

Transportation Alternatives (TA) / CMAQ Application For FY 2021 and FY 2022 Projects



Due: September 25, 2017 at 10:00 a.m.

(LATE AND/OR INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED)

TA Amount Available: \$4,178,521, and \$ 4,248,246 (\$8,426,767 total)

CMAQ Amount Available: \$8,765,780, and \$8,905,080 (\$17,670,860 total)



INSTRUCTIONS AND SCHEDULE

The due date and time for project applications to be submitted to MAG is
Monday, September 25, 2017 at 10:00 a.m.

General Instructions

This Excel form is to be used to request federal Transportation Alternatives (TA) and CMAQ funding available through the Maricopa Association of Governments (MAG) for projects to be included in the FY2018-FY 2022 MAG Transportation Improvement Program. Funding is available for Federal Fiscal Year (FFY) 2021 and 2022.

This application form includes:

- Instructions and Schedule
- Cover Sheet
- Part A - Contact and Project Description
- Part B - Detailed Project Description
- Part C - Required and Optional Attachments
- Part D - Cost Estimate Spreadsheet
- Part E - Total Project Budget and Schedule
- Part F - Checklist and Signature Page
- GIS Submittal Instructions
- ADOT Fee Sheet
- Transportation Alternatives Program and Map
- Congestion Mitigation Air Quality Program and Map

Each part is a separate tab of this excel file. Please complete the Cover Sheet and Parts A - F. Alternative application forms are available upon request.

Transmittal Instructions

All applications are due on **Monday, September 25, 2017 by 10:00 a.m.** Both an electronic and printed copy of the application and all attachments are required.

The electronic copy of the application includes the following:

- a. A completed Excel spreadsheet application in MS Excel format (Please do not send a PDF or Fax instead of the spreadsheet)
- b. A PDF or FAXed copy of Part F of the Excel spreadsheet with the signature block signed and dated
- c. A PDF or FAXed copy of all required attachments

The printed copy of the application includes the following:

- a. A printout of the completed Excel spreadsheet application, with the signature block in Part F signed and dated
- b. Printed copies of all required attachments

MAG Mailing Address

Electronic applications should be sent to the following address:

[mailto: MAG Staff](mailto:MAG Staff)

Printed copies should be addressed as follows:

Maricopa Association of Governments
ATTN: Teri Kennedy,

302 N. 1st Avenue, Suite #300,
Phoenix, AZ 85003.

If a complete, signed electronic copy is received by the submittal deadline, applicants have five working days to submit a printed copy of the application.

Late and/or incomplete applications will not be accepted.

INSTRUCTIONS AND SCHEDULE

The due date and time for project applications to be submitted to MAG is
Monday, September 25, 2017 at 10:00 a.m.

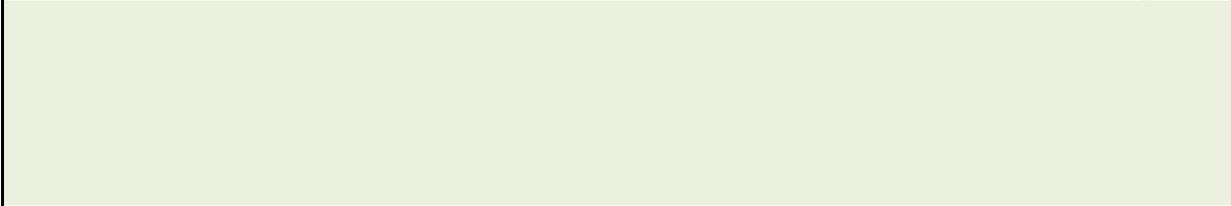
Application Workshops and Open Working Group Meeting Schedule*

Date	Time	Room	Workshop/Open Working Group
Monday, August 21, 2017	10:00-Noon	Saguaro	Workshop on MAG Transportation Programming and Federal Fund Project Applications
Tuesday, September 12, 2017	10:00-11:00 AM	Chaparral	Open Working Group - Federal Fund Project Applications
Tuesday, September 19, 2017	11:00-Noon	Chaparral	Open Working Group - Federal Fund Project Applications

* All meetings will be held on the 2nd Floor of the MAG Offices at 302 North 1st Ave, Phoenix, Arizona 85003

MAG CONTACT INFORMATION

Contact Name	Phone	E-Mail Address
MAG Offices	602-254-6300	
Jason Stephens	602-254-6300	Jstephens@azmag.gov
Teri Kennedy	602-254-6300	TKennedy@azmag.gov
Stephen Tate	602-452-5010	STate@azmag.gov



**Transportation Alternatives / CMAQ Application for
FY 2021 and FY 2022 Projects**



Mesquite Trails to Red Mountain Vista Pedestrian Connection



Salt River Pima-Maricopa Indian Community

**APPLICATIONS ARE DUE AT MAG OFFICES BY
Monday, September 25, 2017 at 10:00 a.m.**

(LATE AND/OR INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED)

Salt River Pima-Maricopa Indian Community: Mesquite Trails to Red Mountain Vista Pedestrian Connection

PART A - CONTACT AND PROJECT DESCRIPTION	
Contact Information	
1. Name of Sponsoring Agency	Salt River Pima-Maricopa Indian Community
2. Agency Contact Name	Rick McFarlin
3. Phone Number of Agency Contact	480-362-6993
4. E-Mail Address of Agency Contact	rick.mcfarlin@srpmic-nsn.gov
5. Mailing Address of Agency Contact	10005 E Osborn Road, Scottsdale AZ 85256
Project Description	
6. Please provide the Project Title.	Mesquite Trails to Red Mountain Vista Pedestrian Connection
7. Please provide a concise, specific description of the project (250 character limit):	
Design and construct an 8-foot wide detached sidewalk to connect two residential developments and create a safer pedestrian corridor for school travel.	
8. Please provide the project limits:	
Camelback - Center Street to Mesa Drive, Mesa Drive - Arizona Canal to Indian School Road	

Salt River Pima-Maricopa Indian Community : Mesquite Trails to Red Mountain Vista Pedestrian Connection

PART B-DETAILED PROJECT DESCRIPTION

This part of the form identifies the current characteristics and proposed improvements for each project.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

NOTE: For Part B, Questions 14-20, the specified distance will vary (and update automatically) depending on the project type identified in Part B, Question 1. Pedestrian-only projects will use a distance of 1/4 mile, while bicycle and Shared-Use projects will use a distance of 1/2 mile.

1. Please select which funding source(s) this project is applying for. Check all that apply.

- Congestion Mitigation and Air Quality (CMAQ)
- Transportation Alternatives (TA)

2. What type of project is this? (Check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Bicycle Lane (4' min. w/o curb/gutter) | <input type="checkbox"/> Shoulder paving is within 4-miles of a PM-10 Monitor |
| <input type="checkbox"/> Bicycle Lane (5' min. with curb/gutter) | <input checked="" type="checkbox"/> Wide Sidewalk (8' min.) |
| <input type="checkbox"/> Buffered Bike Lane | <input checked="" type="checkbox"/> Detached Sidewalk with 4' min. buffer |
| <input type="checkbox"/> Protected Bike Lane | <input type="checkbox"/> Signalized Crossing |
| <input type="checkbox"/> Shared-use path (10' min.) | Other: |
| <input type="checkbox"/> Sidewalk (5' min.) | <input type="text"/> |
| <input type="checkbox"/> Planning Study | |

3. What other major elements are included in this project? (Check all that apply)

- | | |
|--|-----------------------------------|
| <input type="checkbox"/> Bridge (overpass) | Other: |
| <input type="checkbox"/> Tunnel (underpass) | <input type="text" value="none"/> |
| <input type="checkbox"/> Signalized midblock crossing/HAWK | |
| <input type="checkbox"/> Countdown Pedestrian Signal | |

4. What amenities are included in this project?

- | | |
|---|--|
| <input type="checkbox"/> Number of Bike racks/lockers | <input type="text" value="3"/> Number of Seating/Rest Area(s) |
| <input type="checkbox"/> Number of Drinking Fountains | <input type="text"/> Number of bicycle/pedestrian counting devices |
| <input type="checkbox"/> Number of Way-finding Signs | <input type="text"/> Number of bicycle/pedestrian counting devices |
| <input type="checkbox"/> Number of Trash receptacles | Other: |
| <input type="checkbox"/> Number of Trees | <input type="text" value="30 Ped/Street Lights"/> |
| <input type="checkbox"/> Number of new openings in street walls | |
| <input type="text" value="3"/> Number of Shade Structures | |

5. Please describe the existing condition of the project site and any problem(s) being addressed.

Camelback Road and Mesa Drive are existing, paved, two-lane rural major collectors with dirt shoulders. The adjacent land is a mix of residential and agricultural use. The Salt River Elementary and High School are located within a quarter mile of the project site. Currently, pedestrians utilize the existing dirt shoulder or edge of travel lane to commute to/from school as well as residential sites within the project limits. Adding a wide sidewalk and lighting will improve visibility and increase safety along these commuter routers, while also reducing dust pollution in the area. The addition of sidewalks throughout the Community also promotes a more active lifestyle which plays a significant role in the diabetes prevention programs currently in place.

