

# Transportation Alternatives (TA) / CMAQ Application For FY 2023 and FY 2024 Projects



**Due: September 16, 2019 at 10:00 a.m.**

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

**Est. TA Amount Available in Millions: \$5.9., and \$5.2 (\$11.1 total)**

**Est. CMAQ Amount Available in Millions: \$11.3, and \$9.9 (\$21.2 total)**



**INSTRUCTIONS AND SCHEDULE**

**The due date and time for project applications to be submitted to MAG is  
Monday, September 16, 2019 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 FY2020-FY 2024 MAG Transportation Improvement Program. Funding is available for Federal Fiscal Year (FFY) 2023 and 2024.

Applications are due to MAG on **Monday, September 16, 2019 at 10:00. Late applications will not be accepted.**

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 - Budget and Signature Page
- Part F - Checklist
- 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**

Send the following to MAG:

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

Two methods are provided to transmit files to MAG as follows:

**Method 1 EMAIL:** To Email the application to MAG, please do the following:

1. Save the files to be transmitted to MAG in a place you can find. Zip all files to submit into a single file.
2. Click on the following hyperlink to open an email window, attach the application files and press the send button.

[EMAIL APPLICATION TO MAG](#)

**Method 2 DROPBOX:** If the application is to large to be sent by email or you would like immediate confirmation of your transmittal, please do the following:

1. Save all files to be transmitted to MAG in a place you can find
2. ZIP the files
3. Click the following hyperlink to upload the files to Dropbox

[DROP THE APPLICATION IN THE BOX](#)

**Application Workshops and Open Working Group Meeting Schedule\***

| Date                    | Time        | Room    | Workshop/Open Working Group  |
|-------------------------|-------------|---------|--|
| Tuesday, August 6, 2019 | 10:00:00 AM | Saguaro | Workshop on MAG Transportation Programming and Federal Fund Project Applications |

**INSTRUCTIONS AND SCHEDULE**

**The due date and time for project applications to be submitted to MAG is  
Monday, September 16, 2019 at 10:00 a.m.**

|                          |             |           |  |
|--------------------------|-------------|-----------|--|
| Tuesday, August 13, 2019 | 10:00:00 AM | Chaparral | Open Working Group - Federal Fund Project Applications |
| Tuesday, August 27, 2019 | 1:00:00 AM  | Chaparral | Open Working Group - Federal Fund Project Applications |

\* All meetings will be held on the 2nd floor of the MAG Offices at 302 N. 1st Avenue, Phoenix, AZ 85003

**MAG Contact Information**

| <b>Contact Name</b> | <b>Phone</b> | <b>E-Mail Address</b>  |
|---------------------|--------------|--|
| MAG Offices         | 602-254-6300 |  |
| Jason Stephens      | 602-254-6300 | <a href="mailto:Jstephens@azmag.gov">Jstephens@azmag.gov</a> |
| Teri Kennedy        | 602-254-6300 | <a href="mailto:TKennedy@azmag.gov">TKennedy@azmag.gov</a>   |
| Stephen Tate        | 602-452-5010 | <a href="mailto:STate@azmag.gov">STate@azmag.gov</a>         |



Transportation Alternatives / CMAQ Application for  
FY 2023 and FY 2024 Projects

**APPLICATIONS ARE DUE AT MAG OFFICES BY  
Monday, September 16, 2019 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  | <a href="mailto:rick.mcfarlin@srpmic-nsn.gov">rick.mcfarlin@srpmic-nsn.gov</a> |
| 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"/> |
| <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="checkbox"/> 4 Number of Seating/Rest Area(s)              |
| <input type="checkbox"/> Number of Drinking Fountains            | <input type="checkbox"/> Number of bicycle/pedestrian counting devices |
| <input type="checkbox"/> Number of Way-finding Signs             | <input type="checkbox"/> Number of bicycle/pedestrian counting devices |
| <input type="checkbox"/> Number of Trash receptacles             | Other:   |
| <input type="checkbox"/> Number of Trees                         | <input type="text" value="26 Pedestrian/Street Lights"/>               |
| <input type="checkbox"/> Number of new openings in street walls  |  |
| <input checked="" type="checkbox"/> 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 routes, 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 a new 8-foot wide detached sidewalk, along the north side of Camelback Road from Center Street to Mesa Drive (0.5 miles) and on the west side of 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 amenities 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

Empty box for other safety improvements.

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 an accessible surface for persons with disabilities to reach their destinations. It will also include new ADA approved sidewalk ramps at the intersections returns as well as any designated crosswalk locations that will assist those with disabilities in crossing the street. These facilities do not currently exist in this area.

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?

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

PART B-DETAILED PROJECT DESCRIPTION

Adding amenities such as sidewalk, street lighting and landscape all provide improvements which 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:

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):

Within 1/4 mile

List:

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

PART B-DETAILED PROJECT DESCRIPTION

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:

23. What are the demographics of the area served:

[MAG Demographic Mapping](#)

53 People Per Square Mile

34 % Families in Poverty

Use the MPO/COG Demographic Mapping link above. Zoom in to your project area. On the left-hand side of the screen, under select "Reports", then select "Custom Geography". Next, click the "Corridor of Interest" button. 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 panel will appear with a report that summarizes the selected block groups. You may export the results to Excel (click the "Export to Excel" button) 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:

Camelback Road - Center Street to Mesa Drive and Mesa Drive - Indian School to Arizona Canal

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:

Major Collector

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

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

**PART B-DETAILED PROJECT DESCRIPTION**

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

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.

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**PART B-DETAILED PROJECT DESCRIPTION**

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

Yes  No

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                       | Other:<br><input type="text"/> |                    |
| <input checked="" type="checkbox"/> | Power Lines & Cables                    |                                |                    |
| <input checked="" type="checkbox"/> | Pipelines, Sewer and Water              |                                |                    |

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:<br><input type="text" value="SRPMIC Supplements to MAG, 2019 SRPMIC Long Range Transportation Plan and 2009 SRPMIC School Bus Operations: Bus Stop Safety and Traffic Flow Impact Study, 2019 Tribal Transportation Safety Plan"/> |
| <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)

Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source)  
List:

Consistent with general policy/practices, but not formally identified (provide source)  
Explain:

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.

N/A

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

N/A

| <b>Part C - Required Attachments</b>   |
|--|
| <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><b><u>PLEASE INCLUDE EACH ATTACHMENT AS A SEPARATE .JPEG OR .PDF FILE ON YOUR APPLICATION CD.</u></b></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>   |
| <b>Required Attachments:</b>   |
| <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>   |
| <b>OPTIONAL Attachments:</b>   |
| <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 Connection

