avenue intersections. This project will also include overlaying the roadway so the traveling public will have a safer commute.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	350,000	450,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	1,605,000	1,605,000	-	-	-	-
Utilities	1,250,000	500,000	500,000	-	250,000	-
Construction	5,760,000	-	2,880,000	-	2,880,000	-
Totals	8,965,000	2,555,000	3,380,000	-	3,130,000	-

BOS District/s: 5

Northern Parkway Program Dysart Road to 111th Avenue/Agua Fria River Crossing

This project will acquire the right-of-way needed for the ultimate parkway layout and then construct an interim four lane parkway with additional lanes at major intersections by constructing the eventual east bound two-lane frontage road south of the existing Northern Avenue. Northern Avenue will become the ultimate west bound frontage road. These two future frontage roads will serve as the interim four-lane parkway separated by the right-of-way for the future six-lane parkway. A new bridge at the Agua Fria River is included in this project.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	497,000	497,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	33,034,670	-	15,964,060	17,070,610	-	-
Totals	33,531,670	497,000	15,964,060	17,070,610	-	-

BOS District/s: 4

Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership:

Maricopa Association of Governments, City of El Mirage, City of Glendale, City of Peoria

Project Manager: Bill Hahn

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Bush Highway: Southern Mesa City Limits North to Water Users Circle Asphalt Rubber Overlay

This 15.4-mile long project will overlay the existing Bush Highway pavement and make other safety improvements. In addition, this project will include paving of approximately 500 feet of Usery Pass Road and Goldfield Road. Other improvements include replacing an existing fence with a concrete barrier, upgrading existing guardrails and replacing the existing drainage pipe with two 24-inch pipes to reduce roadway flooding. The project is planned to be completed in phases due to limitations on construction from existing nesting bald eagles and heavy summer traffic.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	800,000	800,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	25,000	-	25,000	-	-	-
Construction	8,910,000	-	2,925,000	2,925,000	3,060,000	-
Totals	9,745,000	800,000	2,950,000	2,925,000	3,060,000	-

BOS District/s: 2

MC 85: Litchfield Road to 83rd Avenue Intelligent Transportation System (ITS) Project

The purpose of this Intelligent Transportation System (ITS) project is to install fiber optic cable and wireless connections along MC 85 between Litchfield Road and 83rd Avenue to improve traffic control.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	1,880,000	1,880,000	-	-	-	-
Totals	1,880,000	1,880,000	-	-	-	-

BOS District/s: 5
Federal Funding: Yes

Project Manager: Angel Cobb

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email: angelcobb@mail.maricopa.gov

Traffic Calming County Wide

Traffic calming devices slow traffic through the neighborhood to make it safer for the residents. This project will install speed humps and other traffic calming solutions to improve safety. Locations have yet to be selected.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	400,000	80,000	80,000	80,000	80,000	80,000
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	600,000	120,000	120,000	120,000	120,000	120,000
Totals	1,000,000	200,000	200,000	200,000	200,000	200,000

BOS District/s: All

El Mirage Road: Northern Avenue to Peoria Avenue Roadway Widening

The purpose of this project is to design the widening of El Mirage Road from Cactus Road to 1500 feet south of Peoria Avenue, right-of-way acquisition and construction from Northern Avenue to 1500 feet south of Peoria Avenue from two to four lanes with a dual left-turn lane. This project is one of five planned phased improvements being planned in partnership with the City of El Mirage and the Maricopa Association of Governments (MAG) along El Mirage Road from Northern Avenue to Bell Road.



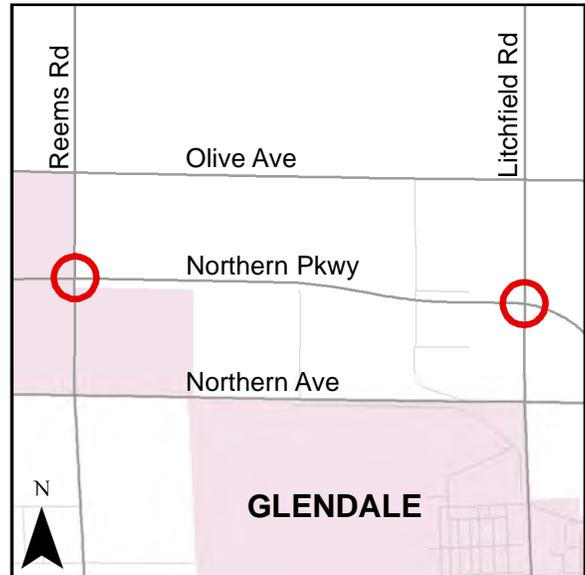
Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	20,000	20,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	5,530,000	5,530,000	-	-	-	-
Totals	5,550,000	5,550,000	-	-	-	-

BOS District/s: 4

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: City of El Mirage

Northern Parkway Program Reems Road/Litchfield Road Overpass Project

This project will construct grade separated Northern Parkway overpasses over Reems Road and Litchfield Road. Northern Avenue will be ultimately built to a six-lane arterial with the construction of 12.5 miles of roadway known as Northern Parkway. This project is part of a 20-year multi-phased Northern Parkway Program in partnership with the Maricopa Association of Governments and the cities of El Mirage, Glendale and Peoria.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	11,125,000	11,125,000	-	-	-	-
Totals	11,125,000	11,125,000	-	-	-	-

BOS District/s: 4

Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership:

Maricopa Association of Governments, City of El Mirage, City of Glendale, City of Peoria

Project Manager: Ben Markert

Phone: (602) 506-8651

email: BenMarkert@mail.maricopa.gov

Northern Parkway Program Northern Avenue at Loop 101

This project will initially widen Northern Avenue to four lanes with additional lanes at major intersections. This is one of four projects in the second phase of the 20-year multi-phased project in partnership with the Maricopa Association of Governments and the Cities of El Mirage, Glendale, Peoria, and the Flood Control District of Maricopa County.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	680,000	680,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	3,350,000	-	3,450,000	-	-	-
Utilities	900,000	900,000	-	-	-	-
Construction	7,300,000	-	-	7,300,000	-	-
Totals	12,230,000	1,580,000	3,450,000	7,300,000	-	-

BOS District/s: 4

Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership:

Maricopa Association of Governments, City of El Mirage, City of Glendale, City of Peoria

Riggs Road: Hawes Road to Ellsworth Road Roadway Widening Project

This segment of Riggs Road will be expanded to have two travel lanes in each direction, a dual center turning lane, paved shoulders, drainage improvements and alignment improvements.



