



**Maricopa County**  
Department of Transportation



# Transportation Improvement Program

Fiscal Years 2016-2020



# Introduction

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The Maricopa County Department of Transportation (MCDOT) annual Transportation Improvement Program (TIP) is the five-year plan for Maricopa County's roadway system projects. These projects focus on building or maintaining the County's transportation infrastructure investment and include: roadways, bridges, drainage structures, intersections and Intelligent Transportation Systems.

MCDOT, local jurisdictions and the public identified projects listed in the TIP as potential improvements to the Maricopa County Transportation System. MCDOT evaluates the need and feasibility of projects through careful scoping and preliminary design. All projects within the TIP with funding allocated for fiscal year 2016 have been adopted into the County's annual budget by the Maricopa County Board of Supervisors. All other projects listed in the TIP are proposed as part of MCDOT's five-year plan.

Each year, MCDOT evaluates the TIP to keep the public informed of the County's roadway investments. Past and current TIP information is available on the MCDOT website at <http://www.mcdot.maricopa.gov/technical/tip/tip.htm>.

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# FY 2016 - 2020 Project Listing

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T333	Elliot Rd at Sossaman Road	Intersection Improvement	1,899,000	1,899,000	-	-	-
T352	MC 85: Litchfield Rd to 83rd Ave	Intelligent Transportation System	802,800	802,800	-	-	-
T389	Multi-Modal Intelligent Traffic Signal System		60,000	60,000	-	-	-
T391	Avondale Blvd at MC 85	Traffic Signal/Safety Improvement	884,000	884,000	-	-	-
T408	Palm Ln: Hawes Rd to 78th St	Drainage Improvement Study	30,000	30,000	-	-	-
T410	Low Volume Road Program	Dirt Road Paving	5,455,000	5,455,000	-	-	-
T432	McDowell Rd: 76th Ave to Usery Pass Rd	Safety Improvement	527,000	527,000	-	-	-
T444	Aguilla Rd at WAPA Towers	Safety Improvement Project	120,000	120,000	-	-	-
T445	New River Rd at Linda Ln	Safety Improvement Project	260,000	260,000	-	-	-
T448	RH Johnson Blvd and Meeker Blvd	Intelligent Transportation System	578,000	578,000	-	-	-
T452	Patton Rd west of 257th Ave	Drainage Improvement Study	110,000	110,000	-	-	-
T459	Anthem Box Culverts	Erosion Protection	1,220,000	1,220,000	-	-	-
T473	Local Road Rehab	County Wide	7,910,000	7,910,000	-	-	-
T474	Asphalt Rubber Overlay	Northwest Area Arterials	1,463,000	1,463,000	-	-	-
T475	Asphalt Rubber Overlay	Southeast Area Arterials	2,071,740	2,071,740	-	-	-
T476	Asphalt Rubber Overlay	Southeast Area Arterials	608,000	608,000	-	-	-
T482	University Dr at 96th St	Traffic Intersection Improvement	445,000	445,000	-	-	-
T483	35th Ave Baseline to Southern (IGA)	Contribute to Phoenix project	1,070,000	1,070,000	-	-	-
T489	99th Ave at Cameo Dr	Traffic Intersection Improvement	188,000	188,000	-	-	-
T491	Vulture Mountain Recreation Area Roads	Scoping Study	178,000	178,000	-	-	-
T495	Lower Buckeye Rd: 71st Ave to 67th Ave	Roadway Safety Improvement Study	150,000	150,000	-	-	-
T496	Signal Butte Rd: Apache to University	Roadway Safety Improvement Study	200,000	200,000	-	-	-
T507	Baseline Rd: 57th to 55th Ave (IGA)	Contribute to Phoenix Project	751,000	751,000	-	-	-
T508	Narramore at Waterman Wash	Drainage Improvement Study	55,000	55,000	-	-	-
T509	Dynamite 44th St to 45th St	Drainage Improvement Study	92,000	92,000	-	-	-
T512	London Rd: Peretz Circle to US 60	Drainage Improvement Study	85,000	85,000	-	-	-
T513	35th Ave: Carver Rd to Elliot Rd	Roadway Safety Improvement Study	130,000	130,000	-	-	-
T514	Alma School Rd Multi-use Path	Feasibility Study	74,000	74,000	-	-	-

# FY 2016 - 2020 Project Listing

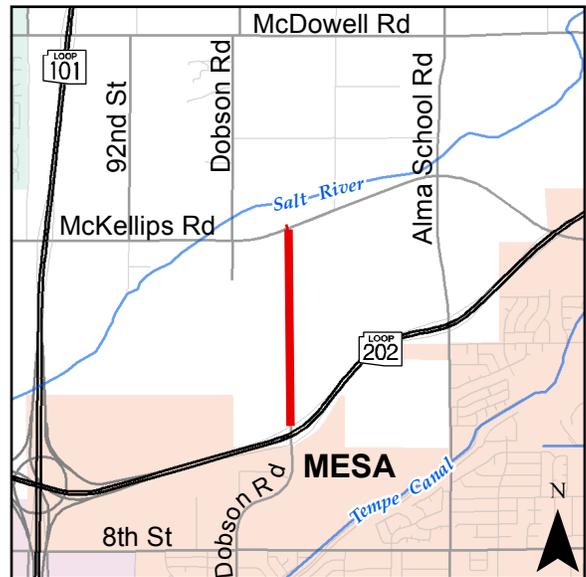
Project	Description	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
T516	154th St: Ocotillo Rd to Appleby Rd (IGA)	Contribute to Gilbert Project	155,000	155,000	-	-	-
T518	111th Ave: Olive Ave to US 60/Grand Ave	Planning Study	135,000	135,000	-	-	-
T519	Ocotillo Rd at Power Rd (IGA)	Contribute to Gilbert project	42,000	42,000	-	-	-
T520	Camelback Crossing at Beardsley Canal	Scoping Study	125,000	125,000	-	-	-
T521	80th St: Palm Ln to Plymouth	Scoping Study	70,000	70,000	-	-	-
T347	Northern Pkwy Program	Dysart Rd to 111th Ave/Auga Fria	37,805,000	6,265,000	31,540,000	-	-
T367	El Mirage: Northern to Peoria	Roadway Widening	12,835,000	2,005,000	10,830,000	-	-
T372	Northern Pkwy: Northern Ave at L101	Overpass over L101	12,639,000	1,105,000	11,534,000	-	-
T375	Riggs Rd: Hawes Rd to Ellsworth Rd	Roadway Widening	4,522,500	600,000	3,922,500	-	-
T411	Low Volume Road Program	Dirt Road Paving	7,045,000	2,070,000	4,975,000	-	-
T424	Dynamite Blvd at 52nd St	Traffic Signal Installation	553,000	120,000	433,000	-	-
T427	Northern Pkwy Program	Dysart Ave Overpass	11,425,000	899,000	10,526,000	-	-
T433	Low Volume Road Program	Dirt Road Paving	1,951,750	786,750	1,165,000	-	-
T447	Bell Rd Adaptive Signals	Drainage Improvement Study	2,743,000	411,000	2,332,000	-	-
T453	Low Volume Road Program	Dirt Road Paving	875,000	260,000	615,000	-	-
T456	Low Volume Road Program	Dirt Road Paving	1,950,000	275,000	1,675,000	-	-
T463	Union Hills Dr at 99th Ave	Intersection Improvement	3,279,000	999,000	2,280,000	-	-
T466	Last Mile Connections	Fiber Optics Installation	683,000	193,000	490,000	-	-
T467	Riggs Road Fiber	Fiber Optics Installation	1,439,680	195,000	1,244,680	-	-
T487	Yuma Rd at Jackrabbit Trail	Traffic Intersection Improvement	605,000	220,000	385,000	-	-
T490	Lower Buckeye Rd at 107th Ave	Traffic Intersection Improvement	645,000	245,000	400,000	-	-
T493	MC 85: Baseline Rd to Cotton Ln	Roadway Safety Improvement Study	980,000	530,000	450,000	-	-
T515	Low Volume Road Program	Dirt Road Paving	1,055,000	90,000	965,000	-	-
T441	Gilbert Rd: Queen Creek to Hunt Hwy (IGA)	Contribute to Chandler project	1,037,000	-	1,037,000	-	-
T442	McQueen Rd: Ocotillo to Riggs (IGA)	Contribute to Chandler project	309,000	-	309,000	-	-
T443	Ocotillo Rd: Arizona to McQueen (IGA)	Contribute to Chandler project	1,120,000	-	1,120,000	-	-
T478	Asphalt Rubber Overlay	Southeast Area Arterials	1,170,000	-	1,170,000	-	-
T248	Deer Valley: 117th Ave to 109th Ave	Roadway Improvement	25,279,000	1,700,000	8,150,000	15,429,000	-
T251	Riggs Rd: Ellsworth Rd to Meridian Rd	Roadway Project	21,455,000	2,950,000	3,000,000	15,505,000	-

# FY 2016 - 2020 Project Listing

Project	Description	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
T345	MC 85: 95th Ave to 75th Ave Safety Improvement Project	20,895,000	2,945,000	10,700,000	7,250,000	-	-
T348	Bush Hwy: Mesa City Limits North to Water Users Circle Asphalt Rubber Overlay	9,099,000	3,299,000	2,850,000	2,950,000	-	-
T406	Riggs Rd: Power Rd to Hawes Rd Roadway Widening	14,990,000	3,885,000	1,105,000	10,000,000	-	-
T429	Riggs Rd: Recker Rd to Power Rd Roadway Widening	6,061,000	2,080,000	3,367,000	614,000	-	-
T457	Low Volume Road Program Dirt Road Paving	2,050,000	305,000	80,000	1,665,000	-	-
T497	Olive Ave: Citrus Rd to Colton Ln Roadway Safety Improvement Study	18,143,000	940,000	1,450,000	4,450,000	11,303,000	-
T339	Gilbert Rd Bridge at the Salt River Roadway Improvement	25,275,000	2,050,000	-	11,625,000	11,600,000	-
T511	MC 85: 107th Ave to 95th Ave Roadway Safety Improvement Study	35,950,000	2,700,000	1,500,000	4,000,000	13,900,000	13,850,000
T342	McKellips Rd: SR 101 to Alma School Rd Scoping Study	14,000,000	320,000	-	-	-	3,400,000
T365	Traffic Calming	1,000,000	200,000	200,000	200,000	200,000	200,000
T430	Rittenshouse Bridge at QC Wash Bridge Replacement	2,635,000	310,000	80,000	260,000	1,105,000	880,000
T477	Pavement Preservation County Wide	21,430,000	-	3,630,000	5,800,000	6,000,000	6,000,000
T199	Dobson Rd Bridge over the Salt River Feasibility Study	4,100,000	-	-	-	-	4,100,000

