

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

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

**INSERT PHOTO OF PROJECT AREA
EXISTING CONDITIONS HERE**

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

Agua Fria Tail - Phase II - Pedestrian Bridge

City of Avondale

**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)

Avondale: Agua Fria Trail Phase II - Pedestrian Bridge

PART A - CONTACT AND PROJECT DESCRIPTION	
Contact Information	
1. Name of Sponsoring Agency	Avondale
2. Agency Contact Name	Dave Janover, PE
3. Phone Number of Agency Contact	623.333.4216
4. E-Mail Address of Agency Contact	Djanover@AvondaleAZ.gov
5. Mailing Address of Agency Contact	11465 W. Civic Center Drive, Avondale AZ 85323
Project Description	
6. Please provide the Project Title.	Agua Fria Trail Phase II - Pedestrian Bridge
7. Please provide a concise, specific description of the project (250 character limit):	
<p>This project will construct a 10 ft wide pedestrian/bike bridge across the 400 ft wide ADOT drainage channel and a 10 ft wide shared use path connecting Friendship Park to the trail end to be constructed (end of 2019) with the Agua Fria I-10 Underpass project. The end connections for the bridge are proposed trail heads with wayfinding.</p>	
8. Please provide the project limits:	
<p>Agua Fria River east bank from north of I-10 for approx. 600 ft. to Friendship Park southwest corner edge of park.</p>	

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

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 type="checkbox"/> Wide Sidewalk (8' min.) |
| <input type="checkbox"/> Buffered Bike Lane | <input type="checkbox"/> Detached Sidewalk with 4' min. buffer |
| <input type="checkbox"/> Protected Bike Lane | <input type="checkbox"/> Signalized Crossing |
| <input checked="" 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 checked="" 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="text" value="4"/> Number of Bike racks/lockers | <input type="text" value="4"/> Number of Seating/Rest Area(s) |
| <input type="text"/> Number of Drinking Fountains | <input type="text"/> Number of bicycle/pedestrian counting devices |
| <input type="text" value="4"/> Number of Way-finding Signs | <input type="text"/> Number of bicycle/pedestrian counting devices |
| <input type="text"/> Number of Trash receptacles | Other: |
| <input type="text" value="18"/> Number of Trees | <input type="text" value="shade for bridge structure"/> |
| <input type="text"/> Number of new openings in street walls | |
| <input type="text"/> Number of Shade Structures | |

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

The existing crossing location of the ADOT drainage Channel has been inundated with vegetation, alluvial deposits, and tailwater. There is missing connection path from existing I-10 underpass to Friendship Park for approximately 600 ft. This area has also been identified as Waters of the US. This project has an approved 404 permit (#SPL-2016-00266-JMR) as part of the Phase 1 underpass project. This project is critical to the connection to Friendship Park and the City may be required to return funding from the Phase 1 project (TRACS SZ078) if this Phase 2 is not approved.

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

PART B-DETAILED PROJECT DESCRIPTION

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

A pedestrian/bike bridge and 10 ft wide shared use path will be built to connect the Agua Fria and I-10 underpass project (Phase I) to the existing trail system within Friendship Park (Regional Park). This will provide a critical link to connect the existing path system south of this location along the Agua Fria River to Friendship Park and the staging facilities it provides. Providing two trail nodes flanking the bridge is proposed to provide seating, staging, wayfinding and shade. The bridge is proposed to provide shade as part of the structure design.

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

This project will fill the gap along the Agua Fria River Regional Trail between I-10 and Friendship Park where it is currently disconnected. This pedestrian bridge and path segment will provide interactive opportunities to users to reach Friendship Park by walking and biking instead of driving. This project will extend the Agua Fria Regional Trail and extend the West Valley Rivers Regional Master Plan.

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

Signage and Railing

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

- Yes
- No

Please Explain:

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

This project will connect two existing trail facilities (I-10 underpass of the Agua Fria Path and Friendship Park). According to AASHTO, clearance, visibility and design speed have an effect on safety. Therefore, the shared use path shall be designated with safety speed and visibility. Safety railing, signage and lighting will be provided per ADAAG guidelines.

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

Currently there is not connectivity from south of I-10 to Friendship Park. The proposed bridge will provide that connectivity. The proposed Pedestrian/bike bridge and shared use path shall be ADA compliant. Safety railing, signage and lighting will be provided per ADAAG guidelines. Ramp landing will be provided according to slope ratio and ramp length.

