

March 2, 2016

TO: Members of the MAG Street Committee

FROM: Chris Hauser, El Mirage, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

**Tuesday, March 8, 2016 - 1:00 p.m.**  
MAG Office, Suite 200, Ironwood Room  
302 North First Avenue, Phoenix

The next meeting of the MAG Street Committee will be held at the time and place noted above. Committee members or their proxies may attend in person, via video-conference or by telephone conference call. Those attending by video conference must notify the MAG site three business days prior to the meeting. Those attending by telephone conference please contact MAG offices for conference call instructions. Please call in prior to the time noted above.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

The next meeting of the MAG Street Committee will be held at the time and place noted above. If you have any questions or need additional information, please contact Teri Kennedy or Steve Tate at (602) 254-6300.

TENTATIVE AGENDA

	<u>COMMITTEE ACTION REQUESTED</u>
<p>1. <u>Call to Order</u></p> <p>For the March meeting, the quorum requirement is 13 members.</p>	
<p>2. <u>Introductions and Attendance</u></p> <p>An opportunity for new members to introduce themselves and record member attendance at the meeting will be provided.</p>	2. For information.
<p>3. <u>Approval of the February 9, 2016 Meeting Minutes</u></p>	3. Review and approve the minutes from the February 9, 2016 meeting.
<p>4. <u>Call to the Audience</u></p> <p>An opportunity will be provided to members of the public to address the Street Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Members of the public will be requested not to exceed a three minute time period for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless the Street Committee requests an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity at the time the item is heard.</p>	4. For information.
<p>5. <u>Transportation Programming Manager's Report</u></p> <p>The MAG Transportation Programming Manager will review recent transportation planning activities and upcoming agenda items for MAG Committees and other related regional transportation activities.</p>	5. For information and discussion.
<p>6. <u>Draft FY 2017 - FY 2021 TIP Listings</u></p> <p>At the meeting draft listings for the new FY 2017 - FY 2021 MAG TIP will be distributed for member agency review and comment (Please see Attachment 1).</p>	6. For information and discussion, and possible recommendation.

7. System Level Operating and Maintenance Costs and Revenue Sources for the draft FY 2017-FY 2021 MAG Transportation Improvement Program (TIP) and Update of the Regional Transportation Plan (RTP)

The Code of Federal Regulations require that each TIP have a financial plan that addresses system level operating and maintenance costs and revenue sources that can be reasonable expected to cover these costs. To develop cost and revenue estimates for the draft TIP, a survey that was used to develop the current TIP has been updated to be distributed to member agencies (Please see Attachment 2).

Also, the RTP includes a table summarizing member agency pavement management systems. For the update of the RTP, MAG will need to update this table (Please see Attachment 3).

At the meeting, member agencies will be briefed on the survey and pavement management system table, and comments and suggestions for improving both will be sought.

8. Presentation on Bell Road ant Grand Avenue Traffic Interchange Project

At the meeting a representative from the Arizona Department of Transportation will give a presentation on the Bell Road at Grand Avenue traffic interchange project.

9. Request for Future Agenda Items

Topics or issues of interest that the Street Committee would like to have considered for discussion at a future meeting will be requested.

10. Member Agency Update

This section of the Agenda will provide Committee members with an opportunity to share information regarding a variety of transportation-related issues within their respective communities.

7. For information and discussion.

8. For information and discussion.

9. For information and discussion.

10. For information and discussion.

11. Next Meeting Date

The next regular Street Committee meeting will be scheduled for Tuesday, April 12, 2016 at 1:00 p.m. in the MAG Offices, Ironwood Room.

Adjournment

11. For information.

MINUTES OF THE  
MARICOPA ASSOCIATION OF GOVERNMENTS  
STREET COMMITTEE

Tuesday, February 8, 2016 10:00 a.m.  
MAG Offices, Suite 300,  
302 North First Avenue, Phoenix, Arizona 85003

MEMBERS ATTENDING

Chris Hauser, El Mirage, Vice Chair	Robert Woodring, Maricopa County
Eric Boyles for Susan Anderson, ADOT	Mike Gillespie, Litchfield Park
Emile Schmid, Apache Junction	* James Shano, Paradise Valley
David Janover, Avondale	Jenny Grote, Phoenix
* Jose Heredia, Buckeye	John Kraft for Scott Bender, Pinal County
Kevin Lair, Chandler	Ben Wilson, Peoria
@Ed Stillings for Aryan Lirange, FHWA	* Janet Martin, Queen Creek
* Wayne Costa, Florence	Jennifer Jack, Salt River Pima-Maricopa Indian Community
Gregory McDowell for Tim Oliver, Gila River Indian Community	Andrew Merkley for Phil Kercher, Scottsdale
Ken Morgan, Gilbert	Dana Owsiany, Surprise
Patrick Sage, Glendale	German Piedrahita, Tempe
* Hugh Bigalk, Goodyear	# Jamie McCracken, Tolleson
* Bill Fay, City of Maricopa	# Grant Anderson, Youngtown
Maria Angelica Deeb, Mesa	

\* Members neither present nor represented by Proxy

# Members attending by phone

@Ex-officio member, non voting member

OTHERS PRESENT

Warren White, Chandler  
Teri Kennedy, MAG

David Massey, MAG  
Stephen Tate, MAG

1. Call to Order

Chair Chris Hauser called the meeting to order at 1:01 p.m.

2. Introductions and Attendance

A roll call of members attending the meeting was conducted. The following member agencies were not represented at the meeting: Buckeye, Florence, Goodyear, City of Maricopa, Paradise Valley and Queen Creek.

3. Approval of the January 12, 2016 Meeting Minutes

The Chair informed the Committee that revised minutes of the January 12, 2016 meeting were on the table before them and asked that members take a few minutes to review them.

Ms. Maria Angelica Deeb moved approval of the revised minutes. Mr. Kevin Lair seconded the motion. The motion carried unanimously.

4. Call to the Audience

No members of the audience requested to speak before the Committee.

5. Transportation Programming Manager's Report

Ms. Kennedy briefed the Committee. She noted that ADOT had released a call for safety projects and that applications are available on the MAG website. The Safety Committee will address applications at their meeting on April 26, 2016.

ADOT is also holding a workshop on the 5311 rural transit. More information may be obtained on the ADOT website.

6. Arterial Life Cycle Program Project Changes Technical Review: Southern Avenue at Higley Road

Mr. John Bullen provided a brief introduction. He noted that the Arterial Life-Cycle (ALCP) program is the financial mechanism established by the Regional Transportation Plan (RTP) to manage arterial projects identified in the Plan. MAG policies require Street Committee review for proposed ALCP project changes that affect either the scope of the project or substitute a new project for the original project.

The change requests before the Committee uses the new ALCP change tool developed pursuant to the MAG Congestion Management Process. This tool assess project changes according to the following nine criteria:

- Average Annual Weekday Travel
- Volume to Capacity Ratio
- Peak PM Volume
- Peak AM Volume
- Crash Rates by Vehicle Miles of Travel Relative to City-Wide Average
- Serious Crashes divided by Fatalities for Structural Cases Only
- Segment of Regional Importance
- Complete Streets
- Economic Development Access

Ms. Maria Angelica Deeb then presented each of the Mesa requests. She noted that Mesa was requesting changes to four projects. The changes extend an existing ALCP projects, do not

request additional regional funds, include safety and capacity improvements, and were developed following either an alignment study or completion of a Design Concept Report.

The first project change request is to extend the Southern Avenue from Greenfield Road to 1000 feet east of Higley Road. The project will include the following:

- At Higley Road, widen the intersection in the eastbound direction to construct a third thru lane.
- Finish the southwest corner of the intersection.
- Widen the southbound departure side to a standard width which will provide north and southbound bike lanes.
- Construct medians in all four approaches of the intersection with Higley Road including directional ramps.
- Update driveways.
- Install ITS conduit and replace video with loop detectors.

The original project has a change tool rating of 0.8 and the proposed project has a rating of 1.3.

The Chair asked about the replacement of video cameras. Ms. Deeb indicated that Mesa obtains better data with loop detectors.

Ms. Jenny Grote asked if the removal of the cameras was a citywide policy and focused on cost savings. Ms. Deeb indicated it was only for the three projects.

Mr. John Kraft asked if the cost estimate for the project was \$5.3 million. Ms. Deeb confirmed the cost estimate.

Mr. Kraft moved approval of the Mesa request as identified in the meeting agenda. Mr. Grant Anderson seconded the motion. The motion carried unanimously.

7. Arterial Life Cycle Program Project Changes Technical Review: Southern Avenue at Lindsay Road

The second project change is to extend Southern Avenue from west of Gilbert Road to 1,000 feet east of Val Vista Drive. The project will:

- At the intersections of Lindsay Road and Gilbert Road, install medians at the approaches.
- The Lindsay Road intersection will have new directional ramps at each corner and a four foot raised median with single left turns at the east and west approaches.
- The curb and gutter at the southeast and southwest corners will be relocated towards the center of Lindsay Road to reduce pedestrian crossing time and align the north and south approaches.

The original project has a change tool rating of 0.9 and the proposed project has a rating of 1.25.

Mr. Mike Gillespie moved approval of the Mesa request as identified in the meeting agenda. Mr. Grant Anderson seconded the motion. The motion carried unanimously.

8. Arterial Life Cycle Program Project Changes Technical Review: Val Vista Drive: Baseline Road to Southern Avenue

The third project change request extends the Val Vista Drive, Baseline Road to Southern Avenue project to Pueblo. The project will:

- Accommodate tapers and ensure the pavement is properly treated.
- Widen Val Vista Drive to a six lane cross section with raised a median at the intersection with Val Vista.
- Widen Southern Avenue at Val Vista Drive to allow three through lanes for approximately 1,700 ft., then taper.
- Directional ADA ramps are to be considered.
- Install ITS conduit and replace video for loops.
- Construct new or upgraded curb, gutter, sidewalk and ramps as required.

The original project has a change tool rating of 0.8 and the proposed project has a rating of 0.9.

Mr. John Kraft moved approval of the Mesa request as identified in the meeting agenda. Mr. Kevin Lair seconded the motion. The motion carried unanimously.

9. Arterial Life Cycle Program Project Changes Technical Review: University Drive: Higley Road to Hawes Road

The fourth project change request is to extend the University Drive project from Higley Road to 88th Street. The project will:

- Result in a five lane cross section with two through lanes in each direction and a continuous center lane.
- Bike lanes and street lights will be added on both sides.
- Add right turn bays at varied locations.
- Acquired an additional 10 feet of right of way on the south side of University Drive.
- Add a lane of travel on the south side of University Drive from Sossaman to the eastern limits of the vacant parcel in the project scope.

- Add approximately 825 linear feet of conduit for future fiber installation. Fiber will not be added as part of the project.

The original project has a change tool rating of 0.9 and the proposed project has a rating of 0.8. The reason for the decline is probably due to over sensitivity to changes in the number of crashes and lack of congestion for the current and proposed project.

Mr. Kraft noted that the cost appears low. Ms Deeb noted that the cost was low as the project does not require full reconstruction of pavement.

Ms. Grote asked if the decision not to include fiber was to reduce costs. Ms. Deeb indicated that the laying of fiber was part of another project and that the installation of fiber would primarily consist of pulling cable through conduit and would not require tearing up of pavement.

Mr. Kevin Lair moved approval of the Mesa request as identified in the meeting agenda. Mr. Emile Schmid seconded the motion. The motion carried unanimously

#### 10. Briefing on the FAST ACT

Ms. Kennedy briefed the Committee. She noted that information on FAST Act funding is being released incrementally. The FAST Act has increased this year's obligation authority by 1.12 percent and has increased overall federal funding by 3.05 percent. The Act also provides a slight increase of STP funding available to MAG. This helps redress reductions from MAP-21.

It is not possible to provide an exact estimate of federal funding available for this fiscal year. The closing out of projects may release additional federal funding and the deferral of projects to future years may release more funding.

For this year's closeout, MAG has received approximately \$7.6 million in requests. In January, the Transportation Review Committee extended the closeout to include \$1.5 million for design projects. Requests for this design funding are due by February 11, 2016.

Later this year MAG will address closeout funding for ALCP projects. Approximately \$12.7 million in unused obligation authority is estimated to be available for the ALCP closeout.

Ms. Kennedy then noted that agencies who have received closeout funding for design projects need to work closely with ADOT to complete the need authorization by the start of June. She then asked Mr. Eric Boyles to comment.

Mr. Boyles encouraged agencies with design projects to contact him and submit project initiation letters. He noted that for agencies that are not certification accepted need to complete an Intergovernmental Agreement with ADOT. This task can be time consuming.

Ms. Kennedy concluded her presentation by reiterating the deadline for design closeout requests and noting that the Transportation Review Committee would consider the requests at their February meeting.

11. Request for Future Agenda Items

No member requested a future agenda item.

12. Member Agency Update

Ms. Deeb suggested that MAG develop a memo to help member agencies address requirements for locally owned NHS facilities. Mr. Warren White concurred with Ms. Deeb's suggestion and noted that FHWA should be involved.

Ms. Grote indicated that she would like to see an item on "Smart Cities" requests from Arizona. She noted that the City of Phoenix had recently hired Justin Fink from ADOT. She concluded by noting that the ITE/IMSA meeting will be held on March 2<sup>nd</sup> at the Embassy Suites in Paradise Valley.

Mr. Ben Wilson noted that Peoria had an opening for its Public Works Director position.

13. Next Meeting Date

The next regular Street Committee meeting is be scheduled for Tuesday, March 8, 2016 at 1:00 p.m. in the MAG Offices, Ironwood Room.

Adjournment

The meeting adjourned at 1:37 PM.

# **ATTACHMENT #1**

DRAFT FY 2017 - FY 2021 MAG Transportation Program/1

Agency	Section	Work Year	TIP ID/2	MAG ID/2	Location	Work	Miles	Lanes Before	Lanes After	ALI/Fed Id	AQ Area	In Program/3	TRACS/Grant ID	MAG Mode	Funding/4	Apportionment Year	Federal	Regional	Local	Total
ADOT	Highway	2017	DOT15-409	3776	88: at Superstition Blvd	Construct Roundabout	0.3	2	2	-----	Pinal	5-year	-----	Safety	HSIP-AZ	2017	3,500,000	-	-	3,500,000
ADOT	Highway	2017	DOT15-410	25910	87: Gila River Bridge	Scour Retrofit Construct new bicycle racks and enclosures on the east and west sides of campus; Demolish masonry wall on west side of the campus, install wrought iron	0.3	2	2	MES-0(231)T	Pinal	5-year	-----	Other	Bridge	2017	600,000	-	-	600,000
ADOT	Highway	2017	DOT15-416C	29806	Sequoia Charter School, 1460 Horne St., Mesa, AZ 85204	Spot Safety Improvements	-	-	-	-----	Maricopa	None	SF046 01D/0	Safety	SRTS	2017	62,400	-	-	62,400
ADOT	Highway	2017	DOT16-437	20301	88: Apache Junction - Tortilla Flat	Spot Safety Improvements	9.0	2	2	-----	Maricopa	5-year	-----	Freeway	HSIP-AZ	2017	2,185,000	-	-	2,185,000
ADOT	Highway	2017	DOT16-438	20301	88: Apache Junction - Tortilla Flat	Construct Pavement Preservation	9.0	2	2	-----	Maricopa	5-year	-----	Freeway	NHPP	2017	5,469,400	-	330,600	5,800,000
ADOT	Highway	2017	DOT17-401	2827	MAG regionwide	Preserve and maintain FMS	-	-	-	-----	Maricopa	RFHP	-----	Freeway	State	2017	-	-	720,000	720,000
ADOT	Highway	2017	DOT17-402	3730	MAG regionwide	Right of way property management	-	-	-	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2017	-	450,000	-	450,000
ADOT	Highway	2017	DOT17-403	9967	MAG regionwide	Dynamic Message Signs (DMS), Travel Times	-	-	-	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2017	-	-	170,000	170,000
ADOT	Highway	2017	DOT17-404	16909	MAG regionwide	Freeway Service Patrols	-	-	-	-----	Maricopa	RFHP	-----	Freeway	State	2017	-	-	1,000,000	1,000,000
ADOT	Highway	2017	DOT17-406	19443	MAG regionwide	Maintenance (landscape, litter removal and sweeping)	-	-	-	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2017	-	13,100,000	-	13,100,000
ADOT	Highway	2017	DOT17-407	19798	MAG regionwide	Right of way plans and titles	-	-	-	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2017	-	900,000	-	900,000
ADOT	Highway	2017	DOT17-408	30130	MAG regionwide	Design Change Orders	-	-	-	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2017	-	2,500,000	-	2,500,000
ADOT	Highway	2017	DOT17-409	30990	MAG regionwide	Advance Acquire Right Of Way	-	-	-	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2017	-	1,500,000	-	1,500,000
ADOT	Highway	2017	DOT17-410	46842	MAG regionwide	Risk Management Indemnification	-	-	-	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2017	-	2,300,000	-	2,300,000
ADOT	Highway	2017	DOT17-411	46386	MAG regionwide	Preliminary Engineering (ADOT Staff)	-	-	-	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2017	-	1,500,000	-	1,500,000
ADOT	Highway	2017	DOT17-412	49223	MAG regionwide	Preliminary Engineering (Management Consultants, 30% Plans Design)	-	-	-	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2017	-	2,500,000	-	2,500,000
ADOT	Highway	2017	DOT17-415	31546	17: Mores Gulch	Bridge replacement	0.2	4	4	-----	Maricopa	5-year	-----	Freeway	NHPP	2017	7,544,000	-	456,000	8,000,000
ADOT	Highway	2017	DOT17-416	33859	60 (Grand Ave): New River WB	Bridge rehabilitation	0.2	6	6	-----	Maricopa	5-year	-----	Street	NHPP	2017	471,500	-	28,500	500,000
ADOT	Highway	2017	DOT17-418	6407	10 (Papago): SR101/I-10 Ramp #2201 and Ramp SE #2202	Bridge rehabilitation	1.0	10	10	-----	Maricopa	5-year	-----	Freeway	NHPP	2017	471,500	-	28,500	500,000
ADOT	Highway	2017	DOT17-420	43941	17: 19th Ave TI Overpass, Str #717	Construct bridge rehabilitation	1.0	6	6	-----	Maricopa	5-year	-----	Freeway	NHPP	2017	612,950	-	37,050	650,000
ADOT	Highway	2017	DOT17-421	18960	17: Jefferson St Underpass, Str #554	Construct bridge rehabilitations	1.0	6	6	-----	Maricopa	5-year	-----	Freeway	NHPP	2017	377,200	-	22,800	400,000
ADOT	Highway	2017	DOT17-424	6350	347: Union Pacific Railroad Crossing	Right of Way Acquisition	1.0	6	6	-----	Pinal	5-year	-----	Street	NHPP	2017	11,033,100	-	666,900	11,700,000
ADOT	Highway	2017	DOT17-425	31949	303 (Estrella): I-10/303L TI, Phase II	Design Landscape	1.0	4	4	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2017	-	500,000	-	500,000
ADOT	Highway	2017	DOT17-427	20725	MAG regionwide	Risk Analysis Process, FY 2017	-	-	-	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2017	-	60,000	-	60,000
ADOT	Highway	2017	DOT17-429	45455	10 (Maricopa): University Dr TI Underpass, Str #2004	Construct Bridge Rehabilitation	1.0	10	10	-----	Maricopa	5-year	-----	Freeway	NHPP	2017	282,900	-	17,100	300,000
ADOT	Highway	2017	DOT17-430	16391	17: Cactus Rd, Thunderbird Rd and Greenway Rd	Construct Pump Station Rehabilitation	0.3	8	8	-----	Maricopa	5-year	-----	Freeway	NHPP	2017	1,301,340	-	78,660	1,380,000
ADOT	Highway	2017	DOT17-431	14419	60 (Superstition): Stapley Dr, Gilbert Rd, Val Vista Dr & 48th St	Construct Pump Station Rehabilitation	0.4	10	10	-----	Maricopa	5-year	-----	Freeway	NHPP	2017	2,423,510	-	146,490	2,570,000
ADOT	Highway	2017	DOT17-460	12318	202 (Santan): Ray Rd - Broadway Rd	Construct FMS	5.5	6	6	-----	Maricopa	RFHP	-----	Freeway	CMAQ	2017	4,149,200	250,800	-	4,400,000
ADOT	Highway	2017	DOT17-461	13227	MAG regionwide	Construct FMS Rehabilitation, Phase 2	-	-	-	-----	Maricopa	RFHP	-----	Freeway	CMAQ	2017	3,394,800	-	925,200	4,320,000
ADOT	Highway	2017	DOT17-462A	48053	ADOT Traffic Operation Center (TOC) Control Room	DPS Officers to Co-Locate in the ADOT Traffic Operations Center	-	-	-	-----	Maricopa	RFHP	-----	Freeway	NHPP	2017	213,000	212,000	-	425,000
ADOT	Highway	2017	DOT17-463	27591	17: SR101L - I-10 Stack Interchange	Construct Active Traffic Management (Near-Term Improvement Strategy)	14.5	8	8	-----	Maricopa	RFHP	-----	Freeway	State	2017	-	-	-	-
ADOT	Highway	2018	DOT11-105	39146	85: Warner Street Bridge	Construct Bridge	0.2	-	4	-----	Maricopa	RFHP	-----	Freeway	RARF-HURF	2018	-	5,300,000	-	5,300,000