Salt River Pima-Maricopa Indian Community : Mesquite Trails to Red Mountain Vista Pedestrian Connection

PART B-DETAILED PROJECT DESCRIPTION

6. Please describe the work being done and improvements being made as part of this project.

Design and construct new 8-foot wide detached sidewalk with, along one side of Camelback Road from Center Street to Mesa Drive (0.5 miles) and Mesa Drive from Indian School to the Arizona Canal (0.7 miles) to improve pedestrian safety and complete neighborhood and school connectivity. Storm water retention, lighting and roadside ammenities will also be provided as part of the pedestrian improvement.

7. What do you hope to achieve with this project?

The project will 1) provide facilities that will promote physical activity and assist in diabetes prevention, 2) reduce the risk of pedestrian/vehicular accidents, 3) provide complete connectivity to schools and neighborhoods within the area and 4) reduce dust pollution within the Community.

8. Safety improvements to be included for this project: (Check all that apply)

- Medians with pedestrian crossing islands
- Roadway Reconfiguration (Road Diet)
- Striping/re-striping to narrow vehicle lanes
- Color pavement or similar treatment
- Lighting
- Landscape buffer between sidewalk and roadway
- Rectangular Rapid Flash Beacon (RRFB)
- Driver Feedback Sign

Other

9. Does this project include a road safety education component?

- Yes
- No

Please Explain:

Injury Prevention and the School Safety Coordinator will provide road safety education, including bicycle and pedestrian safety to the surrounding area.

10. How does this project or planning study address safety?

Currently pedestrians, including students, walk on the edge of the pavement or within the shoulder area and are unprotected from passing traffic. Pedestrian traffic at night is even more hazardous due to the dark skies and lack of street lighting. Adding detached sidewalks and lighting near the schools and between residential communities will increase pedestrian and vehicular safety.

11. How does the project improve ADA facilities for persons with disabilities?

The new sidewalk will provide a stable surface for persons with disabilities to reach their destinations. It will included ADA approved sidewalk ramps at the intsections returns as well as any designated crosswalk locations that will assist those with dissabilities in crossing the street. These facilities do not currently exist in this area.

Salt River Pima-Maricopa Indian Community : Mesquite Trails to Red Mountain Vista Pedestrian Connection

PART B-DETAILED PROJECT DESCRIPTION

12. Describe how this project will improve access from nearby neighborhoods and/or adjacent uses:

The new sidewalk will connect two major residential developments as well as provide additional access from adjacent communities to the Salt River Elementary and High School.

13. How does the project create a sense of place?

Adding amenities such as sidewalk, street lighting and landscape all provide improvements and help define a more urban livable environment that promotes safety and comfort for its residents.

14. Connectivity: (Check all that apply)

Project fills a gap in the system
Explain:

The project will connect two major residential developments as well as provide an additional pedestrian corridor to the Salt River School district. The addition of this project will complete the overall pedestrian and student connectivity in this area of the Community.

Project connects to other local bikeways
List of connected bikeways:

Multi Jurisdictional Project (please include letter of support (See Part C)
List of Participating Jurisdictions:

Total length of bikeways directly connected by this project (in miles)

15. Number of transit stops this project will connect to. Do NOT count major transit facilities (park and rides, transit centers, etc.) in this question. List associated route(s) and their peak frequency, using Valley Metro as the source.

Within 1/4 mile

16. Number of transit routes serviced by the transit stops in question 15 that this project will connect to. List associated route(s) and their peak frequency, using Valley Metro as the source.

Within 1/4 mile
List routes and frequency:

17. Number of major transit facilities (park and rides, transit centers, etc.) served by this project:

Within 1/4 mile
List:

Salt River Pima-Maricopa Indian Community : Mesquite Trails to Red Mountain Vista Pedestrian Connection

PART B-DETAILED PROJECT DESCRIPTION

18. Number of non-commercial activity centers (parks, libraries, senior centers, recreational centers, etc.) this project will benefit:

5 Within 1/4 mile

List:

SRPMIC baseball field, soccer field, softball field, Canalside Park, Red Mountain Vista Park and Way of Life Activity Center.

19. Number of commercial and employment destinations (malls, retail centers, business parks, etc.) this project will benefit (for example, a mall is ONE destination; do NOT count every store in a mall as a separate destination):

0 Within 1/4 mile

List:

20. Number of K-8 public schools this project will benefit:

1 Within 1/4 mile

List:

Salt River Elementary School

21. Number of other schools (charter schools, high schools, colleges, and universities) this project will benefit:

1 Within 1/4 mile

List:

Salt River High School

22. Number of activity centers for air quality cost effectiveness (i.e. bank, church, hospital, health care facility, light rail station, park-and-ride lot, office park, post office, public library, shopping area, grocery store, university or junior college):

0 Within 1/4 miles

List:

0 1/4 miles to 1/2 miles

List:

Salt River Pima-Maricopa Indian Community : Mesquite Trails to Red Mountain Vista Pedestrian Connection

PART B-DETAILED PROJECT DESCRIPTION

23. What are the demographics of the area served: [MAG Demographic Mapping](#)

People Per Square Mile

% Families in Poverty

Use the MPO/COG Demographic Mapping link above. Zoom in to your project area. On the right-hand side of the screen, under "Reporting," select "Custom Summary." Next, select "Corridor of Interest." Left-click to begin drawing. Draw a line through all census block groups adjacent to your project, left-clicking where needed to change the direction of the line. Double-click to finish drawing the line. The selected census block groups will become highlighted in blue. A pop-up box will appear with "Results for Selected Block Groups." Select the "Summary Report" tab, and use the data found there. You may export the results to Excel (click the printer icon at the top-right side of the pop-up window) for your records.

24. Please provide the following information on the facility on which the improvement will be located.

For a linear project, please enter the Facility Name, Starting Limit and Ending Limit:

For a point project (e.g. an intersection or crossing), please enter a Facility Name and a Crossing Feature:

Federal Functional Classification of the Facility:

[Link to MAG webpage for Federal Functional Classification Map](#)

Type of Facility the Improvement will be located on:

Length (in Miles)

Posted Speed Limit (MPH)

Number of Travel Lanes Before Project

Number of Travel Lanes After Project

Salt River Pima-Maricopa Indian Community : Mesquite Trails to Red Mountain Vista Pedestrian Connection

PART B-DETAILED PROJECT DESCRIPTION

25. Please provide an estimated traffic volume (ADT) on the nearest parallel arterial.

ADT Estimate

Date Counted

Name of road the traffic count was taken from

Description of Methodology and Source used for the ADT Estimate

26. Federal law requires that all federally funded projects comply with a federal environmental clearance. For projects that have a minimum ground disturbance, environmental surveys are required and an environmental document will need to be prepared, which typically requires 12 months to complete.

Describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

27. Current ROW: (Check all that apply)

Agency owns all ROW Needed
 ROW to be acquired
 Owners will donate ROW

Agency owns easement
 Agency has right-of-use (i.e. canal)
 Condemnation may be required

28. Please describe any right of way issues associated with the project.

29. Please indicate whether all parcels for this project have been inventoried.

Yes

No

Salt River Pima-Maricopa Indian Community : Mesquite Trails to Red Mountain Vista Pedestrian Connection

PART B-DETAILED PROJECT DESCRIPTION

30. Current Utilities in or abutting the alignment: (Check all that apply)

<input type="checkbox"/>	No Utility in or abutting the alignment	<input type="checkbox"/>	Private Structures
<input checked="" type="checkbox"/>	Canals & Drainage		
<input checked="" type="checkbox"/>	Power Lines & Cables		Other:
<input checked="" type="checkbox"/>	Pipelines, Sewer and Water		<input type="text"/>

31. Please describe any utility conflicts that will need to be addressed.

The project will require a dirt lined tail water irrigation ditch relocation along Mesa Drive, from Indian School to Camelback.