## Dobson Road Bridge over the Salt River Feasibility Study

This study will evaluate the feasibility of constructing a new bridge over the Salt River connecting Dobson Road with McKellips Road.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	100,000	-	-	-	-	100,000
Environmental	-	-	-	-	-	-
Right-of-way	4,000,000	-	-	-	-	4,000,000
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
<b>Totals</b>	<b>4,100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,100,000</b>

BOS District/s: 1,2

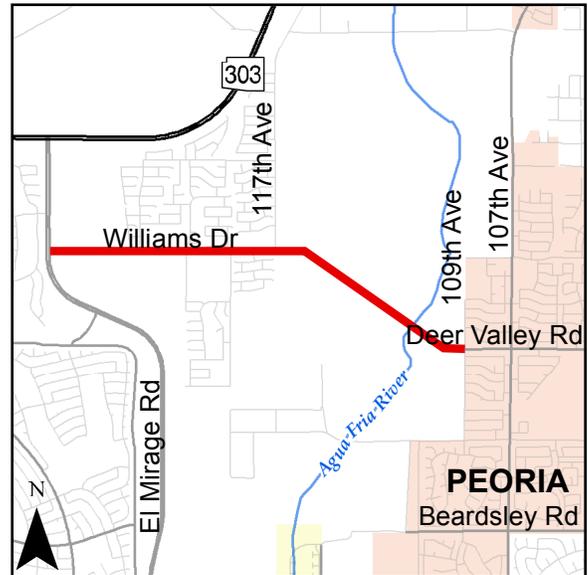
Project Manager: Ben Markert

Phone: (602) 506-8651

email: benmarkert@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 five-lane roadway.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	400,000	400,000	-	-	-	-
Environmental	500,000	500,000	-	-	-	-
Right-of-way	2,500,000	-	2,500,000	-	-	-
Utilities	800,000	800,000	-	-	-	-
Construction	20,979,000	-	5,650,000	15,329,000	-	-
<b>Totals</b>	<b>25,179,000</b>	<b>1,700,000</b>	<b>8,150,000</b>	<b>15,329,000</b>	-	-

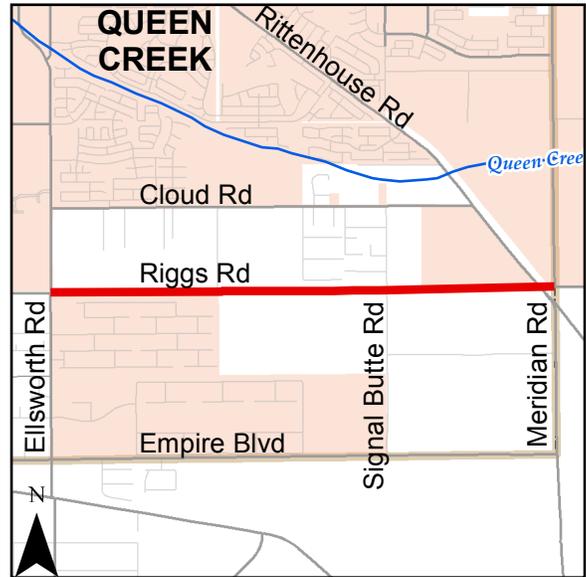
BOS District/s: 4

Federal Funding: Yes

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

## Riggs Road: Ellsworth Road to Meridian Road Roadway Project

Riggs Road is a major east-west arterial road that currently ends at Ellsworth Road. This project will construct a new segment of Riggs Road from Ellsworth Road to Meridian Road.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	850,000	850,000	-	-	-	-
Environmental	105,000	100,000	-	5,000	-	-
Right-of-way	4,000,000	2,000,000	2,000,000	-	-	-
Utilities	1,000,000	-	1,000,000	-	-	-
Construction	15,500,000	-	-	15,500,000	-	-
<b>Totals</b>	<b>21,455,000</b>	<b>2,950,000</b>	<b>3,000,000</b>	<b>15,505,000</b>	-	-

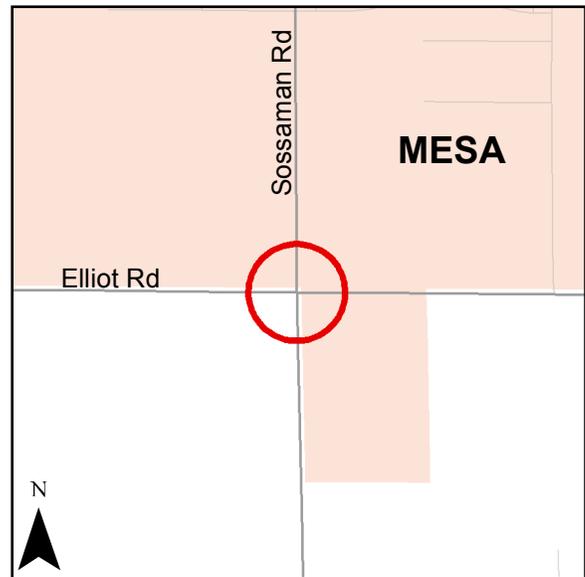
BOS District/s: 1

Federal Funding: Yes

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

## Elliot Road at Sossaman Road Intersection Improvement Project

This project will install traffic signals to increase safety, reduce congestion and improve traffic flow so the traveling public will have a safer commute.

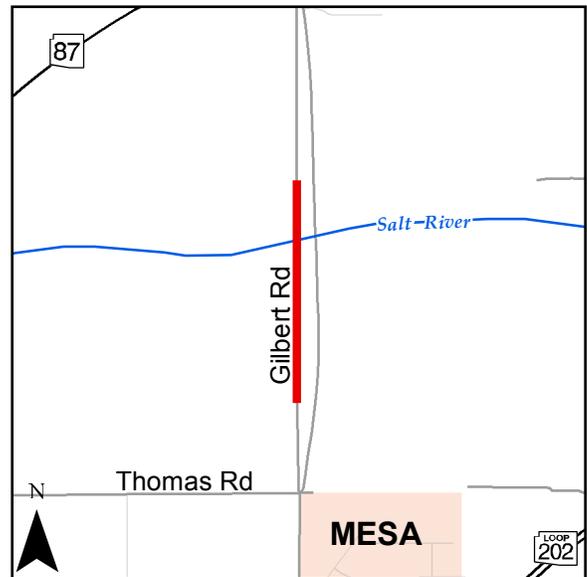


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	300,000	300,000	-	-	-	-
Construction	1,599,000	1,599,000	-	-	-	-
<b>Totals</b>	<b>1,899,000</b>	<b>1,899,000</b>	-	-	-	-

BOS District/s: 2

## Gilbert Road Bridge at the Salt River

A new four-lane bridge will replace the existing two-lane bridge with raised roadway approaches to provide an all-weather crossing.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	2,050,000	2,050,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	23,225,000	-	-	11,625,000	11,600,000	-
<b>Totals</b>	<b>25,275,000</b>	<b>2,050,000</b>	<b>-</b>	<b>11,625,000</b>	<b>11,600,000</b>	<b>-</b>

**BOS District/s:** 1

**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 Scoping Study

This scoping study will determine the type and cost of roadway improvements needed, i.e. travel lanes, turning lanes, paved shoulders, drainage and alignment improvements.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	320,000	320,000	-	-	-	-
Design	950,000	-	-	-	850,000	100,000
Environmental	-	-	-	-	-	-
Right-of-way	1,200,000	-	-	-	1,200,000	-
Utilities	750,000	-	-	-	750,000	-
Construction	10,780,000	-	-	-	7,480,000	3,300,000
<b>Totals</b>	<b>14,000,000</b>	<b>320,000</b>	<b>-</b>	<b>-</b>	<b>10,280,000</b>	<b>3,400,000</b>

**BOS District/s:** 2

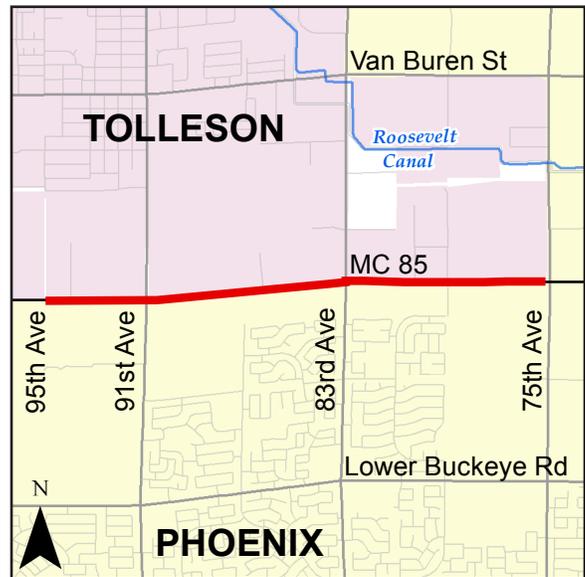
**Federal Funding:** Yes

**Intergovernmental Agreement (Cost Share) Project Partners or Partnership:**

Salt River Pima-Maricopa Indian Community (SRPMIC)

## MC 85: 95th Avenue to 75th Avenue Safety Improvement Project

This project will add additional left-turn lanes and repave the roadway between 95th Avenue to 75th Avenue.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	840,000	840,000	-	-	-	-
Environmental	55,000	5,000	50,000	-	-	-
Right-of-way	2,000,000	1,600,000	400,000	-	-	-
Utilities	3,500,000	500,000	3,000,000	-	-	-
Construction	14,500,000	-	7,250,000	7,250,000	-	-
<b>Totals</b>	<b>20,895,000</b>	<b>2,945,000</b>	<b>10,700,000</b>	<b>7,250,000</b>	<b>-</b>	<b>-</b>

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 westbound 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 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-	-	-	-
Design	825,000	825,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	6,000,000	2,000,000	4,000,000	-	-	-
Utilities	60,000	60,000	-	-	-	-
Construction	30,920,000	3,380,000	27,540,000	-	-	-
<b>Totals</b>	<b>37,805,000</b>	<b>6,265,000</b>	<b>31,540,000</b>	-	-	-