DRAFT FY 2017 - FY 2021 MAG Transportation Program/1

Agency	Section	Work Year	TIP ID/2	MAG ID/2	Location	Work	Miles	Lanes Before	Lanes After	ALI/Fed Id	AQ Area	In Program/3	TRACS/Grant ID	MAG Mode	Funding/4	Apportionment Year	Federal	Regional	Local	Total
ADOT	Highway	2018	DOT16-421	16310	60 (Superstition): Crismon Rd to Meridan Rd	Design Widening	2.0	4	8	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	1,900,000	-	1,900,000
ADOT	Highway	2018	DOT17-417	25488	10 (Papago): Dysart Rd - Black Canyon Hwy	Construct pavement preservation	13.0	10	10	----	Maricopa	5-year	----	Freeway	NHPP	2018	24,989,500	-	1,510,500	26,500,000
ADOT	Highway	2018	DOT17-419	9061	10 (Papago): SR85 - Verrado (WB)	Construct pavement preservation	8.0	4	4	----	Maricopa	5-year	----	Freeway	NHPP	2018	5,678,746	-	343,254	6,022,000
ADOT	Highway	2018	DOT18-401	2827	MAG regionwide	Preserve and maintain FMS	-	-	-	----	Maricopa	RFHP	----	Freeway	State	2018	-	-	720,000	720,000
ADOT	Highway	2018	DOT18-402	3730	MAG regionwide	Right of way property management	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	450,000	-	450,000
ADOT	Highway	2018	DOT18-404	9967	MAG regionwide	Dynamic Message Signs (DMS), Travel Times	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	-	170,000	170,000
ADOT	Highway	2018	DOT18-406	16909	MAG regionwide	Freeway Service Patrols	-	-	-	----	Maricopa	RFHP	----	Freeway	State	2018	-	-	1,000,000	1,000,000
ADOT	Highway	2018	DOT18-408	19443	MAG regionwide	Maintenance (landscape, litter removal and sweeping)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	13,300,000	-	13,300,000
ADOT	Highway	2018	DOT18-409	19798	MAG regionwide	Right of way plans and titles	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	900,000	-	900,000
ADOT	Highway	2018	DOT18-410	30130	MAG regionwide	Design Change Orders	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	2,500,000	-	2,500,000
ADOT	Highway	2018	DOT18-411	30990	MAG regionwide	Advance Acquire Right Of Way	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	1,500,000	-	1,500,000
ADOT	Highway	2018	DOT18-412	46842	MAG regionwide	Risk Management Indemnification	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	2,300,000	-	2,300,000
ADOT	Highway	2018	DOT18-413	46386	MAG regionwide	Preliminary Engineering (ADOT Staff)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	1,500,000	-	1,500,000
ADOT	Highway	2018	DOT18-414	49223	MAG regionwide	Preliminary Engineering (Management Consultants, 30% Plans Design)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	2,500,000	-	2,500,000
ADOT	Highway	2018	DOT18-417	31949	303 (Estrella): I-10/303L TI, Phase II	Construct Landscape	1.0	4	4	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	5,000,000	-	5,000,000
ADOT	Highway	2018	DOT18-418	20725	MAG regionwide	Risk Analysis Process, FY 2018	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2018	-	65,000	-	65,000
ADOT	Highway	2018	DOT18-460	1888	10 (Papago): Cotton Lane - Dysart Rd	Construct FMS	5.0	10	10	----	Maricopa	RFHP	----	Freeway	CMAQ	2018	3,922,880	237,120	-	4,160,000
ADOT	Highway	2018	DOT18-461	34669	303 (Estrella): I-10 - Northern Ave	Construct FMS	5.0	6	6	----	Maricopa	RFHP	----	Freeway	CMAQ	2018	3,922,880	237,120	-	4,160,000
ADOT	Highway	2018	DOT18-462	13227	MAG regionwide	Design FMS Rehabilitation, Phase 3	-	-	-	----	Maricopa	RFHP	----	Freeway	CMAQ	2018	377,200	-	22,800	400,000
ADOT	Highway	2019	--	2827	MAG regionwide	FMS Preservation	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	720,000	-	720,000
ADOT	Highway	2019	--	3730	MAG regionwide	R/W Property Management	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	400,000	-	400,000
ADOT	Highway	2019	--	9967	MAG regionwide	Dynamic Message Signs (DMS) Travel Times	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	170,000	-	170,000
ADOT	Highway	2019	--	16909	MAG regionwide	Freeway Service Patrols	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	1,000,000	-	1,000,000
ADOT	Highway	2019	--	19443	MAG regionwide	Maintenance (Landscape, litter & sweep)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	13,500,000	-	13,500,000
ADOT	Highway	2019	--	19798	MAG regionwide	R/W Plans & Titles	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	900,000	-	900,000
ADOT	Highway	2019	--	20725	MAG regionwide	Risk Analysis Process, FY 2019	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	65,000	-	65,000
ADOT	Highway	2019	--	20725	MAG regionwide	Risk Analysis Process FY 2019	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	70,000	-	70,000
ADOT	Highway	2019	--	25845	303 (Estrella): Lake Pleasant Rd - I-17	Construct FMS	5.0	4	4	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	3,960,000	-	3,960,000
ADOT	Highway	2019	--	25845	303 (Estrella): Lake Pleasant Rd - I-17	Construct FMS	5.0	4	4	----	Maricopa	RFHP	----	Freeway	CMAQ	2019	3,734,280	225,720	-	3,960,000
ADOT	Highway	2019	--	27800	303 (Estrella): Northern Ave - Clearview Blvd	Construct FMS	7.5	6	6	----	Maricopa	RFHP	----	Freeway	CMAQ	2019	4,017,180	242,820	-	4,260,000
ADOT	Highway	2019	--	30130	MAG regionwide	Design Change Orders	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	2,500,000	-	2,500,000
ADOT	Highway	2019	--	30990	MAG regionwide	R/W Advance Acquisition	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	1,500,000	-	1,500,000

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Agency	Section	Work Year	TIP ID/2	MAG ID/2	Location	Work	Miles	Lanes Before	Lanes After	ALI/Fed Id	AQ Area	In Program/3	TRACS/Grant ID	MAG Mode	Funding/4	Apportionment Year	Federal	Regional	Local	Total
ADOT	Highway	2019	--	31494	303 (Estrella): Lake Pleasant Rd - I-17	Construct FMS	7.0	4	4	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	3,960,000	-	3,960,000
ADOT	Highway	2019	--	35674	60 (Superstition): Crismon Rd - Idaho Rd	Design FMS	4.0	4	4	----	Maricopa	RFHP	----	Freeway	CMAQ	2019	471,500	28,500	-	500,000
ADOT	Highway	2019	--	45939	303 (Estrella): MC 85 - Van Buren St, Phase 1	Design Freeway	5.0	-	6	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	11,500,000	-	11,500,000
ADOT	Highway	2019	--	45939	303 (Estrella): MC 85 - Van Buren St, Phase 1	Design new freeway	5.0	-	6	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	11,500,000	-	11,500,000
ADOT	Highway	2019	--	46386	MAG regionwide	Preliminary Engineering (ADOT Staff)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	1,500,000	-	1,500,000
ADOT	Highway	2019	--	46842	MAG regionwide	Risk Management Indemnification	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	2,300,000	-	2,300,000
ADOT	Highway	2019	--	49223	MAG regionwide	Preliminary Engineering (Mgmt. Cons. 30% Plans)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	2,000,000	-	2,000,000
ADOT	Highway	2019	DOT08-817	6455	10 (Papago): TI at Desert Creek/323rd Avenue/Mp 105.5	Design traffic interchange	-	-	4	----	Maricopa	RFHP	----	Freeway	Private	2019	-	-	1,900,000	1,900,000
ADOT	Highway	2019	DOT09-903	40259	10 (Papago): 395th Ave	Design Traffic Interchange	-	-	-	----	Maricopa	None	----	Freeway	Private	2019	-	-	1,820,000	1,820,000
ADOT	Highway	2019	DOT13-129	41541	10 (Maricopa): 32nd St - SR202L, Santan, Phase 1	Construct Widening	11.0	10	14	----	Maricopa	RFHP	----	Freeway	NHPP	2019	130,000,000	13,970,000	-	143,970,000
ADOT	Highway	2019	DOT13-130	6356	10 (Maricopa): 32nd St - SR202L, Santan, Phase 3	Design	11.0	10	14	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	9,400,000	-	9,400,000
ADOT	Highway	2019	DOT19-440	5144	10 (Maricopa): Alameda Drive and Guadalupe Road	Design and construct pedestrian bridges	0.2	10	10	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	9,100,000	-	9,100,000
ADOT	Highway	2019	DOT98-111	1709	101 (Pima): Pima Rd Extension (IPA)	Design roadway extension	3.0	-	4	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2019	-	297,000	-	297,000
ADOT	Highway	2020	--	2827	MAG regionwide	FMS Preservation	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	720,000	-	720,000
ADOT	Highway	2020	--	3730	MAG regionwide	R/W Property Management	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	400,000	-	400,000
ADOT	Highway	2020	--	9967	MAG regionwide	Dynamic Message Signs (DMS) Travel Times	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	170,000	-	170,000
ADOT	Highway	2020	--	13227	MAG regionwide	Design and construct FMS Rehabilitation	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	5,228,000	-	5,228,000
ADOT	Highway	2020	--	16310	60 (Superstition): Crismon Rd to Meridan Rd	Construct Widening	2.0	4	8	----	Maricopa	RFHP	----	Freeway	NHPP	2020	24,989,500	1,510,500	-	26,500,000
ADOT	Highway	2020	--	16909	MAG regionwide	Freeway Service Patrols	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	1,000,000	-	1,000,000
ADOT	Highway	2020	--	19443	MAG regionwide	Maintenance (Landscape, litter & sweep)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	13,700,000	-	13,700,000
ADOT	Highway	2020	--	19798	MAG regionwide	R/W Plans & Titles	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	900,000	-	900,000
ADOT	Highway	2020	--	20725	MAG regionwide	Risk Analysis Process FY 2020	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	70,000	-	70,000
ADOT	Highway	2020	--	27591	17: SR101L - I-10 Stack Interchange	Design ITS improvements	14.5	8	8	----	Maricopa	RFHP	----	Freeway	NHPP	2020	5,658,000	342,000	-	6,000,000
ADOT	Highway	2020	--	30130	MAG regionwide	Design Change Orders	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	2,500,000	-	2,500,000
ADOT	Highway	2020	--	30990	MAG regionwide	R/W Advance Acquisition	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	1,500,000	-	1,500,000
ADOT	Highway	2020	--	31591	101 (Pima): SR 51 Piastewa - Princess Dr	Design widening	6.0	8	10	----	Maricopa	RFHP	----	Freeway	NHPP	2020	4,809,300	290,700	-	5,100,000
ADOT	Highway	2020	--	46386	MAG regionwide	Preliminary Engineering (ADOT Staff)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	1,500,000	-	1,500,000
ADOT	Highway	2020	--	46842	MAG regionwide	Risk Management Indemnification	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	2,300,000	-	2,300,000
ADOT	Highway	2020	--	49223	MAG regionwide	Preliminary Engineering (Mgmt. Cons. 30% Plans)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	2,000,000	-	2,000,000
ADOT	Highway	2020	--	50646	MAG regionwide	Freeway Management System Projects	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	-	-	-
ADOT	Highway	2020	--	72670	101 (Pima): Princess Dr - Shea Blvd	Design widening	4.0	8	10	----	Maricopa	RFHP	----	Freeway	NHPP	2020	3,489,100	210,900	-	3,700,000
ADOT	Highway	2020	DOT07-637	60858	10 (Maricopa): SR202L Santan - Riggs Rd	Design freeway widening from 4 lanes to 6, plus HOV lanes	6.0	4	8	----	Maricopa	RFHP	----	Freeway	NHPP	2020	4,526,400	273,600	-	4,800,000
ADOT	Highway	2020	DOT09-826	19874	10 (Papago): TI at Desert Creek/323rd Avenue/Mp 105.5	Construct Traffic Interchange	0.1	8	10	----	Maricopa	RFHP	----	Freeway	Private	2020	-	-	18,500,000	18,500,000