32. Guidelines used to develop project: (Check all that apply)

<input type="checkbox"/>	AASHTO Guide for Bicycle Facilities	Other: SRPMIC Supplements to MAG, 2010 SRPMIC Long Range Transportation Plan and 2009 SRPMIC School Bus Operations: Bus Stop Safety and Traffic Flow Impact Study
<input checked="" type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	
<input type="checkbox"/>	MAG Complete Streets Guide	
<input type="checkbox"/>	MAG Designing Transit Accessible Communities	
<input type="checkbox"/>	MAG Valley Path Brand & Wayfinding Signage Guidelines	
<input type="checkbox"/>	NACTO Urban Bikeway Design Guide	
<input type="checkbox"/>	RPTA Bus Stop Program and Standards	

33. Jurisdiction has the following policies for improved bicycle/shared use facilities:

With new development and capital improvement projects, bike lanes on arterial streets are:	<input type="text" value="Required"/>
With new development and capital improvement projects, bike lanes on collector streets are:	<input type="text" value="Recommended"/>
With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:	<input type="text" value="Not Addressed"/>
With new development or during development retrofits, shared-use paths are:	<input type="text" value="Recommended"/>
Bicycle program implemented, including bike education, safety events, and bike maps	<input type="text" value="Yes"/>
Complete Streets Policy	<input type="text" value="No"/>

34. The project is: (Check one)

<input checked="" type="checkbox"/>	Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source) List: SRPMIC Long Range Transportation Plan
<input type="checkbox"/>	Consistent with general policy/practices, but not formally identified (provide source) Explain:
<input type="checkbox"/>	Not addressed by jurisdiction's plans, policies, or practices Explain:

Salt River Pima-Maricopa Indian Community : Mesquite Trails to Red Mountain Vista Pedestrian Connection

PART B-DETAILED PROJECT DESCRIPTION

35. How will the applicant measure the success of this project?

The pedestrian improvements will connect two subdivisions as well as an elementary and high school within the Salt River region of the Community. The connection will be used by school children, residents and employees. Currently, pedestrians, including students, walk on the edge of pavement or within the unpaved shoulder and are unprotected from vehicular traffic. There are multiple bus stops located within the project limits for the Salt River Schools and Mesa Public Schools. This project will provide additional separation between the walking/waiting students and oncoming traffic and also add lighting during the night time hours. In addition to student safety, a sidewalk will provide safe pedestrian routes between the new Way of Life community recreational facility, the schools and the residential neighborhoods along the new sidewalk route. This additional sidewalk improvement will help complete a pedestrian connection between various neighborhoods in this section of the Community. Many key destinations are located within this corridor, including fire department, recreation center, schools, church and residential communities. The sidewalk will promote a healthier lifestyle for residents within the Community and aid in the diabetes prevention efforts already underway.

36. Will bicycle/pedestrian count technology be incorporated? Will the devices broadcast automatic updates or require manual data collection? If manual, how will the agency identify staff resources to dedicate to collecting the data?

N/A

37. Will the project include an education/marketing component upon completion of construction, to publicize the project and increase citizen awareness of the project impact and benefits? If yes, please describe below.

The project will include public outreach during design and construction to solicit input and inform Community Members of the upcoming improvements. Injury Prevention, school safety and Diabetes Prevention programs will be involved to publicize the project upon completion. An article will also be published in the local newspaper to increase citizen awareness of the project and its benefits.

38. Will the project include wayfinding signage elements? If yes, please describe below.

N/A

Part C - Required Attachments
<p>Listed below are the required attachments for this project application. These attachments are intended to demonstrate the need of the project. They should clearly show the segment alignment and features that connect to other bicycle, pedestrian, and/or shared-use facilities, as well as washes, canals, railroad crossings, and other crossing features that may affect the project.</p> <p><u>PLEASE INCLUDE EACH ATTACHMENT AS A SEPARATE .JPEG OR .PDF FILE ON YOUR APPLICATION CD.</u></p> <p>Please insert ALL attachments at the end of your printed application, in the order they are listed below. See below for alternate submission requirements for GIS coverage files.</p>
Required Attachments:
<p>1) Please attach a map showing the general location of the proposed project in relation to the region, including a north arrow.</p>
<p>2) Please attach a map with streets labeled showing the detailed location(s) of the proposed project, including a north arrow.</p>
<p>3) Please attach up to four photos indicating existing conditions in the project area (two 4x6 photos per page).</p>
<p>4) Please attach a simple diagram of the current typical cross section of the segment, that shows the right of way limits, widths, sidewalks and shoulders (if any), and the lanes of travel.</p>
OPTIONAL Attachments:
<p>(OPTIONAL) Attach up to two photos showing what the completed project will look like, if available (these can be photoshop, renderings, etc.).</p>
<p>(OPTIONAL) Attach up to three (3) letters of support for the project.</p>
<p>(OPTIONAL) If the applicant will be providing a GIS coverage (shapefile or geodatabase), please see the tab labeled "GIS Transmittal Instructions"</p>

Salt River Pima-Maricopa Indian Community: Mesquite Trails to Red Mountain Vista Pedestrian Connector

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

Please provide a detailed cost estimate for this project. The data entered in this cost estimate sheet will automatically transfer into the correct fields in Part E. Rows 1-9 will remain visible at the top of this page at all times.

Sponsoring Agency:	SRPMIC	Project Title:	Mesquite Trails to Red Mountain Vista	Application Date:	9/22/2017
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)	
A. Scoping (15% Preliminary Engineering Design)	1. SITE TOPOGRAPHIC SURVEY	LS	1	\$7,000.00	\$7,000.00	No	\$0.00	\$7,000.00		
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$2,000.00	\$2,000.00	No	\$0.00	\$2,000.00		
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)	LS	1	\$5,000.00	\$5,000.00	No	\$0.00	\$5,000.00		
	4. HAZMAT ASSESSMENT	LS			\$0.00	No	\$0.00	\$0.00		
	Subtotal Scoping (Part A)				\$14,000.00		\$0.00	\$14,000.00		
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$85,000.00	\$85,000.00	No	\$0.00	\$85,000.00		
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$5,000.00	\$5,000.00	No	\$0.00	\$5,000.00		
	3. DRAINAGE REPORT	LS	1	\$4,000.00	\$4,000.00	No	\$0.00	\$4,000.00		
	4. SWPPP	LS	1	\$3,000.00	\$3,000.00	No	\$0.00	\$3,000.00		
	Subtotal PE (Part B)				\$97,000.00		\$0.00	\$97,000.00		
Subtotal Preliminary Engineering (Part A + Part B)					\$111,000.00		\$0.00	\$111,000.00		
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition	LS			\$0.00	No	\$0.00	\$0.00		
Subtotal Right-of-Way Acquisition (Part C)					\$0.00		\$0.00	\$0.00		
D. Utility Relocation	1. Utility Relocation	LS			\$0.00	No	\$0.00	\$0.00		
Subtotal Utility Relocation (Part D)					\$0.00		\$0.00	\$0.00		
E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	1. Hardscape Construction	Installation Of SWPP Measures		LS	1	\$3,000.00	\$3,000.00	Yes	\$2,829.00	\$171.00
		Site Preparation		LS	1	\$10,000.00	\$10,000.00	Yes	\$9,430.00	\$570.00
		Demolition	Sawcut	LF	200	\$3.00	\$600.00	Yes	\$565.80	\$34.20
			Remove Structures and Obstructions	LS	1	\$10,000.00	\$10,000.00	Yes	\$9,430.00	\$570.00
			Remove Fencing	LF			\$0.00	Yes	\$0.00	\$0.00
			Remove Structural Concrete	CY	100	\$30.00	\$3,000.00	Yes	\$2,829.00	\$171.00
			Remove Asphaltic Concrete Pavement	CY	300	\$8.00	\$2,400.00	Yes	\$2,263.20	\$136.80
			Remove Concrete Sidewalks, Slabs	CY			\$0.00	Yes	\$0.00	\$0.00
		Hazmat Abatement		LS			\$0.00	Yes	\$0.00	\$0.00
		Retaining Wall - Reinforced Concrete Cantilevered		SF			\$0.00	Yes	\$0.00	\$0.00
		Earthwork	General Excavation	CY	2,581	\$18.00	\$46,458.00	Yes	\$43,809.89	\$2,648.11
			Drainage Excavation	CY	1,633	\$10.00	\$16,330.00	Yes	\$15,399.19	\$930.81
			Structural Excavation	CY			\$0.00	Yes	\$0.00	\$0.00
			Structural Backfill	CY			\$0.00	Yes	\$0.00	\$0.00
			Borrow (In Place)	CY			\$0.00	Yes	\$0.00	\$0.00
		Curb & Gutter		LF			\$0.00	Yes	\$0.00	\$0.00
		Aggregate Base		CY	625	\$11.00	\$6,875.00	Yes	\$6,483.13	\$391.88
		Pathway Or Sidewalk Materials	Concrete	SF	52,000	\$3.50	\$182,000.00	Yes	\$171,626.00	\$10,374.00
			Colored Concrete	SF			\$0.00	Yes	\$0.00	\$0.00
			Stamped Color Concrete	SF			\$0.00	Yes	\$0.00	\$0.00
			Precast Concrete Pavers	SF			\$0.00	Yes	\$0.00	\$0.00
			Asphaltic Concrete	Ton	50	\$120.00	\$6,000.00	Yes	\$5,658.00	\$342.00
			Polymer or Resin Stabilized Surface	SF	4,320	\$2.00	\$8,640.00	Yes	\$8,147.52	\$492.48
		Concrete Pavers		SF			\$0.00	Yes	\$0.00	\$0.00
		Stamped Asphalt		SF			\$0.00	Yes	\$0.00	\$0.00
		Stamped Concrete		SF			\$0.00	Yes	\$0.00	\$0.00
		Concrete		SF			\$0.00	Yes	\$0.00	\$0.00
		Crosswalk Enhancement		SF			\$0.00	Yes	\$0.00	\$0.00
		Integral Color Concrete		SF			\$0.00	Yes	\$0.00	\$0.00
		Pedestrian ADA Ramp		SF	200	\$20.00	\$4,000.00	Yes	\$3,772.00	\$228.00
Culvert Extensions		LF			\$0.00	Yes	\$0.00	\$0.00		
Pedestrian Lighting Including Conduit And Trenching		Each	20	\$7,000.00	\$140,000.00	Yes	\$132,020.00	\$7,980.00		
Handrail	Standard	LF			\$0.00	Yes	\$0.00	\$0.00		
	Decorative	LF			\$0.00	Yes	\$0.00	\$0.00		
Subtotal Hardscape Construction					\$439,303.00		\$414,262.73	\$25,040.27		
E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	2. Landscaping & Irrigation Items	Requirements	Each		\$0.00	Yes	\$0.00	\$0.00		
		Trees (15 Gallon Size)	Each		\$0.00	Yes	\$0.00	\$0.00		
		Trees (5 Gallon Size)	Each		\$0.00	Yes	\$0.00	\$0.00		
		Shrubs (5 Gallon Size)	Each		\$0.00	Yes	\$0.00	\$0.00		
		Shrubs (1 Gallon Size)	Each		\$0.00	Yes	\$0.00	\$0.00		
		Cactus (5 Gallon Size)	Each		\$0.00	Yes	\$0.00	\$0.00		
		Decomposed Granite	CY			\$0	Yes	\$0	\$0	