**PART D - PROJECT COST ESTIMATE WORKSHEET**  
**(Cost Estimates Are Required Regardless of Programming)**

| REQUESTED PROGRAMMING  | Location Description                              |                | Salt River Pima-Maricopa Indian Community |          |           |                |                  |                  |                |               |
|--|---|----------------|---|----------|-----------|----------------|------------------|------------------|----------------|---------------|
|  | Work Description                                  | Funding Source | New 8' Sidewalk with lighting             |          |           |                |                  |                  |                |               |
| COST ESTIMATE FOR PROCUREMENT  |   |                | UNITS                                     | QUANTITY | UNIT COST | TOTAL          | USES FEDERAL AID | FEDERAL          | LOCAL          |               |
| PROCUREMENT  | Place for entering item #1                        |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #2                        |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #3                        |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #4                        |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #5                        |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #6                        |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #7                        |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #8                        |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #9                        |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #10                       |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #11                       |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #12                       |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #13                       |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #14                       |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #15                       |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #16                       |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #17                       |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #18                       |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #19                       |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Place for entering item #20                       |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | <b>TOTAL - PROCUREMENT</b>                        |                |   |          |           |                |                  |                  |                |               |
| DESIGN   | Location Description                              |                | Salt River Pima-Maricopa Indian Community |          |           |                |                  |                  |                |               |
|  | Work Description                                  |                | New 8' Sidewalk with lighting             |          |           |                |                  |                  |                |               |
|  | Funding Source                                    |                | Local                                     |          |           |                |                  |                  |                |               |
|  | Preferred Year to Program Work                    |                | 2021                                      |          |           |                |                  |                  |                |               |
|  | COST ESTIMATE FOR DESIGN                          |                |   | UNITS    | QUANTITY  | UNIT COST      | TOTAL            | USES FEDERAL AID | FEDERAL        | LOCAL         |
|  | Topographic Survey                                |                | LS  | 1        | 10,000    | 10,000         | No               |                  |                | 10,000        |
|  | Design Concept Report (DCR)                       |                | LS  | 1        | 5,000     | 5,000          | No               |                  |                | 5,000         |
|  | Federal Project Environmental Determination       |                | LS  | 1        | 3,000     | 3,000          | No               |                  |                | 3,000         |
|  | HAZMAT Assessment                                 |                | LS  | 1        |           |                | No               |                  |                |               |
|  | <b>SUBTOTAL - PRELIMINARY ENGINEERING COSTS</b>   |                |   |          |           |                | <b>18,000</b>    |                  |                | <b>18,000</b> |
| Plans, Specifications, Cost Estimates, Bidding                                 |   | LS             | 1   | 85,000   | 85,000    | No             |                  |                  | 85,000         |               |
| Geotechnical Report  |   | LS             | 1   | 5,000    | 5,000     | No             |                  |                  | 5,000          |               |
| Drainage Report  |   | LS             | 1   | 5,000    | 5,000     | No             |                  |                  | 5,000          |               |
| SWPPP  |   | LS             | 1   | 3,500    | 3,500     | No             |                  |                  | 3,500          |               |
| <b>SUBTOTAL - FINAL DESIGN COSTS</b>   |   |                |   |          |           | <b>98,500</b>  |                  |                  | <b>98,500</b>  |               |
| <b>TOTAL PRELIMINARY ENGINEERING AND DESIGN COST AVAILABLE FOR PROGRAMMING</b> |   |                |   |          |           | <b>116,500</b> |                  |                  | <b>116,500</b> |               |
| RIGHT OF WAY   | Location Description                              |                | Salt River Pima-Maricopa Indian Community |          |           |                |                  |                  |                |               |
|  | Work Description                                  |                | New 8' Sidewalk with lighting             |          |           |                |                  |                  |                |               |
|  | Funding Source                                    |                | Local                                     |          |           |                |                  |                  |                |               |
|  | Preferred Year to Program Work                    |                | 2021                                      |          |           |                |                  |                  |                |               |
|  | COST ESTIMATE FOR RIGHT OF WAY                    |                |   | UNITS    | QUANTITY  | UNIT COST      | TOTAL            | USES FEDERAL AID | FEDERAL        | LOCAL         |
|  | Appraisals and Title Reports                      |                | LS  | 1        |           |                | No               |                  |                |               |
|  | Road Right of Way                                 |                | LS  | 1        |           |                | No               |                  |                |               |
|  | Temporary Construction Easements                  |                | LS  | 1        |           |                | No               |                  |                |               |
|  | Drainage Easement                                 |                | LS  | 1        |           |                | No               |                  |                |               |
|  | Utility Easements/Right of Way                    |                | LS  | 1        |           |                | No               |                  |                |               |
|  | Aerial Electrical Easement                        |                | LS  | 1        |           |                | No               |                  |                |               |
|  | Sign Relocations                                  |                | LS  | 1        |           |                | No               |                  |                |               |
|  | Relocation Expenses                               |                | LS  | 1        |           |                | No               |                  |                |               |
|  | Site Environmental Assessments                    |                | EA  | 1        |           |                | No               |                  |                |               |
|  | Building Demolition                               |                | EA  | 1        |           |                | No               |                  |                |               |
| Other Right of Way Expenses  |   |                | 1   |          |           | No             |                  |                  |                |               |
| Other Right of Way Expenses  |   |                | 1   |          |           | No             |                  |                  |                |               |
| Other Right of Way Expenses  |   | EA             | 1   |          |           | No             |                  |                  |                |               |
| <b>TOTAL - RIGHT OF WAY COSTS</b>  |   |                |   |          |           |                |                  |                  |                |               |
| CONSTRUCTION   | Location Description                              |                | Salt River Pima-Maricopa Indian Community |          |           |                |                  |                  |                |               |
|  | Work Description                                  |                | New 8' Sidewalk with lighting             |          |           |                |                  |                  |                |               |
|  | Funding Source                                    |                | CMAQ                                      |          |           |                |                  |                  |                |               |
|  | Preferred Year to Program Work                    |                | 2023                                      |          |           |                |                  |                  |                |               |
|  | COST ESTIMATE FOR CONSTRUCTION                    |                |   | UNITS    | QUANTITY  | UNIT COST      | TOTAL            | USES FEDERAL AID | FEDERAL        | LOCAL         |
|  | Relocate 69 kv (+) Poles                          |                | EA  | 1        |           |                |                  | Yes              |                |               |
|  | Relocate/Underground 12 kv lines                  |                | LF  | 1        |           |                |                  | Yes              |                |               |
|  | Relocate/Underground Irrigation Canal             |                | LF  | 2,600    | 30        | 78,000         | 78,000           | Yes              | 73,554         | 4,446         |
|  | SWG Relocations                                   |                | LS  | 1        |           |                |                  | Yes              |                |               |
|  | Telephone/Cable TV Relocations                    |                | LS  | 1        |           |                |                  | Yes              |                |               |
|  | Upgrade Railroad Crossings                        |                | LS  | 1        |           |                |                  | Yes              |                |               |
|  | Other Utilities                                   |                | LS  | 1        |           |                |                  | Yes              |                |               |
|  | Other Utilities                                   |                | LS  | 1        |           |                |                  | Yes              |                |               |
|  | <b>SUBTOTAL - UTILITY RELOCATION COSTS</b>        |                |   |          |           |                | <b>78,000</b>    |                  | <b>73,554</b>  | <b>4,446</b>  |
|  | Installation Of SWPP Measures                     |                | LS  | 1        | 3,000     | 3,000          | 3,000            | Yes              | 2,829          | 171           |
|  | Site Preparation                                  |                | LS  | 1        | 10,000    | 10,000         | 10,000           | Yes              | 9,430          | 570           |
|  | Sawcut  |                | LF  | 1,000    | 3         | 3,000          | 3,000            | Yes              | 2,829          | 171           |
|  | Remove Structures and Obstructions                |                | LS  | 1        | 10,000    | 10,000         | 10,000           | Yes              | 9,430          | 570           |
|  | Remove Fencing                                    |                | LS  | 1        |           |                |                  | Yes              |                |               |
|  | Remove Structural Concrete                        |                | LF  | 1        | 3,000     | 3,000          | 3,000            | Yes              | 2,829          | 171           |
|  | Remove Asphaltic Concrete Pavement                |                | SY  | 200      | 15        | 3,000          | 3,000            | Yes              | 2,829          | 171           |
|  | Remove Concrete Sidewalks, Slabs                  |                | SF  | 1        |           |                |                  | Yes              |                |               |
|  | Hazard Abatement                                  |                | SF  | 1        |           |                |                  | Yes              |                |               |
|  | Retaining Wall - Reinforced Concrete Cantilevered |                | LS  | 1        |           |                |                  | Yes              |                |               |
|  | General Excavation                                |                | CY  | 2,581    | 18        | 46,458         | 46,458           | Yes              | 43,810         | 2,648         |
|  | Drainage Excavation                               |                | CY  | 1,633    | 10        | 16,330         | 16,330           | Yes              | 15,399         | 931           |
|  | Structural Excavation                             |                | SY  | 1        |           |                |                  | Yes              |                |               |
|  | Structural Backfill                               |                | SY  | 1        |           |                |                  | Yes              |                |               |
|  | Borrow (In Place)                                 |                | SY  | 1        |           |                |                  | Yes              |                |               |
|  | Curb & Gutter                                     |                | LF  | 1        |           |                |                  | Yes              |                |               |
|  | Aggregate Base                                    |                | CY  | 625      | 11        | 6,875          | 6,875            | Yes              | 6,483          | 392           |
|  | Concrete  |                | SF  | 52,000   | 4         | 182,000        | 182,000          | Yes              | 171,626        | 10,374        |
|  | Colored Concrete                                  |                | SF  | 1        |           |                |                  | Yes              |                |               |
|  | Stamped Color Concrete                            |                | SF  | 1        |           |                |                  | Yes              |                |               |
|  | Precast Concrete Pavers                           |                | SF  | 1        |           |                |                  | Yes              |                |               |
| Asphaltic Concrete   |   | Ton            | 50  | 120      | 6,000     | 6,000          | Yes              | 5,658            | 342            |               |
| Polymer or Resin Stabilized Surface  |   | SF             | 4,320                                     | 2        | 8,640     | 8,640          | Yes              | 8,148            | 492            |               |
| Concrete Pavers  |   | EA             | 1   |          |           |                | Yes              |                  |                |               |