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ADOT	Highway	2020	DOT09-901	40259	10 (Papago): 395th Ave	Construct Traffic Interchange	-	-	-	----	Maricopa	None	----	Freeway	Private	2020	-	-	18,200,000	18,200,000
ADOT	Highway	2020	DOT14-144	20988	10 (Maricopa): 32nd St - SR202L, Santan, Phase 2	Construct Widening	11.0	10	14	----	Maricopa	RFHP	----	Freeway	NHPP	2020	107,502,000	6,498,000	-	114,000,000
ADOT	Highway	2020	DOT18-416	35674	60 (Superstition): Crismon Rd - Idaho Rd	Construct FMS	4.0	4	4	----	Maricopa	RFHP	----	Freeway	CMAQ	2020	1,886,000	114,000	-	2,000,000
ADOT	Highway	2020	DOT99-124	1709	101 (Pima): Pima Rd Extension (JPA)	Construct roadway extension	3.0	-	4	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2020	-	3,634,000	-	3,634,000
ADOT	Highway	2021	--	2827	MAG regionwide	FMS Preservation	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	720,000	-	720,000
ADOT	Highway	2021	--	3730	MAG regionwide	R/W Property Management	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	400,000	-	400,000
ADOT	Highway	2021	--	7156	17: McDowell - Arizona Canal	Right of Way for widening	7.0	8	10	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	50,000,000	-	50,000,000
ADOT	Highway	2021	--	7156	17: McDowell - Arizona Canal	Design widening	7.0	8	10	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	10,500,000	-	10,500,000
ADOT	Highway	2021	--	9967	MAG regionwide	Dynamic Message Signs (DMS) Travel Times	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	170,000	-	170,000
ADOT	Highway	2021	--	16909	MAG regionwide	Freeway Service Patrols	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	1,000,000	-	1,000,000
ADOT	Highway	2021	--	19443	MAG regionwide	Maintenance (Landscape, litter & sweep)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	13,900,000	-	13,900,000
ADOT	Highway	2021	--	19798	MAG regionwide	R/W Plans & Titles	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	900,000	-	900,000
ADOT	Highway	2021	--	20725	MAG regionwide	Risk Analysis Process FY 2021	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	70,000	-	70,000
ADOT	Highway	2021	--	26095	202 (Santan): US60 Superstition - Gilbert Rd	Design HOV lane	13.0	6	8	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	3,400,000	-	3,400,000
ADOT	Highway	2021	--	30130	MAG regionwide	Design Change Orders	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	2,500,000	-	2,500,000
ADOT	Highway	2021	--	30990	MAG regionwide	R/W Advance Acquisition	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	1,500,000	-	1,500,000
ADOT	Highway	2021	--	31591	101 (Pima): SR 51 Piastewa - Princess Dr	Construct widening	6.0	8	10	----	Maricopa	RFHP	----	Freeway	NHPP	2021	57,617,300	3,482,700	-	61,100,000
ADOT	Highway	2021	--	46386	MAG regionwide	Preliminary Engineering (ADOT Staff)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	1,500,000	-	1,500,000
ADOT	Highway	2021	--	46842	MAG regionwide	Risk Management Indemnification	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	2,300,000	-	2,300,000
ADOT	Highway	2021	--	49223	MAG regionwide	Preliminary Engineering (Mgmt. Cons. 30% Plans)	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	2,000,000	-	2,000,000
ADOT	Highway	2021	--	50646	MAG regionwide	Freeway Management System Projects	-	-	-	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	6,280,000	-	6,280,000
ADOT	Highway	2021	--	56320	10 (Maricopa): Chandler Heights Rd TI	Design traffic interchange	-	4	4	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	1,300,000	-	1,300,000
ADOT	Highway	2021	--	65690	101 (Price): Baseline Rd - SR202L Santan	Design widening	6.0	8	10	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	3,500,000	-	3,500,000
ADOT	Highway	2021	--	72670	101 (Pima): Princess Dr - Shea Blvd	Construct widening	4.0	8	10	----	Maricopa	RFHP	----	Freeway	NHPP	2021	19,249,000	33,451,000	-	52,700,000
ADOT	Highway	2021	--	80112	202 (Red Mountain): Broadway Rd - US60 Superstition	Design HOV lane	1.5	8	10	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	400,000	-	400,000
ADOT	Highway	2021	--	89284	303 (Estrella): MC 85 - Van Buren St, Phase 2	Right of way for new freeway	5.0	-	6	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	21,700,000	-	21,700,000
ADOT	Highway	2021	DOT09-698	60858	10 (Maricopa): SR202L Santan - Riggs Rd	Widen freeway from 4 lanes to 6, plus HOV lanes	6.0	4	8	----	Maricopa	RFHP	----	Freeway	NHPP	2021	65,195,000	3,705,000	-	68,900,000
ADOT	Highway	2021	DOT14-105	6356	10 (Maricopa): 32nd St - SR202L, Santan, Phase 3	R/W Acquisition	11.0	10	14	----	Maricopa	RFHP	----	Freeway	RARF-HURF	2021	-	47,200,000	-	47,200,000
Apache Junc	Highway	2017	APJ17-401	47549	Delaware Dr to Royal Palms Rd; Winchester Rd, Hondo Ave to Southern Ave	Reconstruct sidewalks with ADA compliant ramps and driveways.	0.9	-	-	APJ-Q(212)T	Pinal	None	SZ183 01C/0	Bike/Ped	CMAQ	2017	197,604	-	31,944	229,548
Apache Junc	Highway	2018	APJ18-401	13206	Delaware Dr: Apache Trail to Superstition Blvd.	Construct Roadway and Pedestrian Improvements	0.5	2	2	----	Maricopa	None	----	Street	STP-MAG	2018	1,484,784	-	89,748	1,574,532
Apache Junc	Highway	2018	APJ18-402	30485	Southern Ave: Delaware Dr to Ironwood Dr	PE - ADOT Review Fee for Roadway Widening and Improvements	0.5	2	4	----	Pinal	None	----	Street	STP-MAG	2018	42,865	-	2,591	45,456
Apache Junc	Highway	2018	APJ18-403	30485	Southern Ave: Delaware Dr to Ironwood Dr	Design Roadway Widening and Improvements	0.5	2	4	----	Pinal	None	----	Street	STP-MAG	2018	181,999	-	11,001	193,000

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Apache Junc	Highway	2018	APJ18-440	5405	Winchester Road: Southern Avenue to 16th Avenue	Construct Bicycle Lanes and Sidewalks	-	2	2	----	Pinal	None	----	Bike/Ped	CMAQ	2018	1,289,994	-	77,974	1,367,968
Apache Junc	Highway	2018	APJ18-460	4476	Apache Junction (Citywide)	Install wireless communication to all Apache Junction traffic signals	-	-	-	----	Pinal	None	----	ITS	CMAQ	2018	267,340	-	16,160	283,500
Apache Junc	Highway	2020	APJ11-101	1392	Meridian Road: Southern Avenue to Baseline Avenue	Design and Construct Roadway Widening	1.0	2	6		Maricopa	None		Street	Local	2020	-		2,800,000	2,800,000
Apache Junc	Highway	2020	APJ11-103	17221	Meridian Road: Broadway Avenue to Southern Avenue	Design and Construct Roadway Widening	1.0	2	4		Maricopa	None		Street	Local	2020	-		2,800,000	2,800,000
Avondale	Highway	2017	AVN08-801	2359	99th Ave: Indian School Rd to Osborn (W 1/2-.5 miles)	Add 1 SB & 1 NB lanes	0.5	4	6		Maricopa	None		Street	Private	2017	-		2,000,000	2,000,000
Avondale	Highway	2017	AVN15-404	21337	Thomas Road: RID to 99th Avenue ( N 1/2, .50 mi)	Add 1 lane	0.5	3	4		Maricopa	None		Street	Private	2017	-		1,000,000	1,000,000
Avondale	Highway	2017	AVN15-407	16763	Van Buren: East side of Aqua Fria Bridge to .35 mi east of Bridge ( N 1/2, .35 miles)	Add 2 lanes, curb, gutter, sidewalks	0.4	4	6		Maricopa	None		Street	Private	2017	-		1,500,000	1,500,000
Avondale	Highway	2017	AVN15-441C	16247	I-10 and the Agua Fria	Construct asphalt path and underpass	0.3	-	-	M-AVN-0(215)	Maricopa	None	SZ078 01C	Bike/Ped	CMAQ	2017	1,264,427		76,429	1,340,856
Avondale	Highway	2017	AVN16-402	20835	99th Avenue: Encanto to RID Canal ( W 1/2, .25 miles)	1 NB lane, 1 SB lane, curb, gutter, sidewalks, landscaping & lighting	0.3	4	6		Maricopa	None		Street	Private	2017	-		2,000,000	2,000,000
Avondale	Highway	2017	AVN16-409	49316	McDowell Rd from Dysart Road to Avondale Boulevard.	Install fiber communications backbone	-	-	-		Maricopa	None		ITS	CMAQ	2017	424,498		457,046	881,544
Avondale	Highway	2017	AVN17-404	13437	McDowell Rd: 107th Ave to Harbour Shores	Add 1 lane, curb, gutter, sidewalk	0.2	5	6		Maricopa	None		Street	Private	2017	-		1,500,000	1,500,000
Avondale	Highway	2017	AVN17-406	99	Van Buren St from the Agua Fria River to 113th Ave.	Construct multi use path with lighting, landscaping, water fountains, and other pedestrian and bicycle amenities.	1.7	4	4	AVN-0(221)T	Maricopa	None	SL738 01C/0	Bike/Ped	TAP-MAG	2017	2,011,664	-	171,596	2,183,260
Avondale	Highway	2017	AVN17-470	36576	Avondale (Citywide)	Procure and Install Sign Management System and Sign Upgrade	-	-	-		Maricopa	None		ITS	HSIP-MAG	2017	216,000		-	216,000
Avondale	Highway	2018	AVN15-408	29304	Van Buren: 111th Avenue to 107th Avenue ( N 1/2, .50 miles) Roadway Improvements	Add 4 lanes, curb, gutter, sidewalks	0.5	2	6		Maricopa	None		Street	Private	2018	-		2,000,000	2,000,000
Avondale	Highway	2018	AVN16-403	39295	El Mirage (Fairway Drive) & I-10 Freeway	Construct full traffic Interchange	1.0	-	4		Maricopa	None		Freeway Inte	Local	2018	-		400,000	400,000
Avondale	Highway	2018	AVN18-401	41581	Dysart Road: .10 mi south of Indian School to .25 mi south of I.S	Add 1 lane, curb, gutter, sidewalk, landscaping, and irrigation	0.2	4	5		Maricopa	None		Street	Private	2018	-		1,000,000	1,000,000
Avondale	Highway	2018	AVN18-405	43893	Indian School: 100th Avenue to 99th Avenue ( N & S 1/2, .25 mi)	Add 2 lanes	0.3	4	6		Maricopa	None		Street	Private	2018	-		1,000,000	1,000,000
Avondale	Highway	2018	AVN18-406	19001	McDowell Road: 119th Avenue to 117th Avenue	Add 2 lanes, curb, gutter, sidewalk	0.2	4	6		Maricopa	None		Street	Private	2018	-		1,000,000	1,000,000
Avondale	Highway	2018	AVN18-408	15185	Van Buren: 101st to 99th Avenue ( s 1/2, .25 miles) Roadway Improvements	Add 1 lane, curb, gutter, sidewalks	0.3	4	5		Maricopa	None		Street	Private	2018	-		1,000,000	1,000,000
Avondale	Highway	2018	AVN18-460	3533	Dysart Rd: Van Buren Rd to north of I-10	Install fiber backbone to connect two existing backbone runs on Dysart Rd fiber	0.5	6	6	----	Maricopa	None	----	ITS	CMAQ	2018	278,279	-	159,321	437,600
Avondale	Highway	2020	AVN10086	10086	107th Avenue: McDowell Road to MC85	add 2 lanes	2.0	4	6		Maricopa	None		Street	Local	2020	-		7,000,000	7,000,000
Avondale	Highway	2020	AVN11-101	47266	Avondale Boulevard-Lower Buckeye to Miami	Add Pedestrian and bike facilities	1.0	4	4		Maricopa	None		Bike/Ped	Local	2020	-		1,050,000	1,050,000
Avondale	Highway	2020	AVN15-402	49054	El Mirage: I-10 to Van Buren (E 1/2, .50 miles)	Add 2 lanes	0.5	2	4		Maricopa	None		Street	Private	2020	-		1,000,000	1,000,000
Avondale	Highway	2020	AVN15-403	45776	Dysart Road: Indian School to .25 miles south	Add 1 lane, curb, gutter, sidewalk, landscaping, and irrigation	0.3	4	5		Maricopa	None		Street	Private	2020	-		1,000,000	1,000,000
Avondale	Highway	2020	AVN16-401	11076	99th Avenue: Thomas to Encanto (W 1/2, 0.5 miles)	Construct	0.5	4	6		Maricopa	None		Street	Private	2020	-		2,000,000	2,000,000
Avondale	Highway	2020	AVN16-404	28760	McDowell Road: 117th Avenue to Avondale Blvd. ( N & S 1/2, .30 miles) Roadway Improvements	Add 2 lanes, curb, gutter, sidewalks	0.3	4	6		Maricopa	None		Street	Private	2020	-		2,000,000	2,000,000
Avondale	Highway	2020	AVN17-405	28	Van Buren: 107th Avenue to 105th Avenue ( S 1/2, .25 miles) Roadway Improvements	Add 3 lanes, curb, gutter, sidewalks	0.3	3	5		Maricopa	None		Street	Private	2020	-		1,500,000	1,500,000
Avondale	Highway	2020	AVN44693	44693	El Mirage: Camelback to Indian School Road (E 1/2, 1.0 miles)	add	1.0	2	4		Maricopa	None		Street	Private	2020	-		1,000,000	1,000,000
Avondale	Highway	2021	--	--	Van Buren, 103rd Ave. to 101st Ave	Add 1 lane, curb, gutter and sidewalk	1.0	2	5		Maricopa	None		Street	Private	2021	-		1,000,000	1,000,000
Avondale	Highway	2021	AVN16-406	2645	Van Buren: El Mirage to .17 mi E of EL Mirage ( N 1/2, .17 miles)	Add 2 lanes, curb, gutter, sidewalks	0.2	4	6		Maricopa	None		Street	Private	2021	-		1,000,000	1,000,000
Avondale	Highway	2021	AVN17-403	49029	Avondale Boulevard: Palm Lane to McDowell Road (W 1/2, .25 miles)	Add 2 lanes, curb, gutter, sidewalks, landscaping, and lighting	0.3	2	4		Maricopa	None		Street	Private	2021	-		1,000,000	1,000,000
Avondale	Highway	2021	AVN18-412	1697	Lower Buckeye Rd: .30 miles east of 119th Avenue to Avondale Blvd ( S 1/2, .15 miles) Roadway Improvements	Add 2 lanes, curb, gutter, sidewalk	0.2	2	4		Maricopa	None		Street	Private	2021	-		1,000,000	1,000,000

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Avondale	Highway	2021	AVN23477	23477	Dysart Road: Whyman to Lower Buckeye, (W & E 1/2, .5mi)	Add new road	0.5	-	4		Maricopa	None		Street	Private	2021	-		1,000,000	1,000,000
Avondale	Highway	2021	AVN36372	36372	Lower Buckeye Road: Litchfield to .20 miles east ( S 1/2, .20 miles)	Roadway Improvements	0.2	2	4		Maricopa	None		Street	Private	2021	-		1,000,000	1,000,000
Buckeye	Highway	2017	BKY12-107	46845	McDowell Rd: Dean Rd (alignment) to Verrado Way	Construct two through lanes	1.0	2	4		Maricopa	None		Street	Private	2017	-		6,400,000	6,400,000
Buckeye	Highway	2017	BKY13-117	10298	Desert Oasis Blvd: Beardsley Pkwy to CAP Canal	Construct new four lane roadway	0.5	-	4		Maricopa	None		Street	Private	2017	-		500,000	500,000
Buckeye	Highway	2017	BKY13-118	16902	Indian School Rd: Sunrise Ln to Verrado Way	Construct new four lane roadway	-	-	4		Maricopa	None		Street	Private	2017	-		3,500,000	3,500,000
Buckeye	Highway	2017	BKY15-402	43255	Verrado Way: Park Meadows Dr to McDowell Road	Construct one lane	0.3	3	4		Maricopa	None		Street	Private	2017	-		1,300,000	1,300,000
Buckeye	Highway	2017	BKY17-401	27041	Rainbow Rd: Durango St to Lower Buckeye Rd; Lower Buckeye Rd: Rainbow Rd to Watson Rd; Watson Rd to Durango St.	Construct multiuse path	2.0	-	-		Maricopa	None		Bike/Ped	CMAQ	2017	1,083,628		48,730	1,132,358
Buckeye	Highway	2017	BKY17-402	25439	Watson Road, Durango St to Lower Buckeye Rd	Construct multiuse path	0.5	-	-		Maricopa	None		Bike/Ped	CMAQ	2017	302,206		28,267	330,473
Buckeye	Highway	2017	BKY17-403	1532	Lower Buckeye Rd, Watson Rd to Sundance Park	Construct multiuse path	0.9	-	-		Maricopa	None		Bike/Ped	CMAQ	2017	388,830		33,503	422,333
Buckeye	Highway	2017	BKY18-402	18880	Indian School Rd: Jackrabbit Trail to Sunrise Ln	Construct two additional through lanes	1.5	2	4		Maricopa	None		Street	Private	2017	-		3,000,000	3,000,000
Buckeye	Highway	2019	BKY07-702	1866	Watson Rd: Extension to MC-85	Construct new roadway with crossing over Palo Verde Nuclear Generating Station water line, BID Canal and RR Tracks	1.0	-	2		Maricopa	None		Street	Local	2019	-		2,852,000	2,852,000
Buckeye	Highway	2019	BKY12-905	16413	Watson Rd: Durango St to Lower Buckeye Rd	Street improvements, new pavement, utility relocation as necessary, striping and sidewalks	1.0	2	6		Maricopa	None		Street	Local	2019	-		2,572,970	2,572,970
Buckeye	Highway	2019	BKY13-104	108	Miller Rd: Lower Buckeye Rd to RID Canal	Construct through lanes	0.5	2	4		Maricopa	None		Street	Private	2019	-		5,042,340	5,042,340
Buckeye	Highway	2019	BKY13-105	108	Miller Rd: Lower Buckeye Rd to RID Canal	Construct through lanes	0.5	2	4		Maricopa	None		Street	Private	2019	-		2,000,000	2,000,000
Buckeye	Highway	2019	BKY13-109	14078	Turner Rd: Baseline Rd to 0.5 miles north	Construct two through lanes	0.5	2	4		Maricopa	None		Street	Private	2019	-		910,000	910,000
Buckeye	Highway	2019	BKY13-111	19475	Apache Rd: RID Canal to Lower Buckeye Rd	Construct two through lanes	0.5	2	4		Maricopa	None		Street	Private	2019	-		2,266,667	2,266,667
Buckeye	Highway	2019	BKY13-113	1201	Watson Rd: Lower Buckeye Rd to RID Canal	Construct two through lanes	0.5	2	4		Maricopa	None		Street	Private	2019	-		4,247,730	4,247,730
Buckeye	Highway	2019	BKY13-125	47460	Thomas Rd: Acacia Way to Tuthill Rd (alignment)	Construct new two lane roadway	-	-	2		Maricopa	None		Street	Private	2019	-		1,200,000	1,200,000
Buckeye	Highway	2019	BKY15-401	1283	Verrado Way: McDowell Road to I-10	Construct three lanes	0.3	3	6		Maricopa	None		Street	Private	2019	-		1,300,000	1,300,000
Buckeye	Highway	2020	BKY10-901	9903	Miller Rd: Maricopa Rd to Narramore Ave	East half street improvements, new pavement, utility relocation as necessary, striping and sidewalks	-	2	6		Maricopa	None		Street	Local	2020	-		6,228,684	6,228,684
Buckeye	Highway	2020	BKY10-902	4807	Miller Rd: Narramore Ave to Hazen Rd	Street improvements, new pavement, utility relocation as necessary, striping and sidewalks	1.0	2	6		Maricopa	None		Street	Local	2020	-		3,737,210	3,737,210
Buckeye	Highway	2020	BKY12-114	28378	Beardsley Pkwy: Desert Vista Blvd (West) to Desert Oasis Blvd	Construct new four lane roadway	1.0	-	4		Maricopa	None		Street	Private	2020	-		1,200,000	1,200,000
Buckeye	Highway	2020	BKY16-401	3599	Rainbow Rd: Durango St to RID Canal	Construct two through lanes	1.5	2	4		Maricopa	None		Street	Private	2020	-		7,000,000	7,000,000
Buckeye	Highway	2021	BKY12-113	13358	Thomas Rd: Jackrabbit Trl to Tuthill Rd	Construct two through lanes	1.0	-	2		Maricopa	None		Street	Private	2021	-		500,000	500,000
Buckeye	Highway	2021	BKY12-115	17270	Westpark Loop Rd: Rooks Rd (South) to Rooks Rd (North)	Construct new four lane roadway	1.0	-	4		Maricopa	None		Street	Private	2021	-		3,122,400	3,122,400
Buckeye	Highway	2021	BKY13-110	23622	Apache Rd: Lower Buckeye Rd to SRP/WAPA powerline(s)	Construct two through lanes	0.5	2	4		Maricopa	None		Street	Private	2021	-		2,200,562	2,200,562
Buckeye	Highway	2021	BKY13-116	13944	Southern Ave: Apache Rd to Miller Rd	Construct four through lanes	1.0	2	6		Maricopa	None		Street	Private	2021	-		7,756,320	7,756,320
Buckeye	Highway	2021	BKY13-120	6425	Pinnacle Peak Rd: 259th Ave (alignment) to 271st Ave	Construct new six lane roadway	1.0	-	6		Maricopa	None		Street	Private	2021	-		1,500,000	1,500,000
Chandler	Highway	2017	--	--	Chandler Blvd at Alma School Rd: Intersection Improvements	Construct Intersection Improvement	0.3	4	6		Maricopa	ALCP		Street						
Chandler	Highway	2018	--	--	Chandler Heights Rd: Arizona Ave to McQueen Rd	Construct Roadway Widening	1.0	2	4		Maricopa	ALCP		Street						
Chandler	Highway	2018	--	--	Cooper Rd: South of Queen Creek Rd to Chandler Heights	Construct Roadway Widening	2.0	4	4		Maricopa	ALCP		Street						
Chandler	Highway	2018	--	--	Queen Creek Rd: McQueen Rd to Gilbert Rd	Construct Roadway Widening	2.0	2	6		Maricopa	ALCP		Street						