Salt River Pima-Maricopa Indian Community: Mesquite Trails to Red Mountain Vista Pedestrian Connector

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

Please provide a detailed cost estimate for this project. The data entered in this cost estimate sheet will automatically transfer into the correct fields in Part E. Rows 1-9 will remain visible at the top of this page at all times.

Sponsoring Agency:		SRPMIC	Project Title:		Mesquite Trails to Red Mountain Vista	Application Date:		9/22/2017				
Part	Item Description				Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
		Organic		CY			\$0	Yes	\$0	\$0		
		Topsoil		CY			\$0	Yes	\$0	\$0		
		Seeding		Acre			\$0	Yes	\$0	\$0		
		Turf Sod		SY			\$0	Yes	\$0	\$0		
		Boulders		Each			\$0	Yes	\$0	\$0		
		Irrigation System	Drip		SF			\$0	Yes	\$0	\$0	
			Turf		SF			\$0	Yes	\$0	\$0	
		Sleeving For Irrigation System	Directional Bore		LF			\$0	Yes	\$0	\$0	
			Cut and Patch		LF			\$0	Yes	\$0	\$0	
		Landscape Header Curb		LF				\$0	Yes	\$0	\$0	
		Landscape Establishment		LS				\$0	Yes	\$0	\$0	
		Subtotal Landscaping & Irrigation Items						\$0			\$0	\$0
	3. Site Furnishings	Benches		Each	3	\$2,500	\$7,500	Yes	\$7,073	\$428		
		Seatwalls		LF			\$0	Yes	\$0	\$0		
		Bike Racks		Each			\$0	Yes	\$0	\$0		
		Trash Receptacles		Each			\$0	Yes	\$0	\$0		
		Drinking Fountains		Each			\$0	Yes	\$0	\$0		
		Signage (Standard Traffic Control)		Each			\$0	Yes	\$0	\$0		
		Signage (Wayfinding)		Each			\$0	Yes	\$0	\$0		
		Tree Grates		Each			\$0	Yes	\$0	\$0		
		Subtotal Site Furnishings						\$7,500		\$7,073	\$428	
		Bicycle and Pedestrian Counter		Each				\$0	Yes	\$0	\$0	
	4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)	Control of Noxious Plants		LS	1	\$4,000	\$4,000	Yes	\$3,772	\$228		
		Fire Hydrant Relocation (New Hydrants)		Each	8	\$4,000	\$32,000	Yes	\$30,176	\$1,824		
		Valve Adjustments		Each	30	\$400	\$12,000	Yes	\$11,316	\$684		
		Sign Relocation		Each	4	\$1,000	\$4,000	Yes	\$3,772	\$228		
		Mailbox Relocation		Each	16	\$300	\$4,800	Yes	\$4,526	\$274		
		Pavement Markings		LF	100	\$10	\$1,000	Yes	\$943	\$57		
								\$0	Yes	\$0	\$0	
								\$0	Yes	\$0	\$0	
								\$0	Yes	\$0	\$0	
		Subtotal Other Construction						\$57,800		\$54,505	\$3,295	
	5. Mobilization And Administration Costs	Contractor Mobilization		LS	1	\$35,000	\$35,000	Yes	\$33,005	\$1,995		
		Traffic Control		LS	1	\$15,000	\$15,000	Yes	\$14,145	\$855		
		Construction Survey & Layout		LS	1	\$15,000	\$15,000	Yes	\$14,145	\$855		
Construction Contingencies			LS	1	\$60,000	\$60,000	Yes	\$56,580	\$3,420			
Construction Administration			LS	1	\$50,000	\$50,000	Yes	\$47,150	\$2,850			
Subtotal Mobilization & Administration Costs							\$175,000		\$165,025	\$9,975		
Subtotal Construction Or Implementation Cost (Part E)												
F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)												
G. Adot Fee Review Fee - \$10,000 for Certified Accepted agencies, otherwise \$30,0000												
H. Total Project Cost Including ADOT Fees (Part F + Part G)												
								\$790,603	\$640,866	\$149,737		
								\$30,000	\$0	\$30,000		
								\$820,603	\$640,866	\$179,737		

PART E - TOTAL PROJECT SCHEDULE AND BUDGET

Please verify that the cost and programming estimates for the total project are correct below. The numeric values on this sheet (in GREY) are automatically populated from the cost estimate sheet (Part D) and cannot be modified. If there are any errors in the numeric values on this sheet, please verify and correct the numbers you have entered into the cost estimate sheet (Part D). You MUST fill in the GREEN portions of Part E manually.

The design for the project should be programmed at least 1 year, preferably 2 years, prior to construction. Utilities and right of way should be programmed at least 1 year prior to construction, but may occur in the same year as construction depending on utility and right of way concerns that are identified in questions 24-27 in Part B.

Cost Estimate for the Project Including ALL Segments	Cost	Additional Notes (if needed)
1. ADOT Fee	\$30,000	
2. Design	\$111,000	
3. Right of way	\$0	
4. Utilities	\$0	
5. Construction	\$619,603	
6. Contingency	\$60,000	No more than 20% of Construction Cost
7. Total Cost	\$820,603	

8. Will the agency maintain the improvement after it is completed? Yes

9. Expected Annual Maintenance Cost 2,000

10. Identify Source of Maintenance Funds Tribal Maintenance Funds

Requested MAG Programming	Year	Short Work Description (E.g. Construct Multiuse Path)	Local Funding Source	Local Cost	Federal Cost	Total Cost	Local Share
11. Design (Optional)	2019		Other	\$111,000	Not Available	\$111,000	100.0%
12. Right of way (Optional)				\$0	Not Available	\$0	
13. Utilities (Optional)				\$0	Not Available	\$0	
14. Other (Optional)	2019	ADOT Review Fee	Other	\$30,000	Not Available	\$30,000	100.0%
15. Construction	2021	Construct 8-foot Wide Sidewalk	Other	\$38,737	\$640,866	\$679,603	5.7%
16. Total Costs				\$179,737	\$640,866	\$820,603	21.9%

PART F - SIGNATURE AND CHECKLIST

Checklist

This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.