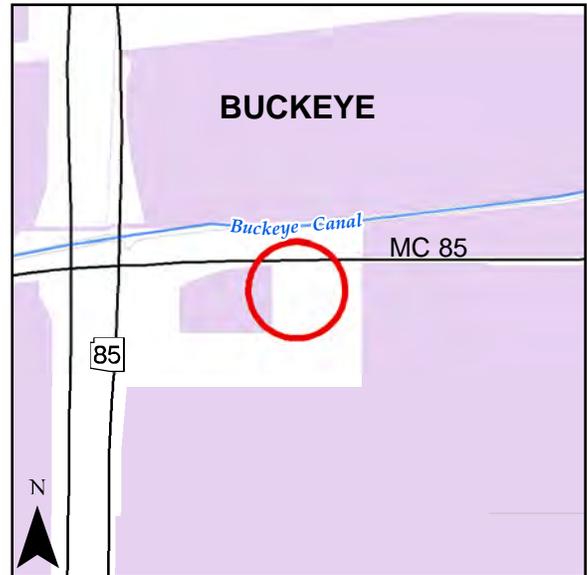
Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	1,860,000	-	-	-	1,860,000	-
Construction	3,860,000	-	-	-	3,860,000	-
Totals	5,720,000	-	-	-	5,720,000	-

BOS District/s: 1

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: Town of Queen Creek

MCDOT Highway Operations (Buckeye Yard) Facility Improvements

The Buckeye Yard building needed extensive repairs and the decision was made to construct a new building at the same site. The new building will be connected to the Town of Buckeye’s water and sewer systems. Total cost is estimated to be \$5.3 million with \$510,000 budgeted in FY 2015 to complete construction.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	510,000	510,000	-	-	-	-
Totals	510,000	510,000	-	-	-	-

E-IntelliDrive Safety – Phase III North Maricopa County

The purpose of this study is to test the Emergency and Transit Vehicle Priority System and also an advanced Pedestrian Crossing System along the Daisy Mountain Drive SMARTDrive testbed corridor in Anthem, Arizona.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	50,000	50,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
Totals	50,000	50,000	-	-	-	-

BOS District/s: 3

Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: Federal Highway Administration, University of Arizona, University of Virginia

Avondale Boulevard at MC 85 Traffic Signal and Safety Improvement Project

This project will upgrade the existing traffic signal, make other improvements and railroad safety improvements at this intersection. The project will improve safety, reduce congestion and improve traffic flow. Construction is planned for FY 2016.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	50,000	50,000	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	1,804,000	-	1,804,000	-	-	-
Totals	1,854,000	50,000	1,804,000	-	-	-

BOS District/s: 4

Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: City of Avondale

Olive Avenue: Citrus Road to El Mirage Road Roadway Improvement Study

This scoping study will determine the type and cost of roadway improvements needed, i.e. travel lanes, turning lanes, paved shoulders, drainage improvements and alignment improvements. Construction is not currently planned and is dependent on the total project cost, acquiring funding partners and availability of funds.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	60,000	60,000	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
Totals	60,000	60,000	-	-	-	-

BOS District/s: 4

Project Manager: Nariman Zadeh

Phone: (602) 506-8623

email: NarimanZadeh@mail.maricopa.gov

Riggs Road: Power Road to Hawes Road Roadway Widening Project

Riggs Road is a major east-west arterial that currently ends at Ellsworth Road. This segment of Riggs Road will be expanded to have three travel lanes in each direction, a dual center turning lane, paved shoulders, signal improvements, drainage improvements and alignment improvements. Total cost is estimated to be \$17.2 million. \$1,555,000 is budgeted in FY 2015 to complete design and begin right-of-way acquisition. Construction is tentatively planned for FY 2017.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	555,000	555,000	-	-	-	-
Environmental	905,000	-	450,000	455,000	-	-
Right-of-way	2,150,000	1,000,000	1,150,000	-	-	-
Utilities	2,200,000	-	2,200,000	-	-	-
Construction	10,005,000	-	-	10,005,000	-	-
Totals	15,840,000	1,555,000	3,800,000	10,460,000	-	-

BOS District/s: 1

Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: Town of Queen Creek

Low Volume Road Program Dust Mitigation and Dirt Road Paving: County Wide

The MCDOT’s Low Volume Road (LVR) Program is paving and improving dirt roads in the MCDOT Roadway System in compliance with federal EPA mandates and Maricopa County’s Air Quality Plan.

- 168th Avenue: Dixileta Drive to Dove Wing Way
- 199th Avenue: Happy Valley Road to Frontier Drive
- 205th Avenue: Bradley Road to Gordon Way
- 205th Avenue: Janice Road to Skinner Drive
- 206th Avenue: Begin Road to Radford Road
- 227th Avenue: Montgomery Road to Lone Mountain Road
- 227th Avenue: Lone Mountain Road to Dove Valley Road
- Dove Valley Road: 231st Avenue to 227th Avenue
- Frontier Drive: 199th Avenue to 195th Avenue
- Frontier Drive: Begin Road to Reems Road
- Galvin Street: Begin Road to 211th Avenue
- Gordon Way: 205th Avenue to Bradley Road
- Janice Road (Peak View Road): Begin Road to 205th Avenue
- Janice Road (Peak View Road): 205th Avenue to 203rd Avenue
- Lone Mountain Road: Crozier Road to 215th Avenue
- Norwich Drive: 193rd Avenue to 191st Avenue
- Patrick Lane: 89th Avenue to 87th Avenue
- Planada Lane: 87th Avenue to 83rd Avenue
- Radford Road: 207th Avenue (Mitchell Road) to 206th Avenue
- Radford Road: 206th Avenue to 205th Avenue
- Skinner Drive: Begin Road to 205th Avenue