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Chandler	Highway	2019	--	--	Cooper Rd: Chandler Heights to Riggs Rd	Construct Roadway Widening	2.0	4	4	----	Maricopa	ALCP		Street						
Chandler	Highway	2019	CHN19-760	25614	40 signalized intersections along Chandler Blvd and Ray Rd	Install bicycle detection system	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2019	792,120	-	47,880	840,000
Chandler	Highway	2019	CHN19-760	25614	40 signalized intersections along Chandler Blvd and Ray Rd	Install bicycle detection system	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2019	792,120	-	47,880	840,000
Chandler	Highway	2020	CHN12-102	30466	Chandler Heights, Arizona to Union Pacific Railroad	Construct Roadway widening	0.5	2	4		Maricopa	None		Street	Private	2020	-		4,000,000	4,000,000
Chandler	Highway	2020	CHN12-107	--	Ocotillo, Rincon to Cobblestone	Construct Roadway widening	0.5	2	4		Maricopa	None		Street	Local					-
Chandler	Highway	2020	CHN12-113	14906	Queen Creek, Cooper Road to Eagle Drive	Construct Road Widening	0.3	2	6		Maricopa	None		Street	Private	2020	-		1,000,000	1,000,000
Chandler	Highway	2020	CHN12-114	21942	Queen Creek, Cooper Road to Emmet Drive	Construct Road Widening	0.5	2	6		Maricopa	None		Street	Private	2020	-		2,000,000	2,000,000
Chandler	Highway	2020	CHN12-115	22895	Queen Creek, Emmett Drive to Gilbert Rd	Construct Road Widening	0.5	2	6		Maricopa	None		Street	Private	2020	-		2,000,000	2,000,000
Chandler	Highway	2020	CHN12-806	42703	Chandler Heights Rd: Arizona Ave to McQueen Rd	Reconstruct roadway to add 1 through lane in each direction	1.0	2	4		Maricopa	None		Street	Local	2020	-		13,650,225	13,650,225
Chandler	Highway	2020	CHN20-701C	36418	Various alleys in Chandler	Pave unpaved alley	14.5	-	-	----	Maricopa	None	----	Air Quality	CMAQ	2020	944,954	-	57,118	1,002,072
Chandler	Highway	2020	CHN20-701C	36418	Various alleys in Chandler	Pave unpaved alley	14.5	-	-	----	Maricopa	None	----	Air Quality	CMAQ	2020	944,954	-	57,118	1,002,072
Chandler	Highway	2020	CHN20-740	21966	Chandler Boulevard: I-10 to 54th Street	Construct bike lanes	0.4	6	6	----	Maricopa	None	----	Bike/Ped	CMAQ	2020	454,597	-	27,478	482,075
Chandler	Highway	2020	CHN20-740	21966	Chandler Boulevard: I-10 to 54th Street	Construct bike lanes	0.4	6	6	----	Maricopa	None	----	Bike/Ped	CMAQ	2020	454,597	-	27,478	482,075
Chandler	Highway	2021	--	--	Chandler Heights Rd: McQueen Rd to Gilbert Rd	Construct Roadway Widening	2.0	2	4		Maricopa	ALCP		Street						
El Mirage	Highway	2017	--	--	Thunderbird Rd: El Mirage Rd to Grand Avenue	Construct Roadway Widening	1.0	4	4		Maricopa	ALCP		Street						
El Mirage	Highway	2018	ELM18-460	49121	Thunderbird Rd: 1300 ft N of Northern Ave to Grand Ave frontage road, Thunderbird Rd: 127th Ave to El Frio St, Peoria Ave: El Mirage Rd to 121st Ave	Install fiber, install five CCTV cameras and interconnect six traffic signals	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2018	305,721	-	18,479	324,200
Florence	Highway	2018	FLO16-403	14690	Town of Florence (Various)	Dust Mitigation on Unpaved Shoulders and Remediation	5.8	2	4		Pinal	None		Air Quality	Local	2018	-		1,800,000	1,800,000
Florence	Highway	2018	FLO18-401	34208	SR 287 Florence-Coolidge Hwy and SR 79b Traffic Circle	Construct Traffic Circle	0.3	2	2		Pinal	None		Street	Local	2018	-	-	1,500,000	1,500,000
Fort McDowell	Highway	2017	--	--	Hillside Road at Mohave Road	Construction Phase	0.3	2	2	53900	Maricopa	None		Street	BIA	2017	98,371	-	-	98,371
Fort McDowell	Highway	2017	--	--	Fort McDowell Trail System	Design	4.5	2	2	53100	Maricopa	None		Bike/Ped	BIA	2017	98,371	-	-	98,371
Fort McDowell	Highway	2018	--	--	Gu Mah Road, U Nee Way and Mohave Road (East)	Construction Phase	1.0	2	2	53100	Maricopa	None	----	Street	BIA	2018	850,000	-	-	850,000
Fort McDowell	Highway	2018	--	--	Gu Mah Road, U Nee Way and Mohave Road (East)	Construction Phase	1.0	2	2	M-FTH-0(208)	Maricopa	None		Street	BIA	2018	850,000	-	-	850,000
Fountain Hill	Highway	2017	FTH12-102	68	Fountain Hills Blvd, Segundo Dr to Pinto Dr	Design work for Pave Dirt shoulder project	2.0	2	2		Maricopa	None	SZ039 01C	Air Quality	Local	2017	-	-	104,900	104,900
Fountain Hill	Highway	2017	FTH14-101	39385	Shea Blvd. and Downtown Area.	Construct initial deployment of ITS for traffic signals and provide monitoring/control sites at Town Hall and the Street Yard.	-	4	4		Maricopa	None		ITS	CMAQ	2017	922,616	-	289,407	1,212,023
Fountain Hill	Highway	2017	FTH15-101	19881	Fountain Hills (Townwide)	Procure and Install Arterial Street STOP Sign Upgrade	-	-	-		Maricopa	None		Safety	HSIP-MAG	2018	31,800	-	-	31,800
Fountain Hill	Highway	2018	--	--	Shea Blvd: Palisades - Fountain	Shea EB Bike Lane & Overlay Palisades - FHB)	1.0	5	5		Maricopa	None		Air Quality	CMAQ	2018	224,000	-	159,000	383,000
Fountain Hill	Highway	2018	FTH14-102	68	Fountain Hills Blvd, Segundo Dr to Pinto Dr	Construct/Pave Dirt Shoulders	2.0	2	2		Maricopa	None	SZ039 01C	Air Quality	CMAQ	2018	255,364	-	15,436	270,800
Fountain Hill	Highway	2018	FTH14-103	19881	Fountain Hills (Townwide)	Preliminary Engineering for Arterial Street STOP Sign Upgrade	-	-	-		Maricopa	None		Safety	HSIP-MAG	2018	15,000	-	-	15,000
Fountain Hill	Highway	2019	--	--	Shea Blvd: Palisades Blvd to Technology Dr	Construct Roadway Widening	2.2	4	6	----	Maricopa	ALCP		Street						
Gila River Inc	Highway	2020	GRC20-701	17333	Gilbert Road: Hunt Highway to SR-87	Construct Roadway Reconstruction and Improvements	2.5	2	2	----	Pinal	None	----	Street	STP-MAG	2020	1,270,000	-	632,868	1,902,868
Gila River Inc	Highway	2020	GRC20-701	17333	Gilbert Road: Hunt Highway to SR-87	Construct Roadway Reconstruction and Improvements	2.5	2	2	----	Pinal	None	----	Street	STP-MAG	2020	1,270,000	-	632,868	1,902,868
Gilbert	Highway	2017	--	--	Guadalupe Rd at Cooper Rd: Intersection Improvements	Construct Intersection Improvement	0.5	4	6		Maricopa	ALCP		Street						
Gilbert	Highway	2017	GLB08-712	16366	Ray Rd: Higley Rd to Recker Rd	Add 2 lanes in each direction	1.0	2	6		Maricopa	None		Street	Private	2017	-	-	1,000,000	1,000,000

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Gilbert	Highway	2017	GLB09-720	21812	Lindsay Rd: Pecos Rd to Germann Rd	Add 1 lane in each direction	1.0	2	4		Maricopa	None		Street	Local	2017	-	-	2,200,000	2,200,000
Gilbert	Highway	2018	--	--	Germann Rd: Gilbert Rd to Val Vista Dr	Construct Roadway Widening	2.0	2	6		Maricopa	ALCP		Street						
Gilbert	Highway	2018	--	--	Baseline Rd: Burk to Consolidated Canal	Add 1 lane in each direction	0.5	4	6		Maricopa	None		Street	Local	2018	-	-	2,864,000	2,864,000
Gilbert	Highway	2018	GLB02-808	4129	Recker Rd: Elliot Rd to Warner Rd	Reconstruct roadway to add 1 through lane in each direction	-	2	4		Maricopa	None		Street	Private	2018	-	-	4,000,000	4,000,000
Gilbert	Highway	2018	GLB04-105	7608	Pecos Rd: Gilbert Rd to Lindsay Rd	Reconstruct roadway to add 1 through lane in each direction	1.0	2	4		Maricopa	None		Street	Private	2018	-	-	4,000,000	4,000,000
Gilbert	Highway	2018	GLB08-714	14677	Warner Rd: Higley Rd to Recker Rd	Add 2 lanes in each direction	1.0	2	6		Maricopa	None		Street	Private	2018	-	-	3,000,000	3,000,000
Gilbert	Highway	2018	GLB09-719	11047	Lindsay Rd: Germann Rd to Queen Creek Rd	Add 1 lane in each direction	1.0	2	4		Maricopa	None		Street	Private	2018	-	-	4,000,000	4,000,000
Gilbert	Highway	2018	GLB10-726	48998	Recker Rd: Ray Rd to Warner Rd	Add 1 lane in each direction	-	2	4		Maricopa	None		Street	Local	2018	-	-	2,579,000	2,579,000
Gilbert	Highway	2018	GLB12-807	2950	Lindsay Rd: Queen Creek Rd to Ocotillo Rd	Add 1 lane in each direction	1.0	2	4		Maricopa	None		Street	Local	2018	-	-	2,446,000	2,446,000
Gilbert	Highway	2018	GLB12-808	35777	Ocotillo Rd: 148th St to Greenfield Rd	Reconstruct roadway to add one lane in each direction	1.0	2	4		Maricopa	None		Street	Local	2018	-	-	10,755,000	10,755,000
Gilbert	Highway	2019	--	--	Elliot Rd at Cooper Rd: Intersection Improvements	Construct Intersection Improvement	0.5	4	6		Maricopa	ALCP		Street						
Gilbert	Highway	2019	--	--	Elliot Rd at Gilbert Rd: Intersection Improvements	Construct Intersection Improvement	0.5	4	6		Maricopa	ALCP		Street						
Gilbert	Highway	2019	GLB12-810	43657	Val Vista Dr: Ocotillo Rd to Chandler Heights Rd	Add 2 lanes in each direction	1.0	2	6		Maricopa	None		Street	Local	2019	-	-	5,000,000	5,000,000
Gilbert	Highway	2019	GLB19-740	25086	Western Powerline Trail over Union Pacific Railroad	Construct grade separated bike/ped bridge	-	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2019	2,829,943	-	171,057	3,001,000
Gilbert	Highway	2019	GLB19-740	25086	Western Powerline Trail over Union Pacific Railroad	Construct grade separated bike/ped bridge	-	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2019	2,829,943	-	171,057	3,001,000
Gilbert	Highway	2020	--	--	Elliot Rd at Val Vista Dr: Intersection Improvements	Construct Intersection Improvement	0.5	4	6		Maricopa	ALCP		Street						
Gilbert	Highway	2020	GLB09-724	14165	Val Vista Dr: Appleby Road to Riggs	Add 2 lanes in each direction	2.5	2	6		Maricopa	None		Street	Local	2020	-	-	2,000,000	2,000,000
Glendale	Highway	2017	GLN16-401	22016	Various Locations	Fiber Installation and ITS Components	-	-	-	GLN-0(247)T	Maricopa	None	SZ141 01C/0	ITS	CMAQ	2017	904,728	-	54,687	959,415
Glendale	Highway	2017	GLN16-402	30196	Citywide	Data Collection Station Installation and Database Development	-	-	-	GLN-0(249)T	Maricopa	None	SZ143 01C/0	ITS	CMAQ	2017	555,470	-	33,576	589,046
Glendale	Highway	2017	GLN16-403	5347	55th Avenue Widening for Bike Lanes and Sidewalk	Widen roadway to add sidewalk, curb and gutter and bicycle lanes	0.1	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2017	159,266	-	245,337	404,603
Glendale	Highway	2017	GLN17-401	24235	Maryland Ave, 95th Ave to 99th Ave	Lane Control Signs and Dynamic Message Signs	-	-	-	GLN-0(248)T	Maricopa	None	SZ142 01C/0	ITS	CMAQ	2017	1,222,193	-	73,876	1,296,069
Glendale	Highway	2017	GLN17-402	46208	59th Avenue and Olive	Construct Intersection Safety Improvements	-	-	-		Maricopa	None		Safety	HSIP-MAG	2017	1,395,146	-	1,498,166	2,893,312
Glendale	Highway	2017	GLN17-403	45468	65TH Ave and Bethany Home Rd.	Construct HAWK related improvements -accessible ramps, countdown pedestrian signals, street lighting, and striping.	0.1	4	4		Maricopa	None		Bike/Ped	TAP-MAG	2017	278,110	-	22,810	300,920
Glendale	Highway	2017	GLN17-470	14192	Citywide	Glendale Schools Support Activity Project	-	-	-	----	Maricopa	None	----	Safety	TAP-MAG	2017	43,811	-	2,648	46,459
Glendale	Highway	2018	GLN16-404	35999	Thunderbird Paseo Pathway at Sweetwater Ave, Thunderbird Paseo Pathway at Hearn Rd, Thunderbird Paseo Pathway at 71st Ave, Sk	Construct multiple access points to pathways	-	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2018	107,832	-	234,456	342,288
Glendale	Highway	2018	GLN16-405	26638	New River North Shared Use Pathway, Patrick Ln to Hillcrest Blvd	Construct multiuse path and cannal crossing	0.3	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2018	330,850	-	181,531	512,381
Glendale	Highway	2018	GLN18-401	15526	Citywide	Construct Flashing Yellow Arrows with Geometric Modifications at 12 Arterial-Arterial Intersections	-	-	-	----	Maricopa	None	T003101C	Safety	HSIP-MAG	2018	702,776	-	8,131	710,907
Glendale	Highway	2018	GLN18-442	44632	Camelback Road, 79th Avenue to 83rd Avenue	Construct Sidewalk Improvements	0.5	4	4		Maricopa	None	----	Bike/Ped	CMAQ	2018	257,156	-	42,844	300,000
Glendale	Highway	2018	GLN18-460	5164	Glendale (Citywide)	Install EVP system citywide at 48 intersections	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2018	399,832	-	311,416	711,248
Glendale	Highway	2019	GLN19-741	19624	Paradise Lane, 55th Avenue to 59th Avenue	Construct Sidewalk Improvements	0.5	2	2		Maricopa	None	----	Bike/Ped	CMAQ	2019	223,402	-	46,698	270,100
Glendale	Highway	2019	GLN19-741	19624	Paradise Lane, 55th Avenue to 59th Avenue	Construct Sidewalk Improvements	0.5	2	2		Maricopa	None	----	Bike/Ped	CMAQ	2019	223,402	-	46,698	270,100
Glendale	Highway	2019	GLN19-760	32449	Camelback Rd: 51st Ave to 91st Ave	Install fiber, communication, and CCTV	5.0	4	4		Maricopa	None	----	ITS	CMAQ	2019	800,000	-	48,358	848,358