COVER SHEET	C
Cover Sheet is completely filled out	C
PART A - Contacts and Project Description Fields	C
Contact Information, fields 1 – 5 are complete	C
Project Description, fields 6 - 8 are complete	C
PART B - Project Description	C
Fields 1 - 14 (Project Description) are complete	C
Fields 15 - 17 (Transit) are complete	C
Fields 18 – 22 (Attractors and Demographics) are complete	C
Fields 23 – 30 (Traffic, Environmental, ROW, and Utilities) are complete	C
Fields 31 – 33 (Guidelines, Policies, and Plans) are complete	C
Fields 34 – 37 (Maintenance, Performance Measurement, and Wayfinding) are complete	C
PART C - Required Attachments	C
Field 1 - Map showing the general location of the proposed project in relation to the region, including a north arrow provided in the printed application and the PDF application.	C
Field 2 - Map with streets labeled showing the detailed location(s) of the proposed project, including a north arrow provided in the printed application and the PDF application.	C
Field 3 - Up to four (4) photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).	C
Field 4 - Simple diagram of the current typical cross section of the segment, that shows the right of way limits, widths, sidewalks and shoulders (if any), and the lanes of travel in the printed application and the PDF application.	C
(OPTIONAL)- Up to two (2) photos/renderings of the completed project are provided in the printed application and the PDF application.	C
(OPTIONAL) - Up to three (3) letters of support for the project are provided in the printed application and the PDF application.	C
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	C
PART D - Cost Estimate Worksheet	C
Sponsoring Agency, Project Title, and Application Date are complete	C
Part A - Scoping is complete	C
Part B - Final Preliminary Engineering Design is complete	C
Part C - Right-of-Way Acquisition is complete	C
Part D - Utility Relocation is complete	C
Part E - Construction or Implementation is complete	C
Parts F, G, and H - Costs are complete and accurate	C
PART E - Total Project Schedule and Budget Including All Segment Fields	C
Fields 1 – 7 are complete and costs are accurate	C

Field 8 - 10 are complete	
Fields 11 – 15 Years are complete	
Fields 11 – 15 Local Funding Sources are complete	
Fields 11 – 15 Local Costs are complete and accurate	

Field 11 - 15 Federal Costs are complete and accurate	
Field 16 Total Costs are complete and accurate	
PART F - Signature and Checklist	C
Entire checklist is completed.	
Form is signed by MAG member agency's manager/administrator or designated representative.	
Name, title and date fields under the signature are completed.	

SIGNATURE(S):

As the MAG member agency's manager/administrator or designated representative, I certify that this application is accurate and complete and that the project was included in the sponsoring MAG member agency's local CIP/TIP if the project is selected for federal funding.

Signature:	
Name:	Bryan Meyers
Title:	Community Manager
Date:	

Instructions for the Submittal of GIS Data for Funding Applications

It is preferred that, when possible, member agencies submit GIS data representing the locations of projects defined in their Applications. For member agencies unable to meet this requirement, MAG staff is available to assist in this area.

Submission Requirements

GIS Data – For each geometry type (point, line, polygon), please provide a single GIS shapefile or feature class for your jurisdiction. Example: if you are submitting Project Applications that are for both linear features (bike lanes) and point features (crossings), you would submit a total of two shapefiles or geodatabase feature classes along with your Project Application.

File Formats – Agencies that are able to submit GIS data along with Applications shall provide the data in one of three formats that are compatible with ESRI products: (1) shapefile, (2) Personal Geodatabase, or (3) File Geodatabase.

Spatial Reference – The preferred spatial reference system of submitted GIS data is State Plane Arizona Central NAD 83 HARN.

Attributes – All GIS data submitted shall, at a minimum, have the following attributes:

- PROJECT_TITLE – the name of the project; this should be the same as the Project Title in the Project Application
- LOCATION – (optional) a description of the location of the project. Linear features should be described by their start and end locations. Polygon features should be described using streets, water courses, canals, city boundaries, or other landmarks as a means of describing the location of the project.

ADOT Review Fees for Certification Accepted Agencies/1

ADOT SECTION	FUNCTION	RATE	HOURS	CHARGE/2
Environmental Planning	Environmental Planning	\$ 50	100	\$ 5,000
Urban Project Management	Project Manager	\$ 60	60	\$ 3,600
Urban Project Management	Project Coordinator	\$ 60	20	\$ 1,200
SUBTOTAL			180	\$ 9,800
STAFF GRAND TOTAL				\$ 10,000

ADOT Review Fees for Non Certification Accepted Agencies/1

ADOT SECTION	FUNCTION	RATE	HOURS	CHARGE/2
Contracts and Specs	Contracts and Specs	\$ 60	200	\$ 12,000
District	District	\$ 55	18	\$ 990
Engineering Consulting Section	Engineering Consulting Section	\$ 40	24	\$ 960
Environmental Planning	Environmental Planning	\$ 50	100	\$ 5,000
Materials	Geotech Design	\$ 50	15	\$ 750
Materials	Geotech Field Investigation	\$ 50	5	\$ 250
Right of Way	Plans	\$ 50	40	\$ 2,000
Roadway Group	Roadway Design	\$ 55	40	\$ 2,200
Roadway Group	Roadway Review	\$ 70	5	\$ 350
Traffic	Traffic Design	\$ 55	45	\$ 2,475
Urban Project Management	Project Manager	\$ 60	40	\$ 2,400
Urban Project Management	Project Coordinator	\$ 60	10	\$ 600
SUBTOTAL			542	\$ 29,975
STAFF GRAND TOTAL				\$ 30,000

Notes:

1. Based on material provided by ADOT in July, 2015. All functions, rates, hours and costs are as listed in the material provided by ADOT. Items listed in the ADOT information for which no rates, hours and costs were included were omitted from the table.

2. Charges to agencies will be based on work performed by ADOT. Costs accrued will vary depending on project characteristics and may be either higher or lower than those listed in the table.

TRANSPORTATION ALTERNATIVES PROGRAM

Eligible Activities

Through consultation with MAG member agencies and with the approval of the MAG Regional Council, MAG has determined that the MAG Transportation Alternatives program will prioritize the following eligible activities:

1) Transportation Alternatives as defined in 23 U.S.C. 101(a)(29) (MAP-21 §1103):

- A. Construction of on-road and off-road trail facilities for pedestrians, bicyclists, and other nonmotorized forms of transportation, including sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety-related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act of 1990 (42 USC 12101 et seq.).
- B. Construction of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs.
- C. Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other nonmotorized transportation users.

2) The safe routes to school (SRTS) program eligible projects and activities listed at section 1404(f) of the SAFETEA-LU:

- A. Infrastructure-related projects
http://www.fhwa.dot.gov/environment/safe_routes_to_school/guidance/#toc123542197
- B. Noninfrastructure-related activities (There is a separate MAG application for non-infrastructure SRTS)
http://www.fhwa.dot.gov/environment/safe_routes_to_school/guidance/#toc123542199

Eligible Project Sponsors

MAG has determined that, in order to qualify for MAG TA funding, any project application MUST be submitted by a MAG Member agency. Eligible entities who are not MAG Member Agencies may partner with a MAG Member Agency to submit a project, but the MAG Member Agency must be the primary project applicant.

Under 23 U.S.C. 213(c)(4)(B), the **Eligible Entities** to receive TAP funds are:

Local governments, regional transportation authorities, transit agencies, natural resource or public land agencies, school districts, local education agencies, or schools, tribal governments, and any other local or regional governmental entity with responsibility for oversight of transportation or recreational trails (other than a metropolitan planning organization or a State agency) that the State determines to be eligible, consistent with the goals of subsection (c) of section 213 of title 23.

State DOTs and MPOs are not eligible entities as defined under 213(c)(4)(B) and therefore are not eligible project sponsors for TAP funds. However, State DOTs and MPOs may partner with an eligible entity project sponsor to carry out a project.

MAG TA PROGRAM GOALS

1. Improve pedestrian and bicyclist accessibility and connectivity on the transportation network.
2. Assist in providing a safe environment for the bicyclists and pedestrians on both the on-street and the off-street transportation networks.
3. Make bicycling and walking to public K-8 schools a safer and more desirable transportation alternative to motorized vehicles.

DEFINITIONS:

Accessibility: The ability of transportation infrastructure improvements to provide better access to transit stops, destinations, schools, homes/subdivisions, and employment for people that are walking or biking for all ages and abilities.

Connectivity: The ability of transportation infrastructure improvements to link the proposed project to other bike/pedestrian facilities, completing a gap in a bike/pedestrian facility, or a city/town.

Safety: Projects that make a street safer by addressing a perceived or observed safety problem, including (but not limited to): high vehicle speed, crashes, striping, intersection crossings, or mid-block crossings.