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	160,000	160,000	-	-	-	-
Environmental	25,000	25,000	-	-	-	-
Right-of-way	50,000	50,000	-	-	-	-
Utilities	50,000	50,000	-	-	-	-
Construction	2,525,000	2,525,000	-	-	-	-
Totals	2,810,000	2,810,000	-	-	-	-

BOS District/s: 4

Federal Funding: Yes

Empire Boulevard and Meridian Road Intersection Improvement Project

This intersection is at the southeast corner of the County with three legs of the intersection in Pinal County. The northwest corner is in Maricopa County. Pinal County has previously improved their three legs of the intersection. The County will improve the final leg of the intersection, install new traffic signals and move private irrigation to make room for the additional traffic lanes being constructed.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	865,000	865,000	-	-	-	-
Totals	865,000	865,000	-	-	-	-

BOS District/s: 1

Northern Parkway Program Dysart Road Overpass Project

Northern Avenue will be widened initially to four lanes with additional lanes at major intersections. Construction of the overpass is tentatively planned for FY 2017 with the design scheduled to start in FY 2016. The estimated cost of the project is \$11.8 million. The overpass will be constructed to the ultimate six-lane width with wide shoulders to accommodate future expansion but striped to have two travel lanes in each direction consistent with initial construction of the other portions of the 20-year multi-phased project. The Dysart Road overpass is one of four projects in the second phase of the 20-year, multi-phased project in partnership with the Maricopa Association of Governments and the Cities of El Mirage, Glendale, Peoria, and the Flood Control District of Maricopa County.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	859,000	-	859,000	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	10,918,000	-	-	10,918,000	-	-
Totals	11,777,000	-	859,000	10,918,000	-	-

BOS District/s: 4

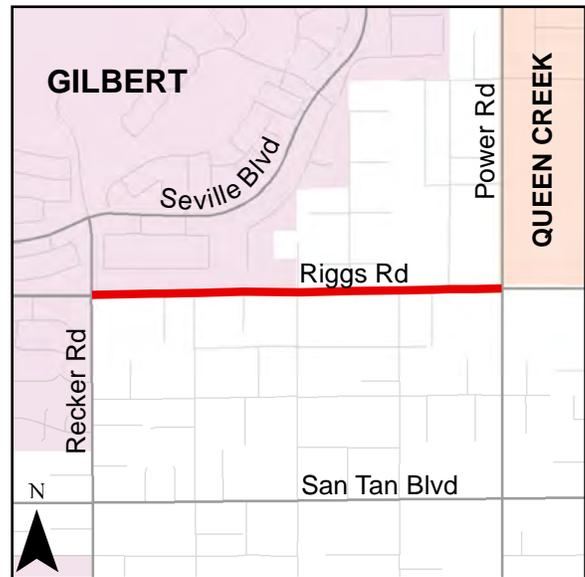
Federal Funding: Yes

Intergovernmental Agreement (Cost Share) Project Partners or Partnership:

Maricopa Association of Governments, City of El Mirage, City of Glendale, City of Peoria

Riggs Road: Recker Road to Power Road Roadway Widening Project

Riggs Road is a major east/west arterial that currently ends at Ellsworth Road. This project will construct Riggs Road from Recker Road to Power Road to have two travel lanes in each direction, a dual center turning lane, paved shoulders, drainage improvements and alignment improvements. Total cost is estimated to be \$7.3 million.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	200,000	200,000	-	-	-	-
Environmental	375,000	100,000	275,000	-	-	-
Right-of-way	975,000	100,000	875,000	-	-	-
Utilities	1,100,000	-	1,100,000	-	-	-
Construction	4,095,000	-	-	3,445,000	650,000	-
Totals	6,770,000	400,000	2,250,000	3,445,000	650,000	-

BOS District/s: 1

McDowell Road: 76th Street to Usery Pass Road Safety Improvement Project

This project will add bike lanes to McDowell Road from 76th Street to Usery Pass Road to improve safety for both cyclists and motorists.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	30,000	30,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	40,000	40,000	-	-	-	-
Utilities	20,000	20,000	-	-	-	-
Construction	687,000	687,000	-	-	-	-
Totals	777,000	777,000	-	-	-	-

BOS District/s: 2
 Federal Funding: Yes

Project Manager: Ben Markert

Phone: (602) 506-8651

email: BenMarkert@mail.maricopa.gov

Low Volume Road Program Dust Mitigation and Dirt Road Paving: Dove Valley

This is a dust mitigation project in the Dove Valley area providing travelers with a healthier route to travel. The project includes:

- 167th Avenue: Dixileta Drive to Windstone Trail
- 168th Avenue: Dixileta Drive to Windstone Trail
- Montgomery Road and White Wing Road: 171st Avenue to 163rd Avenue

The estimated project cost is \$2,020,000 out of which \$320,000 budgeted in FY 2015 to complete design, right-of-way acquisition and utility relocation prior to construction. Construction is planned for FY 2016.