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

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

PART B-DETAILED PROJECT DESCRIPTION

This project will fill the gap between north of I-10 underpass to Friendship Park to encourage connectivity to activities and to extend the regional West Valley Rivers Master Plan. This bridge project will improve access from south of I-10 to Friendship Park and connect to the Van Buren Multi Use Path project which connects to several community civic facilities.

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

User experiences of crossing the bridge and watching wetland, birds, sunrise and sunset can create a unique sense of place. This project will create a sense of place with the unique design of a shaded bridge structure.

14. Connectivity: (Check all that apply)

Project fills a gap in the system

Explain:

Existing system has a trail head at the north side of I-10. This project will bridge the channel between the trailhead and Friendship Park.

Project connects to other local bikeways

List of connected bikeways:

Friendship Park trail system, Aqua Fria River Trail.

Multi Jurisdictional Project (please include letter of support (See Part C)

List of Participating Jurisdictions:

ADOT

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 1/2 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 1/2 mile

List routes and frequency:

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

Within 1/2 mile

List:

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

Within 1/2 mile

List:

Friendship Park

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

PART B-DETAILED PROJECT DESCRIPTION

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 1/2 mile

List:

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

PART B-DETAILED PROJECT DESCRIPTION

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

0 Within 1/2 mile

List:

[Empty text box for listing schools within 1/2 mile]

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

1 Within 1/2 mile

List:

Legacy Elementary

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:

[Empty text box for listing activity centers within 1/4 miles]

0 1/4 miles to 1/2 miles

List:

[Empty text box for listing activity centers between 1/4 and 1/2 miles]

23. What are the demographics of the area served:

[MAG Demographic Mapping](#)

1,726 People Per Square Mile

7.10% % 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:

ADOT drainage channel bridge. This is along the east side of the Agua Fria River from the south bank of the Adot drainage channel into Friendship Park.

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

[Empty text box for point project details]

Federal Functional Classification of the Facility:

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

PART B-DETAILED PROJECT DESCRIPTION

Not Classified

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

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

PART B-DETAILED PROJECT DESCRIPTION

Type of Facility the Improvement will be located on:

Project is Off-Street

0.1 Length (in Miles)

n/a Posted Speed Limit (MPH)

n/a Number of Travel Lanes Before Project

n/a Number of Travel Lanes After Project

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

25,000 ADT Estimate

8/29/18 Date Counted

Name of road the traffic count was taken from

Avondale Boulevard

Description of Methodology and Source used for the ADT Estimate

The count was taken using tube counters collecting 24-hour volumes at 15-minute intervals. Counts were taken by a private firm specializing in traffic count data collecting and hired by City of Avondale for their annual count program.

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.

Water of US.

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.

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

PART B-DETAILED PROJECT DESCRIPTION

This Project is located in 98% ADOT right-of-way and 2% in City right-of-way. The City of Avondale and ADOT will coordinate right-of-way as part of the JPA/IGA.

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)

- No Utility in or abutting the alignment
- Canals & Drainage
- Power Lines & Cables
- Pipelines, Sewer and Water

Private Structures

Other:

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

No apparent conflicts.

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

- AASHTO Guide for Bicycle Facilities
- MAG Pedestrian Policies and Design Guidelines
- MAG Complete Streets Guide
- MAG Designing Transit Accessible Communities
- MAG Valley Path Brand & Wayfinding Signage Guidelines
- NACTO Urban Bikeway Design Guide
- RPTA Bus Stop Program and Standards

Other:

ADAAG guidelines

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:
- With new development and capital improvement projects, bike lanes on collector streets are:
- With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:
- With new development or during development retrofits, shared-use paths are:
- Bicycle program implemented, including bike education, safety events, and bike maps
- Complete Streets Policy

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

PART B-DETAILED PROJECT DESCRIPTION

34. The project is: (Check one)

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

List:

City of Avondale Capitol Improvements Program, Phase II of the Agua Fria Trail (PK1346)

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

Explain:

Not addressed by jurisdiction's plans, policies, or practices

Explain:

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

PART B-DETAILED PROJECT DESCRIPTION

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

City of Avondale will conduct periodic sample counts to identify the level of use. Conduct survey of users.