MAG TA PROGRAM OBJECTIVES

- Fund eligible Transportation Enhancement and Safe Routes to School (SRTS) projects through the federal MAP-21 Transportation Alternatives fund.
- Fund bike and pedestrian improvement projects that provide a safe transportation route or improve a transportation route for (K-8) students to schools.
- Fund bike and pedestrian improvement projects that address a perceived or observed problem/safety issue, including (but not limited to) unsafe street crossings; missing, narrow or poorly maintained sidewalks; adding/improving bike lanes (restriping, widening, colored pavement); or disconnected/inaccessible bike or pedestrian facilities, while connecting residents to transit stops/centers or other destinations.
- Fund Safe Routes to School (SRTS) non-infrastructure projects that educate and encourage K-8 students, parents, and school resources officers/staff on bicycle and walking options.
 - o GUIDELINE - Funding will be set aside at 9% of total Transportation Alternatives funding, with a maximum yearly total of \$400,000. If the total value of projects awarded for Safe Routes to School non-infrastructure projects is less than the total programmed set-aside, remaining funds will be applied toward eligible infrastructure projects.
 - o GUIDELINE – These projects will need to evaluate on a quarterly basis as required by the federal government, and address enforcement and encouragement. .
- Utilize evaluative tools based on quantitative and qualitative performance measures to inform project rankings in the application process.

Agencies	YesNo	FacilityTypes
Apache Junction	X	Arterial Road
Avondale		Collector Road
Buckeye		Residential Road
Carefree		Unpaved Road/Path
Cave Creek		Project is Off-Street
Chandler		
El Mirage		
Florence		
Fort McDowell Yavapai Nation		
Fountain Hills		
Gila Bend		
Gila River Indian Community		
Gilbert		
Glendale		
Goodyear		
Guadalupe		
Litchfield Park		
Maricopa, City of		
Maricopa County		
Mesa		
Paradsie Valley		
Peoria		
Phoenix		
Pinal County		
Queen Creek		
Salt River Pima-Maricopa Indian Community		
Scottsdale		
Surprise		
Tempe		
Tolleson		
Valley Metro Rail		
Valley Metro/RPTA		
Wickenburg		
Youngtown		

SpeedLimits	Travellanes	Density	Policies	Years	LocalFunds	FedYears	YN
n/a	n/a	+15 Units	Required	2016	HURF	2021	Yes
					Bond		
15	2	15-5 Units	Recommen	2017	Proceeds	2022	No
					General		
20	3	< 5 Units	Not Addres	2018	Fund		
					Impact		
25	4			2019	Fees		
30	5			2020	Private		
					Property		
35	6				Tax		
40	7				Sales Tax		
45	8				Other		
50	9						
55							

FedClass	Eligible	FedShare Units	Environmental	Agencies
Principal Arterial	TRUE	0.943 LF	Locally Funded	APJ
Minor Arterial	FALSE		Federally Funded	AVN
Major Collector			Advance Constructed	BKY
Local Street				CFE
Not Classified				CVK
				CHN
				ELM
				FLO
				FTM
				FTH
				Gila Bend
				Gila River Indian Communi
				GLB
				GLN
				GDY
				GDL
				LPK
				MAR
				MMA
				MES
				PVY
				PEO
				PHX
				PNL
				QNC
				SRP
				SCT
				SUR
				TMP
				TOL
				VMR
				VMA
				WKN
				YTN

ty

CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM

Federal Eligibility Requirements

Title 23, Section 149 of the United States Code and as implemented in federal regulations provides for a number of eligibility requirements for CMAQ funding. These include the following:

- 1) The project must be located in a nonattainment area or maintenance area for at least one of the following: carbon monoxide, ozone, particulate matter (PM-10 and PM-2.5)
- 2) The project may not add through lane capacity

MAG Requirements for the Current Call for Projects

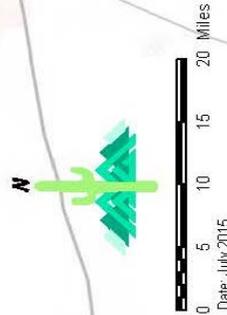
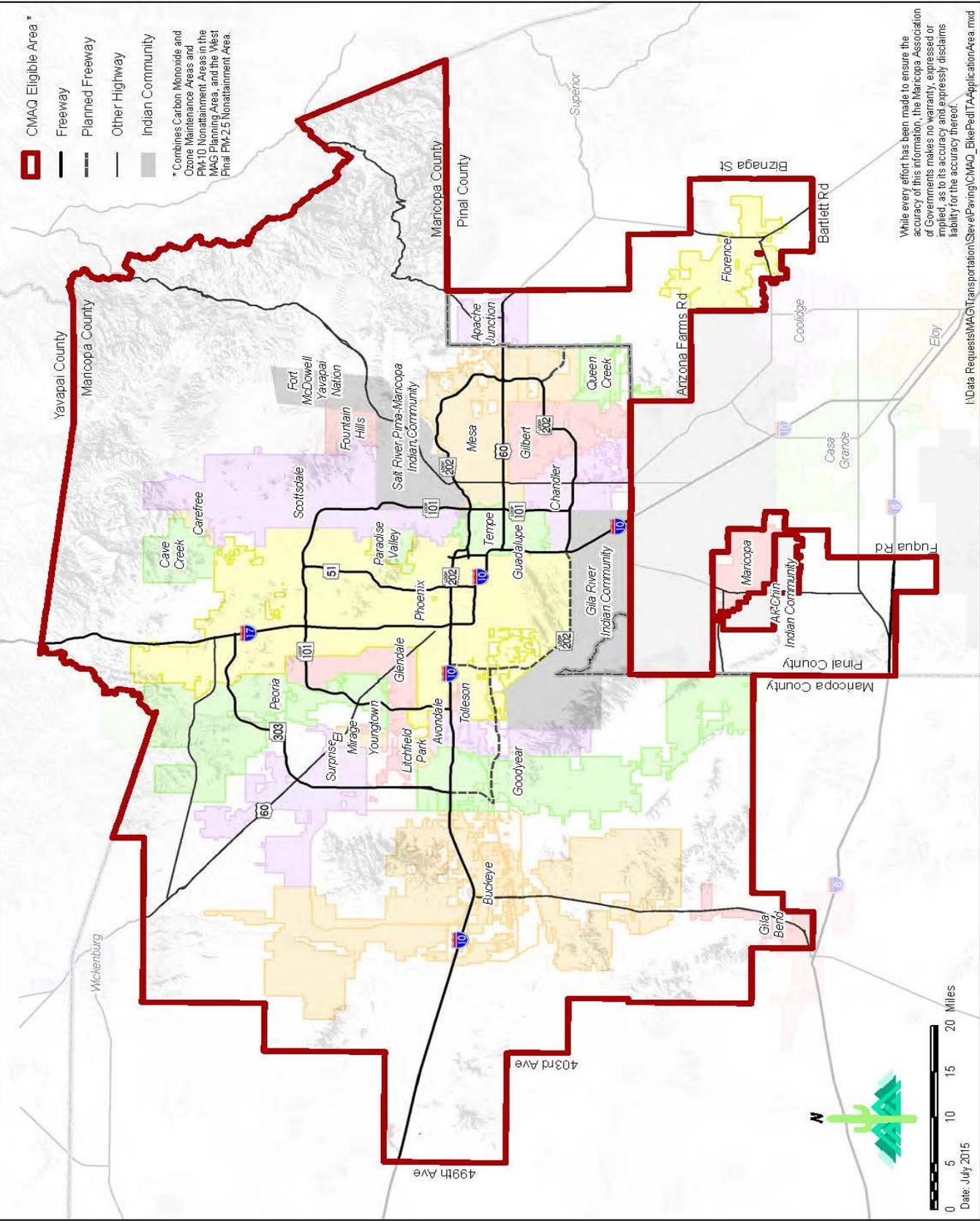
MAG has the following requirements:

- 1) The call for projects in the application is limited to MAG member agencies. Member agencies may sponsor projects on behalf of third parties, but must comply with all applicable State and Federal regulations.



CMAQ Bicycle/Pedestrian and ITS Application Area

- CMAQ Eligible Area *
 - Freeway
 - Planned Freeway
 - Other Highway
 - Indian Community
- * Combines Carbon Monoxide and Ozone Maintenance Areas and PM-10 Nonattainment Areas in the MAG Planning Area, and the West Pinal PM-2.5 Nonattainment Area.