|   |   |                         |      |    |       |                |         |                |               |        |  |
|---|---|-------------------------|------|----|-------|----------------|---------|----------------|---------------|--------|--|
|   | Crosswalk Enhancement   | Stamped Asphalt         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   |   | Stamped Concrete        | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   |   | Concrete                | LF   | 1  |       |                | -       | Yes            |               |        |  |
|   |   | Integral Color Concrete | LF   | 1  |       |                | -       | Yes            |               |        |  |
|   | Pedestrian ADA Ramp   | EA                      | 8    |    | 1,000 | 8,000          | Yes     | 7,544          | 456           |        |  |
|   | Culvert Extensions  | LF                      | 1    |    |       |                | -       | Yes            |               |        |  |
|   | Pedestrian Lighting Including Conduit And Trenching                                     | EA                      | 26   |    | 6,000 | 156,000        | Yes     | 147,108        | 8,892         |        |  |
|   | Handrail  | Standard                | EA   | 1  |       |                |         | -              | Yes           |        |  |
|   |   | Decorative              | LF   | 1  |       |                |         | -              | Yes           |        |  |
|   | <b>SUBTOTAL HARDSCAPE CONSTRUCTION</b>  |                         |      |    |       |                | 462,303 |                | 435,952       | 26,351 |  |
| 2. Landscaping & Irrigation Items   | Trees Above 15 Gallon In Size As Required Per Local Code Or Special Design Requirements |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Trees (15 Gallon Size)  |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Trees (5 Gallon Size)   |                         | LS   | 1  |       |                | -       | Yes            |               |        |  |
|   | Shrubs (5 Gallon Size)  |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Shrubs (1 Gallon Size)  |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Cactus (5 Gallon Size)  |                         | LF   | 1  |       |                | -       | Yes            |               |        |  |
|   | Mulch   | Decomposed Granite      | LS   | 1  |       |                | -       | Yes            |               |        |  |
|   |   | Organic                 | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Topsoil   |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Seeding   |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Turf Sod  |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Boulders  |                         | LF   | 1  |       |                | -       | Yes            |               |        |  |
|   | Irrigation System   | Drip                    | LF   | 1  |       |                | -       | Yes            |               |        |  |
|   |   | Turf                    | LF   | 1  |       |                | -       | Yes            |               |        |  |
|   | Sleeving For Irrigation System  |                         | LF   | 1  |       |                | -       | Yes            |               |        |  |
|   | Landscape Header Curb   |                         | LF   | 1  |       |                | -       | Yes            |               |        |  |
|   | Landscape Establishment   |                         | LF   | 1  |       |                | -       | Yes            |               |        |  |
| <b>SUBTOTAL LANDSCAPING &amp; IRRIGATION ITEMS</b>                                      |   |                         |      |    |       |                |         |                |               |        |  |
| 3. Site Furnishings   | Benches   |                         | EA   | 4  | 2,500 | 10,000         | Yes     | 9,430          | 570           |        |  |
|   | Seatwalls   |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Bike Racks  |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Trash Receptacles   |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Drinking Fountains  |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Signage (Standard Traffic Control)  |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Signage (Wayfinding)  |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   | Tree Grates   |                         | SY   | 1  |       |                | -       | Yes            |               |        |  |
| <b>SUBTOTAL SITE FURNISHINGS</b>  |   |                         |      |    |       | 10,000         |         | 9,430          | 570           |        |  |
| 4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. | Bicycle and Pedestrian Counter  |                         | Acre | 1  |       |                | -       | Yes            |               |        |  |
|   | Control of Noxious Plants   |                         | LS   | 1  | 5,000 | 5,000          | Yes     | 4,715          | 289           |        |  |
|   | Fire Hydrant Relocation   |                         | EA   | 8  | 3,000 | 24,000         | Yes     | 22,632         | 1,368         |        |  |
|   | Valve Adjustments (in shoulder)   |                         | EA   | 30 | 500   | 15,000         | Yes     | 14,145         | 855           |        |  |
|   | Sign Relocations  |                         | EA   | 4  | 1,000 | 4,000          | Yes     | 3,772          | 228           |        |  |
|   | Mailbox Relocations   |                         | EA   | 16 | 400   | 6,400          | Yes     | 6,035          | 365           |        |  |
|   | Pavement Markings   |                         | LS   | 1  | 2,000 | 2,000          | Yes     | 1,886          | 114           |        |  |
|   |   |                         | LS   | 1  |       |                | -       | Yes            |               |        |  |
|   |   |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
|   |   |                         | EA   | 1  |       |                | -       | Yes            |               |        |  |
| <b>SUBTOTAL OTHER CONSTRUCTION ITEMS</b>  |   |                         |      |    |       | 56,400         |         | 53,185         | 3,215         |        |  |
| <b>TOTAL CONSTRUCTION COST</b>  |   |                         |      |    |       | <b>606,703</b> |         | <b>572,121</b> | <b>34,582</b> |        |  |

|  |  |  |      |                   |          |                  |                |
|--|--|--|------|-------------------|----------|------------------|----------------|
|  | MOBILIZATION AND ADMINISTRATION COSTS  | CONTRACTOR MOBILIZATION (Typically 8% of construction cost)      | 12%  | 72,804            | Yes      | 68,655           | 4,150          |
|  |  | TRAFFIC CONTROL (0-8% of construction cost)                      | 4%   | 24,268            | Yes      | 22,885           | 1,383          |
|  |  | CONSTRUCTION CONTINGENCIES (Typically 5% of construction cost)   | 10%  | 60,670            | Yes      | 57,212           | 3,458          |
|  |  | CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost) | 18%  | 109,207           | Yes      | 102,982          | 6,225          |
| <b>SUBTOTAL – MOBILIZATION &amp; ADMINISTRATION COSTS</b>  |  |  |      | <b>266,949</b>    |          | <b>251,733</b>   | <b>15,216</b>  |
| <b>TOTAL CONSTRUCTION AND MOBILIZATION FOR PROGRAMMING</b> |  |  |      | <b>873,652</b>    |          | <b>823,854</b>   | <b>49,798</b>  |
| ADOT REVIEW FEE  | Please enter 'Yes' if your agency is certified accepted by ADOT for construction |  | Yes  |                   |          |                  |                |
|  | ADOT Review Fee  | Agency T   | RATE | HOURS             | TOTAL    | USES FEDERAL AID | FEDERAL LOCAL  |
|  | Contracts and Specs \ Advertise Project  | Non CA   | 55   | 100               | \$ -     | No               | - -            |
|  | District \ Review Stage Submittals   | Non CA   | 50   | 40                | \$ -     | No               | - -            |
|  | Environmental Planning \ Issue Clearance   | All  | 50   | 40                | \$ 2,000 | No               | - 2,000        |
|  | Right of Way \ Issue Clearance   | Non CA   | 55   | 24                | \$ -     | No               | - -            |
|  | Compliance Review\ Compliance Review   | Non CA   | 175  | 40                | \$ -     | No               | - -            |
|  | Project Management Group\ Project Management                                     | Non CA   | 120  | 100               | \$ -     | No               | - -            |
|  | Project Management Group\ Project Management                                     | CA Only  | 120  | 60                | \$ 7,200 | No               | - 7,200        |
|  | Utilities and Railroad Sections\ Issue Clearance                                 | Non CA   | 50   | 24                | \$ -     | No               | - -            |
|  |  |  |      |                   | \$ 9,200 |                  | - 9,200        |
| <b>TOTAL COST ESTIMATE</b>                                 |  |  |      | <b>\$ 999,352</b> |          | <b>823,854</b>   | <b>175,498</b> |