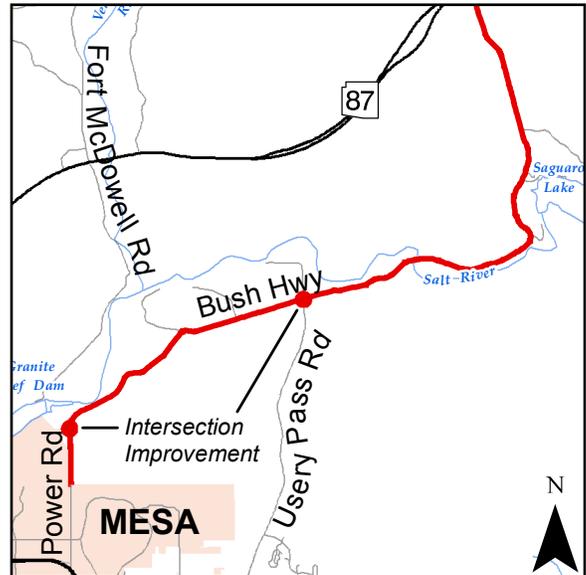
**BOS District/s:** 4

**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

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

This 15.4-mile long project will pave 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 and upgrading existing guardrails. The project is planned to be completed in phases.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	524,000	474,000	50,000	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	25,000	25,000	-	-	-	-
Construction	8,550,000	2,800,000	2,800,000	2,950,000	-	-
<b>Totals</b>	<b>9,099,000</b>	<b>3,299,000</b>	<b>2,850,000</b>	<b>2,950,000</b>	-	-

BOS District/s: 2

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

This Intelligent Transportation System (ITS) project will install fiber optic cable and wireless connections along MC 85 between Litchfield Road and 83rd Avenue to improve traffic flow.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	802,800	802,800	-	-	-	-
<b>Totals</b>	<b>802,800</b>	<b>802,800</b>	-	-	-	-

**BOS District/s:** 5  
**Federal Funding:** Yes

Project Manager: Angel Cobb

Phone: (602) 506-4263

email: angelcobb@mail.maricopa.gov

## Traffic Calming County Wide

Traffic calming devices slow traffic through neighborhoods to make it safer for residents. This project will install speed humps and other traffic calming solutions to improve safety.

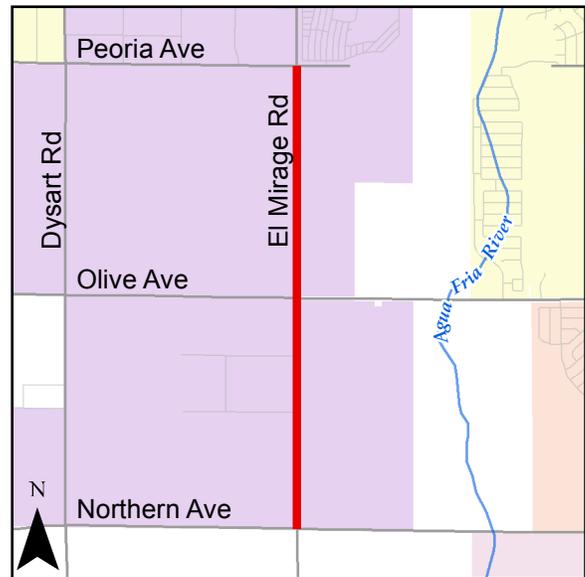


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	400,000	80,000	80,000	80,000	80,000	80,000
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	600,000	120,000	120,000	120,000	120,000	120,000
<b>Totals</b>	<b>1,000,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>

BOS District/s: All

## El Mirage Road: Northern Avenue to Peoria Avenue Roadway Widening Project

The purpose of this project is to widen El Mirage Road from Cactus Road to 1500 feet south of Peoria Avenue. This project is 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 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-	-	-	-
Design	250,000	250,000	-	-	-	-
Environmental	30,000	30,000	-	-	-	-
Right-of-way	725,000	725,000	-	-	-	-
Utilities	1,000,000	1,000,000	-	-	-	-
Construction	10,830,000	-	10,830,000	-	-	-
<b>Totals</b>	<b>12,835,000</b>	<b>2,005,000</b>	<b>10,830,000</b>	-	-	-

BOS District/s: 4

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

## 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 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-	-	-	-
Design	755,000	755,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	1,850,000	50,000	1,800,000	-	-	-
Utilities	2,300,000	300,000	2,000,000	-	-	-
Construction	7,734,000	-	7,734,000	-	-	-
<b>Totals</b>	<b>12,639,000</b>	<b>1,105,000</b>	<b>11,534,000</b>	-	-	-

**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 and drainage improvements.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-	-	-	-
Design	150,000	100,000	50,000	-	-	-
Environmental	15,000	-	15,000	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	500,000	500,000	-	-	-	-
Construction	3,857,500	-	3,857,500	-	-	-
<b>Totals</b>	<b>4,522,500</b>	<b>600,000</b>	<b>3,922,500</b>	-	-	-

BOS District/s: 1

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

## Multi-Modal Intelligent Traffic Signal System North Maricopa County

The purpose of this study is to advance signal operation, improve emergency response, increase transit efficiency and provide safer pedestrian crossings along the Daisy Mountain Drive SMARTDrive testbed corridor in Anthem, Arizona. The Anthem testing facility is a national affiliated testbed for the Connected Vehicle Program led by the U.S. Department of Transportation.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	60,000	60,000	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
<b>Totals</b>	<b>60,000</b>	<b>60,000</b>	-	-	-	-

**BOS District/s:** 3

**Federal Funding:** Yes

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

Project Manager: Randy Dunsey

Phone: (602) 506-2166

email: dunseyr@mail.maricopa.gov

## Avondale Boulevard at MC 85 Traffic Signal and Safety Improvement Project

This project will upgrade the existing traffic signal and make railroad safety improvements at this intersection.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	884,000	884,000	-	-	-	-
<b>Totals</b>	<b>884,000</b>	<b>884,000</b>	-	-	-	-

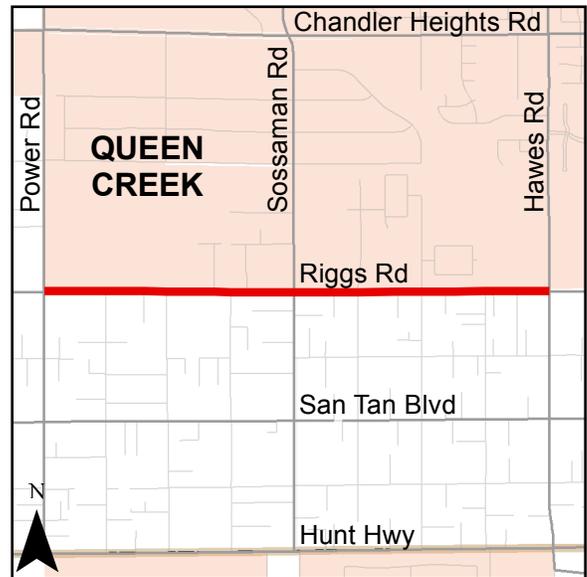
BOS District/s: 4

Federal Funding: Yes

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

## Riggs Road: Power Road to Hawes Road Roadway Widening Project

Riggs Road is a major east-west arterial road that currently ends at Ellsworth Road. This segment of Riggs Road will be expanded to have two travel lanes in each direction, a center turning lane, paved shoulders, signal improvements and drainage.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	225,000	225,000	-	-	-	-
Environmental	15,000	10,000	5,000	-	-	-
Right-of-way	2,250,000	2,250,000	-	-	-	-
Utilities	2,500,000	1,400,000	1,100,000	-	-	-
Construction	10,000,000	-	-	10,000,000	-	-
<b>Totals</b>	<b>14,990,000</b>	<b>3,885,000</b>	<b>1,105,000</b>	<b>10,000,000</b>	-	-

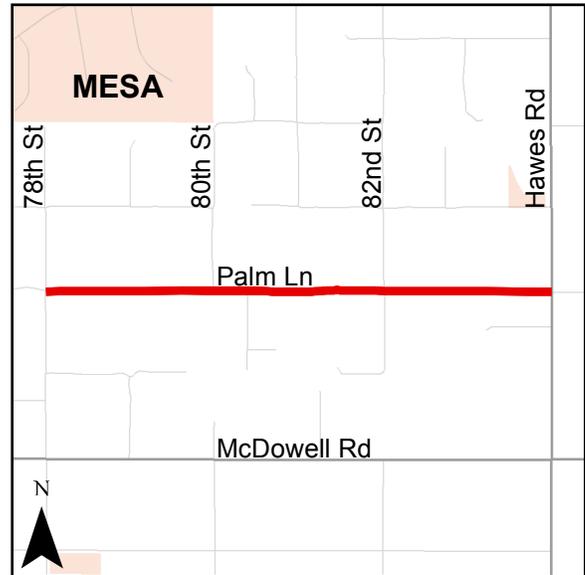
BOS District/s: 1

Federal Funding: No

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

## Palm Lane: Hawes Road to 78th Street Drainage Improvement Study

This study will evaluate storm drain capacity along McDowell Road to determine if increased capacity is needed.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		30,000	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	-	-	-	-	-	-
<b>Totals</b>	-	<b>30,000</b>	-	-	-	-

BOS District/s: 2

## Low Volume Road Program Dust Mitigation and Dirt Road Paving

The Maricopa County Department of Transportation (MCDOT) 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.

- 16th Street: La Salle Road to Tanya Road
- 20th Street: Tamar Road to La Salle Road
- La Salle Road: 16th Street to 20th Street
- Tamar Road: Beginning of Maintenance to 20th Street
- 29th Avenue: Irvine Road to Desert Hills Drive
- 37th Avenue: Shawnee Drive to Carver Road
- 59th Street: Dixileta Drive to Montgomery Road
- Appleby Road: Arizona Avenue to Consolidated Canal Service Road
- Peak View Road: 58th Street to 60th Street
- 121st Avenue: Beginning of Maintenance to Southern Avenue
- 26th Street: Old New River Road to Carlise Road

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-	-	-	-
Design	50,000	50,000	-	-	-	-
Environmental	5,000	5,000	-	-	-	-
Right-of-way	600,000	600,000	-	-	-	-
Utilities	250,000	250,000	-	-	-	-
Construction	4,550,000	4,550,000	-	-	-	-
<b>Totals</b>	<b>5,455,000</b>	<b>5,455,000</b>	-	-	-	-

BOS District/s: 1, 2, 3 & 5

## Low Volume Road Program Dust Mitigation and Dirt Road Paving

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.

