

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

~REVISED~

DATE:

April 20, 2015

SUBJECT:

Programming of Pinal County Surface Transportation Program Projects in the FY 2014-2018 MAG Transportation Improvement Program

Since the mailing of the agenda, the project sponsor has requested to withdraw their request for federal aid funding for the Tomahawk Road project. The Call For Projects Tally Sheet and this summary transmittal have been updated.

SUMMARY:

On February 25, 2015, the MAG Regional Council approved the Pinal County Surface Transportation Program (PC-STP) Programming and Evaluation Policy. The program is based on six goals and objectives: 1) expand capacity on existing roadways or intersections of high demand, 2) maintain and preserve the region's transportation system, 3) address safety concerns in the existing roadway/intersection conditions, 4) promote connectivity between high demand/capacity roadways and activity centers to advance economic viability. 5), maintain consistency with stated jurisdictional policy, and 6) achieve a significant reduction in congestion on the region's transportation system. Measures and evaluative weights to support those goals and objects were also approved as part of the policy. A summary generated by the evaluation tool results is included.

On February 27, 2015, MAG issued a call for projects with a due date of April 6, 2015. Four applications totaling \$7.9 million of federal aid requests were received from 3 agencies. See location map. On April 14, 2015, the MAG Street Committee conducted a technical review and evaluation of the project applications. Based on the technical review, program measures, and evaluative weights, the prioritized ranking for projects as follows:

1. Germann Road: Meridian Road to Ironwood Drive (submitted by: Pinal County)
2. Maricopa-Casa Grande Hwy: Porter Rd to White & Parker (submitted by: City of Maricopa)
3. Tomahawk Road: US-60 to Southern Avenue and Southern Avenue: Weeks Wash to Tomahawk Rd (submitted by: Pinal County)
4. Delaware Drive: Apache Trail to Superstition Blvd (submitted by: City of Apache Junction)

It is estimated that a total of \$5.7 million is available between Fiscal Year (FY) 2017 and FY 2019. The available funding does include the un-programmed carry-forward from Fiscal Years 2014 through 2016. The revised Call For Projects Tally Sheet is included with proposed funding. Please refer to the enclosed material.

PUBLIC INPUT:

None has been received.

PROS & CONS:

PROS: Approval of the funding and programming for these projects will enable their inclusion in the Transportation Improvement Program (TIP) – contingent upon a finding of air quality conformity – and will allow jurisdictions to develop their projects in a timely and integrated manner.

CONS: If these projects are not approved, the time to develop projects will be limited. Timely development of projects is needed to ensure that MAG federal funds are fully utilized each year, and to enhance opportunities for additional federal funds if available. Currently the Transportation Authorization for federal funding is operating under a continuing resolution and funding amounts are projected and subject to change.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: All projects have been evaluated using the program measures and weights established by the MAG Regional Council as part of the Pinal County Surface Transportation Program (PC-STP) Programming and Evaluation Policy.

POLICY: Projects have been prioritized consistent with the Pinal County Surface Transportation Program (PC-STP) Programming and Evaluation Policy.

ACTION NEEDED:

Recommend approval of the Pinal County Surface Transportation Program (PC-STP) Projects priority order and to be added to the FY 2014-2018 MAG Transportation Improvement Program and 2035 Regional Transportation Plan, contingent on a finding of air quality conformity.

PRIOR COMMITTEE ACTIONS:

On April 14, 2015, the MAG Street Committee recommend forwarding the application data and project rankings to the Transportation Review Committee for project review and selection.