The MCDOT's Low Volume Road (LVR) Program is paving and improving dirt roads in the MCDOT Roadway System in compliance with federal EPA mandates and Maricopa County's Air Quality Plan.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	20,000	20,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	300,000	300,000	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	1,700,000	-	1,700,000	-	-	-
Totals	2,020,000	320,000	1,700,000	-	-	-

BOS District/s: 4

Federal Funding: Yes

Project Manager: Eric Mayer

Phone: (602) 506-8367

email: EricMayer@mail.maricopa.gov

East Mesa Subdivisions Pavement Rehabilitation Project

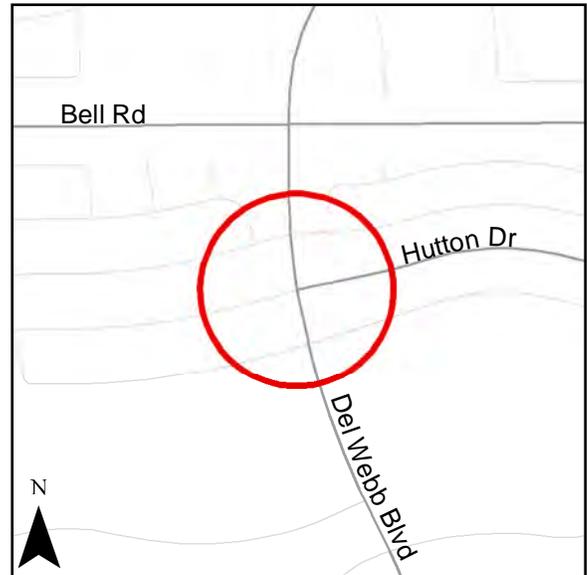
This project will remove existing pavement and replace with new pavement and valley gutters as needed in subdivisions in the vicinity of Loop 202 and Broadway Road. Construction is planned for FY 2015.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	6,150,000	6,150,000	-	-	-	-
Totals	6,150,000	6,150,000	-	-	-	-

BOS District/s: 2

Del Webb Boulevard at Hutton Drive Traffic Signal Installation and Traffic Safety Improvement

This project will construct a new traffic signal at the intersection and reconstruct the existing sidewalk ramps to conform with the Americans with Disabilities Act (ADA). A traffic signal warrant study determined that a signalized intersection was needed to improve safety and improve traffic flow.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	413,000	413,000	-	-	-	-
Totals	413,000	413,000	-	-	-	-

BOS District/s: 4

Alma School Road at Michigan Avenue Traffic Signal Installation and Traffic Safety Improvements

This project will install a new traffic signal at the intersection, extend the north and south bound turn lanes and reconstruct the existing sidewalk ramps per the Americans with Disabilities Act (ADA). A traffic signal warrant study determined that a signalized intersection was needed to improve safety and traffic flow.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	139,000	139,000	-	-	-	-
Totals	139,000	139,000	-	-	-	-

BOS District/s: 1

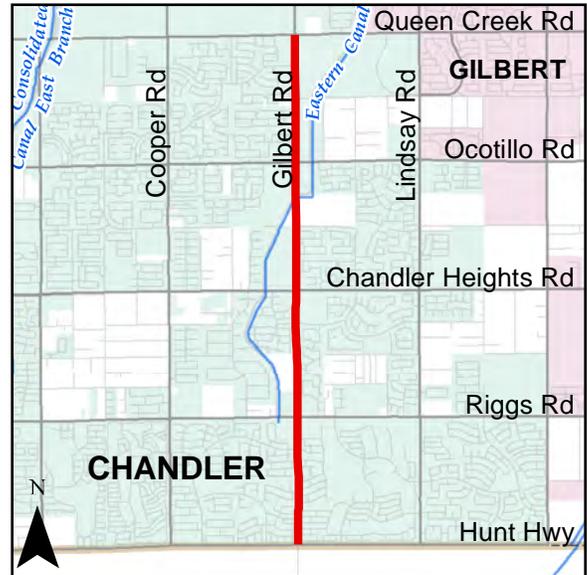
Cotton Lane Haul Road Repair

As part of the construction to widen Loop 303 the Arizona Department of Transportation (ADOT) contractor is using a portion of Cotton Lane to haul materials. Upon completion of the construction an assessment will be made to determine if any repairs to the roadway are needed.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	325,000	-	-	-	-	325,000
Totals	325,000	-	-	-	-	325,000

Gilbert Road: Queen Creek Road to Hunt Highway Roadway Improvement Project

The City of Chandler is the lead agency on this project. Improvements include widening to six lanes, adding bike lanes, curb/gutter, sidewalks, street lighting, new traffic signals and landscaping.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	1,037,000	-	-	1,037,000	-	-
Totals	1,037,000	-	-	1,037,000	-	-

BOS District/s: 1

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: City of Chandler

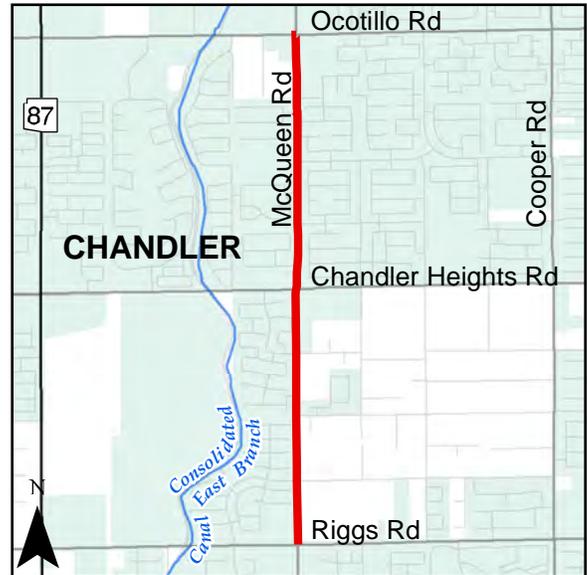
Project Manager: Clem Ligocki

Phone: (602) 506-8672

email: ClemLigocki@mail.maricopa.gov

McQueen Road: Riggs Road to Ocotillo Road Roadway Improvement Project

The City of Chandler is the lead agency on this project. Improvements include widening to city standards, adding bike lanes, curb/gutter, sidewalks, street lighting, new traffic signals and landscaping.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	309,000	-	-	309,000	-	-
Totals	309,000	-	-	309,000	-	-