- 199th Avenue: Happy Valley Road to Frontier Drive
- 205th Avenue: Bradley Road to Gordon Way
- Planada Drive: 87th Avenue to 83rd Avenue

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-	-	-	-
Design	60,000	60,000	-	-	-	-
Environmental	25,000	25,000	-	-	-	-
Right-of-way	1,200,000	1,200,000	-	-	-	-
Utilities	225,000	225,000	-	-	-	-
Construction	5,535,000	560,000	4,975,000	-	-	-
<b>Totals</b>	<b>7,045,000</b>	<b>2,070,000</b>	<b>4,975,000</b>	-	-	-

**BOS District/s:** 4  
**Federal Funding:** Yes

## Dynamite Boulevard at 52nd Street Traffic Signal Installation and Intersection Improvement Project

This project will install a traffic signal to improve safety, reduce congestion and increase traffic flow.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-	-	-	-
Design	105,000	90,000	15,000	-	-	-
Environmental	5,000	5,000	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	25,000	25,000	-	-	-	-
Construction	418,000	-	418,000	-	-	-
<b>Totals</b>	<b>553,000</b>	<b>120,000</b>	<b>433,000</b>	-	-	-

BOS District/s: 3

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

## Northern Parkway Program Dysart Overpass Project

The Dysart Overpass is one of four projects in the second phase the Northern Parkway project, 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 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	899,000	899,000	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	10,526,000	-	10,526,000	-	-	-
<b>Totals</b>	<b>11,425,000</b>	<b>899,000</b>	<b>10,526,000</b>	-	-	-

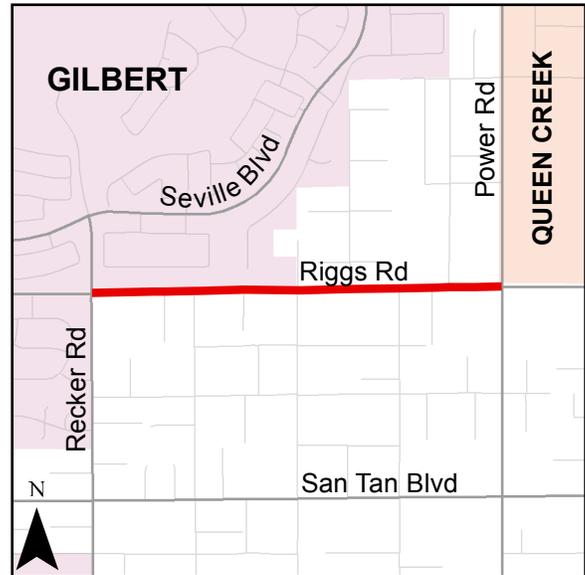
**BOS District/s:** 4

**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

## Riggs Road: Recker Road to Power Road Roadway Widening Project

Riggs Road is a major east-west arterial road that currently ends at Ellsworth Road. This project will widen Riggs Road from Recker Road to Power Road to have three travel lanes in each direction, a center turning lane, paved shoulders and drainage improvements.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	100,000	100,000	-	-	-	-
Environmental	10,000	5,000	5,000	-	-	-
Right-of-way	875,000	875,000	-	-	-	-
Utilities	1,100,000	1,100,000	-	-	-	-
Construction	3,976,000	-	3,362,000	614,000	-	-
<b>Totals</b>	<b>6,061,000</b>	<b>2,080,000</b>	<b>3,367,000</b>	<b>614,000</b>	<b>-</b>	<b>-</b>

BOS District/s: 1

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

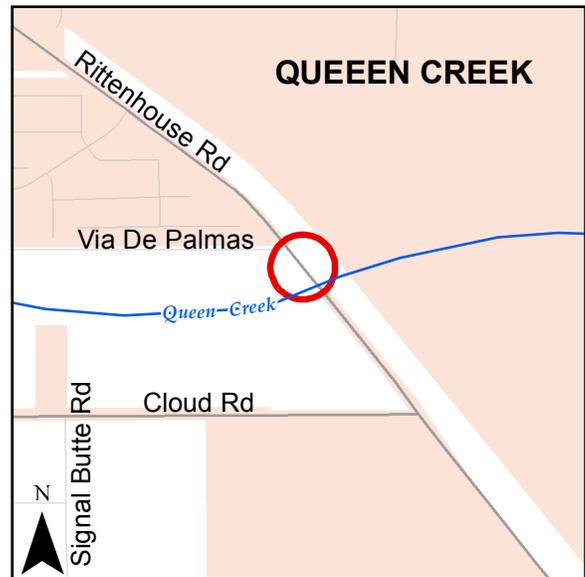
Project Manager: Bill Hahn

Phone: (602) 506-4611

email: billhahn@mail.maricopa.gov

## Rittenhouse Bridge at Queen Creek Wash Bridge Replacement and Roadway Improvement Project

This project will construct a new box culvert on Rittenhouse Road over Queen Creek Wash. It will also widen segments of Rittenhouse Road to match already widened areas of Rittenhouse Road on the north leg.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-	-	-	-
Design	60,000	60,000	-	-	-	-
Environmental	275,000	250,000	-	-	25,000	-
Right-of-way	480,000	-	80,000	200,000	200,000	-
Utilities	60,000	-	-	60,000	-	-
Construction	1,760,000	-	-	-	880,000	880,000
<b>Totals</b>	<b>2,635,000</b>	<b>310,000</b>	<b>80,000</b>	<b>260,000</b>	<b>1,105,000</b>	<b>880,000</b>

BOS District/s: 1

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

## 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 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	527,000	527,000				
<b>Totals</b>	<b>527,000</b>	<b>527,000</b>				

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

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.

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

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study		-	-			
Design	20,000	20,000	-			
Environmental	20,000	20,000	-			
Right-of-way	200,000	200,000	-			
Utilities	15,000	15,000	-			
Construction	1,696,750	531,750	1,165,000			
<b>Totals</b>	<b>1,951,750</b>	<b>786,750</b>	<b>1,165,000</b>			

**BOS District/s:** 4  
**Federal Funding:** Yes

Project Manager: Bill Hahn

Phone: (602) 506-4611

email: billhahn@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.

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-				
Design	15,000	15,000				
Environmental	5,000	5,000				
Right-of-way	-	-				
Utilities	-	-				
Construction	100,000	100,000				
<b>Totals</b>	<b>120,000</b>	<b>120,000</b>				

BOS District/s: 4

## New River Road at Linda Lane Safety Improvement Project

This project will improve sight distance for motorists and pedestrians at New River Road and Linda Lane.

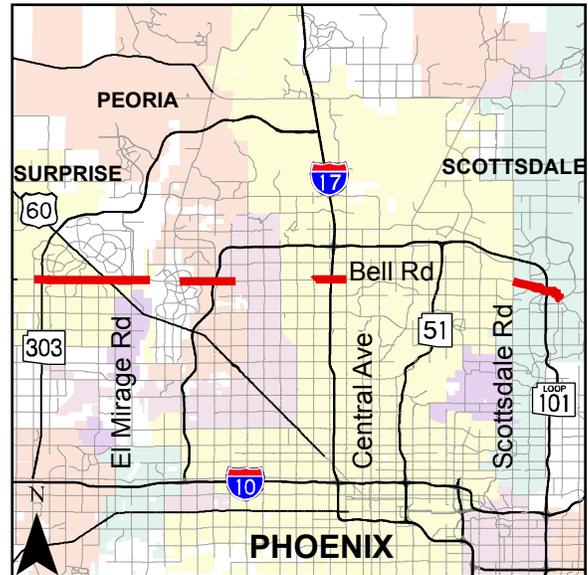


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-				
Design	-	-				
Environmental	5,000	5,000				
Right-of-way	45,000	45,000				
Utilities	-	-				
Construction	210,000	210,000				
<b>Totals</b>	<b>260,000</b>	<b>260,000</b>				

BOS District/s: 3

## Bell Road Adaptive Signals

The purpose of this project is to install a signal timing system at 52 intersections along Bell Road/ Frank Lloyd Wright Boulevard so that commuters will have a faster and safer commute. The system will adapt to the varying traffic conditions to facilitate improved traffic flow.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-			
Design	60,000	55,000	5,000			
Environmental	-	-	-			
Right-of-way	-	-	-			
Utilities	-	-	-			
Construction	2,683,000	356,000	2,327,000			
<b>Totals</b>	<b>2,743,000</b>	<b>411,000</b>	<b>2,332,000</b>			

**BOS District/s:** 4

**Federal Funding:** Yes

**Intergovernmental Agreement (Cost Share) Project Partners or Partnership:** Cities of Surprise, Glendale, Peoria, Phoenix, Scottsdale and Arizona Department of Transportation (ADOT)

Project Manager: Randy Dunsey

Phone: (602) 506-2166

email: [dunseyr@mail.maricopa.gov](mailto:dunseyr@mail.maricopa.gov)

## RH Johnson Boulevard and Meeker Boulevard Intelligent Transportation System (ITS) Project

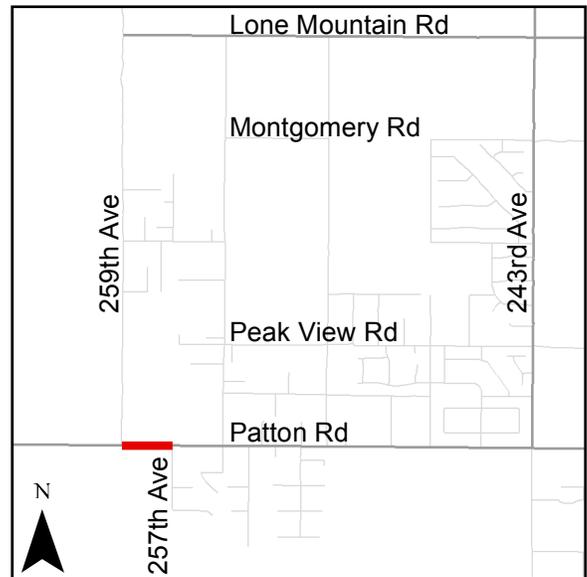
This project will install 4 1/2 miles of fiber optic cable along RH Johnson Boulevard and Meeker Boulevard in Sun City West to provide reliable communications to 14 signals.

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	578,000	578,000				
<b>Totals</b>	<b>578,000</b>	<b>578,000</b>				

BOS District/s: 4

## Patton Road west of 257th Avenue Drainage Improvement Study

This study will examine possible solutions to improve drainage.