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

**PART E - Budget and Signature Page**

| Phase                             | Location Description                      | Work Description              | Year to be Programmed | Funding Source | Federal Amount | Local Amount | Total      | Local Share |
|-----------------------------------|---|-------------------------------|-----------------------|----------------|----------------|--------------|------------|-------------|
| Design, excludes ADOT review fees | Salt River Pima-Maricopa Indian Community | New 8' Sidewalk with lighting | 2021                  | Local          | \$ -           | \$ 116,500   | \$ 116,500 | 100.0%      |
| Construction                      | Salt River Pima-Maricopa Indian Community | New 8' Sidewalk with lighting | 2023                  | CMAQ           | \$ 823,854     | \$ 49,798    | \$ 873,652 | 5.7%        |
| <b>Total Programmed</b>           |   |                               |                       |                | \$ 823,854     | \$ 166,298   | \$ 990,152 | 16.8%       |
| ADOT Design Review Fee            |   |                               |                       |                | \$ -           | \$ 9,200     | \$ 9,200   | 100.0%      |
| <b>Total Cost</b>                 |   |                               |                       |                | \$ 823,854     | \$ 175,498   | \$ 999,352 | 17.6%       |

**Signature: To be signed with printed hard copy that is sent to MAG**

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

Signature:

Name: Bryan Meyers

Title: Community Manager

Date: 9/13/2019

## Part F - Checklist

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

| COVER SHEET   |                                      | Complete?        |
|---|--------------------------------------|------------------|
| Cover Sheet is completely filled out  |                                      | Yes              |
| PART A - Contacts and Project Description Fields  |                                      | Complete?        |
| Contact Information, fields 1 – 5 are complete  |                                      | Yes              |
| Project Description, fields 6 - 8 are complete  |                                      | Yes              |
| PART B - Project Description  |                                      | Complete?        |
| Fields 1 - 14 (Project Description) are complete  |                                      | Yes              |
| Fields 15 - 17 (Transit) are complete   |                                      | Yes              |
| Fields 18 – 22 (Attractors and Demographics) are complete   |                                      | Yes              |
| Fields 23 – 30 (Traffic, Environmental, ROW, and Utilities) are complete  |                                      | Yes              |
| Fields 31 – 33 (Guidelines, Policies, and Plans) are complete   |                                      | Yes              |
| Fields 34 – 37 (Maintenance, Performance Measurement, and Wayfinding) are complete  |                                      | Yes              |
| PART C - Required Attachments   |                                      | Complete?        |
| 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.  |                                      | Yes              |
| 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.   |                                      | Yes              |
| Field 3 - Up to four (4) photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).  |                                      | Yes              |
| 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. |                                      | Yes              |
| (OPTIONAL)- Up to two (2) photos/renderings of the completed project are provided in the printed application and the PDF application.   |                                      | Yes              |
| (OPTIONAL) - Up to three (3) letters of support for the project are provided in the printed application and the PDF application.  |                                      | Yes              |
| (OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.  |                                      | No               |
| PART D - Cost Estimate Worksheet  |                                      | Complete?        |
| <b>PROCUREMENT</b><br>(Not applicable for construction projects)  | REQUESTED PROGRAMMING (Rows 4-7)     | <b>Complete?</b> |
|   | Location Description                 | Yes              |
|   | Work Description                     | Yes              |
|   | Funding Source                       | Yes              |
|   | Preferred Year to Program Work       | Yes              |
|   | PROCUREMENT/STUDY COSTS (Rows 9-29)  | Yes              |
| <b>DESIGN</b><br>(Applicable for all construction projects;<br>not applicable for procurement projects)   | REQUESTED PROGRAMMING (Rows 30-33)   | <b>Complete?</b> |
|   | Location Description                 | Yes              |
|   | Work Description                     | Yes              |
|   | Funding Source                       | Yes              |
|   | Preferred Year to Program Work       | Yes              |
|   | PRELIMINARY ENGINEERING (Rows 35-38) | Yes              |
|   | FINAL DESIGN (Rows 40-43)            | Yes              |

### Part F - Checklist

|   |   |                  |
|---|---|------------------|
| <b>RIGHT OF WAY</b><br>(Applicable only if ROW is to be acquired)   | REQUESTED PROGRAMMING (Rows 46-49)  | <b>Complete?</b> |
|   | Location Description  | Yes              |
|   | Work Description  | Yes              |
|   | Funding Source  | Yes              |
|   | Preferred Year to Program Work  | Yes              |
|   | RIGHT OF WAY COST (Rows 51-63)  | Yes              |
| <b>CONSTRUCTION</b><br>(Applicable for all construction projects;<br>not applicable for procurement projects) | REQUESTED PROGRAMMING (Rows 55-58)  | <b>Complete?</b> |
|   | Location Description  | Yes              |
|   | Work Description  | Yes              |
|   | Funding Source  | Yes              |
|   | Preferred Year to Program Work  | Yes              |
|   | UTILITY RELOCATIONS (Required for Budget, May be 0 if no Utilities) (Rows 90-97)                      | Yes              |
|   | CONSTRUCTION COST   | <b>Complete?</b> |
|   | 1. Hardscape Construction (rows 99-131)   | Yes              |
|   | 2. Landscaping & Irrigation Items (Rows 133-150)  | Yes              |
|   | 3. Site Furnishings (Rows 152-159)  | Yes              |
|   | 4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects.(Rows 161-170) | Yes              |
|   | MOBILIZATION AND ADMINISTRATION COSTS (Rows 173-176)  | Yes              |
| ADOT REVIEW FEE   | Please enter 'Yes' if your agency is certified accepted by ADOT for construction (Cell E179)          | Yes              |
| <b>PART E - Budget and Signature Page</b>   |   | <b>Complete?</b> |
| Name, title and date fields under the signature are completed.  |   | Yes              |
| <b>PART F - Signature and Checklist</b>   |   | <b>Complete?</b> |
| Entire checklist is completed.  |   | Yes              |

## Instructions for the Submittal of GIS Data for CMAQ Funding Applications

It is preferred that, when possible, member agencies submit GIS data representing the locations of projects defined in their CMAG Applications. For member agencies unable to meet this requirement, MAG staff is available to assist in this area. Please contact Nicole Funicello at [nfunicello@azmag.gov](mailto:nfunicello@azmag.gov) if assistance is needed.

### Submission Requirements

GIS Data – Please provide GIS data for each geometry type (point, line, polygon). 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 GIS datasets.

File Formats – Agencies that are able to submit GIS data along with CMAQ Applications shall provide the data in formats that are compatible with ESRI products such as shapefiles (.SHP) or Geodatabases (.GDB). Google Earth files (.KMZ or .KML) are also acceptable file formats.

Spatial Reference – The preferred spatial reference system of submitted GIS data is State Plane Arizona Central NAD 83 HARN, however, GIS datasets in any other projection will be accepted.

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.