BOS District/s: 1

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: City of Chandler

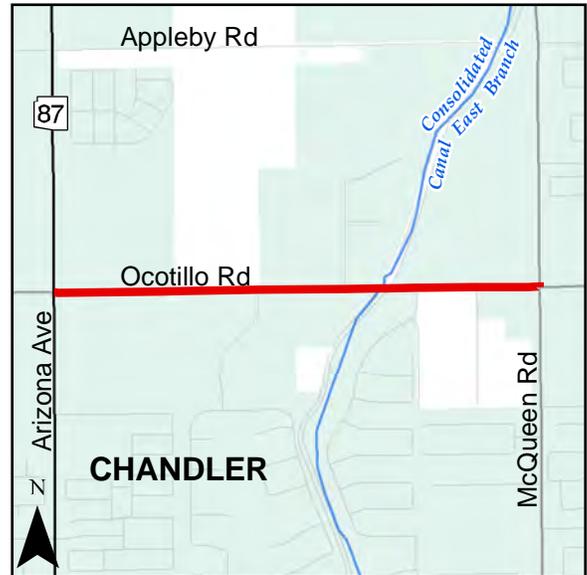
Project Manager: Clem Ligocki

Phone: (602) 506-8672

email: ClemLigocki@mail.maricopa.gov

Ocotillo Road: Arizona Avenue to McQueen Road Roadway Improvement Project

The City of Chandler is the lead agency in charge of administering this project via an intergovernmental agreement with MCDOT. Improvements include widening to city standards, adding bike lanes, curb/gutter, sidewalks, street lighting, new traffic signals and landscaping.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	1,120,000	-	-	1,120,000	-	-
Totals	1,120,000	-	-	1,120,000	-	-

BOS District/s: 1

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: City of Chandler

Project Manager: Randy Dunsey

Phone: (602) 506-2166

email: DunseyR@mail.maricopa.gov

Aguila Road: Western Area Power Administration Towers Safety Improvement Project

This project will realign Aguila Road around three Western Area Power Administration Towers to provide a 50-foot clear zone around the towers. The project will require purchasing land from the Arizona State Land Department. A total of \$12,000 is budgeted in FY 2015.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	2,000	2,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	10,000	10,000	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
Totals	12,000	12,000	-	-	-	-

BOS District/s: 4

New River Road at Linda Lane Safety Improvement Project

The Maricopa County Trail System crosses New River Road just south of Linda Lane. Due to the limited sight distance for on-coming traffic, hikers are in danger when crossing the road. This project will acquire right-of-way and make other improvements to allow hikers to see on-coming traffic for a greater distance to allow for a safer road crossing.

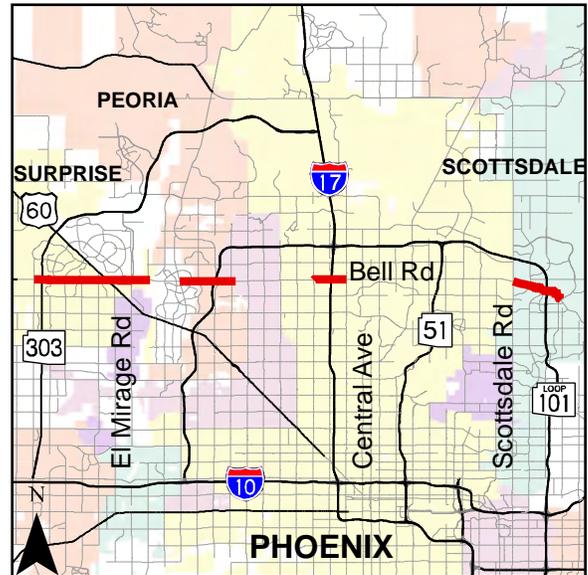


Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	90,000	90,000	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	235,000	-	235,000	-	-	-
Totals	325,000	90,000	235,000	-	-	-

BOS District/s: 3

Bell Road Adaptive Signals Study

The purpose of this project is to install a signal timing system at 52 intersections along Bell Road between Cotton Lane and 114th Avenue; 99th Ave and 73rd Ave; 35th Ave and 19th Ave as well as along Frank Lloyd Wright Boulevard between Scottsdale Road and Thompson Peak Parkway so that commuters will have a faster and safer commute. The system will systematically respond to the varying traffic conditions to facilitate traffic demands. Construction is planned for FY 2016.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	190,000	190,000	-	-	-	-
Environmental	25,000	25,000	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	2,600,000	-	2,600,000	-	-	-
Totals	2,815,000	215,000	2,600,000	-	-	-

BOS District/s: 4
 Federal Funding: Yes

Anthem Box Culverts Scour Protection North Central Maricopa County

Intense summer storms in 2012 resulted in soil erosion (scour in engineering terms) downstream of seven box culverts in the Anthem area. A review of the existing hydrology and hydraulics of the culverts indicates that improved scour protection is needed.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	50,000	50,000	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	240,000	240,000	-	-	-	-
Totals	290,000	290,000	-	-	-	-

BOS District/s: 3

Project Manager: Randy Dunsey

Phone: (602) 506-2166

email: DunseyR@mail.maricopa.gov

University Drive and Meridian Road Traffic Signal Installation

This project will replace the obsolete existing traffic signal at the intersection. The existing traffic signal is obsolete and needs to be upgraded to current County standards.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study			-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	400,000	400,000	-	-	-	-
Totals	400,000	400,000	-	-	-	-

BOS District/s: 2

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: City of Chandler

Germann Road at Sossaman Road Intersection Improvement Study

The Town of Queen Creek is in partnership with the City of Mesa and the County to study the Germann Road/Sossaman Road intersection to investigate the feasibility of an at-grade railroad crossing. The County will contribute up to \$50,000 to the study and provide staff participation to the study team. A total of \$37,500 is budgeted in FY 2015 for the study.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	37,500	37,500	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
Totals	37,500	37,500	-	-	-	-

BOS District/s: 1 and 2

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: Town of Queen Creek and City of Mesa

Fiber Optics Installation

- **Indian School Road: W/O SR101L to 99th Avenue**
- **McDowell Road at SR101L**
- **Daisy Mountain Road: Daisy Mountain Road to north terminus of the ADOT Freeway Management System on Interstate 17**