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Glendale	Highway	2019	GLN19-760	32449	Camelback Rd: 51st Ave to 91st Ave	Install fiber, communication, and CCTV	5.0	4	4	----	Maricopa	None	----	ITS	CMAQ	2019	800,000	-	48,358	848,358
Glendale	Highway	2020	GLN20-740	38127	67th Avenue, Glendale Avenue to Orangewood Ave and Orangewood Avenue, 67th Avenue to US 60 (Grand Ave)	Construct Half Street Improvements and Sidewalk	1.0	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2020	1,097,275	-	147,025	1,244,300
Glendale	Highway	2020	GLN20-740	38127	67th Avenue, Glendale Avenue to Orangewood Ave and Orangewood Avenue, 67th Avenue to US 60 (Grand Ave)	Construct Half Street Improvements and Sidewalk	1.0	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2020	1,097,275	-	147,025	1,244,300
Goodyear	Highway	2017	GDY17-401	10796	Indian School Road - SR303 to Sarival	Construct New Roadway	1.0	2	4	----	Maricopa	None	----	Street	Local	2017	-	-	1,127,295	1,127,295
Goodyear	Highway	2017	GDY17-402	49879	Various locations	Fiber Installation and Signal Communications Hardware	-	-	-	GDY-0(210)T	Maricopa	None	SZ120 01C/0	ITS	CMAQ	2017	820,001	-	49,566	869,567
Goodyear	Highway	2018	GDY11-104	30048	SR303/Interstate 10 Traffic Interchange	Install eight traffic signals at four traffic interchanges	-	-	-	----	Maricopa	None	----	Safety	Local	2018	-	-	4,013,000	4,013,000
Goodyear	Highway	2018	GDY18-460	26912	Elwood St: Cotton Ln to Estrella Pkwy, Cotton Ln: Estrella Pkwy to Elwood St, Estrella Pkwy: Elliot Rd to Cotton Ln, Elliot Rd: San Gabriel Dr to Estrella Pkwy	Install fiber along Elwood St, CCTV, connect two signals to TMC	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2018	348,661	-	41,235	389,896
Goodyear	Highway	2018	GDY97-002	27542	Elwood St: 159th Ave to Cotton Lane	Construct new 2 lane roadway, curb, gutter, sidewalk and landscape	1.0	-	2	----	Maricopa	None	----	Street	Private	2018	-	-	400,000	400,000
Goodyear	Highway	2019	GDY07-304C	29794	Yuma Rd at Bullard Wash	Construct bridge and approaches	0.1	2	2	----	Maricopa	None	SS544 03D/0	Street	Local	2019	-	-	5,700,000	5,700,000
Goodyear	Highway	2019	GDY12-903	5855	Yuma Road: Sarival to 167th Avenue	Street Improvement - 3 eastbound lanes, curb gutter, sidewalk, street lights, relocate power poles, add second lane westbound to 165th avenue	0.5	2	6	----	Maricopa	None	----	Street	Local	2019	-	-	2,400,000	2,400,000
Goodyear	Highway	2019	GDY12-905	2534	Sarival: Harrison to Yuma	Street Improvement - Add second south bound lane and relocate power poles	0.5	2	3	----	Maricopa	None	----	Street	Local	2019	-	-	600,000	600,000
Goodyear	Highway	2020	GDY12-907	26179	Sarival: MC85 to Eddie Albert	Street Improvement - Add two north bound and one south bound lanes	0.3	2	5	----	Maricopa	None	----	Street	Local	2020	-	-	900,000	900,000
Goodyear	Highway	2020	GDY12-908	45129	Sarival: Mesquite to Harrison	Street Improvement - Add second south bound lane and relocate power poles	1.0	2	3	----	Maricopa	None	----	Street	Local	2020	-	-	300,000	300,000
Goodyear	Highway	2020	GDY13-106	42310	Yuma Road: Estrella Parkway to Litchfield Road	Construct six lanes with landscaped median	2.0	2	6	----	Maricopa	None	----	Street	Local	2020	-	-	12,000,000	12,000,000
Litchfield Park	Highway	2017	LPK17-401	22608	Old Litchfield Road, Bird Ln to Fairway Dr	Construct sidewalk and related ADA upgrades with landscaping.	0.5	-	-	LPK-Q(204)T	Maricopa	None	T0004	Bike/Ped	CMAQ	2017	213,911	-	30,430	244,341
MAG	Highway	2017	MAG17-431	23273	Regionwide	Purchase PM-10 Certified Street Sweepers	-	-	-	----	Maricopa	None	----	Air Quality	CMAQ	2017	1,725,058	-	104,272	1,829,330
MAG	Highway	2017	MAG17-432	23273	Regionwide	Regional Rideshare and Telework Program	-	-	-	----	Maricopa	None	----	Air Quality	CMAQ	2017	650,000	-	-	650,000
MAG	Highway	2017	MAG17-433	23273	Regionwide	Travel Reduction Program	-	-	-	----	Maricopa	None	----	Air Quality	CMAQ	2017	135,000	-	-	135,000
MAG	Highway	2017	MAG17-434	23273	Regionwide	Trip Reduction Program	-	-	-	----	Maricopa	None	----	Air Quality	CMAQ	2017	962,347	-	-	962,347
MAG	Highway	2017	MAG17-435	23273	Regionwide	Transportation planning and air quality studies and support	-	-	-	----	Maricopa	None	----	Air Quality	STP-MAG	2017	6,000,000	-	362,672	6,362,672
MAG	Highway	2017	MAG17-480	5339	Regionwide	FHWA Funding: Flex to Transit. Annual Amount Placeholder. See Program of Projects for Detail when developed.	-	-	-	----	Maricopa	None	----	Other	CMAQ	2017	16,404,489	991,576	-	17,396,065
MAG	Highway	2018	MAG18-430	25317	Regionwide	MAG Air Quality & Travel Demand Management Programs	-	-	-	----	Maricopa	None	----	Air Quality	CMAQ	2018	6,667,174	-	-	6,667,174
MAG	Highway	2018	MAG18-435	23273	Regionwide	Transportation planning and air quality studies and support	-	-	-	----	Maricopa	None	----	Air Quality	STP-MAG	2018	6,300,000	-	380,806	6,680,806
MAG	Highway	2018	MAG18-480	5339	Regionwide	FHWA Funding: Flex to Transit. Annual Amount Placeholder. See Program of Projects for Detail when developed.	-	-	-	----	Maricopa	None	----	Other	CMAQ	2018	16,404,489	991,576	-	17,396,065
Maricopa	Highway	2017	MAR17-401	566	MCG Highway: White and Parker to East City Limits	Construct Roadway Widening	1.0	2	4	----	Pinal	None	----	Street	Local	2017	-	-	12,652,250	12,652,250
Maricopa	Highway	2017	MAR17-402	48986	Bolwin Road: Hartman Rd to Murphy Rd	Design Roadway Paving	1.0	2	2	----	Pinal	None	----	Street	Local	2017	-	-	250,000	250,000
Maricopa	Highway	2017	MAR17-403	21288	Hartman Road: Honeycutt Rd to Bowlin Rd	Design Roadway Improvements	1.0	2	3	----	Pinal	None	----	Street	Local	2017	-	-	250,000	250,000
Maricopa	Highway	2018	MAR14-406	5965	White and Parker Rd: South of Honeycutt to Cowpath Rd	Design Roadway Widening	1.0	2	4	----	Pinal	None	----	Street	Local	2018	-	-	500,000	500,000
Maricopa	Highway	2018	MAR15-402	15724	MCG Highway: Porter Road to White and Parker	Construct Roadway Widening (Balance of CAG Awarded Funding)	1.0	2	4	----	Pinal	None	----	Street	STP-MAG	2018	28,000	-	1,700	29,700
Maricopa	Highway	2018	MAR15-402C	15724	MCG Highway: Porter Road to White and Parker	Construct Roadway Widening (MAG Awarded Pinal County STP Funding)	1.0	2	4	----	Pinal	None	----	Street	STP-MAG	2018	2,000,000	-	792,613	2,792,613
Maricopa	Highway	2018	MAR18-401	48986	Bolwin Road: Hartman Rd to Murphy Rd	Construct Roadway Paving	1.0	2	2	----	Pinal	None	----	Street	Local	2018	-	-	2,500,000	2,500,000
Maricopa	Highway	2018	MAR18-402	21288	Hartman Road: Honeycutt Rd to Bowlin Rd	Construct Roadway Improvements	1.0	2	3	----	Pinal	None	----	Street	Local	2018	-	-	2,500,000	2,500,000

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Maricopa	Highway	2019	MAR15-403	5965	White and Parker Rd: South of Honeycutt to Cowpath Rd	Construct Roadway Widening	1.0	2	4	----	Pinal	None	----	Street	Local	2019	-	-	2,000,000	2,000,000
Maricopa (C)	Highway	2018	MAR15-402C	15724	MCG Highway: Porter Road to White and Parker	Construct Roadway Widening (Special Projects Fund)	1.0	2	4	----	Pinal	None	----	Street	STP-MAG	2018	510,500	-	30,857	541,357
Maricopa (C)	Highway	2018	MAR18-404C	23488	Farrell Rd, 1.4 mi West of Hartman Rd to Maricopa-Casa Grande Hwy	Pave unpaved road	1.5	2	2	----	Pinal	None	----	Air Quality	CMAQ-2.5	2018	679,381	-	41,065	720,446
Maricopa (C)	Highway	2018	MAR18-405C	14945	Farrell Rd, Hartman Rd to 1.4 mi West	Pave unpaved road	1.4	2	2	----	Pinal	None	----	Air Quality	CMAQ-2.5	2018	679,381	-	41,065	720,446
Maricopa (C)	Highway	2018	MAR18-406C	1818	Porter Rd, Farrell Rd to 1.9 mi South	Pave unpaved road	1.9	2	2	----	Pinal	None	----	Air Quality	CMAQ	2018	707,896	-	42,789	750,685
Maricopa (C)	Highway	2019	MAR19-760	20950	Maricopa (Citywide)	Install conduit & fiber, CCTV cameras, & wireless comm. and interconnect 6 signals	-	-	-	----	Pinal	None	----	ITS	CMAQ	2019	400,000	-	75,920	475,920
Maricopa (C)	Highway	2019	MAR19-760	20950	Maricopa (Citywide)	Install conduit & fiber, CCTV cameras, & wireless comm. and interconnect 6 signals	-	-	-	----	Pinal	None	----	ITS	CMAQ	2019	400,000	-	75,920	475,920
Maricopa Co	Highway	2016	MMA17-401	43587	Various	Fiber Installation and ITS Software Upgrade	-	-	-	MMA-0(255)C	Maricopa	None	SZ167 01C/0	ITS	CMAQ	2017	429,988	-	105,132	535,120
Maricopa Co	Highway	2016	MMA17-402	19026	Riggs Rd, Sun Lakes Blvd to Arizona Ave and Alma School Rd, Chandler Heights Blvd to Riggs Rd.	Regional Community Network New Connections	-	-	-	MMA-0(256)C	Maricopa	None	SZ168 01C/0	ITS	CMAQ	2017	734,295	-	44,385	778,680
Maricopa Co	Highway	2017	MMA14-401	41325	Riggs Rd, Hawes Rd to Ellsworth Rd	Construct roadway widening	1.0	2	4	----	Maricopa	None	----	Street	Local	2017	-	-	3,100,000	3,100,000
Maricopa Co	Highway	2017	MMA15-401	44107	Riggs Rd, Power Rd to Hawes Rd	Construct roadway widening	2.0	2	4	----	Maricopa	None	----	Street	Local	2017	-	-	9,900,000	9,900,000
Maricopa Co	Highway	2017	MMA15-402	36775	MC 85 at 83rd Ave	Construct roadway and drainage improvements at intersection	-	4	4	----	Maricopa	None	----	Street Interse	Local	2017	-	-	16,500,000	16,500,000
Maricopa Co	Highway	2017	MMA15-434C	15820	New River Area	Pave seven various dirt roads (Phase 2)	4.4	2	2	MMA-0(252)C	Maricopa	None	SZ125 01C/0	Air Quality	CMAQ	2017	1,001,955	-	60,564	1,062,519
Maricopa Co	Highway	2017	MMA16-401	3513	McLellan from 103rd Street to Signal Butte Road and 104th Street from beginning of maintenance to McLellan Road	Pave dirt road	0.8	2	2	MMA-0(251)C	Maricopa	None	SZ124 01C/0	Air Quality	CMAQ	2017	452,640	-	27,360	480,000
Maricopa Co	Highway	2017	MMA17-403	21453	10th Street, Dove Valley Road to Paint Your Wagon Trail and Dove Valley Road, 12th Street to 14th Street	Pave dirt road	0.7	2	2	MMA-0(253)C	Maricopa	None	SZ126 01C/0	Air Quality	CMAQ	2017	1,112,740	-	67,260	1,180,000
Maricopa Co	Highway	2017	MMA17-404	25813	31st Avenue from Olney Avenue to McNeil Street; Olney Avenue from Beginning of Maintenance to 31st Avenue; 44th Avenue from End of Maintenance to Calle Poco; 45th Avenue from Estrella Drive to Gumina Avenue	Pave dirt road	0.7	2	2	MMA-0(254)C	Maricopa	None	SZ127 01C/0	Air Quality	CMAQ	2017	792,120	-	47,880	840,000
Maricopa Co	Highway	2017	MMA17-470	19273	Moon Mountain, Nevitt and C.O. Greenfield Elementary Schools	Safe Routes to School Support Activity Project	-	-	-	----	Maricopa	None	----	Safety	TAP-MAG	2017	47,146	-	2,850	49,996
Maricopa Co	Highway	2017	DNC13-903RV	36818	Riggs Rd, Ellsworth Rd to Meridian Rd	Acquire right of way for roadway widening	3.0	-	6	----	Maricopa	None	----	Street	Local	2017	-	-	2,075,000	2,075,000
Maricopa Co	Highway	2018	--	--	Northern Parkway: El Mirage Alternative Access	Construct Roadway Widening	1.5	2	4	----	Maricopa	ALCP	----	Street						
Maricopa Co	Highway	2018	--	--	El Mirage Rd: Northern Ave to Peoria Ave	Construct Roadway Widening	2.0	2	6	----	Maricopa	ALCP	----	Street						
Maricopa Co	Highway	2018	MMA18-460	9968	MCDOT TMC	Upgrade TMC workstations, video wall display, network equipment, and system	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2018	299,874	-	108,126	408,000
Maricopa Co	Highway	2019	--	--	Northern Parkway: Dysart to 111th	Construct Roadway Widening	2.5	2	4	----	Maricopa	ALCP	----	Street						
Maricopa Co	Highway	2019	--	--	Northern Parkway: Dysart Overpass	Construct Roadway Widening	0.1	4	4	----	Maricopa	ALCP	----	Street						
Maricopa Co	Highway	2019	MMA11-719	27564	Deer Valley Rd: El Mirage Rd to Lake Pleasant Rd	Construct new bridge and road across the Agua Fria River	2.4	-	4	----	Maricopa	None	----	Street	Local	2019	-	-	25,000,000	25,000,000
Maricopa Co	Highway	2019	MMA19-701C	8496	Miller Rd, Tonopah-Salome Highway to Van Buren Street.	Pave unpaved road	1.0	2	2	----	Maricopa	None	----	Air Quality	CMAQ	2019	979,331	-	59,196	1,038,527
Maricopa Co	Highway	2019	MMA19-701C	8496	Miller Rd, Tonopah-Salome Highway to Van Buren Street.	Pave unpaved road	1.0	2	2	----	Maricopa	None	----	Air Quality	CMAQ	2019	979,331	-	59,196	1,038,527
Maricopa Co	Highway	2019	MMA19-760	33915	MCDOT TMC	Upgrade RADS server and hardware and provide system integration	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2019	122,590	-	37,410	160,000
Maricopa Co	Highway	2019	MMA19-760	33915	MCDOT TMC	Upgrade RADS server and hardware and provide system integration	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2019	122,590	-	37,410	160,000
Maricopa Co	Highway	2020	--	--	Gilbert Rd: Bridge over Salt River	Construct Bridge and Roadway	1.6	4	4	----	Maricopa	ALCP	----	Street						
Maricopa Co	Highway	2020	--	--	McKellips Rd: Loop 101 to SRP-MIC/Alma School Rd	Construct Roadway Widening	2.0	4	4	----	Maricopa	ALCP	----	Street						
Maricopa Co	Highway	2020	--	--	Northern Parkway: Northern Ave at Loop 101	Construct Roadway Widening	0.5	4	6	----	Maricopa	ALCP	----	Street						
Maricopa Co	Highway	2021	--	--	Northern Parkway: El Mirage Overpass	Construct Roadway Widening	0.1	2	4	----	Maricopa	ALCP	----	Street						