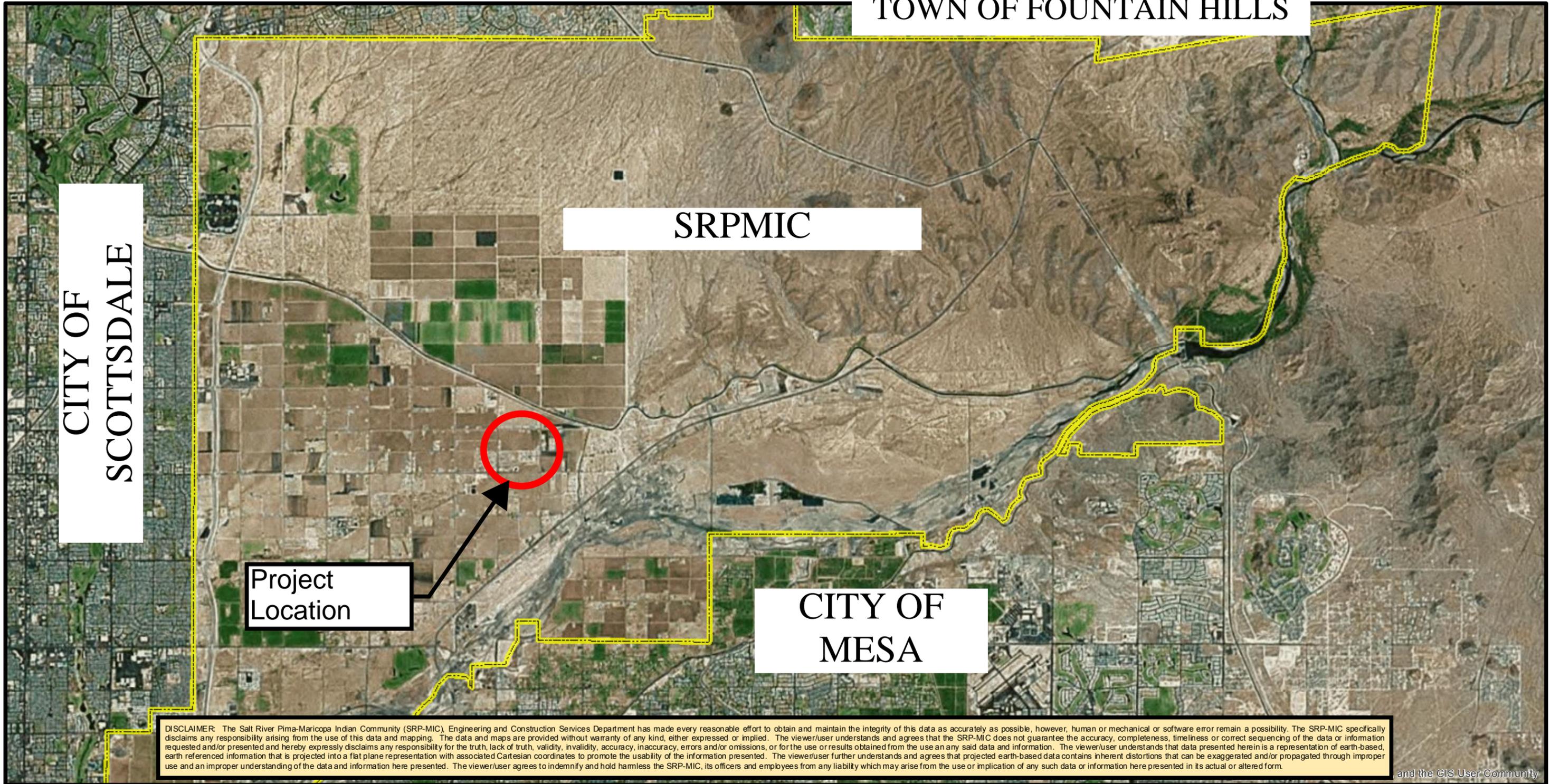


While every effort has been made to ensure the accuracy of this information, the Maricopa Association of Governments makes no warranty, expressed or implied, as to its accuracy and expressly disclaims liability for the accuracy thereof.

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Title

TOWN OF FOUNTAIN HILLS



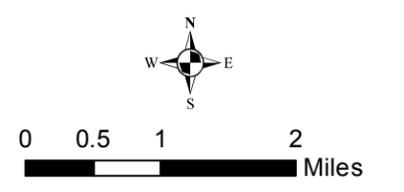
DISCLAIMER: The Salt River Pima-Maricopa Indian Community (SRP-MIC), Engineering and Construction Services Department has made every reasonable effort to obtain and maintain the integrity of this data as accurately as possible, however, human or mechanical or software error remain a possibility. The SRP-MIC specifically disclaims any responsibility arising from the use of this data and mapping. The data and maps are provided without warranty of any kind, either expressed or implied. The viewer/user understands and agrees that the SRP-MIC does not guarantee the accuracy, completeness, timeliness or correct sequencing of the data or information requested and/or presented and hereby expressly disclaims any responsibility for the truth, lack of truth, validity, invalidity, accuracy, inaccuracy, errors and/or omissions, or for the use or results obtained from the use of any said data and information. The viewer/user understands that data presented herein is a representation of earth-based, earth referenced information that is projected into a flat plane representation with associated Cartesian coordinates to promote the usability of the information presented. The viewer/user further understands and agrees that projected earth-based data contains inherent distortions that can be exaggerated and/or propagated through improper use and an improper understanding of the data and information here presented. The viewer/user agrees to indemnify and hold harmless the SRP-MIC, its officers and employees from any liability which may arise from the use or implication of any such data or information here presented in its actual or altered form.

and the GIS User Community

Legend

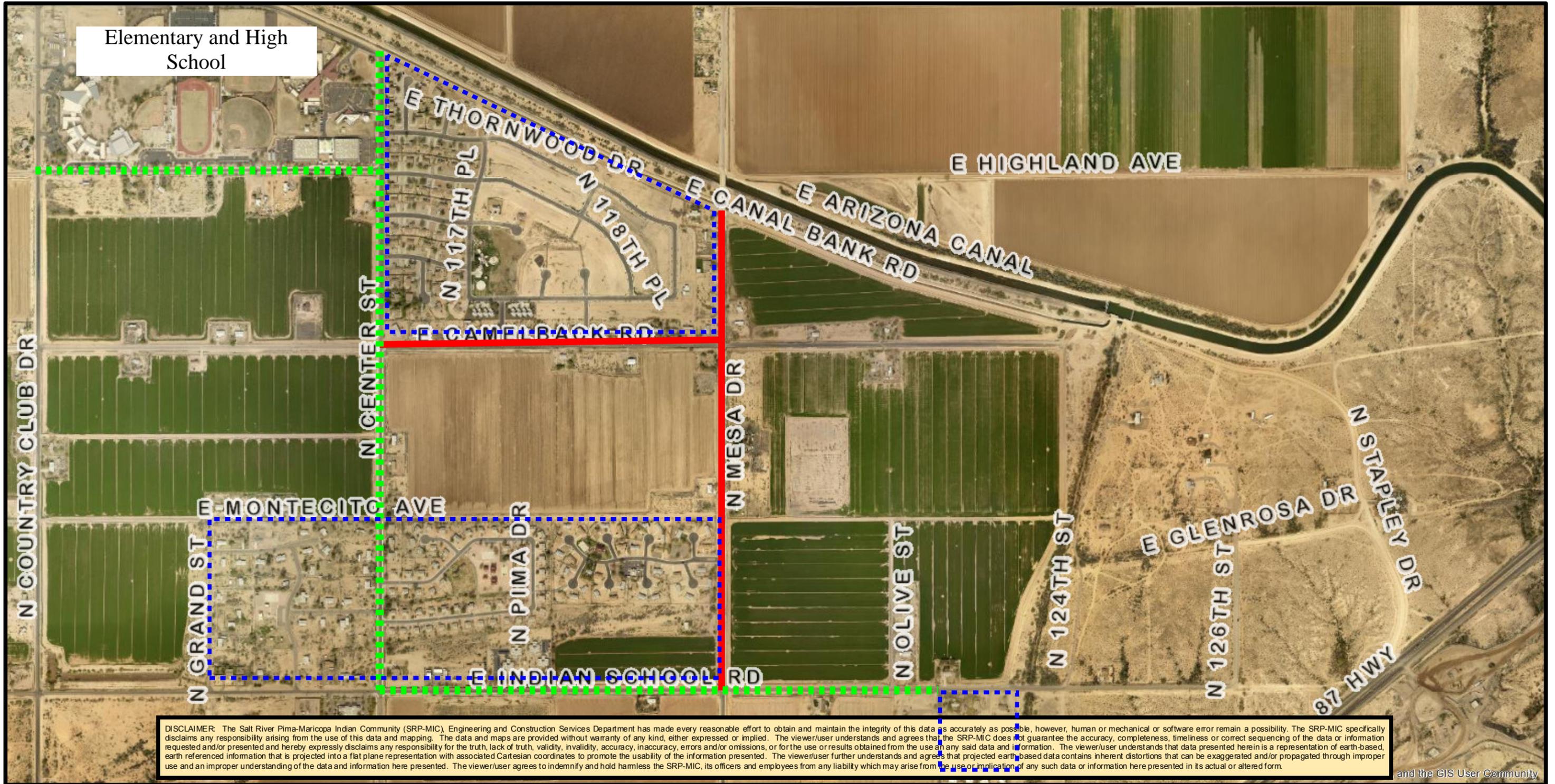
 Community Boundary

REGIONAL LOCATION MAP



Date: September 06, 2017
 Author:
 Created on: Azimuth

Title



DISCLAIMER: The Salt River Pima-Maricopa Indian Community (SRP-MIC), Engineering and Construction Services Department has made every reasonable effort to obtain and maintain the integrity of this data as accurately as possible, however, human or mechanical or software error remain a possibility. The SRP-MIC specifically disclaims any responsibility arising from the use of this data and mapping. The data and maps are provided without warranty of any kind, either expressed or implied. The viewer/user understands and agrees that the SRP-MIC does not guarantee the accuracy, completeness, timeliness or correct sequencing of the data or information requested and/or presented and hereby expressly disclaims any responsibility for the truth, lack of truth, validity, invalidity, accuracy, inaccuracy, errors and/or omissions, or for the use or results obtained from the use of any said data and information. The viewer/user understands that data presented herein is a representation of earth-based, earth referenced information that is projected into a flat plane representation with associated Cartesian coordinates to promote the usability of the information presented. The viewer/user further understands and agrees that projected earth-based data contains inherent distortions that can be exaggerated and/or propagated through improper use and an improper understanding of the data and information here presented. The viewer/user agrees to indemnify and hold harmless the SRP-MIC, its officers and employees from any liability which may arise from the use or implication of any such data or information here presented in its actual or altered form.