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?

City will hire data collection service to periodically video the bridge to document actual usage.

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.

Yes. The city will inform the public of this project completion through advertisements and the City's website.

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

Yes. Wayfinding signage will be provided at trailhead and park connection according to MAG Valley Path Brand & Wayfinding Signage guidelines.

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>

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

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

REQUESTED PROGRAMMING	Location Description	City of Avondale: south of Friendship Park - north of I-10 Freeway							
	Work Description	Shared Use Path Pedestrian/Bike Bridge							
Funding Source		TA-MAG							
Preferred Year to Program Work		2023							
COST ESTIMATE FOR PROCUREMENT		UNITS	QUAN ITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL	
PROCUREMENT	Place for entering item #1	EA	1		-	Yes	-	-	
	Place for entering item #2	EA			-	No	-	-	
	Place for entering item #3	EA			-	No	-	-	
	Place for entering item #4	EA			-	No	-	-	
	Place for entering item #5	EA			-	No	-	-	
	Place for entering item #6	EA			-	No	-	-	
	Place for entering item #7	EA			-	No	-	-	
	Place for entering item #8	EA			-	No	-	-	
	Place for entering item #9	EA			-	No	-	-	
	Place for entering item #10	EA	1		-	No	-	-	
	Place for entering item #11	EA			-	No	-	-	
	Place for entering item #12	EA			-	No	-	-	
	Place for entering item #13	EA			-	No	-	-	
	Place for entering item #14	EA			-	No	-	-	
	Place for entering item #15	EA			-	No	-	-	
	Place for entering item #16	EA			-	No	-	-	
	Place for entering item #17	EA			-	No	-	-	
	Place for entering item #18	EA			-	No	-	-	
	Place for entering item #19	EA			-	No	-	-	
	Place for entering item #20	EA	1		-	Yes	-	-	
	TOTAL - PROCUREMENT					-		-	-
DESIGN	Location Description	City of Avondale: south of Friendship Park - north of I-10 Freeway							
	Work Description	Shared Use Path Pedestrian/Bike Bridge							
	Funding Source	Local							
	Preferred Year to Program Work	2022							
	COST ESTIMATE FOR DESIGN		UNITS	QUAN ITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL
	PRELIMINARY ENGINEERING (15% plans) (Required for Budget)	Topographic Survey	LS	1	\$10,000.00	\$10,000.00	No	-	10,000
		Design Concept Report (DCR)	LS	1	\$12,500.00	\$12,500.00	No	-	12,500
		Federal Project Environmental Determination	LS	1	\$10,000.00	\$10,000.00	No	-	10,000
		HAZMAT Assessment	LS	1	\$5,000.00	\$5,000.00	No	-	5,000
		SUBTOTAL - PRELIMINARY ENGINEERING COSTS					\$37,500.00		-
	FINAL DESIGN (30, 60, 95, 100% plans) (Required for Budget)	Plans, Specifications, Cost Estimates, Bidding	LS	1	\$150,000.00	\$150,000.00	No	-	150,000
Geotechnical Report		LS	1	\$5,000.00	\$5,000.00	No	-	5,000	
Drainage Report		LS	1	\$10,000.00	\$10,000.00	No	-	10,000	
SWPPP		LS	1	\$0.00	\$0.00	No	-	-	
SUBTOTAL - FINAL DESIGN COSTS					165,000		-	165,000	
TOTAL PRELIMINARY ENGINEERING AND DESIGN COST AVAILABLE FOR PROGRAMMING					\$202,500.00		-	202,500	
RIGHT OF WAY	Location Description	City of Avondale: south of Friendship Park - north of I-10 Freeway							
	Work Description	Shared Use Path Pedestrian/Bike Bridge							
	Funding Source	Local							
	Preferred Year to Program Work	2022							
	COST ESTIMATE FOR RIGHT OF WAY		UNITS	QUAN ITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL
	RIGHT OF WAY COST (Required for Budget, May be 0 if no ROW)	Appraisals and Title Reports	LS	1		\$0.00	No	-	-
		Road Right of Way	LS	1		\$0.00	No	-	-
		Temporary Construction Easements	LS	1		\$0.00	No	-	-
		Drainage Easement	LS	1		\$0.00	No	-	-
		Utility Easements/Right of Way	LS	1		\$0.00	No	-	-
		Aerial Electrical Easement	LS	1		\$0.00	No	-	-
Sign Relocations		LS	1		\$0.00	No	-	-	
Relocation Expenses		LS	1		\$0.00	No	-	-	