MEMBERS ATTENDING

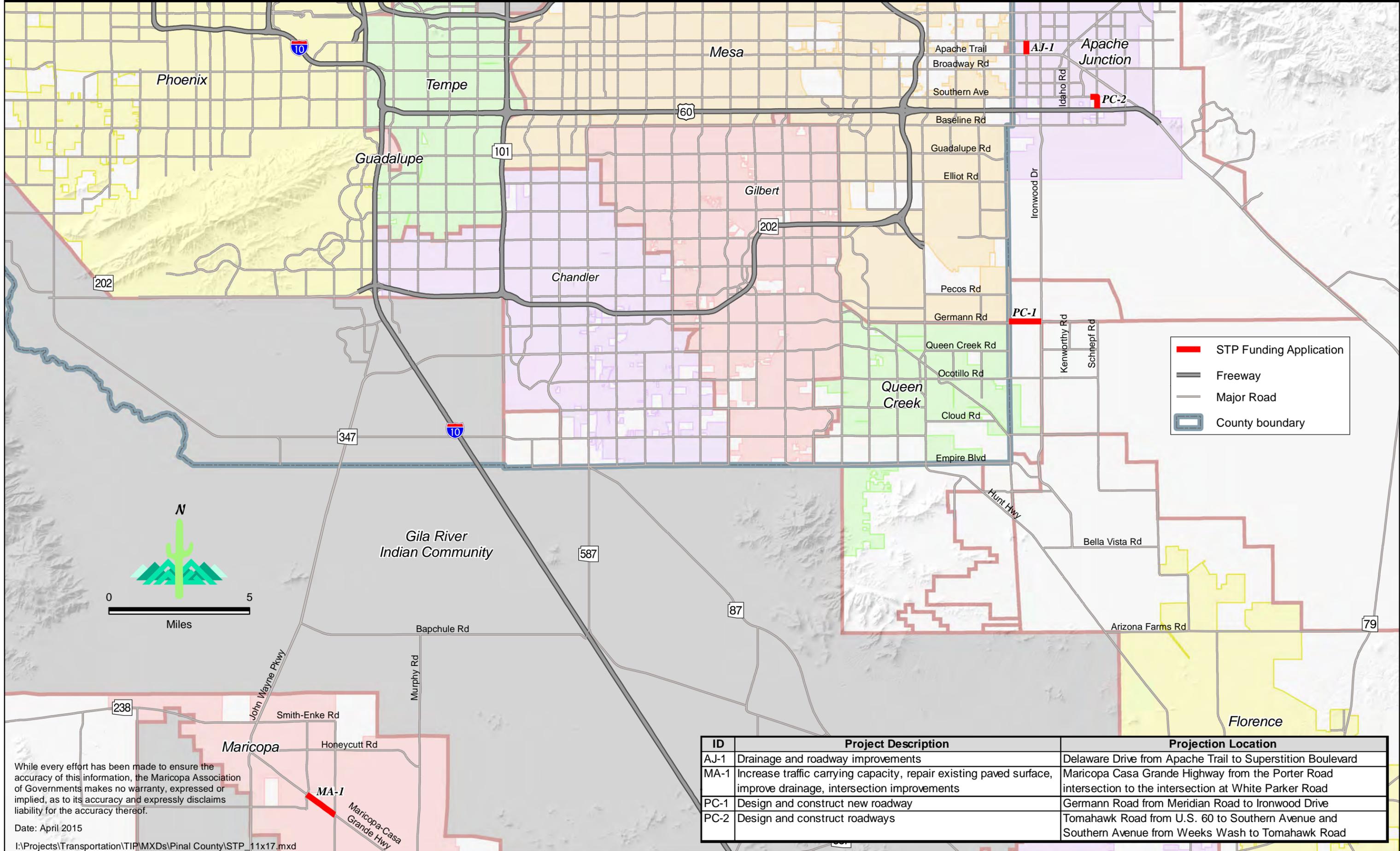
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|---|--|
| Maria Angelica Deeb, Mesa, Chair | Laurie A. Santana, Maricopa County |
| Chris Hauser, El Mirage, Vice Chair | * James Shano, Paradise Valley |
| Susan Anderson, ADOT | Jenny Grote, Phoenix |
| Emile Schmid, Apache Junction | Scott Bender, Pinal County |
| Paul Lopez, Avondale | Ben Wilson, Peoria |
| * Jose Heredia, Buckeye | Mohamed Youssef for Janet Martin, Queen Creek |
| Warren White for Dan Cook, Chandler | Jennifer Jack, Salt River Pima-Maricopa Indian Community |
| @Ed Stillings for Aryan Lirange, FHWA | * Phil Kercher, Scottsdale |
| * Wayne Costa, Florence | Dana Owsiany, Surprise |
| Tim Oliver, Gila River Indian Community | Isaac Chivera, Tempe |
| * Greg Smith, Gilbert | * Jason Earp, Tolleson |
| Bob Darr, Glendale | * Grant Anderson, Youngtown |
| * Hugh Bigalk, Goodyear | |
| Rob Dolson for Bill Fay, City of Maricopa | |

- * Members neither present nor represented by Proxy
- # Members attending by phone
- @Ex-officio member, non voting member

CONTACT PERSON:

Teri Kennedy, Transportation Improvement Program Manager,
or John Bullen, Transportation Planner II (602) 254-6300

Pinal Area Surface Transportation Program (STP) Funding Applications 2015



	STP Funding Application
	Freeway
	Major Road
	County boundary

N

0 5 Miles

While every effort has been made to ensure the accuracy of this information, the Maricopa Association of Governments makes no warranty, expressed or implied, as to its accuracy and expressly disclaims liability for the accuracy thereof.