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Maricopa Co	Highway	2021	--	--	Northern Parkway: Agua Fria to 111th	Construct Roadway Widening	1.0	2	4		Maricopa	ALCP		Street						
Mesa	Highway	2017	--	--	Mesa Dr: 8th Avenue to Main Street	Construct Roadway Widening	1.0	4	4		Maricopa	ALCP		Street						
Mesa	Highway	2017	--	--	University Dr: Sossaman to 88th St	Construct Roadway Widening	1.5	5	6		Maricopa	ALCP		Street						
Mesa	Highway	2017	--	--	Baseline Rd: 24th St to Consolidated Canal	Construct Roadway Widening	1.0	4	6		Maricopa	ALCP		Street						
Mesa	Highway	2017	MES08-802	24488	Elliot Rd: Signal Butte Rd to Mountain Rd	Widen roadway to add 1 through lane in each direction and a center turn lane	0.5	4	6		Maricopa	None		Street	Private	2017	-	-	2,000,000	2,000,000
Mesa	Highway	2017	MES08-803	11952	Ellsworth Rd at Pecos Rd	Widen intersection along all four legs to add 2 through lanes in each direction and center turn lanes	0.3	2	6		Maricopa	None		Street	Private	2017	-	-	3,200,000	3,200,000
Mesa	Highway	2017	MES17-402	3936	Spine East Road (replacement for Crismon Road), Ray Rd to Warner Rd	Eastmark Pkw-North Phase: 1/4 east of Ray to Warner, Construct four lanes.	1.0	-	4		Maricopa	None		Street	Private	2017	-	-	2,000,000	2,000,000
Mesa	Highway	2018	--	--	Southern Avenue: Greenfield Rd to Higley Rd	Construct Roadway Widening	1.5	4	4		Maricopa	ALCP		Street						
Mesa	Highway	2018	--	--	Val Vista Dr: Baseline Rd to US-60	Construct Roadway Widening	1.0	5	6		Maricopa	ALCP		Street						
Mesa	Highway	2018	MES08-801	30478	Elliot Rd: Hawes Rd to Loop 202 (Santan Fwy)	Widen roadway to add 2 through lanes in each direction and a center turn lane	0.3	2	6		Maricopa	None		Street	Private	2018	-	-	2,800,000	2,800,000
Mesa	Highway	2018	MES18-401	47799	Signal Butte Rd: Elliot Rd to Ray Rd	Ph2: Construct full 1/2 street; west half of Signal Butte: Point 22 Blv (Warner) to Rueben; 2/3 mile	2.0	2	6		Maricopa	None		Street	Private	2018	-	-	1,330,000	1,330,000
Mesa	Highway	2018	MES18-460	8337	Mesa (Citywide)	Install cabinets & controllers at 50 locations and establish communications	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2018	780,000	-	121,000	901,000
Mesa	Highway	2019	--	--	Southern Ave: Gilbert Rd to Val Vista Dr	Construct Roadway Widening	2.5	4	4		Maricopa	ALCP		Street						
Mesa	Highway	2019	MES08-804	36561	Ellsworth Rd: McKellips Rd to McLellan Rd	Widen roadway to add 1 through lane in each direction and a center turn lane	0.5	2	4		Maricopa	None		Street	Private	2019	-	-	2,000,000	2,000,000
Mesa	Highway	2019	MES08-805	9857	Hawes Rd: Elliot Rd to Paloma Ave alignment	Widen roadway to add 2 through lanes in each direction and a center turn lane	-	2	6		Maricopa	None		Street	Private	2019	-	-	2,800,000	2,800,000
Mesa	Highway	2019	MES19-740	4347	South Canal Shared Use Path: Consolidated Canal Shared Use Path to McDowell Road	Construct Multiuse Path	3.5	-	-	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2019	2,003,013	-	138,051	2,141,064
Mesa	Highway	2019	MES19-740	4347	South Canal Shared Use Path: Consolidated Canal Shared Use Path to McDowell Road	Construct Multiuse Path	3.5	-	-	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2019	2,003,013	-	138,051	2,141,064
Mesa	Highway	2019	MES19-741	21402	South Canal: Consolidated Canal Shared Use Path to McDowell Road (Phase 2)	Construction of Multiuse Path	3.5	-	-	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2019	2,032,624	-	139,840	2,172,464
Mesa	Highway	2019	MES19-741	21402	South Canal: Consolidated Canal Shared Use Path to McDowell Road (Phase 2)	Construction of Multiuse Path	3.5	-	-	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2019	2,032,624	-	139,840	2,172,464
Mesa	Highway	2020	--	--	Elliot Rd: Power Rd to Ellsworth Rd	Construct Roadway Widening	3.0	2	6		Maricopa	ALCP		Street						
Mesa	Highway	2020	--	--	Elliot Rd: Ellsworth Rd to Meridian	Construct Roadway Widening	3.0	2	6		Maricopa	ALCP		Street						
Mesa	Highway	2020	--	--	Val Vista Dr: US-60 to Pueblo	Construct Roadway Widening	1.5	5	6		Maricopa	ALCP		Street						
Mesa	Highway	2020	MES17-401	24534	McKellips Rd: Hawes Rd to Ellsworth Rd	McKellips: 88th St to Ellsworth: Widen roadway to add 1 through lane in each direction and a center turn lane	1.0	2	4		Maricopa	None		Street	Private	2020	-	-	1,200,000	1,200,000
Mesa	Highway	2021	--	--	Southern at Country Club Dr: Intersection Improvements	Construct Intersection Improvement	0.5	4	6		Maricopa	ALCP		Street						
Mesa	Highway	2021	--	--	Southern Ave at Stapley Dr: Intersection Improvements	Construct Intersection Improvement	0.5	4	6		Maricopa	ALCP		Street						
Mesa	Highway	2021	--	--	Stapley Dr at University Dr: Intersection Improvements	Construct Intersection Improvement	0.5	4	6		Maricopa	ALCP		Street						
Paradise Vall	Highway	2019	PVY19-740	1094	Lincoln Drive: 660 feet west of Scottsdale Road to 32nd Street	Construct 6' colored concrete sidewalk	2.0	4	4		Maricopa	None	----	Bike/Ped	CMAQ	2019	1,958,977	-	118,411	2,077,388
Paradise Vall	Highway	2019	PVY19-740	1094	Lincoln Drive: 660 feet west of Scottsdale Road to 32nd Street	Construct 6' colored concrete sidewalk	2.0	4	4		Maricopa	None	----	Bike/Ped	CMAQ	2019	1,958,977	-	118,411	2,077,388
Peoria	Highway	2017	--	--	Happy Valley Pkwy; LPP to 303	Design Bridge Widening	0.5	4	6		Maricopa	None		Bridge	Local	2017	-	-	1,200,000	1,200,000
Peoria	Highway	2017	--	--	Peoria Ave and Grand Ave	Design and Land for facility	-	-	-		Maricopa	None		Transit Other	Local	2017	-	-	2,515,082	2,515,082
Peoria	Highway	2017	--	--	83rd Av; Nothern Av to Arrowhead Mall	Construction of Bus pullouts & shelters	6.2	-	-		Maricopa	None		Transit Other	Local	2017	-	-	750,000	750,000
Peoria	Highway	2017	--	--	Construct shade structures	Construct shade structures	7.0	-	-		Maricopa	None		Transit Other	Local	2017	-	-	100,000	100,000
Peoria	Highway	2017	--	--	Happy Valley Rd - 107 to L303	bridge widening design	-	-	-		Maricopa	None		STP-MAG	2017	1,500,000	-	1,200,000	2,700,000	

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Agency	Section	Work Year	TIP ID/2	MAG ID/2	Location	Work	Miles	Lanes Before	Lanes After	ALI/Fed Id	AQ Area	In Program/3	TRACS/Grant ID	MAG Mode	Funding/4	Apportionment Year	Federal	Regional	Local	Total	
Peoria	Highway	2017	PEO15-104	26578	Intersection of Cactus Rd and 75th Avenue	Construct/add dual left turn lanes and right turn lanes on all approaches, raised median, and upgrade bike/pedestrian facilities at	0.1	4	4	IP-PEO-0(215	Maricopa	None	SH535 01C	Safety	HSIP-AZ	2017	3,012,544	-	1,548,633	4,561,177	
Peoria	Highway	2017	PEO15-105	44015	Peoria Ave and 75th Ave	Construct/add dual left turn lanes and right turn lanes on all approaches, raised median, and upgrade bike/pedestrian facilities at	0.1	4	4	IP-PEO-0(216	Maricopa	None	SH536 01C	Street Intersect	HSIP-AZ	2017	3,510,200	-	667,600	4,177,800	
Peoria	Highway	2017	PEO17-401	7451	City of Peoria, DCSB Building, TMC 9875 N. 85th Avenue	TMC Equipment Upgrade	-	-	-		Maricopa	None		ITS	CMAQ	2017	482,345	-	29,156	511,501	
Peoria	Highway	2018	--	--	Happy Valley Pkwy; LPP to 303	Bridge Widening ROW	0.5	4	6		Maricopa	None		Bridge	Local	2018	-	-	5,000,000	5,000,000	
Peoria	Highway	2018	--	--	Peoria Ave and Grand Ave	Construction of Facility	-	-	-		Maricopa	None		Transit Other	Local	2018	-	-	1,559,505	1,559,505	
Peoria	Highway	2018	PEO18-440	44603	83rd Avenue: Happy Valley Road to Jomax Road	Widen roadway and construct sidewalk and bike lanes	1.2	2	2		Maricopa	None		Bike/Ped	CMAQ	2018	614,836	-	59,164	674,000	
Peoria	Highway	2019	--	--	Happy Valley Rd Bridge	Construct Bridge and Roadway	0.3	4	4		Maricopa	ALCP		Street							
Peoria	Highway	2019	--	--	Happy Valley Pkwy; LPP to 303	bridge Construction	0.5	4	6		Maricopa	None		Bridge	Local	2019	-	-	15,000,000	15,000,000	
Peoria	Highway	2019	PEO19-760	20004	Peoria (Citywide)	Install 72 flashing yellow arrow signal heads & cabinet and controllers at 12 locations	-	-	-		Maricopa	None		ITS	CMAQ	2019	358,340	-	21,660	380,000	
Peoria	Highway	2019	PEO19-760	20004	Peoria (Citywide)	Install 72 flashing yellow arrow signal heads & cabinet and controllers at 12 locations	-	-	-		Maricopa	None		ITS	CMAQ	2019	358,340	-	21,660	380,000	
Peoria	Highway	2020	--	--	Dixileta Rd; Vistancia Blvd to 135th	Construct Roadway	0.8	-	4		Maricopa	None		Street	Private	2020	-	-	6,880,000	6,880,000	
Peoria	Highway	2020	PEO19-740	31628	New River Multi-use Path, Happy Valley Road to Pinnacle Peak Road	Construction of Multi-use Path	1.0	-	-		Maricopa	None		Bike/Ped	CMAQ	2020	539,622	-	44,618	584,240	
Peoria	Highway	2020	PEO19-740	31628	New River Multi-use Path, Happy Valley Road to Pinnacle Peak Road	Construction of Multi-use Path	1.0	-	-		Maricopa	None		Bike/Ped	CMAQ	2020	539,622	-	44,618	584,240	
Peoria	Highway	2021	--	--	Happy Valley Rd: Loop 303 to Lake Pleasant Parkway	Construct Roadway Widening	2.2	4	6		Maricopa	ALCP		Street							
Phoenix	Highway	2017	PHX14-187	15600	56th St: Deer Valley - Pinnacle Peak	Right-of-Way	1.0	2	4		Maricopa	None		Street	Local	2017	-	-	500,000	500,000	
Phoenix	Highway	2017	PHX14-190	16774	64th St: Utopia - Loop 101	Design	-	-	6		Maricopa	None		Street	Local	2017	-	-	500,000	500,000	
Phoenix	Highway	2017	PHX15-188	15600	56th St: Deer Valley - Pinnacle Peak	Construction	1.0	2	4		Maricopa	None		Street	Local	2017	-	-	4,800,000	4,800,000	
Phoenix	Highway	2017	PHX17-401	4579	Dove Valley Rd: I-17 Freeway to North Valley Pkwy	Construct Roadway and Bridge	0.3	-	6		Maricopa	None		Street	Local	2017	-	-	12,939,936	12,939,936	
Phoenix	Highway	2017	PHX17-404	28895	Dust Control	Construction	-	-	-		Maricopa	None		Air Quality	Local	2017	-	-	800,000	800,000	
Phoenix	Highway	2017	PHX17-406	33107	Various Locations	Pontis / Virtis Software for bridge inspections	-	-	-		Maricopa	None		Bridge	Local	2017	-	-	5,299	5,299	
Phoenix	Highway	2017	PHX17-407	33174	Various Locations	Equipment Rental for bridge inspections	-	-	-		Maricopa	None		Bridge	Local	2017	-	-	11,030	11,030	
Phoenix	Highway	2017	PHX17-408	46556	Various locations	Bridge inspection program	-	-	-		Maricopa	None		Bridge	Local	2017	-	-	500,000	500,000	
Phoenix	Highway	2017	PHX17-414	42805	3rd St: McDowell to Indian School	Design	2.0	4	4		Maricopa	None		Street	Local	2017	-	-	771,000	771,000	
Phoenix	Highway	2017	PHX17-416	25720	Downtown Phoenix	Downtown Traffic Management System Upgrade, and additional DMSs	-	-	-		Maricopa	None		ITS	CMAQ	2017	566,507	-	34,243	600,750	
Phoenix	Highway	2017	PHX17-417	23599	Various Locations: Quarter Sections 27-19, 27-20, 27-25, 28-19.	Pave dirt alleys	29.1	2	2		Maricopa	None		Air Quality	CMAQ	2017	1,289,909	-	340,000	1,629,909	
Phoenix	Highway	2017	PHX17-418	19845	107th Ave, Camelback Rd to Indian School Rd	Construct additional through lanes and pedestrian and bicycle improvements	1.0	2	4	PHX-0(301)T	Maricopa	None	SZ175 01D/0	Bike/Ped	CMAQ	2017	900,000	-	2,498,216	3,398,216	
Phoenix	Highway	2017	PHX17-420	19658	Sonoran Boulevard	Acquisition of right-of-way for roadway widening	8.0	2	2		Maricopa	None		Street	Local	2017	-	-	1,800,000	1,800,000	
Phoenix	Highway	2017	PHX17-421	37213	Eagle College Prep: South Mountain, Harmony, Mesa, Maryvale	Safe Routes to School Support Activity project: Eagles Quest for Safety Vest	-	-	-		Maricopa	None		Safety	TAP-MAG	2017	47,150	-	2,850	50,000	
Phoenix	Highway	2017	PHX17-471	13710	Creighton Elementary	Safe Routes to School Support Activity Project	-	-	-		Maricopa	None		Safety	TAP-MAG	2017	20,229	-	1,223	21,452	
Phoenix	Highway	2017	PHX17-472	9403	Vista del Sur	Safe Routes to School Support Activity Project	-	-	-		Maricopa	None		Safety	TAP-MAG	2017	19,332	-	1,169	20,501	
Phoenix	Highway	2018	PHX14-101	31449	Indian School Road: Grand Canal to 16th Street	Construct multi-use pathway; and multi-use bridge over the Grand Canal.	0.3	6	6		Maricopa	None	SZ045	Bike/Ped	CMAQ	2018	873,422	-	1,335,000	2,208,422	
Phoenix	Highway	2018	PHX15-191	16774	64th St: Utopia - Loop 101	Right-of-Way	-	-	6		Maricopa	None		Street	Local	2018	-	-	3,000,000	3,000,000	