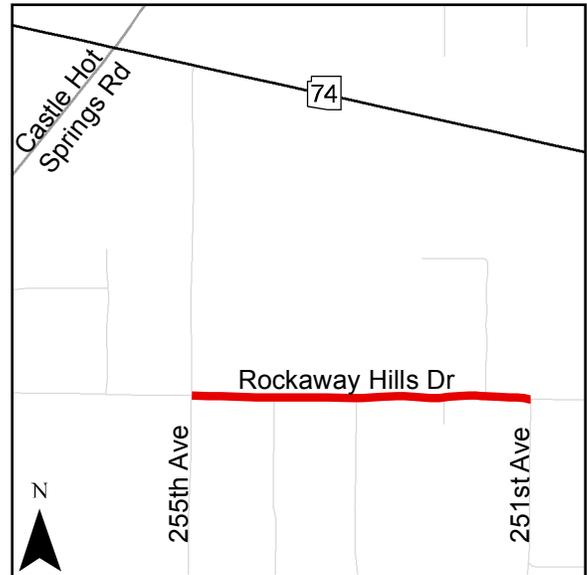
Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	110,000	110,000				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	-	-				
<b>Totals</b>	<b>110,000</b>	<b>110,000</b>				

BOS District/s: 4

## Low Volume Road Program Dust Mitigation and Dirt Road Paving

The Maricopa County Department of Transportation (MCDOT) 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.

- Rockaway Hills: 255th Avenue to 251st Avenue



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-			
Design	20,000	20,000	-			
Environmental	5,000	5,000	-			
Right-of-way	175,000	175,000	-			
Utilities	60,000	60,000	-			
Construction	615,000	-	615,000			
<b>Totals</b>	<b>875,000</b>	<b>260,000</b>	<b>615,000</b>			

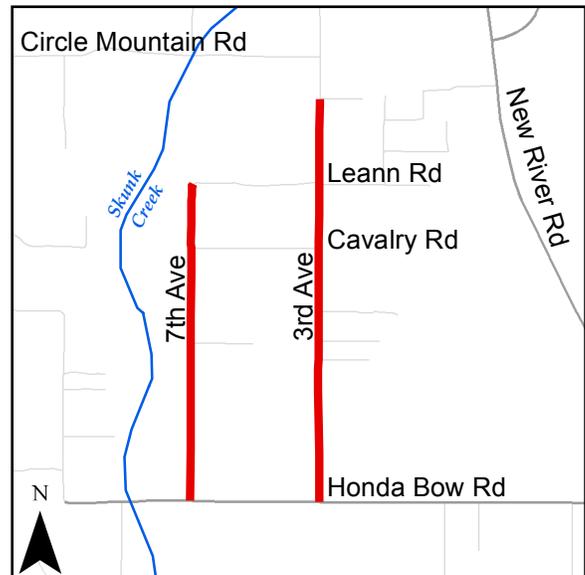
**BOS District/s:** 4  
**Federal Funding:** Yes

## Low Volume Road Program Dust Mitigation and Dirt Road Paving

The Maricopa County Department of Transportation (MCDOT) 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.

The following roadway segments will be paved:

- 3rd Avenue: Honda Bow Road to 1600’ north of Cavalry Road
- 7th Avenue: Honda Bow Road to 600’ north of Cavalry Road



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-			
Design	195,000	195,000	-			
Environmental	30,000	20,000	10,000			
Right-of-way	50,000	50,000	-			
Utilities	20,000	10,000	10,000			
Construction	1,655,000	-	1,655,000			
<b>Totals</b>	<b>1,950,000</b>	<b>275,000</b>	<b>1,675,000</b>			

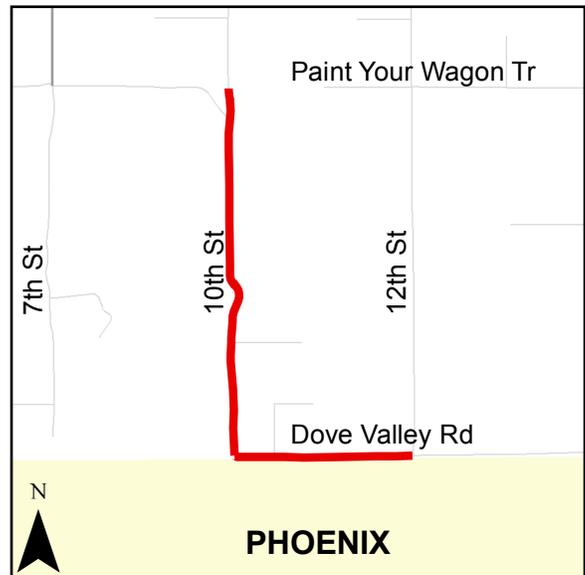
BOS District/s: 3  
Federal Funding: Yes

## Low Volume Road Program Dust Mitigation and Dirt Road Paving

The Maricopa County Department of Transportation (MCDOT) 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.

The following roadway segments will be paved:

- 10th Street: Dove Valley Road to Paint Your Wagon Trail
- Dove Valley Road: 10th Street to 12th Street



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	275,000	275,000	-	-	-	-
Environmental	40,000	30,000	-	10,000	-	-
Right-of-way	30,000	-	30,000	-	-	-
Utilities	50,000	-	50,000	-	-	-
Construction	1,655,000	-	-	1,655,000	-	-
<b>Totals</b>	<b>2,050,000</b>	<b>305,000</b>	<b>80,000</b>	<b>1,665,000</b>		

**BOS District/s:** 3  
**Federal Funding:** Yes

## Anthem Box Culverts Erosion Protection

Intense summer storms in 2012 resulted in soil erosion, also known as scour, downstream of six box culverts in the Anthem area. A review of the existing hydrology and hydraulics of the culverts indicates that improved scour protection is needed.

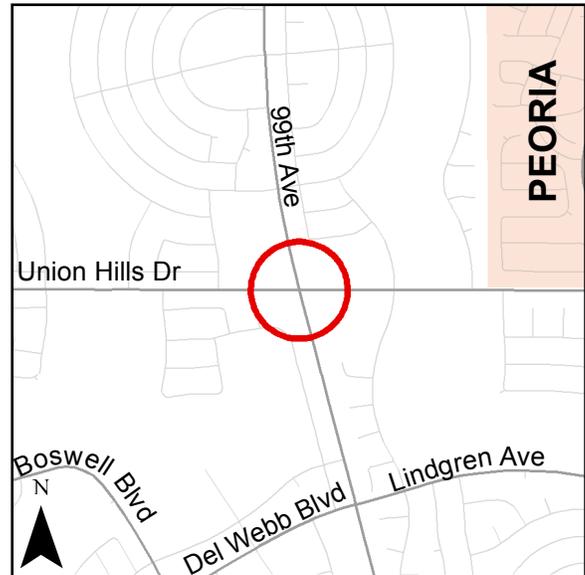


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-				
Design	10,000	10,000				
Environmental	10,000	10,000				
Right-of-way	-	-				
Utilities	-	-				
Construction	1,200,000	1,200,000				
<b>Totals</b>	<b>1,220,000</b>	<b>1,220,000</b>				

BOS District/s: 3

## Union Hills Drive at 99th Avenue Traffic Intersection Improvement Project

This project will modify the intersection by extending the culvert and changing the alignment of the left-turn lanes. In order to improve traffic flow, reduce congestion and create a safer commute for drivers.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-			
Design	10,000	10,000	-			
Environmental	10,000	10,000	-			
Right-of-way	215,000	215,000	-			
Utilities	-	-	-			
Construction	3,044,000	764,000	2,280,000			
<b>Totals</b>	<b>3,279,000</b>	<b>999,000</b>	<b>2,280,000</b>			

BOS District/s: 4

Project Manager: Randy Dunsey

Phone: (602) 506-2166

email: dunseyr@mail.maricopa.gov

## Last Mile Connections Fiber Optics Installation

This project will install fiber optic cable along Indian School Road, McDowell Road and Daisy Mountain Road. These fiber optic cables will coordinate signal timings, monitor traffic flow and adjust signals to minimize commuter delays along these corridors.

- Indian School Road: W/O SR101L to 99th Avenue
- McDowell Road: SR101L to 92nd Street
- Daisy Mountain Road: Gavilan Peak Parkway to Interstate 17

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-			
Design	95,000	95,000	-			
Environmental	53,000	53,000	-			
Right-of-way	-	-	-			
Utilities	45,000	45,000	-			
Construction	490,000	-	490,000			
<b>Totals</b>	<b>683,000</b>	<b>193,000</b>	<b>490,000</b>			

**BOS District/s:** 3, 4, 5

**Federal Funding:** Yes

**Intergovernmental Agreement (Cost Share) Project Partners or Partnership:** Arizona Department of Transportation (ADOT)

Project Manager: Randy Dunsey

Phone: (602) 506-2166

email: dunseyr@mail.maricopa.gov

## Riggs Road Fiber Fiber Optics Installation

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.

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

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-			
Design	65,000	65,000	-			
Environmental	40,000	40,000	-			
Right-of-way	-	-	-			
Utilities	90,000	90,000	-			
Construction	1,244,680	-	1,244,680			
<b>Totals</b>	<b>1,439,680</b>	<b>195,000</b>	<b>1,244,680</b>			

**BOS District/s:** 1  
**Federal Funding:** Yes

## Local Road Rehabilitation County Wide

This project will pave local roads in the following subdivisions determined by the MCDOT Pavement Management System.

- Anderson Manor
- Apache Sands
- Apache Sands Two
- Apache Trails
- Arizona Skies Mobile Estates East Unit 1,2
- Arizona Skies Mobile Estates West Unit 1,2
- Brooks Farms
- Cherokee Mobile Estates Unit 1, 2, 3
- Church Farm Acres
- Country Mini-Farms Unit 2
- Curtis Park
- Desert Air, Desert Air Grande
- Desert Air No. 2, 3, 4-A, 4-B, 4-C
- Desert Saguaro Estates Units 1,2
- Desert Village #2 (Amended)
- Frank Estates
- Gila Butte Estates
- Glenmar Plat 1 (Amended), Plat 2
- Happy Trails East
- Mary Francis Estates Replat
- Mesquite Trails Amended
- Oasis Park
- Perry Estates
- Princeton Park
- Saguaro Vista
- Shawnee Villa
- Siesta Valley Estates
- Sun Down Addition
- Sun Terra Acres Unit 1
- Sunrise Heights
- Sunset Cove
- Superstition Village

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	7,910,000	7,910,000				
<b>Totals</b>	<b>7,910,000</b>	<b>7,910,000</b>				

BOS District/s: 1, 2 and 5

Project Manager: Leon Adair Phone: (602) 506-4684

email: leonadair@mail.maricopa.gov

## Asphalt Rubber Overlay Northwest Area Arterials

This project will improve various arterial roads identified by the MCDOT Pavement Management System.