<Provide screenshot showing graphic link between survey response in Excel and the attribute table.>

**ADOT Review Fees for Certification Accepted Agencies/1**

| ADOT SECTION             | FUNCTION           | RATE     | HOURS      | CHARGE/2         |
|--------------------------|--------------------|----------|------------|------------------|
| Environmental Planning   | Issue Clearance    | ### #### | 40         | \$ 2,000         |
| Project Management Group | Project Management | #### ### | 60         | \$ 7,200         |
| <b>SUBTOTAL</b>          |                    |          | <b>100</b> | <b>\$ 9,200</b>  |
| <b>STAFF GRAND TOTAL</b> |                    |          |            | <b>\$ 10,000</b> |

**ADOT Review Fees for Non Certification Accepted Agencies/1**

| ADOT SECTION                    | FUNCTION                | RATE   | HOURS      | CHARGE/2         |
|---------------------------------|-------------------------|--------|------------|------------------|
| Contracts and Specs             | Advertise Project       | \$ 55  | 100        | \$ 5,500         |
| District                        | Review Stage Submittals | \$ 50  | 40         | \$ 2,000         |
| Environmental Planning          | Issue Clearance         | \$ 50  | 40         | \$ 2,000         |
| Right of Way                    | Issue Clearance         | \$ 55  | 24         | \$ 1,320         |
| Compliance Review               | Compliance Review       | \$ 175 | 40         | \$ 7,000         |
| Project Management Group        | Project Management      | \$ 120 | 100        | \$ 12,000        |
| Utilities and Railroad Sections | Issue Clearance         | \$ 50  | 24         | \$ 1,200         |
| <b>SUBTOTAL</b>                 |                         |        | <b>368</b> | <b>\$ 31,020</b> |
| <b>STAFF GRAND TOTAL</b>        |                         |        |            | <b>\$ 31,000</b> |

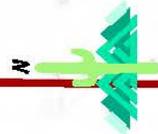
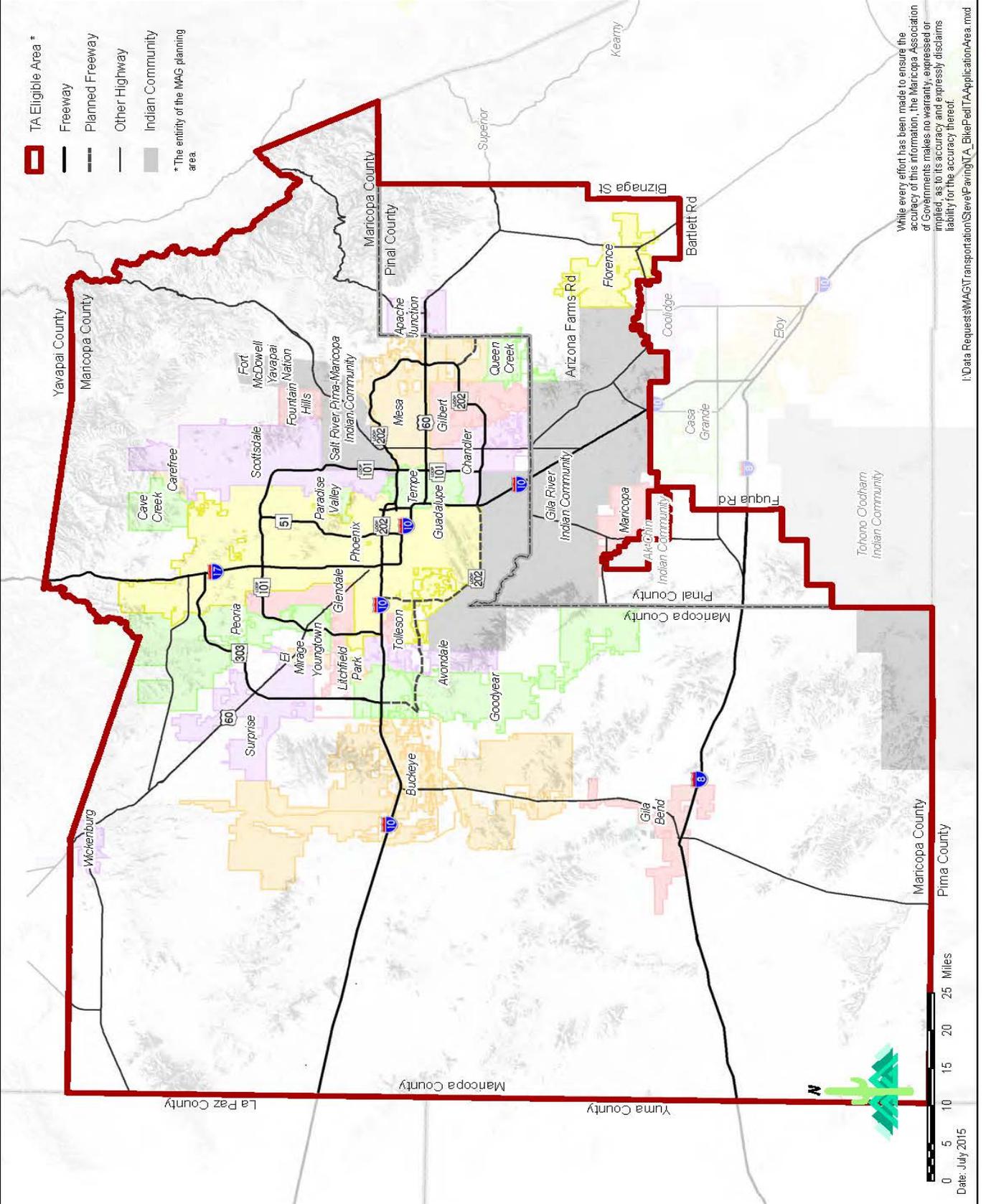
Notes:

1. Based on material provided by ADOT in April 5, 2019. All functions, rates, hours and costs are as listed in the material provided by ADOT. Items listed in the ADOT information for which no