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Agency	Section	Work Year	TIP ID/2	MAG ID/2	Location	Work	Miles	Lanes Before	Lanes After	ALI/Fed Id	AQ Area	In Program/3	TRACS/Grant ID	MAG Mode	Funding/4	Apportionment Year	Federal	Regional	Local	Total
Phoenix	Highway	2018	PHX16-413	29445	Shea blvd: 32nd St to SR51	Construct multiuse path	0.1	-	-	----	Maricopa	None	SZ138	Bike/Ped	CMAQ	2018	364,941	-	22,059	387,000
Phoenix	Highway	2018	PHX17-409	25574	27th Ave: Lower Buckeye - Buckeye	Construction	1.0	2	4	----	Maricopa	None		Street	Local	2018	-	-	6,600,000	6,600,000
Phoenix	Highway	2018	PHX18-401	4579	Dove Valley Rd: I-17 Freeway to North Valley Pkwy	Construct Roadway and Bridge	0.3	-	6	----	Maricopa	None		Street	Local	2018	-	-	3,664,892	3,664,892
Phoenix	Highway	2018	PHX18-404	28895	Dust Control	Construction	-	-	-	----	Maricopa	None		Air Quality	Local	2018	-	-	800,000	800,000
Phoenix	Highway	2018	PHX18-405	33107	Various Locations	Pontis / Virtis Software for bridge inspections	-	-	-	----	Maricopa	None		Bridge	Local	2018	-	-	5,299	5,299
Phoenix	Highway	2018	PHX18-406	33174	Various Locations	Equipment Rental for bridge inspections	-	-	-	----	Maricopa	None		Bridge	Local	2018	-	-	11,030	11,030
Phoenix	Highway	2018	PHX18-407	46556	Various locations	Bridge inspection program	-	-	-	----	Maricopa	None		Bridge	Local	2018	-	-	500,000	500,000
Phoenix	Highway	2018	PHX18-408	46784	Various locations	Bridge rehabilitation	-	-	-	----	Maricopa	None		Street	Local	2018	-	-	358,000	358,000
Phoenix	Highway	2018	PHX18-412	42805	3rd St: McDowell to Indian School	Construction	2.0	4	4	----	Maricopa	None		Street	Local	2018	-	-	1,732,354	1,732,354
Phoenix	Highway	2018	PHX18-413	37140	Grand Canal: I-17 to 15th Ave; 16th St. to 36th St., and 40th St. to Priest Dr. (Phase 2)	Construct shared use path along one side of Grand Canal; landscape/irrigation; lighting; signal crossings; site furnishings and public art features	8.0	-	-	----	Maricopa	None	----	Bike/Ped	TIGER	2018	10,330,000	-	5,437,740	15,767,740
Phoenix	Highway	2018	PHX18-416	25914	McDowell Rd at 41st Ave, 19th Ave at Pima St, Deer Valley Rd at 33rd Ave, Van Buren St at 36th St, McDowell Rd at 67th Ave, 15th Ave at Whitton Ave and Highland Ave, and Lower Buckeye Rd at 72nd Ave	Construct eight HAWK signals	-	-	-	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2018	1,770,011	-	153,989	1,924,000
Phoenix	Highway	2018	PHX18-417	32521	Phoenix (Citywide): Bikeshare	Bikeshare Equipment (Bikes, Racks, Kiosks, Map Signs)	-	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2018	918,426	-	55,515	973,941
Phoenix	Highway	2018	PHX18-450C	9077	Various alleys in Phoenix	Pave unpaved alley	23.9	2	2	----	Maricopa	None	----	Air Quality	CMAQ	2018	1,532,375	-	92,625	1,625,000
Phoenix	Highway	2019	--	--	Avenida Rio Salado Phase II: Avenida Rio Salado: 51st Ave to 35th Ave, 7th Ave, and 7th Street	Construct Roadway Widening	2.0	-	6	----	Maricopa	ALCP		Street						
Phoenix	Highway	2019	None	16774	64th St: Utopia - Loop 101	Construction	-	-	6	----	Maricopa	None		Street	Local	2019	-	-	3,550,000	3,550,000
Phoenix	Highway	2019	PHX12-924	18412	83rd Ave: Lower Buckeye - Buckeye	Design roadway	1.0	2	4	----	Maricopa	None		Street	Local	2019	-	-	500,000	500,000
Phoenix	Highway	2019	PHX19-741	42416	Maryvale Parkway at Glenrosa Avenue, 35th Avenue at Behrend Street, Van Buren St at 30th Street, and Buckeye Road at 16th Avenue	Construct four HAWK Signals	-	-	-	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2019	830,783	-	73,717	904,500
Phoenix	Highway	2019	PHX19-741	42416	Maryvale Parkway at Glenrosa Avenue, 35th Avenue at Behrend Street, Van Buren St at 30th Street, and Buckeye Road at 16th Avenue	Construct four HAWK Signals	-	-	-	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2019	830,783	-	73,717	904,500
Phoenix	Highway	2019	PHX19-743	43874	Roeser Road: 32nd Street to 550 Ft. East of 36th Street (@ the San Francisco Canal)	Construct pedestrian improvements on south side and stripe bicycle lanes on both sides.	0.7	2	2	----	Maricopa	None	----	Bike/Ped	CMAQ	2019	888,895	-	53,730	942,625
Phoenix	Highway	2019	PHX19-743	43874	Roeser Road: 32nd Street to 550 Ft. East of 36th Street (@ the San Francisco Canal)	Construct pedestrian improvements on south side and stripe bicycle lanes on both sides.	0.7	2	2	----	Maricopa	None	----	Bike/Ped	CMAQ	2019	888,895	-	53,730	942,625
Phoenix	Highway	2019	PHX19-760	29846	Phoenix (Citywide)	Central Core ARID - Phases 1 & 2	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2019	913,060	-	82,474	995,534
Phoenix	Highway	2019	PHX19-760	29846	Phoenix (Citywide)	Central Core ARID - Phases 1 & 2	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2019	913,060	-	82,474	995,534
Phoenix	Highway	2020	PHX16-403	18412	83rd Ave: Lower Buckeye - Buckeye	Acquire right-of-way	1.0	2	4	----	Maricopa	None		Street	Local	2020	-	-	1,400,000	1,400,000
Phoenix	Highway	2020	PHX16-410	5750	Camelback Rd: 44th St - 56th St	Design	1.0	4	4	----	Maricopa	None		Street	Local	2020	-	-	650,000	650,000
Phoenix	Highway	2020	PHX16-411	25433	Cave Creek Rd: Union Hills - Pima Fwy	Design	1.0	4	6	----	Maricopa	None		Street	Local	2020	-	-	350,000	350,000
Phoenix	Highway	2020	PHX17-412	5750	Camelback Rd: 44th St - 56th St	Right of Way	1.0	4	4	----	Maricopa	None		Street	Local	2020	-	-	2,000,000	2,000,000
Phoenix	Highway	2020	PHX17-413	25433	Cave Creek Rd: Union Hills - Pima Fwy	Right of Way	1.0	4	6	----	Maricopa	None		Street	Local	2020	-	-	1,500,000	1,500,000
Phoenix	Highway	2020	PHX18-410	5750	Camelback Rd: 44th St - 56th St	Construction	1.0	4	4	----	Maricopa	None		Street	Local	2020	-	-	4,000,000	4,000,000
Phoenix	Highway	2020	PHX20-740	7139	Area bounded by Peoria Avenue to the north, Mountain View Road to the south, 7th Avenue to the east and 15th Avenue to the west	Construct sidewalk, curb and gutter, ADA ramps and lighting	-	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2020	1,428,494	-	86,346	1,514,840
Phoenix	Highway	2020	PHX20-740	7139	Area bounded by Peoria Avenue to the north, Mountain View Road to the south, 7th Avenue to the east and 15th Avenue to the west	Construct sidewalk, curb and gutter, ADA ramps and lighting	-	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2020	1,428,494	-	86,346	1,514,840
Phoenix	Highway	2020	PHX20-741	38179	Osborn Rd at 13th Ave	Construct six HAWK signals and crossings	-	-	-	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2020	1,121,227	-	91,273	1,212,500
Phoenix	Highway	2020	PHX20-741	38179	Buckeye Rd at 16th Ave, Thomas Rd at Dayton St, 16th St north of Indian School Rd, 16th St at Palm Ln, Greenway Rd at 38th St, and Osborn Rd at 13th Ave	Construct six HAWK signals and crossings	-	-	-	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2020	1,121,227	-	91,273	1,212,500

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Agency	Section	Work Year	TIP ID/2	MAG ID/2	Location	Work	Miles	Lanes Before	Lanes After	ALI/Fed Id	AQ Area	In Program/3	TRACS/Grant ID	MAG Mode	Funding/4	Apportionment Year	Federal	Regional	Local	Total
Phoenix	Highway	2020	PHX20-742	32160	Phoenix (Citywide): Bikeshare	Bikeshare Equipment (Bikes, Racks, Kiosks, Map Signs)	-	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2020	918,426	-	55,515	973,941
Phoenix	Highway	2020	PHX20-742	32160	Phoenix (Citywide): Bikeshare	Bikeshare Equipment (Bikes, Racks, Kiosks, Map Signs)	-	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2020	918,426	-	55,515	973,941
Phoenix	Highway	2020	PHX20-744	38700	Van Buren St: 7th Street to 24th Street	Construct Bicycle Lanes and Pedestrian Improvements	2.0	4	2	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2020	2,310,350	-	139,650	2,450,000
Phoenix	Highway	2020	PHX20-744	38700	Van Buren St: 7th Street to 24th Street	Construct Bicycle Lanes and Pedestrian Improvements	2.0	4	2	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2020	2,310,350	-	139,650	2,450,000
Phoenix	Highway	2021	PHX11-848	13530	North Valley Pkwy: Lone Mountain Rd (Sonoran Blvd) - N of Dixileta Rd	Acquire right of way for new 6 lane roadway	1.0	4	6	----	Maricopa	None		Street	Local	2021	-	-	2,250,000	2,250,000
Phoenix	Highway	2021	PHX17-403	18412	83rd Ave: Lower Buckeye - Buckeye	Construct roadway	1.0	2	4	----	Maricopa	None		Street	Local	2021	-	-	2,500,000	2,500,000
Phoenix	Highway	2021	PHX18-411	25433	Cave Creek Rd: Union Hills - Pima Fwy	Construction	1.0	4	6	PPN-0(210T)	Maricopa	None		Street	Local	2021	-	-	3,000,000	3,000,000
Pinal County	Highway	2016	PNL15-409	49438	Barnes Rd: White & Parker Rd to Fuqua Rd; Fuqua Rd: Barnes Rd to Lealand Rd	Pave Unpaved Roadway.	2.5	2	2	PPN-0(211T)	Pinal	None	SZ146 01C/0	Air Quality	CMAQ-2.5	2017	1,568,714	-	588,716	2,157,430
Pinal County	Highway	2017	PNL15-410	44178	Midway Rd from Gila Bend Highway to Casa Grande City limits.	Pave Unpaved Roadway.	1.5	2	2	PPN-0(211T)	Pinal	None	SZ147 01C/0	Air Quality	CMAQ-2.5	2017	1,132,015	-	112,200	1,244,215
Pinal County	Highway	2017	PNL17-402	11388	Pinal County (Various)	Dust Mitigation	2.3	2	2		Pinal	None		Air Quality	Local	2017	-	-	365,000	365,000
Pinal County	Highway	2018	--	--	Pinal County (Various)	Dust Mitigation	3.2	2	2		Pinal	None		Local	2018	-	-	370,000	370,000	
Pinal County	Highway	2018	PNL18-401	18200	Germann Rd: Meridian Rd to Ironwood Rd	Construct New Roadway	1.0	-	2	----	Pinal	None		Street	Local	2018	-	-	1,500,000	1,500,000
Pinal County	Highway	2018	PNL18-404C	4151	Midway Rd, 0.5 mi South of SR 84 to Cornman Rd	Pave unpaved road	2.5	2	2	----	Pinal	None	----	Air Quality	CMAQ	2018	1,569,630	-	126,821	1,696,451
Pinal County	Highway	2019	--	--	Pinal County (Various)	Pave unpaved roads	0.6	2	2		Pinal	None		Local	2019	-	-	267,117	267,117	
Pinal County	Highway	2019	--	--	Pinal County (Various)	Dust Mitigation	3.6	2	2		Pinal	None		Local	2019	-	-	516,000	516,000	
Pinal County	Highway	2019	PNL19-401	20982	McCartney Rd: I-10 to Evans Rd	Construct Roadway Improvements	3.0	2	4	PPN-0(214T)	Pinal	None		Street	Local	2019	-	-	1,000,000	1,000,000
Pinal County	Highway	2019	PNL19-402	46602	Germann Road: Meridian Road to Ironwood Drive	Construct Roadway Widening and Improvements	1.2	-	4	PPN-0(214T)	Pinal	None	T005601C	Street	STP-MAG	2019	1,630,060	-	98,530	1,728,590
Pinal County	Highway	2019	PNL19-402	46602	Germann Road: Meridian Road to Ironwood Drive	Construct Roadway Widening and Improvements	1.2	-	4	PPN-0(214T)	Pinal	None	T005601C	Street	STP-MAG	2019	1,630,060	-	98,530	1,728,590
Pinal County	Highway	2019	PNL19-701C	42788	Barnes Rd, Fuqua Rd to Stanfield Rd	Pave unpaved road	1.0	2	2	----	Pinal	None	----	Air Quality	CMAQ-2.5	2019	612,140	-	37,001	649,141
Pinal County	Highway	2019	PNL19-701C	42788	Barnes Rd, Fuqua Rd to Stanfield Rd	Pave unpaved road	1.0	2	2	----	Pinal	None	----	Air Quality	CMAQ-2.5	2019	612,140	-	37,001	649,141
Pinal County	Highway	2019	PNL19-702C	24676	Stanfield Road, Talla Rd to Miller Rd	Pave unpaved road	3.5	2	2	----	Pinal	None	----	Air Quality	CMAQ	2019	2,143,017	-	129,536	2,272,553
Pinal County	Highway	2019	PNL19-702C	24676	Stanfield Road, Talla Rd to Miller Rd	Pave unpaved road	3.5	2	2	----	Pinal	None	----	Air Quality	CMAQ	2019	2,143,017	-	129,536	2,272,553
Pinal County	Highway	2020	PNL20-401	20982	McCartney Rd: I-10 to Evans Rd	Construct Roadway Improvements	3.0	2	4	----	Pinal	None		Street	Local	2020	-	-	1,000,000	1,000,000
Salt River Pir	Highway	2017	SRP17-401D	10372	McDonald Drive Subdivision (bounded by May St, McDonald Rd, Dobson Rd and Montebello Av) and Palm In, Harris Dr to Gilbert Rd	PE and final design for roadway paving	2.1	2	2	----	Maricopa	None	----	Air Quality	CMAQ	2017	122,590	-	7,410	130,000
Salt River Pir	Highway	2020	SRP20-701C	10372	McDonald Drive Subdivision (bounded by May St, McDonald Rd, Dobson Rd and Montebello Av) and Palm In, Harris Dr to Gilbert Rd	Pave unpaved road	2.1	2	2	----	Maricopa	None	----	Air Quality	CMAQ	2020	1,126,885	-	68,115	1,195,000
Salt River Pir	Highway	2020	SRP20-701C	10372	McDonald Drive Subdivision (bounded by May St, McDonald Rd, Dobson Rd and Montebello Av) and Palm In, Harris Dr to Gilbert Rd	Pave unpaved road	2.1	2	2	----	Maricopa	None	----	Air Quality	CMAQ	2020	1,126,885	-	68,115	1,195,000
Scottsdale	Highway	2017	--	--	Redfield Rd: Raintree Drive to Hayden Rd	Construct Roadway Widening	0.8	2	4		Maricopa	ALCP		Street						
Scottsdale	Highway	2017	SCT17-401	12544	Citywide	Traffic Signal Cabinet Upgrades	-	-	-		Maricopa	None		ITS	CMAQ	2017	678,960	-	41,040	720,000
Scottsdale	Highway	2017	SCT17-402	10630	Shared Use Pathway WestWorld/Indian Bend	Construct sidewalk, multiuse path and enhanced street crossings	4.7	-	-		Maricopa	None		Bike/Ped	CMAQ	2017	4,223,645	-	255,300	4,478,945
Scottsdale	Highway	2018	--	--	Pima Rd: Via Linda to Via De Ventura	Construct Roadway Widening	1.3	2	4		Maricopa	ALCP		Street						
Scottsdale	Highway	2018	--	--	Raintree Drive: Scottsdale Road to Hayden Rd	Construct Roadway Widening	1.3	2	2		Maricopa	ALCP		Street						
Scottsdale	Highway	2018	--	--	Southbound Loop 101 Frontage Road Connections	Construct Roadway Widening	0.8	-	4		Maricopa	ALCP		Street						

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Agency	Section	Work Year	TIP ID/2	MAG ID/2	Location	Work	Miles	Lanes Before	Lanes After	ALI/Fed Id	AQ Area	In Program/3	TRACS/Grant ID	MAG Mode	Funding/4	Apportionment Year	Federal	Regional	Local	Total		
Scottsdale	Highway	2018	--	--	McDowell Rd: 64th St to Pima Rd	Add new bike lanes	3.0	6	6	----	Maricopa	None		Bike/Ped	Local	2018	-	-	3,595,659	3,595,659		
Scottsdale	Highway	2018	SCT18-442	22556	McDowell Road: Pima Road to 64th Street	Construct bike lanes, narrow travel and median lanes.	3.0	6	6	----	Maricopa	None	----	Bike/Ped	CMAQ	2018	3,152,449	-	-	215,551	3,368,000	
Scottsdale	Highway	2019	--	--	Pima Rd: Krail St to Chaparral Rd	Construct Roadway Widening	1.8	2	4	----	Maricopa	ALCP		Street								
Scottsdale	Highway	2019	SCT19-740	39237	Indian Bend Wash Path at Chaparral Road, east of Hayden Road	Construct Underpass and Path Connections	-	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2019	1,182,569	-	-	84,481	1,267,050	
Scottsdale	Highway	2019	SCT19-740	39237	Indian Bend Wash Path at Chaparral Road, east of Hayden Road	Construct Underpass and Path Connections	-	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2019	1,182,569	-	-	84,481	1,267,050	
Scottsdale	Highway	2020	--	--	Raintree Dr: Hayden Rd to Loop 101	Construct Roadway Widening	1.0	3	5		Maricopa	ALCP		Street								
Scottsdale	Highway	2020	--	--	Happy Valley Road: Pima Road to Alma School Road	Construct Roadway Widening	2.2	2	4		Maricopa	ALCP		Street								
Scottsdale	Highway	2020	--	--	Pima Rd: Pinnacle Peak to Happy Valley Rd	Construct Roadway Widening	1.0	4	6		Maricopa	ALCP		Street								
Scottsdale	Highway	2020	--	--	128th St and Via Linda	Construct roundabout or traffic signal at the intersection to address school traffic issues	-	4	4		Maricopa	None		Street	Local	2020	-	-	800,000	800,000		
Scottsdale	Highway	2020	--	--	Miller Rd: Pinnacle Peak to Happy valley Rd	Add one lane in each direction on Miller Rd alignment to connect Pinnacle Peak Rd to Happy Valley Rd	0.5	-	4		Maricopa	None		Street	Local	2020	-	-	4,140,000	4,140,000		
Scottsdale	Highway	2020	--	--	Pinnacle Peak Rd: Miller Rd to Pima Rd	Construct four lane minor arterial	1.5	2	4		Maricopa	None		Street	Local	2020	-	-	11,000,000	11,000,000		
Scottsdale	Highway	2020	--	--	Jomax Rd: Pima Rd to 94th St	Construct Local Collector	0.7	-	2		Maricopa	None		Street	Local	2020	-	-	2,000,000	2,000,000		
Scottsdale	Highway	2020	--	--	96th St and Thunderbird	Construct roundabout or traffic signal at the intersection to address school traffic issues	-	4	4		Maricopa	None		Street	Local	2020	-	-	650,000	650,000		
Scottsdale	Highway	2020	--	--	98th St: McDowell Mnt Ranch Rd to Notre Dame school frontage road	Construct new road	0.1	4	8		Maricopa	None		Street	Local	2020	-	-	1,000,000	1,000,000		
Scottsdale	Highway	2020	--	--	Alma School Pkwy: Jomax Rd to Pinnacle Vista Rd	Widen roadway from two to four lanes	0.6	2	4		Maricopa	None		Street	Local	2020	-	-	1,100,000	1,100,000		
Scottsdale	Highway	2020	--	--	126th St and Via Linda	Construct roundabout	-	4	4		Maricopa	None		Street	Local	2020	-	-	800,000	800,000		
Scottsdale	Highway	2020	SCT20-742	41564	Osborn Road: Hayden Road to Scottsdale Road	Construct bike lanes, sidewalk, roundabout, narrow travel & median lanes	1.0	4	4	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2020	1,214,450	-	-	83,408	1,297,858	
Scottsdale	Highway	2020	SCT20-742	41564	Osborn Road: Hayden Road to Scottsdale Road	Construct bike lanes, sidewalk, roundabout, narrow travel & median lanes	1.0	4	4	----	Maricopa	None	----	Bike/Ped	TAP-MAG	2020	1,214,450	-	-	83,408	1,297,858	
Surprise	Highway	2017	SUR17-401	34183	Reems Rd, Peoria Ave between Waddell Rd; Reems Rd north of Waddell Rd; Litchfield Rd south of Waddell Rd	Fiber Installation and Dynamic Message Signs	-	-	-	SUR-0(224)T	Maricopa	None	SZ187 01D/0	ITS	CMAQ	2017	804,851	-	-	123,649	928,500	
Surprise	Highway	2017	SUR17-402	24424	5' Sidewalk Reems Rd	Construct sidewalk	1.0	-	-	SUR-0(225)T	Maricopa	None	T0003 01C/0	Bike/Ped	CMAQ	2017	198,900	-	-	12,025	210,925	
Surprise	Highway	2017	SUR17-470	31472	Dysart School District	Walking and Biking Maps	-	-	-	SUR-0(229)T	Maricopa	None	T004901X	Safety	TAP-MAG	2017	94,300	-	-	5,700	100,000	
Surprise	Highway	2018	SUR18-440	17038	Bullard Avenue: Greenway Road to Peoria Avenue	Construct 5-foot cycle track and pedestrian improvements	4.0	2	2	----	Maricopa	None	----	Bike/Ped	CMAQ	2018	1,551,235	-	-	348,765	1,900,000	
Tempe	Highway	2017	TMP17-401	28348	Citywide	Arterial, Collector, Residential Asset Preservation	-	-	-		Maricopa	None		Maintenance	Local	2017	-	-	5,045,767	5,045,767		
Tempe	Highway	2017	TMP17-402	40077	Rural Rd within Tempe boundaries	Conduit and Fiber Installation	-	-	-	TMP-0(240)D	Maricopa	None	SZ166 01C/0	ITS	CMAQ	2017	887,390	-	-	53,638	941,028	
Tempe	Highway	2017	TMP17-403	16475	10' Shared Use Path on 8th Street	Construct connection for Multi use path	1.2	-	-	TMP-0(243)D	Maricopa	None	SZ173 01D/0	Bike/Ped	CMAQ	2017	1,379,021	-	-	83,355	1,462,376	
Tempe	Highway	2017	TMP17-404	1814	Highline Canal from east of Priest Drive/Avenida Del Yaqui to Chandler City limits	Construct ADA compliant street crossings and multi use path including landscaping, signs, lighting, signalized crossings, bike amenities, and bridges.	4.0	-	-		Maricopa	None		Bike/Ped	TAP-MAG	2017	3,233,617	-	-	225,457	3,459,074	
Tempe	Highway	2017	TMP17-405	35126	Rural Road and Southern Avenue	Phase II ROW: Traffic Signal Improvements	-	-	-	----	Maricopa	None	----	Safety	HSIP-MAG	2017	30,000	-	-	-	30,000	
Tempe	Highway	2018	TMP18-401	28348	Citywide	Arterial, Collector, Residential Asset Preservation	-	-	-	----	Maricopa	None		Maintenance	Local	2018	-	-	5,539,995	5,539,995		
Tempe	Highway	2018	TMP18-402	35126	Rural Road and Southern Avenue	Phase III Construction: Traffic Signal Improvements	-	-	-	----	Maricopa	None	----	Safety	HSIP-MAG	2018	675,324	-	-	-	675,324	
Tempe	Highway	2018	TMP18-441	19300	Divot Drive: Kyrene Road to Highline Canal (Western Canal)	Construct multi-use path	0.5	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2018	793,063	-	-	62,937	856,000	
Tempe	Highway	2018	TMP18-442	275	Rio Salado South Bank under the McClintock Drive Bridge	Construct shared-use path underpass	0.1	-	-	----	Maricopa	None	----	Bike/Ped	CMAQ	2018	1,231,275	-	-	94,425	1,325,700	
Tempe	Highway	2018	TMP18-460	11549	Tempe (Citywide)	Install DMS, CCTV cameras, wireless link, bicycle detection, & EVP networking	-	-	-	----	Maricopa	None	----	ITS	CMAQ	2018	392,010	-	-	23,695	415,705	