Date: April 2015

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ID	Project Description	Projection Location
AJ-1	Drainage and roadway improvements	Delaware Drive from Apache Trail to Superstition Boulevard
MA-1	Increase traffic carrying capacity, repair existing paved surface, improve drainage, intersection improvements	Maricopa Casa Grande Highway from the Porter Road intersection to the intersection at White Parker Road
PC-1	Design and construct new roadway	Germann Road from Meridian Road to Ironwood Drive
PC-2	Design and construct roadways	Tomahawk Road from U.S. 60 to Southern Avenue and Southern Avenue from Weeks Wash to Tomahawk Road

Pinal County Surface Transportation Program – Call for Projects Evaluation Reference Sheet

Criteria		Delaware Drive: Apache Trail to Superstition Blvd	MCG Highway: Porter Road to White & Parker	Germann Road: Meridian Rd to Ironwood Drive	Tomahawk Rd: US60 to Southern Ave & Southern Ave: Weeks Wash to Tomahawk Rd
Overview	Type of Work	Drainage and Roadway Improvements	Capacity Expansion/Roadway Improvements	Design and construct new roadway	Design and construct roadways
	Segment Length	0.5 Miles	1.6 Miles	1.2 Miles	0.8 Miles
	Lanes Before	2	2	0	3
	Lanes After	2	4	2	4
Annual Average Daily Traffic (AADT)		4,445	10,046	20,140	3,772
Pavement/Bridge Condition (1-5 Scale)		4	2.5	--	2
Peak Period Speed Differential		1.333	0.800	1.222	1.286
Segment/Intersection Capacity (VPLPH)		1,878	99	7,494	797
Crash Rate per 100 million Vehicle-Miles of Travel		2,917	8,449	8,631	9,886
Number of Injuries/Fatalities (3-year average)		0	0.333	2.00	0
Does this project improve regional/multijurisdictional connectivity?		Yes	Yes	Yes	Yes
Distance from the nearest commercial/employment center		< 1 Mile	< 2 Miles	< 1 Mile	< 1 Mile
Does this project involve improvements that address throughput on an existing intersection?		Yes	Yes	Yes	Yes
Does this project involve improvements that address safety on an existing intersection?		Yes	Yes	Yes	Yes
Is this project identified in the jurisdiction General/Transportation Plan?		Yes	Yes	Yes	No
Has this project been requested through a neighborhood or community meeting or by council/board/commission outside of the budget process?		No	No	Yes	No

EVALUATION TOOL FOR STP FUNDED PROJECTS IN PINAL COUNTY

10

Prioritized Results

PROJECT # AND LIMITS		TOTAL SCORE
1	Germann Road: Meridian Road to Ironwood Drive	2.74
2	MCG Highway: Porter Road to White & Parker	2.49
3	Tomahawk Rd: US60 to Southern Ave & Southern Ave: Weeks Wash to Tomahawk Rd	1.97
4	Delaware Drive: Apache Trail to Superstition Blvd	1.36
5		
6		
7		
8		
9		
10		

Call For Projects: PC-STP 2015			
Date Issued:	2/27/2015		
Date Due:	4/6/2015		
Applications Received:	4	1 withdrawn on 4-17-2015	
Total Amount of Requests:	\$ 7,906,284	Requests are higher than funding available.	

Year	Per Year Federal Funding*	FF with Loans	Total FF Available
2017	1,213,265	2,029,795	
2018	1,213,265	2,426,530	
2019	1,241,170	1,241,170	\$ 5,697,495

4/17/2015

Federal Funding (FF) is projected and subject to change.

Projects listed alphabetically by Agency name.