and the GIS User Community

Legend

Streetnames

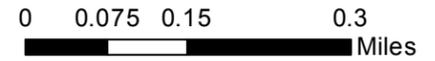
Community Boundary

Proposed 8-foot sidewalk

Existing Pedestrian Facilities

Existing sidewalk within subdivision

VICINITY MAP



Date: September 06, 2017
 Author:
 Created on: Azimuth

ADDITIONAL PHOTOS



Camelback Road, looking east.



Students walking north on Mesa Drive

ADDITIONAL PHOTOS

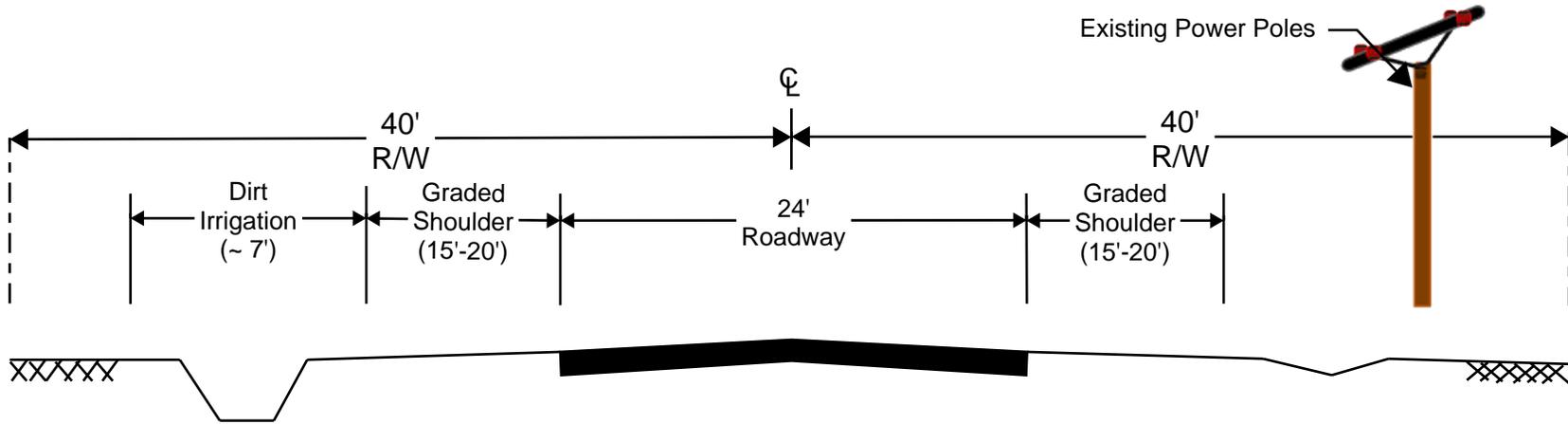


Students waiting for bus on Mesa Drive

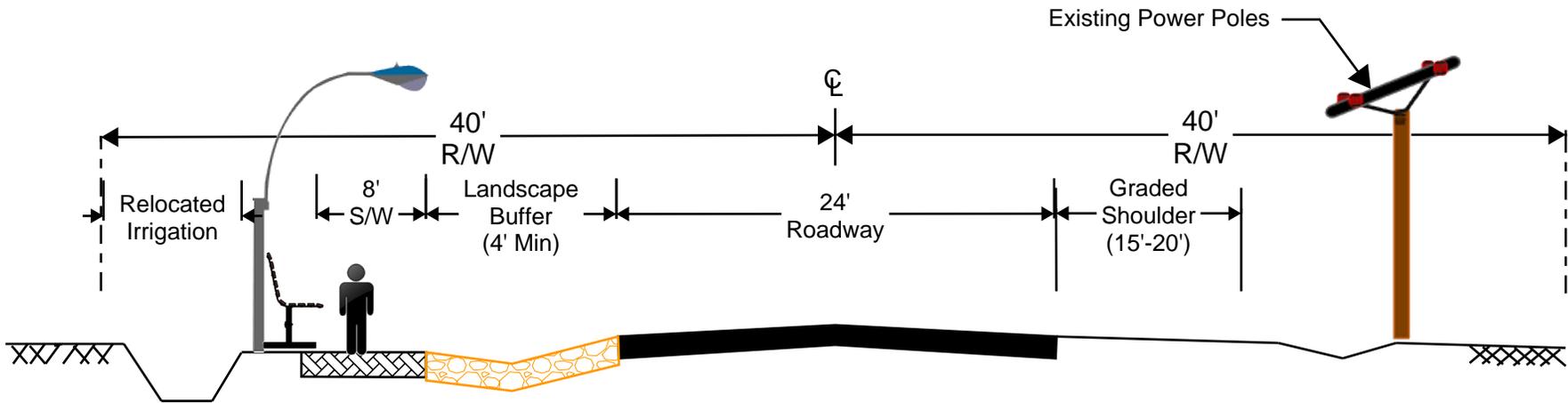


Looking north on Mesa Drive

TYPICAL SECTIONS



TYPICAL SECTION
EXISTING CONDITIONS



TYPICAL SECTION
PROPOSED CONDITIONS
(Sidewalk, Landscape Buffer, Lighting, Benches)



10005 East Osborn Rd.
Scottsdale, AZ 85256

September 21, 2017

Dear Grant Committee,

Salt River Schools is very happy to submit this letter of support for the Mesquite Trails to Red Mountain Vista Pedestrian Connection. A pedestrian walkway on Camelback Road and Mesa Drive will complete the connection between these neighborhoods and the Salt River Schools Campus. Salt River Elementary School serves about 385 students in grades K-6 and the Salt River High School serves about 240 students in grades 7-12. This grant will encourage more of our students to walk, bicycle or skateboard to school. We positively promote healthy lifestyles in a variety of ways and hope to have more activities encouraging families to walk together.

This project is supported by the school administration and the Safe Routes to School Committee, which consists of the elementary school and high school Principals, the schools' Parent Involvement Coordinators, Security Manager, Grants Administrator, Transportation manager, School Resource Officers, and Chief Financial Officer. The team is committed to providing outreach once the project is complete to help promote healthy and safe use of the facilities. The O'Odham and Piipaash people, the community that we serve, has the highest diabetes rate in the nation. Our schools are committed to working with our Tribal Health offices and the community in general to provide more programs that encourage activity. In addition, the sidewalk project will help provide safer walking areas to the Salt River Schools Campus.

We encourage your favorable consideration of the Mesquite Trails to Red Mountain Vista Pedestrian Connection project. Feel free to contact Chris McIntier, Grants and Special Projects Administrator for further information. She can be reached at chris.mcintier@srpmic-ed.org or at (480) 362-2522.

Sincerely,

Dr. Louis Laffitte, Jr.
Superintendent

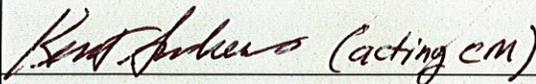
Optional Attachment: Two photos of Longmore Road, a CMAQ pedestrian project completed in 2017. The current project will be similar in nature.



Field 11 - 15 Federal Costs are complete and accurate	Yes
Field 16 Total Costs are complete and accurate	Yes
PART F - Signature and Checklist	Complete?
Entire checklist is completed.	Yes
Form is signed by MAG member agency's manager/administrator or designated representative.	Yes
Name, title and date fields under the signature are completed.	Yes

SIGNATURE(S):

As the MAG member agency's manager/administrator or designated representative, I certify that this application is accurate and complete and that the project will be included in the sponsoring MAG member agency's local CIP/TIP if the project is selected for federal funding.

Signature:	
Name:	Bryan Meyers
Title:	Community Manager
Date:	9/22/2017