**DRAFT FY 2017 - FY 2021 MAG Transportation Program/1**

Agency	Section	Work Year	TIP ID/2	MAG ID/2	Location	Work	Miles	Lanes Before	Lanes After	ALI/Fed Id	AQ Area	In Program/3	TRACS/Grant ID	MAG Mode	Funding/4	Apportionment Year	Federal	Regional	Local	Total
Tempe	Highway	2019	TMP19-740	14137	Alameda Drive: 48th Street to Rural Road	Construct bicycle and pedestrian facility improvements	3.0	2	2	-----	Maricopa	None	-----	Bike/Ped	TAP-MAG	2019	1,584,282	-	109,718	1,694,000
Tempe	Highway	2019	TMP19-740	14137	Alameda Drive: 48th Street to Rural Road	Construct bicycle and pedestrian facility improvements	3.0	2	2	-----	Maricopa	None	-----	Bike/Ped	TAP-MAG	2019	1,584,282	-	109,718	1,694,000
Tempe	Highway	2019	TMP19-760	2586	Tempe (Citywide)	Phase 2 - Install DMS, CCTV cameras, wireless link, bicycle detection, & EVP networking	-	-	-	-----	Maricopa	None	-----	ITS	CMAQ	2019	392,010	-	23,695	415,705
Tempe	Highway	2019	TMP19-760	2586	Tempe (Citywide)	Phase 2 - Install DMS, CCTV cameras, wireless link, bicycle detection, & EVP networking	-	-	-	-----	Maricopa	None	-----	ITS	CMAQ	2019	392,010	-	23,695	415,705
Tempe	Highway	2020	TMP20-740	423	Union Pacific Railroad Tempe South Spur Line - University Drive to Baseline Road	Construction of Multi-use Path	4.0	-	-	-----	Maricopa	None	-----	Bike/Ped	CMAQ	2020	2,315,065	-	219,935	2,535,000
Tempe	Highway	2020	TMP20-740	423	Union Pacific Railroad Tempe South Spur Line - University Drive to Baseline Road	Construction of Multi-use Path	4.0	-	-	-----	Maricopa	None	-----	Bike/Ped	CMAQ	2020	2,315,065	-	219,935	2,535,000

Notes

1. This listing is a draft document for review only and includes only TIP Highway Section projects and not all fields included in a full TIP listing.
2. Some identifiers - TIPID and MAG ID - have not yet been assigned to new projects.
3. Funding and cost estimates for ALCP projects will not be available until the end of March.
4. Federal funded projects reflect amendments to the FY 2014-2018 TIP through February, 2016 and include projects selected for federal funding in for FY 2018, FY 2019 and FY 2021. Pending TIP amendments are not reflected in the table.

# **ATTACHMENT**

## **#2**

## 23 CFR § 450.324(h)

The TIP shall include a financial plan that demonstrates how the approved TIP can be implemented, indicates resources from public and private sources that are reasonably expected to be made available to carry out the TIP, and recommends any additional financing strategies for needed projects and programs. In developing the TIP, the MPO, State(s), and public transportation operator(s) shall cooperatively develop estimates of funds that are reasonably expected to be available to support TIP implementation, in accordance with §450.314(a). Only projects for which construction or operating funds can reasonably be expected to be available may be included. In the case of new funding sources, strategies for ensuring their availability shall be identified. In developing the financial plan, the MPO shall take into account all projects and strategies funded under title 23 U.S.C., title 49 U.S.C. Chapter 53 and other Federal funds; and regionally significant projects that are not federally funded. For purposes of transportation operations and maintenance, the financial plan shall contain system-level estimates of costs and revenue sources that are reasonably expected to be available to adequately operate and maintain Federal-aid highways (as defined by 23 U.S.C. 101(a)(5)) and public transportation (as defined by title 49 U.S.C. Chapter 53). In addition, for illustrative purposes, the financial plan may (but is not required to) include additional projects that would be included in the TIP if reasonable additional resources beyond those identified in the financial plan were to become available. Starting December 11, 2007, revenue and cost estimates for the TIP must use an inflation rate(s) to reflect “year of expenditure dollars,” based on reasonable financial principles and information, developed cooperatively by the MPO, State(s), and public transportation operator(s).

# **ATTACHMENT**

## **#3**

Expenditure Categories	FY 2014	FY 2015	FY 2016	Notes/Comments
<b>Total Maintenance and Operating Budget</b>				
Potential Breakout of O& M Budget Expenses				
- Pavement				
- Signs and Markings				
- Street Lighting				
- Traffic Signals				
- Landscaping				
- Street Sweeping/Trash Removal				
- Safety Education Programs/Public Outreach				
Revenue Categories	FY 2014	FY 2015	FY 2015	Notes/Comments
<b>Total Revenue Available for O &amp; M</b>				
Potential Breakout of O& M Budget Revenue				
- Gas Tax (HURF)				
- Dedicated Tax for Transportation				
- General Fund				
- Other City Revenue				
- Private Contributions/Impact Fees				

**TABLE 9-1  
PAVEMENT MANAGEMENT SUMMARY**

Agency	Software	Assessment Frequency	Rating System/Approach	Additional Comments
ADOT	Highway Pavement Maintenance Application (HPMA)  PECOS	Annual	International Roughness Index (IRI)  Present Serviceability Rating (PSR)	Pavement preservation activities are planned five years in advance, based on technical indicators. The effects of new construction and reconstruction projects on pavement preservation requirements are also taken into account in pavement preservation programming. Extensive coordination is maintained to avoid overlapping pavement treatments, such as roads being restriped shortly before a pavement overlay project.
Apache Junction	iWorQ	Annual	Remaining Service Life (RSL)	Five main distresses are measured: fatigue, transverse cracking, longitudinal cracking, patches, and edge of pavement cracking. Raveling and other indices are also monitored. Inspectors use a guide to rate pavement. Software is used to recommend maintenance activities based on ratings. Pavement preservation measures are prioritized and coordinated with crack sealing.
Avondale	iWorQ	2 years	Not Available	Experience has indicated that past patterns of pavement maintenance have had a significant effect on current pavement conditions.
Buckeye	Microsoft Excel	Continuously check, update informally	Pavement Surface Evaluation and Rating (PASER)	The roadway maintenance approach is focused on obtaining grant funding for major arterials, while maintaining the highest traffic volume residential roadways. Pavement maintenance program focuses on keeping the greatest number of residents satisfied.

**TABLE 9-1: PAVEMENT MANAGEMENT SUMMARY (CONT'D)**

Agency	Software	Assessment Frequency	Rating System/Approach	Additional Comments
Carefree	Microsoft Word & Microsoft Excel	4-5 years	Modified Version of the Transportation Research Board Process	Through field inspection, 10 categories of pavement defects are scored. Defects are weighted based on severity and importance. Unique roadway and pavement conditions are noted. A three step approach to the operations and maintenance program is used; (1) identify defects, (2) prioritize needs, and (3) assess program options versus budget funding.
Cave Creek	No Formal System	Informal-routine	Informal system - Chip seal five miles of roads a year when funding is available. Other improvements are prioritized based upon available funding	Pavement management software is being researched and reviewed. Many of the available packages seem to be too complex to fit the pavement management needs of a small system.
Chandler	Proprietary road matrix software by Stantec	3 years	Pavement Quality Index (PQI)	Developers provide a one year final inspection on new roadways, at which time the developer may be required to apply the first seal coat. Pavement life is targeted at 25-30 years before the first mill and overlay.
El Mirage	Microsoft Excel	Goal – 2 years Current – 4 years	Pavement Surface Evaluation and Rating (PASER)	Projects are planned in order to maximize use of available funding. In order to achieve economies of scale, larger projects are performed, limiting the variety of activities in a given year. For example, one year all available funding may go toward one arterial; the next year, crack sealing and fogging the network.
Florence				
Fort McDowell Yavapai Nation				

**TABLE 9-1: PAVEMENT MANAGEMENT SUMMARY (CONT'D)**

Agency	Software	Assessment Frequency	Rating System/Approach	Additional Comments
Fountain Hills	No Formal System	7 years	Seven Zones-treat one annually	Maintenance is performed on a seven year cycle between seven zones. Each year, one zone is crack and slurry sealed or micro-paved. Roads are typically 40 years old and the majority have never had significant treatments.
Gila Bend	No Formal System	Informal	Informal	Establishment of a formal system is under consideration.
Gila River Indian Community				
Gilbert	CHEC software switching to GBA	3-4 years	Pavement Condition Index (PCI)	Pavement management program makes extensive use of the Pavement Condition Index. There is an ongoing effort to demonstrate to decision-makers how pavement preservation funding levels affect the Pavement Condition Index.
Glendale	Lucity	5 year goal	Pavement Condition Index (PCI)	Pavement preservation projects are included in the Capital Improvement Program, which utilizes General Obligation funds. The Structural Index (SI) is tracked on arterials to provide a basis for pavement management activities.
Goodyear	Lucity	3 year goal	Pavement Condition Index (PCI)	Because the majority of roads are relatively new, they are typically in good condition, which tends to increase the system average Pavement Condition Index. Recent rapid growth in the size of the roadway system may result in increased future maintenance program funding needs that may not be apparent due to the high current average PCI.
Guadalupe				

**TABLE 9-1: PAVEMENT MANAGEMENT SUMMARY (CONT'D)**

Agency	Software	Assessment Frequency	Rating System/Approach	Additional Comments
Litchfield Park	Microsoft Excel	5 years	Pavement Condition Index (PCI)	All roads in the network were assessed in 2006 and 10-year maintenance activities recommended. Roadway segments are reviewed annually to determine if recommended treatments are still warranted, or if a roadway's condition has worsened enough that it needs more than the original prescribed level of maintenance.
Maricopa				
MCDOT	Proprietary Software - Roadway Management System (RMS)	Arterials-annual  Others-Biannual	Pavement Condition Rating (PCR) and International Roughness Index (IRI)	The pavement management process focuses predominantly on roadways classified as arterials. The roadway maintenance program does not maintain or manage landscape features.
Mesa	Modified MicroPAVER	Annual	Pavement Condition Index (PCI)	An activity-based budget process is used, tying pavement maintenance activities to strategic goals. Roadway operations and maintenance funding is kept separate from the Capital Improvement Program and major pavement projects are prioritized depending on funding levels. Typically a 20-30 year pavement life is experienced.
Paradise Valley	In House Program	4 years	Pavement Condition Rating (PCR)	Maintenance is performed on a 15 year cycle between 15 sections. Each year, one section is milled and overlaid. Roads are typically crack sealed every 7-8 years.
Peoria	Hansen Asset Management Software, Microsoft Excel for pavement condition	Bi-annual	Pavement Condition Index (PCI)	To maximize benefits from available funding, maintenance activities focus on arterial projects with greater or longer term impact. Projects are prioritized to maintain high levels of safety, while some lower rated pavements may not be treated due to funding limitations. Major pavement rehabilitation, when necessary in the future, may face funding issues.

**TABLE 9-1: PAVEMENT MANAGEMENT SUMMARY (CONT'D)**

Agency	Software	Assessment Frequency	Rating System/Approach	Additional Comments
Phoenix	Lucity	Bi-annual	Pavement Condition Index (PCI) and SCI	Specially equipped vans are used in the pavement assessment process to measure and record roadway Pavement Condition Index data. Reconstruction of pavements is not programmed, placing an emphasis on periodic/routine maintenance activities to preserve pavement quality over the long term.
Pinal County				
Queen Creek	MicroPAVER and Microsoft Excel	Goal- 3-5 years 10 year actual	Pavement Condition Index (PCI)	The majority of roads are relatively new, with an average age less than ten years, resulting in a relatively high Pavement Condition Index. The basic approach is to crack seal the roads annually, with a fog seal every three years. Slurry seals are used when there is significant cracking.
Salt River Pima-Maricopa Indian Community				
Scottsdale	Lucity	4 years	Pavement Condition Index (PCI)	Pavements are rated using the Pavement Condition Index, with intersections assessed separately. Data is recorded and tracked using GIS polygons rather than lane mile units, which is aimed at providing a more precise measurement of pavement areas.
Surprise	Hansen Pavement Management software	4 years	Overall Condition Index (OCI)	While most of the roads in the network are relatively new, efforts are aimed at adequate maintenance to continue high levels of pavement quality in the future. Typically roads are assessed every four years, using the time in between to perform improvements. The pavement management system is continually updated as improvements are performed, but new defects may not be documented until the next periodic assessment.

**TABLE 9-1: PAVEMENT MANAGEMENT SUMMARY (CONT'D)**

Agency	Software	Assessment Frequency	Rating System/Approach	Additional Comments
Tempe	Roadmatrix	3 years	Pavement Quality Index (PQI)	Avoiding a “worst first” repair prioritization approach, pavement maintenance strategies focus on consistent minor maintenance to preserve pavements, deferring the need for major maintenance projects. High standards are targeted, but if a road falls into poor condition, maintenance may be stopped and the road is later reconstructed. Predictable funding sources are being sought to maintain a strong pavement management program, instead of bonding or reliance on State shared revenues.
Tolleson	Microsoft Excel	Ongoing	Pavement Condition Index (PCI)	An inventory of roadway network conditions is maintained in Microsoft Excel and used to assess which streets need reconstruction, mill and overlay, etc. A ten-year pavement maintenance plan is being formalized, and repairs are beginning on the lowest rated parts of the network.
Wickenburg	No Formal System	Informal	Informal, need based prioritization	Projects are identified through an informal pavement condition assessment. In FY 2010 and 2011, \$100,000 from the Capital Improvement Program was available for roadway maintenance in addition to HURF. The local power grid, which is municipally owned, helps fund the Capital Improvement Program.
Youngtown	No Formal System	Informal	Informal, need based prioritization	A slurry seal was done on all roads In 2004. A specific annual roadway operation and maintenance program is not part of the budget process. Community Development Block Grant funding, or other funding, has been used as it becomes available in the past for roadway maintenance projects. HURF funds typically cover costs to fix vandalism or matching for grants.