- 99th Avenue: Glendale Avenue to Northern Avenue
- Patton Road: 251st Avenue to 243rd Avenue
- Patton Road: 243rd Avenue to 240th Drive
- Patton Road: 240th Drive to Mile Post 8
- Patton Road: Mile Post 8 to 227th Avenue
- Patton Road: 227th Avenue to Crozier Road
- Patton Road: Crozier Road to 211th Avenue
- Patton Road: 211th Avenue to 207th Avenue
- Patton Road: 207th Avenue to 203rd Avenue
- Patton Road: 203rd Avenue to 195th Avenue

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	1,463,000	1,463,000				
<b>Totals</b>	<b>1,463,000</b>	<b>1,463,000</b>				

BOS District/s: 4

Project Manager: Leon Adair Phone: (602) 506-4684

email: leonadair@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.

- Alma School Road: Riggs Road to Chandler Heights Road
- Alma School Road: McLellan Road to McKellips Road
- Alma School Road: McKellips Road to McDowell Road
- Chandler Heights Road: 122nd Street to Cooper Road
- Chandler Heights Road: Cooper Road to Lindl Drive
- Chandler Heights Road: Lindsay Road to 150th Street
- Chandler Heights Road: Recker Road to 182nd Street

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	2,071,740	2,071,740				
<b>Totals</b>	<b>2,071,740</b>	<b>2,071,740</b>				

BOS District/s: 1 & 2

Project Manager: Leon Adair Phone: (602) 506-4684

email: leonadair@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.

- Avondale Boulevard: Broadway Road to Lower Buckeye Road
- Jackrabbit Trail: Van Buren Street to Roosevelt Street
- Jackrabbit Trail: I-10 to McDowell Road
- Miller Road: Monroe Avenue to Buckeye Canal Service Road
- Miller Road: Buckeye Canal Service Road to Baseline Road
- Van Buren Street: Avondale Boulevard to 111th Avenue

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	608,000	608,000				
<b>Totals</b>	<b>608,000</b>	<b>608,000</b>				

BOS District/s: 5

Project Manager: Leon Adair

Phone: (602) 506-4684

email: leonadair@mail.maricopa.gov

## Pavement Preservation Project County Wide

This project will improve various arterial and local roads throughout the County as identified by the MCDOT Pavement Management System.

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	-	-	-	-	-	-
Environmental	-	-	-	-	-	-
Right-of-way	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Construction	21,430,000	-	3,630,000	5,800,000	6,000,000	6,000,000
<b>Totals</b>	<b>21,430,000</b>	<b>-</b>	<b>3,630,000</b>	<b>5,800,000</b>	<b>6,000,000</b>	<b>6,000,000</b>

BOS District/s: All

Project Manager: Leon Adair Phone: (602) 506-4684

email: leonadair@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.

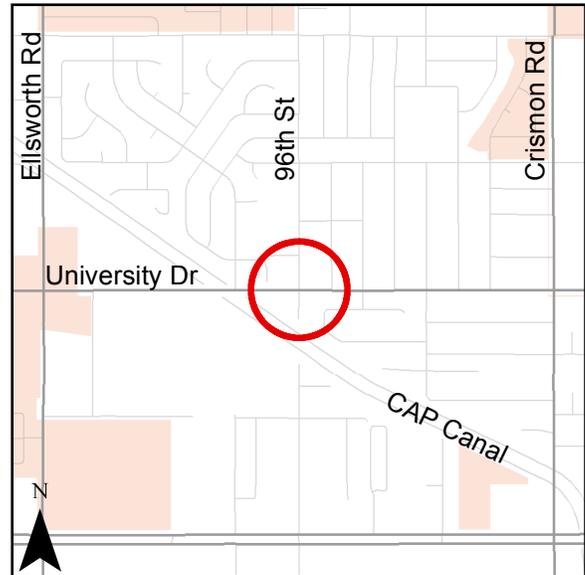
- 67th Avenue: Baseline Road to Southern Avenue
- 91st Avenue: Roeser Road (Alignment) to Roeser Road (Alignment)
- Broadway Road: 91st Avenue to 83rd Avenue
- Dobbins Road: 51st Avenue to 43rd Avenue
- Dobbins Road: 40th Drive to 35th Glen
- Southern Avenue: 67th Avenue to 59th Avenue

Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-			
Design	-	-	-			
Environmental	-	-	-			
Right-of-way	-	-	-			
Utilities	-	-	-			
Construction	1,170,000	-	1,170,000			
<b>Totals</b>	<b>1,170,000</b>	<b>-</b>	<b>1,170,000</b>			

BOS District/s: 1 & 2

## University Drive at 96th Street Traffic Intersection Improvement Project

This project will install a traffic signal and Americans with Disabilities Act (ADA) compliant ramps to improve safety, reduce congestion and regulate traffic flow.

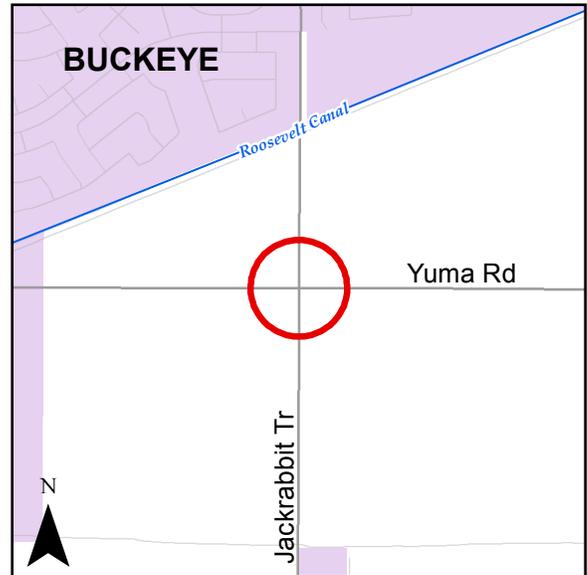


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	445,000	445,000				
<b>Totals</b>	<b>445,000</b>	<b>445,000</b>				

BOS District/s: 2

## Yuma Road at Jackrabbit Trail Traffic Intersection Improvement Project

This project will install a traffic signal and left-turn lanes to reduce congestion and improve traffic flow.

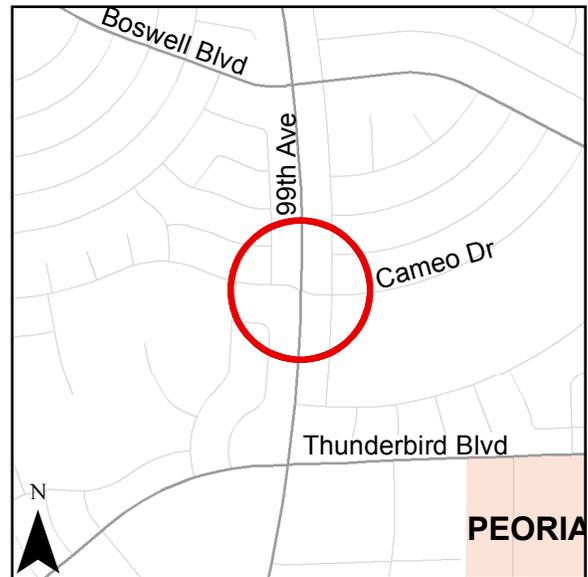


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	45,000	45,000	-			
Design	95,000	95,000	-			
Environmental	5,000	5,000	-			
Right-of-way	-	-	-			
Utilities	75,000	75,000	-			
Construction	385,000	-	385,000			
<b>Totals</b>	<b>605,000</b>	<b>220,000</b>	<b>385,000</b>			

BOS District/s: 4

## 99th Avenue at Cameo Drive Traffic Intersection Improvement Project

This project will install new signage on 99th Avenue and Cameo Drive. This includes beacons on stop signs and warning signs to alert motorists of potential cross traffic to increase traffic awareness.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-				
Design	40,000	40,000				
Environmental	2,000	2,000				
Right-of-way	-	-				
Utilities	15,000	15,000				
Construction	131,000	131,000				
<b>Totals</b>	<b>188,000</b>	<b>188,000</b>				

BOS District/s: 4

## Lower Buckeye Road at 107th Avenue Traffic Intersection Improvement Project

This project will install a traffic signal and Americans with Disabilities Act (ADA) ramps to improve traffic flow and reduce congestion.

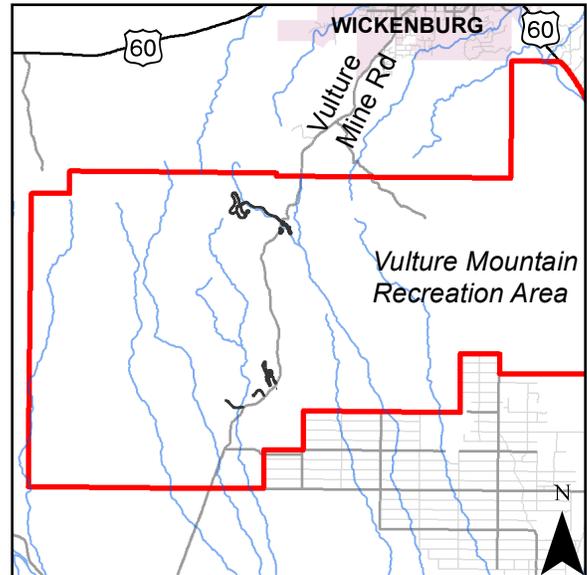


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	65,000	65,000	-			
Design	95,000	95,000	-			
Environmental	5,000	5,000	-			
Right-of-way	20,000	20,000	-			
Utilities	60,000	60,000	-			
Construction	400,000	-	400,000			
<b>Totals</b>	<b>645,000</b>	<b>245,000</b>	<b>400,000</b>			

BOS District/s: 1 & 2

## Vulture Mountain Recreation Area Roads Scoping Study

This study will prepare preliminary engineering design and cost to pave park roads in the newly designated Vulture Mountain Recreation Area. The Vulture Mountain Recreation Area is a 70,378 acre area cooperatively managed by the County and the Bureau of Land Management (BLM). A Master Plan has been developed which has phased development of recreational facilities including campground and day use area plus an off-highway vehicle staging area.