				Requests for Federal Aid Funding Proposed Programming <u>Tomahawk Withdrawn</u>												
Agency	Request ed Work Year	Application ID	Evaluation Tool Result	Location	Work	Miles	Lanes Before	Lanes After	Funding Year Awarded	MAG Mode	Funding	Federal	Regional	Local	Total	Notes
Pinal County	2017	PC1	2.74	Germann Road from Meridian Road to Ironwood Drive.	Design: New 28-foot wide roadway segment, and make drainage and roadway improvements on existing segment.	1.17	0+0,2+2	2+2	2017	Street	STP-MAG	\$ 230,258	\$ -	\$ 13,918	\$ 244,176	
Pinal County	2019	PC1	2.74	Germann Road from Meridian Road to Ironwood Drive.	Construct: New 28-foot wide roadway segment, and make drainage and roadway improvements on existing segment.	1.17	0+0,2+2	2+2	2019	Street	STP-MAG	\$ 1,630,060	\$ -	\$ 98,530	\$ 1,728,590	
City of Maricopa	2016	MAR1	2.49	Maricopa Casa Grande Highway from the Porter Road intersection to the intersection at White Parker Road.	Design: Roadway, drainage facilities, and signal improvements including the addition of two though lanes and mill and overlay of the chip seal portion on segment portions.	1.2	1+1	2+2	2012	Street	(CAG Awarded) STP-MAG	\$ 512,000	0	\$ 31,000	\$ 543,000	This project has been previously been awarded with \$543,000 of federal funds through the Central Arizona Association of Governments. The City of Maricopa Entered an Intergovernmental Agreement (IGA/JPA 12-055-I) with the Arizona Department of Transportation on December 4, 2012. The project is identified by TRACS # SS911-0IC.
City of Maricopa	2016	MAR1	2.49	Maricopa Casa Grande Highway from the Porter Road intersection to the intersection at White Parker Road.	ROW: Roadway, drainage facilities, and signal improvements including the addition of two though lanes and mill and overlay of the chip seal portion on segment portions.	1.2	1+1	2+2	-	Street	Local	\$ -	0	\$ 385,945	\$ 385,945	
City of Maricopa	2017	MAR1	2.49	Maricopa Casa Grande Highway from the Porter Road intersection to the intersection at White Parker Road.	Construct: Roadway, drainage facilities, and signal improvements including the addition of two though lanes and mill and overlay of the chip seal portion on segment portions.	1.2	1+1	2+2	2017	Street	(CAG Awarded) STP-MAG	\$ 31,000	0	\$ 1,875	\$ 32,875	This project has been previously been awarded with \$543,000 of federal funds through the Central Arizona Association of Governments. The City of Maricopa Entered an Intergovernmental Agreement (IGA/JPA 12-055-I) with the Arizona Department of Transportation on December 4, 2012. The project is identified by TRACS # SS911-0IC.
City of Maricopa	2017	MAR1	2.49	Maricopa Casa Grande Highway from the Porter Road intersection to the intersection at White Parker Road.	Construct: Roadway, drainage facilities, and signal improvements including the addition of two though lanes and mill and overlay of the chip seal portion on segment portions.	1.2	1+1	2+2	2017	Street	STP-MAG	\$ 2,000,000	0	\$ 822,313	\$ 2,822,313	
Pinal County	2017	PC2	1.97	Tomahawk Road from U.S. 60 to Southern Avenue and Southern Avenue from Weeks Wash to Tomahawk Road.	Design: Extend the existing minor arterial roadway sections with bike lanes on both sides of the roadways and sidewalks on one side.	0.84	0+0,2+2	2bp+2b	-	Street	STP-MAG	\$ -	\$ -	\$ 18,750	\$ 328,955	Requested \$310,205 of federal funds. Agency has requested to drop project.
Pinal County	2019	PC2	1.97	Tomahawk Road from U.S. 60 to Southern Avenue and Southern Avenue from Weeks Wash to Tomahawk Road.	Construct: Extend the existing minor arterial roadway sections with bike lanes on both sides of the roadways and sidewalks on one side.	0.84	0+0,2+2	2bp+2b	-	Street	STP-MAG	\$ -	\$ -	\$ 2,327,038	\$ 2,327,038	Requested \$2,194,397 of federal funds. Agency has requested to drop project.
Apache Junction	2016	AJ1	1.36	Delaware Drive from Apache Trail to Superstition Boulevard	ROW: Drainage and Roadway Improvements, add bike and ped.	0.5	1+1	1bp+1bp	-	Street	Local	\$ -	\$ -	\$ 1,500	\$ 1,500	
Apache Junction	2018	AJ1	1.36	Delaware Drive from Apache Trail to Superstition Boulevard	Construct: Drainage and Roadway Improvements, add bike and ped.	0.5	1+1	1bp+1bp	2018	Street	STP-MAG	\$ 1,484,784	\$ -	\$ 89,748	\$ 1,574,532	Requested \$1,484,784 of federal funds.
Apache Junction	2015-16	AJ1	1.36	Delaware Drive from Apache Trail to Superstition Boulevard	Design: Drainage and Roadway Improvements, add bike and ped.	0.5	1+1	1bp+1bp	2016	Street	STP-MAG	\$ 56,580	\$ -	\$ 3,420	\$ 60,000	Requested \$56,580 of federal funds.
									this issue Fed Totals			\$ 5,401,682	\$ -	\$ 3,794,037	\$ 10,048,924	

Federal Funding Requested By Evaluation Order and Tomahawk Withdrawn

Evaluation To	Location	Requested Work Year				Grand Total
		2017	2018	2019	2015-16	
2.74	Germann Road from Meridian Road to Ironwood Drive.	230,258		1,630,060		1,860,318
2.49	Maricopa Casa Grande Highway from the Porter Road intersection to the intersection at White Parker Road.	2,000,000				2,000,000
1.97	Tomahawk Road from U.S. 60 to Southern Avenue and Southern Avenue from Weeks Wash to Tomahawk Road.	-		-		-
1.36	Delaware Drive from Apache Trail to Superstition Boulevard		1,484,784		56,580	1,541,364
Grand Total		\$ 2,230,258	\$ 1,484,784	\$ 1,630,060	\$ 56,580	\$ 5,401,682

Federal Aid Funding 2017-2019

\$ 5,697,495

Balance to be rolled to FY2020 for next Call For Projects*

\$ 295,813

* Current estimated Federal Funding