This project will install fiber optic cable along Indian School Road, McDowell Road and Daisy Mountain Road. Along Indian School Road the fiber optic cable will connect MCDOT traffic signals to ADOT traffic signals at 99th Avenue and SR101L. The McDowell Road fiber optic cable will integrate the MCDOT traffic signal and the ADOT traffic signal at McDowell Road and SR101L. The Daisy Mountain Road fiber optic cable will connect all MCDOT traffic signals along Daisy Mountain Road to the north terminus of the ADOT Freeway Management System on Interstate 17. These projects will coordinate signal timings, monitor traffic flow and adjust signals to minimize commuter delays. A total of \$5,000 is budgeted in FY 2015 to apply for Federal Funds. Construction is tentatively scheduled for FY 2017.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	5,000	5,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	480,000	-	-	480,000	-	-
Totals	485,000	5,000	-	480,000	-	-

BOS District/s: 2, 3 & 4

Federal Funding: Pending

Fiber Optics Installation

Riggs Road: Sun Lakes Boulevard to Arizona Avenue Alma School Road: Chandler Heights Road to Riggs Road

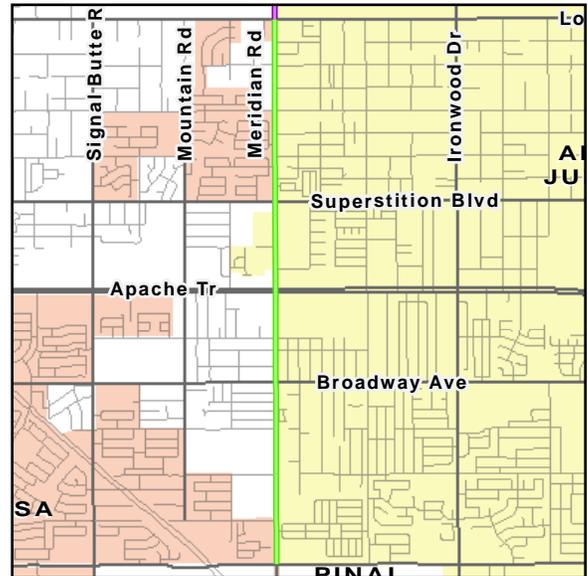
This project will install fiber optic cable along Riggs Road from Sun Lakes Boulevard to Arizona Avenue to interconnect the traffic signals. The project along Alma School Road from Chandler Heights Road to Riggs Road will integrate with the Regional Community Network System and the MCDOT Traffic Management Center. These projects will coordinate signal timings, monitor traffic flow and adjust signals to minimize commuter delays. A total of \$5,000 is budgeted in FY 2015 to apply for federal funds. Construction is tentatively scheduled for FY 2017.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	5,000	5,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	800,000	-	-	800,000	-	-
Totals	805,000	5,000	-	800,000	-	-

BOS District/s: 1
Federal Funding: Pending

Meridian Road: Southern Avenue to Brown Road Asphalt Rubber Overlay

This project will overlay Meridian Road with rubberized asphalt.



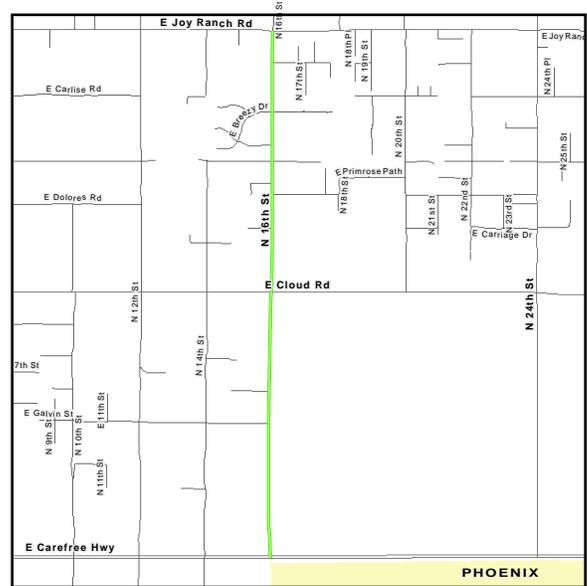
Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	44,000	44,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	611,000	611,000	-	-	-	-
Totals	655,000	655,000	-	-	-	-

BOS District/s: 2

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: City of Apache Junction

16th Street: Carefree Highway to Joy Ranch Road Asphalt Rubber Overlay

This project will overlay 16th Street between Carefree Highway and Joy Ranch Road with rubberized asphalt. The need for this improvement was identified by the Pavement Management System.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	390,000	390,000	-	-	-	-
Totals	390,000	390,000	-	-	-	-

BOS District/s: 3

Project Manager: James Newberry

Phone: (602) 506-4109

email: JamesNewberry@mail.maricopa.gov

Asphalt Rubber Overlay Southeast Area Arterials

Hawes Road: Empire Boulevard to Riggs Road
Recker Road: Chandler Heights Road to Brooks Farm Road
San Tan Boulevard: Recker Road to Ellsworth Road

This project will overlay Hawes Road from Empire Boulevard to Riggs Road, Recker Road from Chandler Heights Road to Brooks Farm Road and San Tan Boulevard from Recker Road to Ellsworth Road with rubberized asphalt. The need for this improvement was identified by the Pavement Management System.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	1,000,000	1,000,000	-	-	-	-
Totals	1,000,000	1,000,000	-	-	-	-

BOS District/s: 1

Asphalt Rubber Overlay Portions of a Two-Mile Section of Germann Road

This project will overlay portions of Germann Road with rubberized asphalt so travelers will have a safer route to travel.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	425,000	-	425,000	-	-	-
Totals	425,000	-	425,000	-	-	-

BOS District/s: 2

Asphalt Rubber Overlay SR303L and Northern Avenue Area

This project will overlay the following road segments with rubberized asphalt so travelers will have a safer route to travel:

- Citrus Road: Northern Avenue to Butler Drive
- Cotton Lane: Camelback Road to Peoria Avenue
- Sarival Road: Camelback Road to Northern Parkway
- Reems Road: Glendale Road to Peoria Avenue
- Glendale Road: Cotton Lane to Reems Road
- Northern Avenue: Cotton Lane to Reems Road and from to 147th Avenue to the junction with Northern Parkway
- Olive Avenue: Cotton Lane to Sarival Road
- Reems Road to 147th Avenue
- Peoria Avenue: Sarival Road to Reems Road

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	4,085,000	4,085,000	-	-	-	-
Totals	4,085,000	4,085,000	-	-	-	-

BOS District/s: 4

Project Manager: James Newberry

Phone: (602) 506-4109

email: JamesNewberry@mail.maricopa.gov

Local Road Rehabilitation County Wide

This project will improve local roads to be determined by from the MCDOT Pavement Management System ratings so travelers have a safer route to travel.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	7,910,000	-	7,910,000	-	-	-
Totals	7,910,000	-	7,910,000	-	-	-

BOS District/s: All

Project Manager: James Newberry

Phone: (602) 506-4109

email: JamesNewberry@mail.maricopa.gov

Asphalt Rubber Overlay Northwest Area Arterials

This project will improve various arterial roads identified by the MCDOT Pavement Management System so travelers have a safer route to travel.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	1,460,000	-	1,460,000	-	-	-
Totals	1,460,000	-	1,460,000	-	-	-

BOS District/s: 4

Asphalt Rubber Overlay Southeast Area Arterials

This project will improve various arterial roads in the Southeast area identified by the MCDOT Pavement Management System so travelers have a safer route to travel.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	2,075,000	-	2,075,000	-	-	-
Totals	2,075,000	-	2,075,000	-	-	-

BOS District/s: 1 & 2

Project Manager: James Newberry

Phone: (602) 506-4109

email: JamesNewberry@mail.maricopa.gov

Asphalt Rubber Overlay Southwest Area Arterials

This project will improve various arterial roads in the Southwest area identified by the MCDOT Pavement Management System so travelers have a safer route to travel.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	605,000	-	605,000	-	-	-
Totals	605,000	-	605,000	-	-	-

BOS District/s: 5

Pavement Preservation Project County Wide

This project will improve various arterial and local roads throughout the County identified by the MCDOT Pavement Management System so travelers have safer routes to travel. A total of \$3,630,000 is budgeted in FY 2017 for construction

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	15,430,000	-	-	3,630,000	5,800,000	6,000,000
Totals	15,430,000	-	-	3,630,000	5,800,000	6,000,000

BOS District/s: All

Project Manager: James Newberry

Phone: (602) 506-4109

email: JamesNewberry@mail.maricopa.gov

Asphalt Rubber Overlay Southeast Area Arterials

This project will improve various arterial roads in the Southeast area identified by the MCDOT Pavement Management System so travelers have safer routes to travel.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	1,170,000	-	-	1,170,000	-	-
Totals	1,170,000	-	-	1,170,000	-	-

BOS District/s: 1 & 2

Gavilan Peak Parkway at Venture Drive Pedestrian Crosswalk Beacon

This project will install a Pedestrian Crosswalk Beacon at the intersection. There is heavy pedestrian traffic crossing Gavilan Peak Parkway going to and from the Anthem Community Park. A traffic signal warrant study determined that a pedestrian signal was needed to improve safety at this crossing.



Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	-	-	-	-	-	-
Design	20,000	20,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	200,000	200,000	-	-	-	-
Totals	220,000	220,000	-	-	-	-

BOS District/s: 3

Happy Valley Parkway at 115th Ave Traffic Scoping Study

The purpose of the scoping study is to determine the best way to handle the increased traffic turning left from Happy Valley Parkway onto Lake Pleasant Parkway.

Activity	FY 2015-2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Scoping Study	45,000	45,000	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
Totals	45,000	45,000	-	-	-	-

Northern Parkway Program Sarival Road to Dysart Road

This initial phase (phase one) of the Northern Parkway Program, extending between Sarival Avenue and Dysart Road, constructed an interim four-lane roadway consisting of the eastbound and westbound auxiliary lanes and the two outside travel lanes to achieve the interim roadway configuration of two travel lanes in each direction of the ultimate six-lane Northern Parkway. A center concrete barrier and an additional inside lane in each direction will be added in the future to form the ultimate six-lane configuration.

Phase one of the Northern Parkway Program also included connecting ramps for future grade-separated intersections (over-passes); bridge structures at the BNSF spur/143rd Avenue and Sarival Avenue crossings; new curb, gutter and street lighting at on/off ramps and intersecting cross streets; and the installation of new traffic signals at Sarival Avenue, Reems Road and Litchfield Road. In addition, segments of the White Tanks Area Drainage Master Plan improvements were constructed in partnership with the Flood Control District of Maricopa County. This project is funded in part by voter-approved Prop 400 – MAG (Maricopa Association of Governments) Regional Transportation Plan.

Total Cost: \$77.3 Million



Miller Road Bridge Bridge Improvement Rehabilitation Project

MCDOT, in partnership with the City of Buckeye and the Buckeye Water Conservation and Drainage District (BWCDD), rehabilitated the Miller Road Bridge crossing of the BWCDD Canal located just north of Narramore Avenue. New improvements included the replacement of the Miller Road Bridge deck, the construction of new roadway approaches on Miller Road and the installation of new concrete canal lining, along with the relocation of the BWCDD Lateral 21 pipe line and turnout structures. The new bridge has been designed to accommodate the installation of additional travel lanes when future roadway widening is warranted.