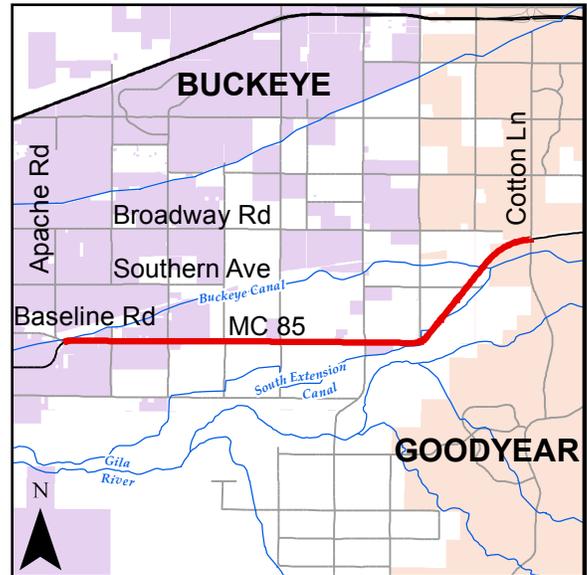


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	178,000	178,000				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	-	-				
<b>Totals</b>	<b>178,000</b>	<b>178,000</b>				

BOS District/s: 4

## MC 85: Baseline Road to Cotton Lane Roadway Safety Improvement Study

This study evaluates MC 85 from Baseline Road to Cotton Lane for potential safety improvements to reduce congestion and increase traffic flow. Recommendations include adding turn lanes at major intersections, guardrail installation, pavement marking signs and minor roadway widening for passing lanes.

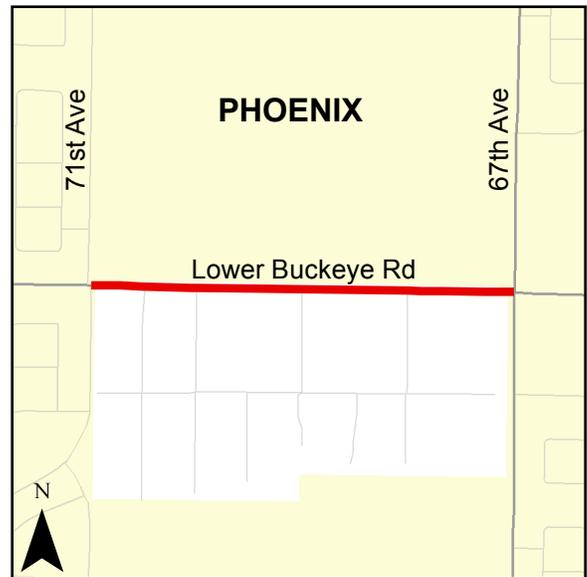


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	230,000	230,000	-			
Design	195,000	95,000	100,000			
Environmental	-	-	-			
Right-of-way	-	-	-			
Utilities	-	-	-			
Construction	555,000	205,000	350,000			
<b>Totals</b>	<b>980,000</b>	<b>530,000</b>	<b>450,000</b>			

BOS District/s: 4

## Lower Buckeye Road: 71st Avenue to 67th Avenue Roadway Safety Improvement Study

This scoping study will determine the type and cost of roadway improvements needed to create consistency in the number of lanes.

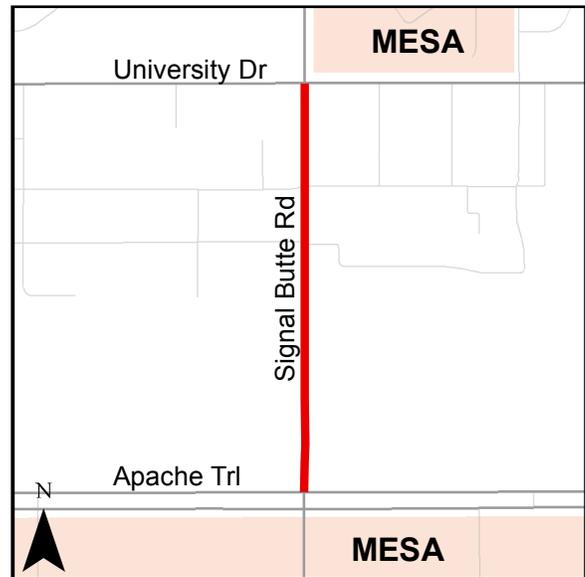


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	150,000	150,000				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	-	-				
<b>Totals</b>	<b>150,000</b>	<b>150,000</b>				

BOS District/s: 5

## Signal Butte Road: Apache Boulevard to University Drive Roadway Safety Improvement Study

This scoping study will determine the type and cost of roadway improvements needed, such as, travel lanes, turning lanes, paved shoulders, drainage improvements and alignment improvements to improve traffic safety.

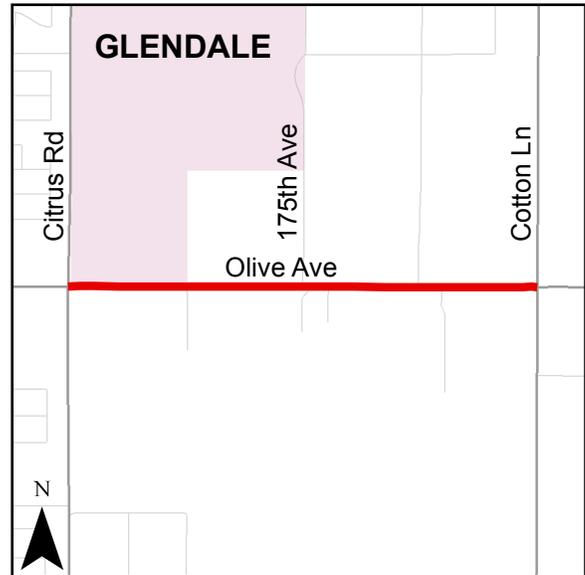


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	200,000	200,000				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	-	-				
<b>Totals</b>	<b>200,000</b>	<b>200,000</b>				

BOS District/s: 2

## Olive Avenue: Citrus Road to Cotton Lane Roadway Safety Improvement Study

This project will widen Olive Avenue from the current two lanes to four lanes with a center left-turn lane. Traffic signals will be installed at Citrus Road and at Cotton Lane and a railroad crossing will be removed to decrease congestion and increase traffic flow.

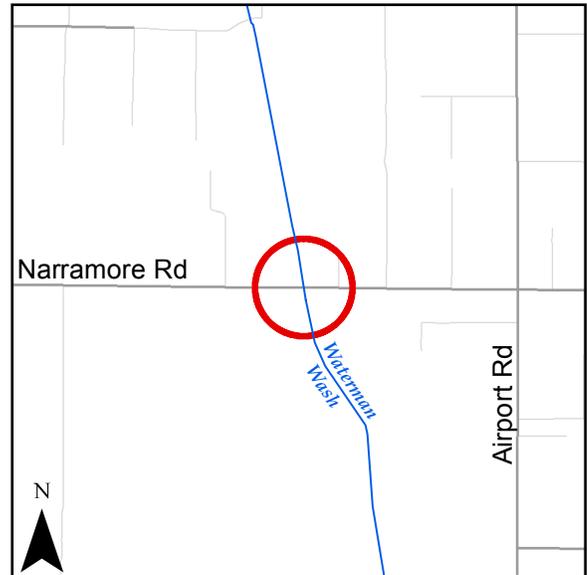


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	930,000	830,000	50,000	50,000	-	-
Environmental	45,000	45,000	-	-	-	-
Right-of-way	1,465,000	65,000	1,400,000	-	-	-
Utilities	4,400,000	-	-	4,400,000	-	-
Construction	11,303,000	-	-	-	11,303,000	-
<b>Totals</b>	<b>18,143,000</b>	<b>940,000</b>	<b>1,450,000</b>	<b>4,450,000</b>	<b>11,303,000</b>	<b>-</b>

BOS District/s: 4

## Narramore Road at Waterman Wash Drainage Improvement Study

This study will examine possible options to construct an all-weather crossing on Narramore Road at the Waterman Wash.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	30,000	30,000				
Design	-	-				
Environmental	-	-				
Right-of-way	10,000	10,000				
Utilities	15,000	15,000				
Construction	-	-				
<b>Totals</b>	<b>55,000</b>	<b>55,000</b>				

BOS District/s: 5

## Dynamite Boulevard: 44th Street to 45th Street Drainage Improvement Study

This study will determine the feasibility of constructing drainage enhancements along Dynamite Road to reduce silt build-up in the box culvert and an adjacent channel.

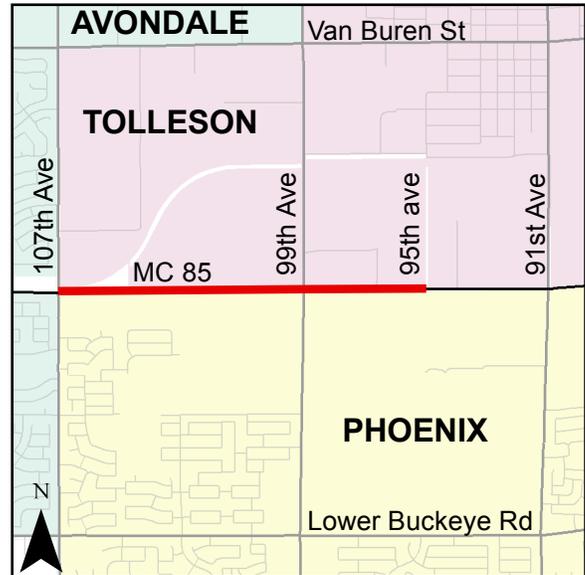


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	85,000	85,000				
Design	-	-				
Environmental	5,000	5,000				
Right-of-way	-	-				
Utilities	2,000	2,000				
Construction	-	-				
<b>Totals</b>	<b>92,000</b>	<b>92,000</b>				

BOS District/s: 3

## MC 85: 107th Avenue to 95th Avenue Roadway Improvement Project

This project will repave MC 85 from 107th Avenue to 95th Avenue and add a center left-turn lane to reduce congestion and improve safety.



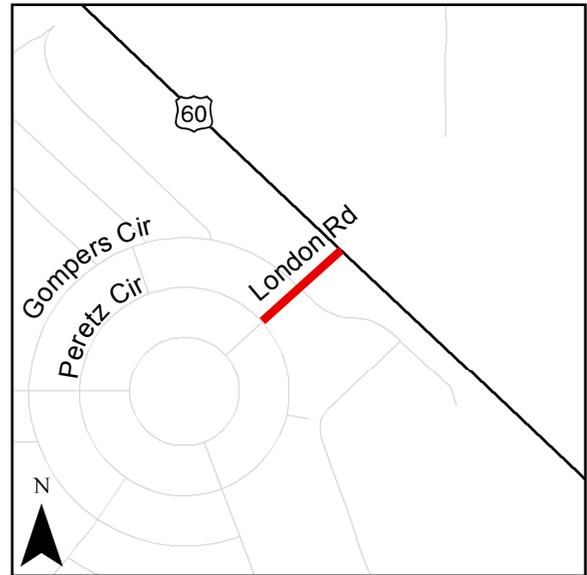
Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-	-	-	-
Design	700,000	700,000	-	-	-	-
Environmental	50,000	-	-	-	50,000	-
Right-of-way	3,500,000	2,000,000	1,500,000	-	-	-
Utilities	4,000,000	-	-	4,000,000	-	-
Construction	27,700,000	-	-	-	13,850,000	13,850,000
<b>Totals</b>	<b>35,950,000</b>	<b>2,700,000</b>	<b>1,500,000</b>	<b>4,000,000</b>	<b>13,900,000</b>	<b>13,850,000</b>

BOS District/s: 5

Intergovernmental Agreement (Cost Share) Project Partners or Partnership: Cities of Phoenix, Tolleson and Avondale

## London Road: Peretz Circle to US 60 Drainage Improvement Study

This study will determine options for improving drainage along London Road in order to reduce the potential for flooding.