# TA Bicycle/Pedestrian Application Area

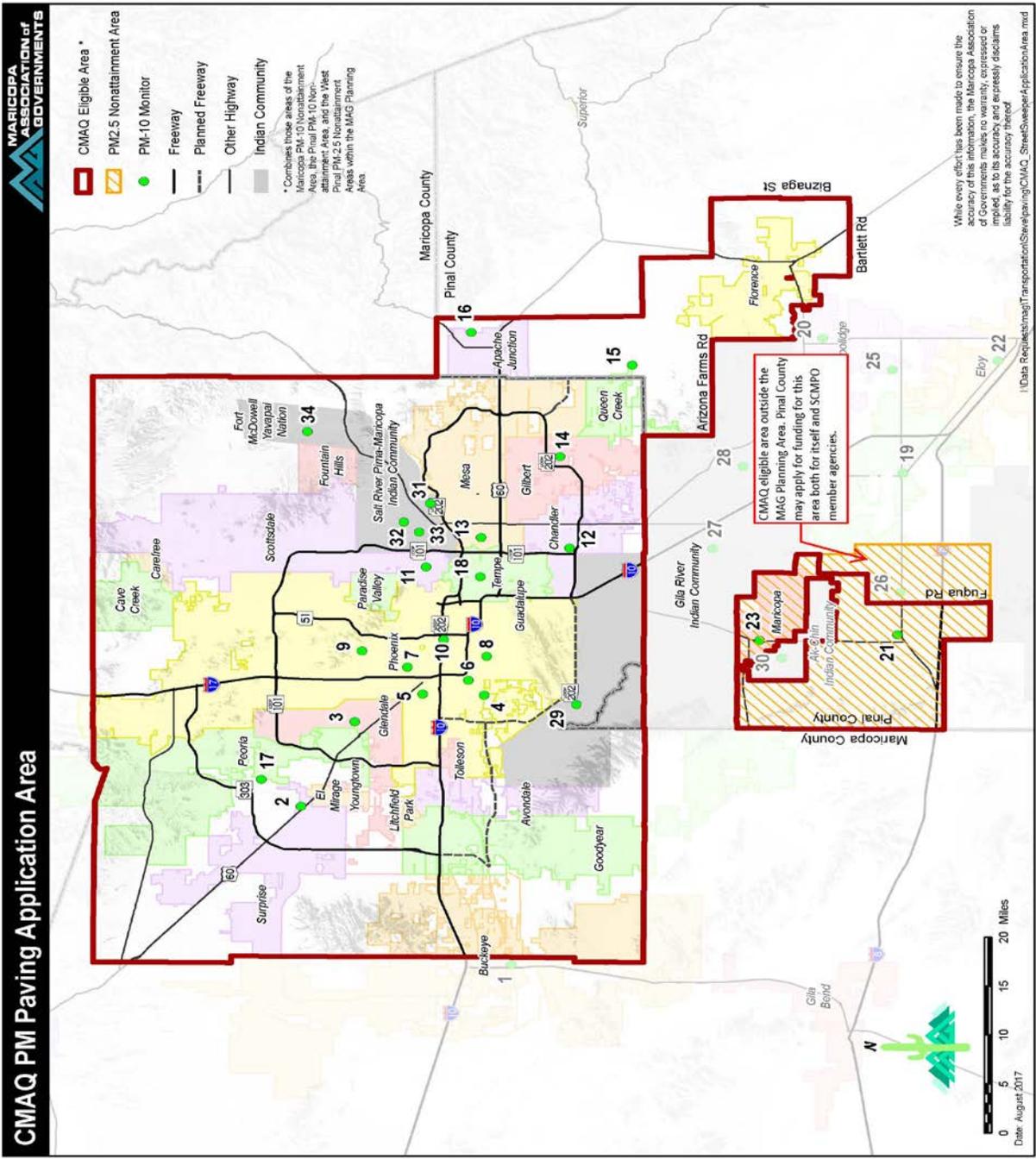
- TA Eligible Area \*
  - Freeway
  - Planned Freeway
  - Other Highway
  - Indian Community
- \* The entirety of the MAG planning area



0 5 10 15 20 25 Miles  
Date: July 2015

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.

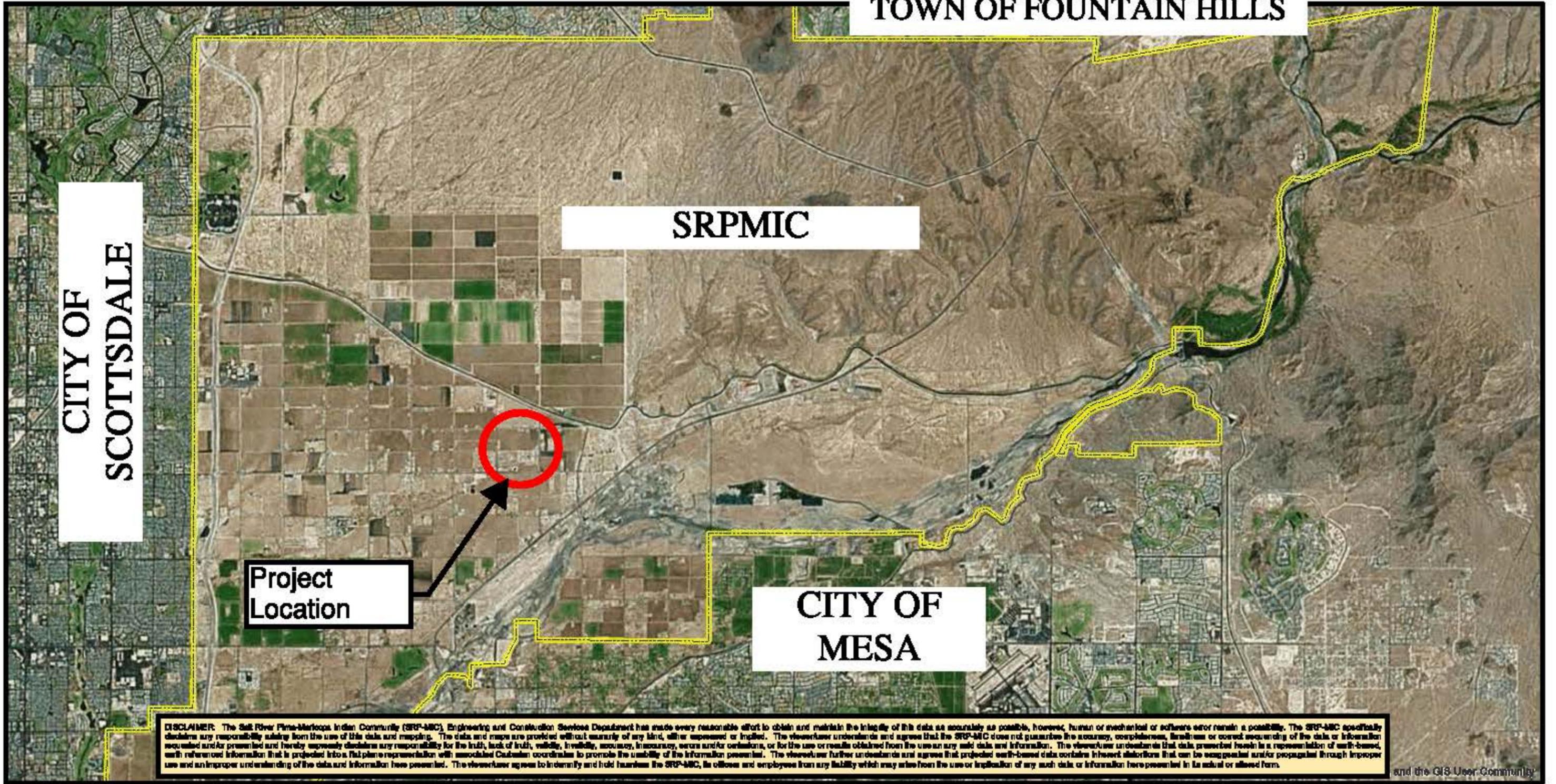
I:\Data Requests\MAG\Transportation\StevePaving\TA\_BikePed\TA-Application-Area.mxd