Total Cost: \$2.2 Million



Fort McDowell Road SR 87 (Beeline Highway) to Ba Hon Nah Road Drainage Improvement Project

- Area 1 - Fort McDowell Road approximately 3,200 feet north of SR 87
- Area 2 - Fort McDowell Road and Mohave Road intersection
- Area 3 - Fort McDowell Road approximately 650 feet north of the Harquahala Road
- Area 4 - Fort McDowell Road at the Fort McDowell Recreation Center

The Fort McDowell Road Drainage Improvement Project improved drainage in these areas by preventing storm event flows from flooding the roadway. The project included grading, installation of storm drain pipe, channel excavation, relocation of fiber optic conduit, cable, pull boxes, sewer service lines and water lines.

Total Cost: \$783,000



El Mirage Road: Picerne Drive to Bell Road Roadway Improvement Project

MCDOT, in partnership with the City of Surprise, installed new traffic signals, street lighting, curb/gutter and sidewalk at the intersection of El Mirage Road and Bell Road. Additional improvements included the installation of raised medians, three through travel lanes and dual left-turn lanes in all four directions, right-turn-only lanes for west, south and eastbound travel and a “free-flow” right-turn lane on westbound Bell Road for northbound travel onto El Mirage Road. The project also included the widening of El Mirage Road between Bola Drive and Bell Road and drainage improvements on El Mirage Road from the Lizard Acres Wash crossing northward to just south of Bell Road.

Total Cost: \$5.8 Million



Sun City Roadway Rehabilitation Project 99th Avenue: Tarrytown Avenue to Coggins Drive

MCDOT performed roadway maintenance and rehabilitation activities on 99th Avenue between Tarrytown Avenue and Coggins Drive. The work included milling (grinding) the asphalt pavement followed by the installation of a “roadway quieting” surface treatment using a “rubberized” asphalt overlay paving process which used recycled pulverized tires from landfill sites throughout the southwest.

Total Cost: \$9.6 Million

Dynamic Message Sign Installation Project West Valley

- McDowell Road west of Pebble Creek Parkway/Estrella Parkway
- McDowell Road east of Bullard Avenue
- MC 85 west and east of Estrella Parkway

MCDOT, in partnership with the City of Goodyear, installed four new overhead roadway Dynamic Message Signs (DMS) connecting to the existing traffic signal, Intelligent Transportation System (ITS) equipment and communication links at the locations listed above. Work included the installation of DMS and associated structures, shaft foundations, surface trenching, fiber optic cable and closed circuit television (CCTV) cameras for real-time traffic management. The new DMS provides drivers with real time travel information along the McDowell Road and MC 85 corridors and also alerts motorists to potential traffic incidents or congestion impacting traffic flow in the area.

Total Cost: \$940,000

MC 85 at Jackrabbit Road Intersection Improvement Project

The MC 85 at Jackrabbit Road intersection improvement project replaced and upgraded the existing antiquated traffic signal poles and foundations to improve safety, reduce congestion, reduce maintenance costs and improve traffic flow at the intersection.

Total Cost: \$540,000

University Drive at Signal Butte/Crismon Road Intersection Improvement Project

The University Drive intersection improvement project installed new traffic signal poles and foundations to improve safety and traffic flow and reduce congestion and maintenance costs. Additional improvements included ADA-compliant sidewalk ramps, and new roadway signing and striping.

Total Cost: \$613,000



Asphalt Rubber Overlay Southwest Area Arterials

This project consisted of milling (grinding) and resurfacing by the installation of a roadway quieting surface treatment using a rubberized asphalt overlay paving process which used recycled pulverized tires from landfill sites throughout the southwest. Additionally, pavement safety edges were constructed on roadway segments where required. The project also included the installation of pavement markings, vehicle loop detector sensors and other miscellaneous work.

- **Forest Road:**

Mustang Way to Rio Verde Drive

- **91st Avenue (northbound lanes only):**

MC 85 to 1,320 feet north of MC 85

- **195th Avenue (Jackrabbit Trail):**

Thomas Road to Camelback Road

- **McDowell Road:**

Perryville Road to Citrus Road

- **Olive Avenue:**

Citrus Road to Sarival Avenue

- **Van Buren Street:**

Perryville Road to Citrus Road

- **Lehi Road:**

2,137 feet north of McDowell Road to Thomas Road

- **Val Vista Drive:**

33 feet north of Chandler Heights Road to Ocotillo Road

- **Val Vista Drive:**

80 feet north of the Southern Canal Service Road to Thomas Road

- **Old US 80:**

- 5,953 feet north of Watermelon Road to 11,233 feet north of Watermelon Road

- 76 feet north of Mile Post 5 to 3,506 feet north of Mile Post 5

- 20,915 feet north of Watermelon Road to Cactus Rose Road

- Arlington School Road to Salome Highway

Total Cost: \$6.4 Million

Del Webb Boulevard at Hutton Drive Intersection Improvement Project

The Del Webb Boulevard and Hutton Drive intersection improvement project installed new traffic signal equipment, pole foundations, poles, mast arms and signal heads to improve safety, reduce congestion, reduce maintenance costs, and improve traffic flow. Additional improvements included installation of emergency preemption equipment for fire trucks, pole-mounted traffic detection devices for traffic management, new ADA-compliant sidewalk ramps and intersection pavement reconstruction.

Total Cost: \$610,000

Alma School Road at Michigan Avenue Intersection Improvement Project

The Alma School Road at Michigan Avenue intersection improvement project installed new traffic signal equipment, pole foundations, poles, mast arms and signal heads to improve safety, reduce congestion, reduce maintenance costs, and improve traffic flow. Additional improvements included installation of emergency preemption equipment for fire trucks, pole-mounted traffic detection devices for traffic management, new ADA-compliant sidewalk ramps and intersection pavement reconstruction.

Total Cost: \$535,000



339th Avenue at Interstate 10 (I-10) Pavement Rehabilitation Project

MCDOT performed roadway maintenance and rehabilitation activities on 339th Avenue just south of Interstate 10. The work included milling (grinding) the asphalt pavement, as well as removing and reconstructing certain pavement sections. The project also included utility adjustments and installation of pavement markings.

Total Cost: \$247,000





Maricopa County
Department of Transportation