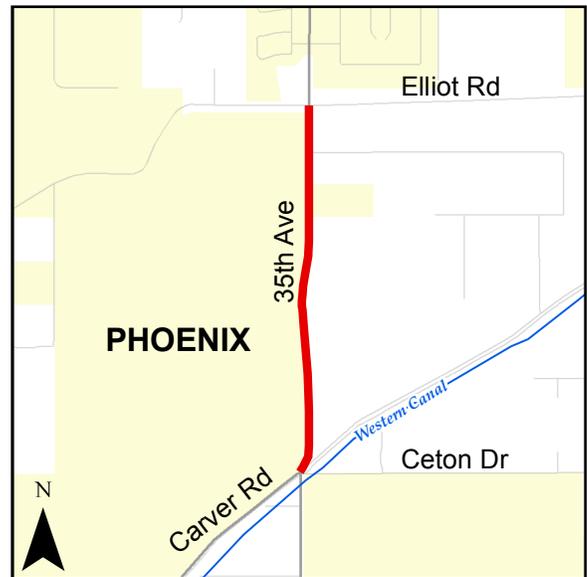


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	85,000	85,000				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	-	-				
<b>Totals</b>	<b>85,000</b>	<b>85,000</b>				

BOS District/s: 1 & 2

## 35th Avenue: Carver Road to Elliot Road Roadway Safety Improvement Study

This study will evaluate options to increase sight distance in order to improve traffic safety.

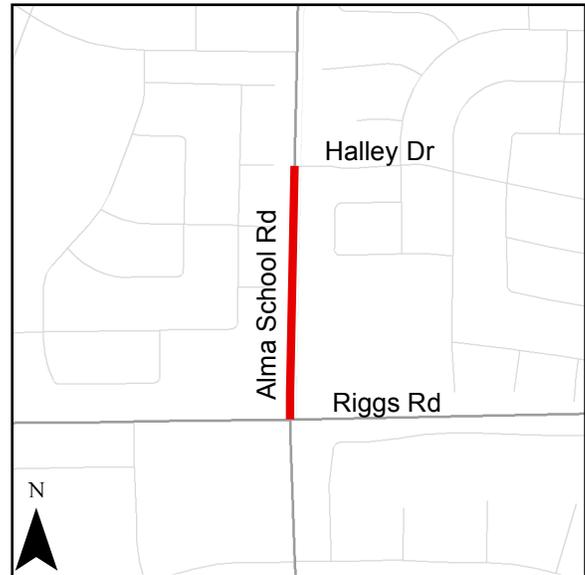


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	100,000	100,000				
Design	-	-				
Environmental	10,000	10,000				
Right-of-way	5,000	5,000				
Utilities	15,000	15,000				
Construction	-	-				
<b>Totals</b>	<b>130,000</b>	<b>130,000</b>				

BOS District/s: 5

## Alma School Road Multi-use Path Feasibility Study

This study will evaluate the feasibility of constructing a multi-use path on Alma School Road from Riggs Road to Halley Road.



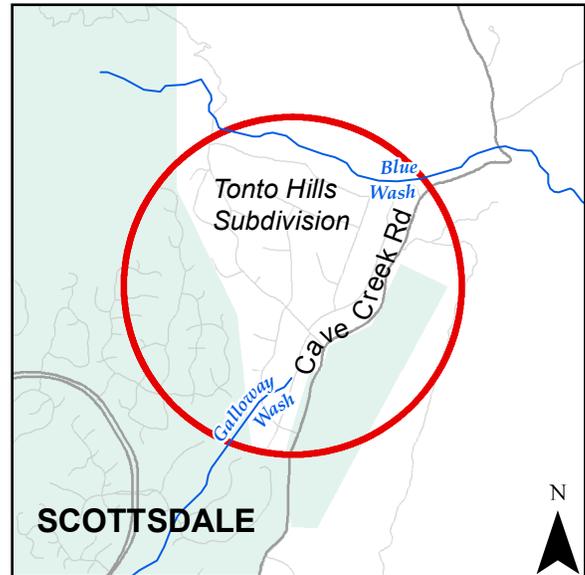
Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	74,000	74,000				
Design	-	-				
Environmental	-	-				
Right-of-way	-	-				
Utilities	-	-				
Construction	-	-				
<b>Totals</b>	<b>74,000</b>	<b>74,000</b>				

BOS District/s: 1

## Low Volume Road Program Dust Mitigation and Dirt Road Paving: Tonto Hills Area

The Maricopa County Department of Transportation (MCDOT) 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.

- Deer Trail Road: Old Mine Road to Cave Creek Road
- Cotton Trail Road
- Kendra Lane



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	-	-	-			
Design	70,000	40,000	30,000			
Environmental	50,000	50,000	-			
Right-of-way	30,000	-	30,000			
Utilities	25,000	-	25,000			
Construction	880,000	-	880,000			
<b>Totals</b>	<b>1,055,000</b>	<b>90,000</b>	<b>965,000</b>			

BOS District/s: 2

## 111th Avenue: Olive Avenue to US 60/Grand Avenue Planning Study

This study will provide corridor design options that will accommodate multiple modes of travel (auto, bike, pedestrian) and enhance safety for all modes. The study area encompasses 111th Avenue between Olive Avenue and Grand Avenue for an area totaling approximately 2.74 miles in length. This study will be conducted in coordination with the town of Youngtown, Arizona Department of Transportation (ADOT), Maricopa Associated Governments, and other agencies and developers as needed.

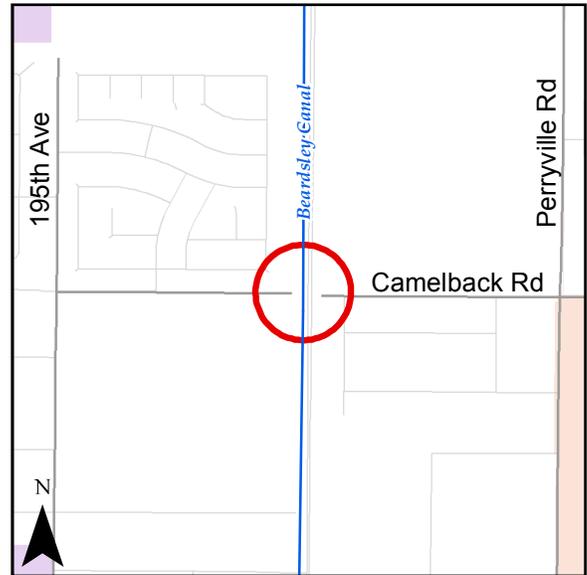


Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	120,000	120,000				
Design	-	-				
Environmental	-	-				
Right-of-way	15,000	15,000				
Utilities	-	-				
Construction	-	-				
<b>Totals</b>	<b>135,000</b>	<b>135,000</b>				

BOS District/s: 4

## Camelback Road Crossing Beardsley Canal Scoping Study

This project will study the feasibility of constructing a crossing over the Beardsley Canal in order to provide connectivity along Camelback Road.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	100,000	100,000				
Design	20,000	20,000				
Environmental	-	-				
Right-of-way	5,000	5,000				
Utilities	-	-				
Construction	-	-				
<b>Totals</b>	<b>125,000</b>	<b>125,000</b>				

BOS District/s: 4

## 80th Street: Palm Lane to Plymouth Scoping Study

This study will examine feasible options to mitigate dust.



Activity	FY 2016-2020	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Scoping Study	70,000	70,000				
Design						
Environmental						
Right-of-way						
Utilities						
Construction						
<b>Totals</b>	<b>70,000</b>	<b>70,000</b>				

BOS District/s: 2

# Intergovernmental Agreements (IGA)

The County will be financially contributing to the following projects.

**T441 - Gilbert Road: Queen Creek Road to Hunt Highway (Roadway Improvement Project)**

Lead Agency: The City of Chandler. Improvements include widening to six lanes, adding bike lanes, curb/gutter, sidewalks, street lighting, new traffic signals and landscaping.

**FY 17: \$1,037,000**

**T442 - McQueen Road: Riggs Road to Ocotillo Road (Roadway Improvement Project)**

Lead Agency: The City of Chandler. Improvements include widening to city standards, adding bike lanes, curb/gutter, sidewalks, street lighting, new traffic signals and landscaping.

**FY 17: \$309,000**

**T443 - Ocotillo Road: Arizona Avenue to McQueen Road (Roadway Improvement Project)**

Lead Agency: The City of Chandler. Improvements include widening to city standards, adding bike lanes, curb/gutter, sidewalks, street lighting, new traffic signals and landscaping.

**FY 17: \$1,120,000**

**T483 - 35th Avenue: Baseline Road to Southern Avenue (Roadway Improvement Project)**

Lead Agency: City of Phoenix. Improvements include widening 35th Avenue to four lanes with bike lanes, sidewalks, curb and gutter, and street lighting. **FY 17: \$1,070,000**

**T507 - Baseline Road: 57th Avenue to 55th Avenue (Roadway Improvement Project)**

Lead Agency: The City of Phoenix. Improvements include paving with a raised median, bike lanes, curb and gutter, sidewalks, bus bay, street lighting, new storm drains and a new traffic signal. **FY 17: \$751,000**

**T516 - 154th Street: Ocotillo Road to Appleby Road (Dirt Road Paving)**

Lead Agency: Town of Gilbert. **FY 17: \$155,000**

**T517 - Val Vista Drive: Riggs Road to Appleby Road (Roadway Improvement Project)**

The County will assist the Town of Gilbert in acquiring right-of-way and related easements within County's jurisdiction for the Town of Gilbert's project on Val Vista Drive from Riggs Road to Appleby Road.

**T519 - Ocotillo Road at Power Road (Traffic Signal Installation)**

Lead Agencies: The Towns of Queen Creek and Gilbert. **FY 17: \$42,000**



**Maricopa County**  
Department of Transportation