| Map ID | Site ID  | Name                              | Address                            | City            | County   | Agency                                    |
|--------|----------|-----------------------------------|------------------------------------|-----------------|----------|---|
| 1      | 40134011 | Buckeye                           | 26449 W. 100th Drive               | Buckeye         | Maricopa | Maricopa County AQD                       |
| 2      | 40134010 | Dysart                            | 16825 N. Dysart Road               | Surprise        | Maricopa | Maricopa County AQD                       |
| 3      | 40132001 | Glendale                          | 6001 W. Olive Avenue               | Glendale        | Maricopa | Maricopa County AQD                       |
| 4      | 40134009 | West 43rd Avenue                  | 3940 W. Broadway Road              | Phoenix         | Maricopa | Maricopa County AQD                       |
| 5      | 40130019 | West Phoenix                      | 3847 W. Earll Drive                | Phoenix         | Maricopa | Maricopa County AQD                       |
| 6      | 40139812 | Durango Complex                   | 2702 RC Ester Brook Boulevard      | Phoenix         | Maricopa | Maricopa County AQD                       |
| 7      | 40139997 | JLG Supersite                     | 4530 N. 17th Avenue                | Phoenix         | Maricopa | ADEQ                                      |
| 8      | 40134003 | South Phoenix                     | 33 W. Tamarisk Avenue              | Phoenix         | Maricopa | Maricopa County AQD                       |
| 9      | 40131004 | North Phoenix                     | 601 E. Butler Drive                | Phoenix         | Maricopa | Maricopa County AQD                       |
| 10     | 40133002 | Central Phoenix                   | 1645 E. Roosevelt Street           | Phoenix         | Maricopa | Maricopa County AQD                       |
| 11     | 40133003 | South Scottsdale                  | 2857 N. Miller Road                | Scottsdale      | Maricopa | Maricopa County AQD                       |
| 12     | 40134004 | West Chandler                     | 275 S. Ellis Street                | Chandler        | Maricopa | Maricopa County AQD                       |
| 13     | 40131003 | Mesa                              | 310 S. Brooks Circle               | Mesa            | Maricopa | Maricopa County AQD                       |
| 14     | 40134006 | Higley                            | 3391 E. Vest Avenue                | Gilbert         | Maricopa | Maricopa County AQD                       |
| 15     | 40213009 | Combs School                      | 301 E. Combs Road                  | Queen Creek     | Pinal    | Pinal County AQCD                         |
| 16     | 40213002 | Apache Junction Fire Station      | 3955 E. Superstition Boulevard     | Apache Junction | Pinal    | Pinal County AQCD                         |
| 17     | 40134016 | Zuni Hills                        | 10851 W. Williams Road             | Sun City        | Maricopa | Maricopa County AQD                       |
| 18     | 40134005 | Tempe                             | 1515 S. College Avenue             | Tempe           | Maricopa | Maricopa County AQD                       |
| 19     | 40210001 | Casa Grande Downtown              | 401 N. Marshall Street             | Casa Grande     | Pinal    | Pinal County AQCD                         |
| 20     | 40213004 | Coolidge Maintenance Yard         | 212 E. Broadway                    | Coolidge        | Pinal    | Pinal County AQCD                         |
| 21     | 40213015 | Hidden Valley                     | 43750 W. Carefree Place            | Maricopa        | Pinal    | Pinal County AQCD                         |
| 22     | 40213014 | Eloy County Complex               | 801 N. Main Street                 | Eloy            | Pinal    | Pinal County AQCD                         |
| 23     | 40213016 | (City of) Maricopa County Complex | 19955 N. Wilson Avenue             | Maricopa        | Pinal    | Pinal County AQCD                         |
| 24     | 40213007 | Pinal Air Park                    | Water Well #2, Pinal Air Park Road | Marana          | Pinal    | Pinal County AQCD                         |
| 25     | 40213011 | Pinal County Housing Complex      | 970 N. Eleven Mile Corner Road     | Casa Grande     | Pinal    | Pinal County AQCD                         |
| 26     | 40213008 | Stanfield County Complex          | 36697 W. Papago Drive              | Stanfield       | Pinal    | Pinal County AQCD                         |
| 27     | 40217004 | Casa Blanca                       | 3455 W. Casa Blanca Road           | Bapchule        | Pinal    | Gila River Indian Community               |
| 28     | 40217001 | Sacaton                           | 45 S. Church Street                | Sacaton         | Pinal    | Gila River Indian Community               |
| 29     | 40137003 | St Johns                          | 4208 W. Pecos Road                 | Laveen          | Maricopa | Gila River Indian Community               |
| 30     | 40217030 | Ak Chin                           | 47685 W. Eco-Museum Road           | Maricopa        | Pinal    | Ak Chin Indian Community                  |
| 31     | 40137022 | Lehi                              | 3250 N. Stapley Drive              | Mesa            | Maricopa | Salt River Pima-Maricopa Indian Community |
| 32     | 40137024 | High School                       | 4827 N. Country Club Drive         | Scottsdale      | Maricopa | Salt River Pima-Maricopa Indian Community |
| 33     | 40137020 | Senior Center                     | 10844 E. Osborn Road               | Scottsdale      | Maricopa | Salt River Pima-Maricopa Indian Community |
| 34     | 40135100 | Fort McDowell                     | 18791 Yuma Frank Road              | Fort McDowell   | Maricopa | Fort McDowell Indian Community            |

Title

# TOWN OF FOUNTAIN HILLS



## SRPMIC

## CITY OF SCOTTSDALE

Project Location

## CITY OF MESA

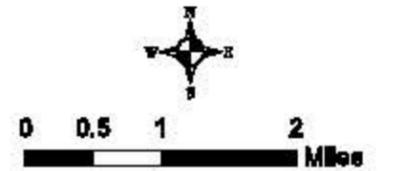
DISCLAIMER: The Salt River Pima-Maricopa Indian Community (SRP-MIC), Engineering and Construction Services Department has made every reasonable effort to obtain and maintain the integrity of this data as accurately as possible, however, human or mechanical or software error remain a possibility. The 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, in validity, accuracy, inaccuracy, errors and/or omissions, or for the use or results obtained from the use of any such 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 recognized 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 allowed form.

and the GIS User Community

**Legend**

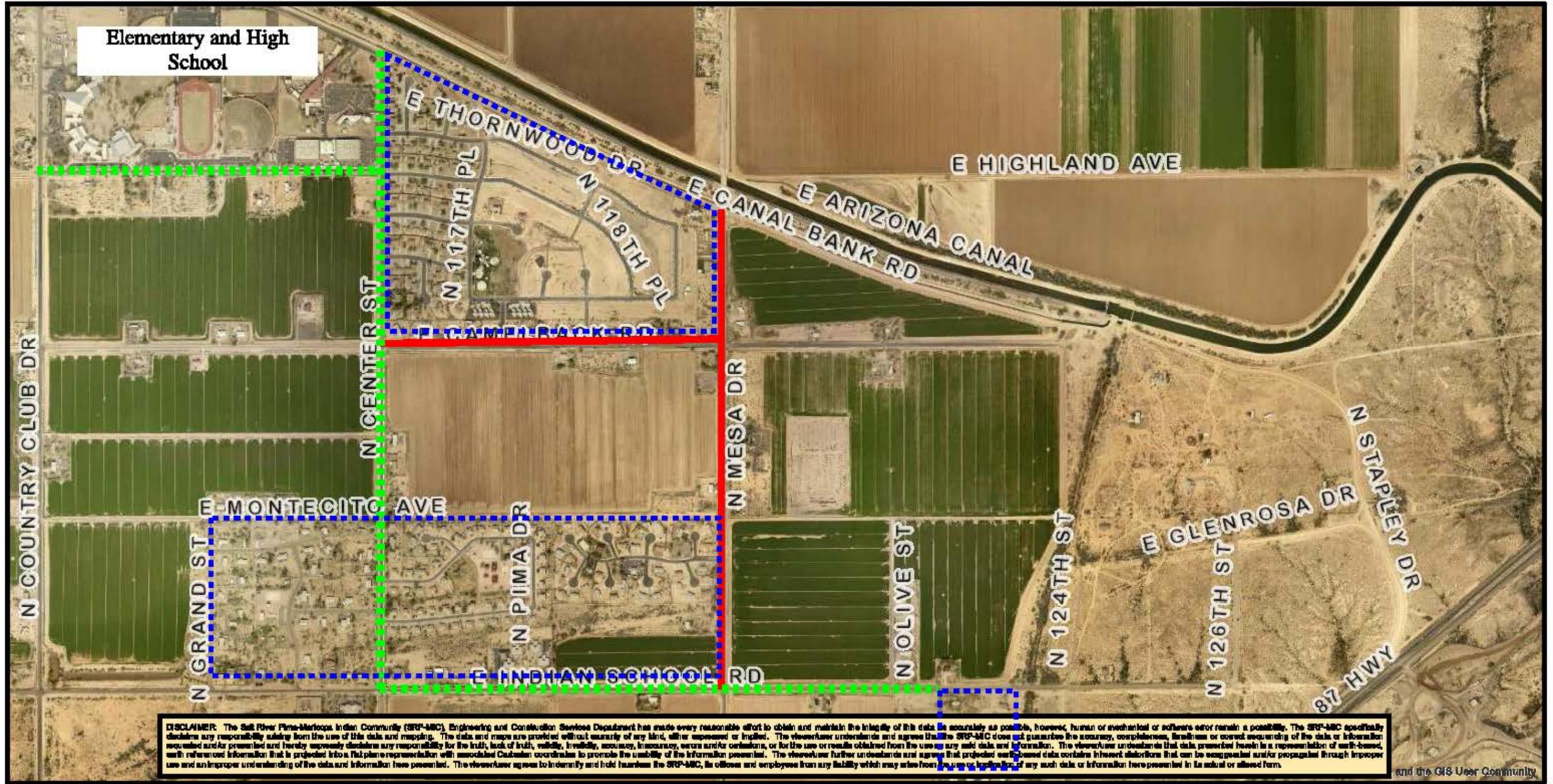
 Community Boundary

### REGIONAL LOCATION MAP



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

Title



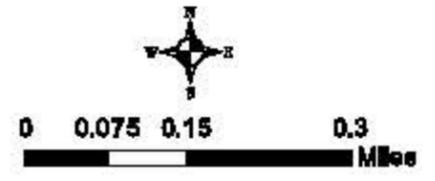
**Legend**

Streetnames

Community Boundary

### VICINITY MAP

- Proposed 8-foot sidewalk
- - - Existing sidewalk within subdivision
- - - - Existing Pedestrian Facilities



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

## ADDITIONAL PHOTOS



Camelback Road, looking east.



Students walking north on Mesa Drive

## ADDITIONAL PHOTOS

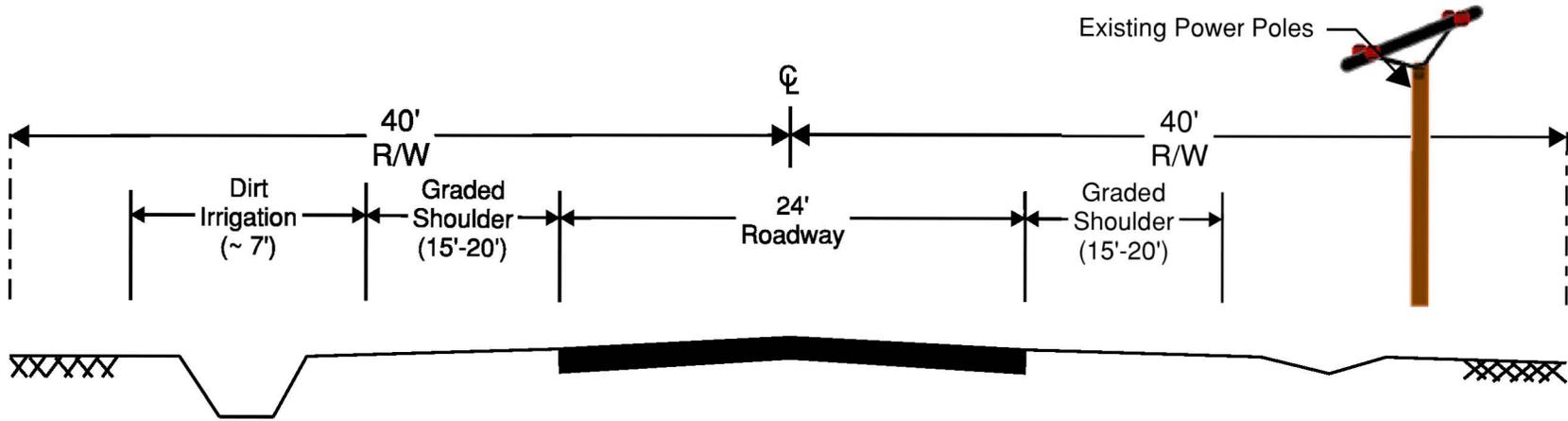


Students waiting for bus on Mesa Drive

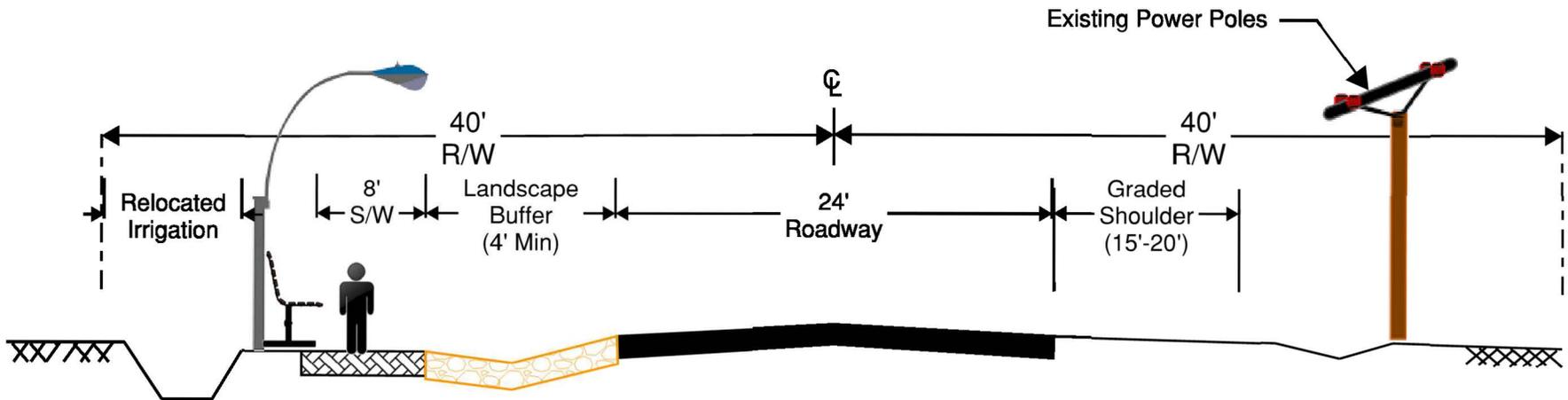


Looking north on Mesa Drive

# TYPICAL SECTIONS



TYPICAL SECTION  
EXISTING CONDITIONS



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

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





September 11, 2019

10005 East Osborn Rd.  
Scottsdale, AZ 85256

Dear Grant Committee,

Salt River Schools is pleased 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 308 students in grades K-6 and the Salt River High School serves about 225 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 our: elementary and high school principals, Parent Involvement Coordinators, Safe & Secure Schools' Manager, Grants Administrator, Transportation Manager and School Resource Officers). 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.

Please consider the Mesquite Trails to Red Mountain Vista Pedestrian Connection project for funding. This project will greatly benefit our schools and the entire Salt River Community. Feel free to contact Chris McIntier, Grants and Special Projects Administrator for further information. She can be reached at [chris.mcintier@saltriverschools.org](mailto:chris.mcintier@saltriverschools.org) or at (480) 362-2522.

Sincerely,

Dr. Cynthia Clary  
Acting Superintendent

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

**PART E - Budget and Signature Page**

| Phase                             | Location Description                      | Work Description              | Year to be Programmed | Funding Source | Federal Amount | Local Amount | Total      | Local Share |
|-----------------------------------|---|-------------------------------|-----------------------|----------------|----------------|--------------|------------|-------------|
| Design, excludes ADOT review fees | Salt River Pima-Maricopa Indian Community | New 8' Sidewalk with lighting | 2021                  | Local          | \$ -           | \$ 116,500   | \$ 116,500 | 100.0%      |
| Construction                      | Salt River Pima-Maricopa Indian Community | New 8' Sidewalk with lighting | 2023                  | CMAQ           | \$ 823,854     | \$ 49,798    | \$ 873,652 | 5.7%        |
| <b>Total Programmed</b>           |   |                               |                       |                | \$ 823,854     | \$ 166,298   | \$ 990,152 | 16.8%       |
| ADOT Design Review Fee            |   |                               |                       |                | \$ -           | \$ 9,200     | \$ 9,200   | 100.0%      |
| <b>Total Cost</b>                 |   |                               |                       |                | \$ 823,854     | \$ 175,498   | \$ 999,352 | 17.6%       |

**Signature: To be signed with printed hard copy that is sent to MAG**

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

Signature:



Name: Bryan Meyers

Title: Community Manager

Date: 9/13/2019