	Site Environmental Assessments	EA	1		\$0.00	No	-	-							
	Building Demolition	EA	1		\$0.00	No	-	-							
	Other Right of Way Expenses				\$0.00	No	-	-							
	Other Right of Way Expenses		1		\$0.00	No	-	-							
	Other Right of Way Expenses	EA	1		\$0.00	No	-	-							
TOTAL - RIGHT OF WAY COSTS															
CONSTRUCTION	REQUESTED PROGRAMMING (Complete only if Construction will be programmed in the MAG TIP)	Location Description		City of Avondale: south of Friendship Park - north of I-10 Freeway											
		Work Description		Shared Use Path Pedestrian/Bike Bridge											
		Funding Source		TA-MAG											
		Preferred Year to Program Work		2023											
COST ESTIMATE FOR CONSTRUCTION				UNITS	QUANTITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL					
UTILITY RELOCATIONS (Required for Budget, May be 0 if no Utilities)	Relocate 69 kv (+) Poles	EA	1		\$0.00	Yes	-	-							
	Relocate/Underground 12 kv lines	LF			\$0.00	No	-	-							
	Relocate/Underground Irrigation Canal	LF			\$0.00	No	-	-							
	SWG Relocations	LS	1		\$0.00	No	-	-							
	Telephone/Cable TV Relocations	LS	1		\$0.00	No	-	-							
	Upgrade Railroad Crossings	LS	1		\$0.00	No	-	-							
	Other Utilities	LS	1		\$0.00	No	-	-							
	Other Utilities	LS	1		\$0.00	No	-	-							
	SUBTOTAL - UTILITY RELOCATION COSTS							\$0.00	-	-					
	Installation Of SWPP Measures							LS	1	\$0.00	Yes	-	-		
Site Preparation							LS	1	\$0.00	Yes	-	-			
Demolition	Sawcut	LS	1		\$0.00	Yes	-	-							
	Remove Structures and Obstructions	LS	1		\$0.00	Yes	-	-							
	Remove Fencing	LS	1		\$0.00	Yes	-	-							
	Remove Structural Concrete	LF	1		\$0.00	Yes	-	-							
	Remove Asphaltic Concrete Pavement	SY	1		\$0.00	Yes	-	-							
	Remove Concrete Sidewalks, Slabs	SF	1		\$0.00	Yes	-	-							
	Hazmat Abatement	SF	1		\$0.00	Yes	-	-							
Retaining Wall - Reinforced Concrete Cantilevered							LS	1	\$0.00	Yes	-	-			
Earthwork	General Excavation	LS	1		\$0.00	Yes	-	-							
	Drainage Excavation	LS	1		\$0.00	Yes	-	-							
	Structural Excavation	SY	3,000	\$10.00	\$30,000.00	Yes	28,290	1,710							
	Structural Backfill	SY	2,000	\$15.00	\$30,000.00	Yes	28,290	1,710							
	Borrow (In Place)	SY	2,400	\$10.00	\$24,000.00	Yes	22,632	1,368							
Curb & Gutter							LF	1	\$0.00	Yes	-	-			
Aggregate Base							SY	1	\$0.00	Yes	-	-			
Pathway Or Sidewalk Materials	Concrete	SF	5,800	\$ 12.00	\$69,600.00	Yes	65,633	3,967							
	Colored Concrete	SF	5,000	\$ 14.00	\$70,000.00	Yes	66,010	3,990							
	Stamped Color Concrete	SF	1		\$0.00	Yes	-	-							
	Precast Concrete Pavers	SF	1		\$0.00	Yes	-	-							
	Asphaltic Concrete	SF	1		\$0.00	Yes	-	-							
	Polymer or Resin Stabilized Surface	SF	1		\$0.00	Yes	-	-							
	Concrete Pavers	EA	1		\$0.00	Yes	-	-							
Crosswalk Enhancement	Stamped Asphalt	EA	1		\$0.00	Yes	-	-							
	Stamped Concrete	EA	1		\$0.00	Yes	-	-							
	Concrete	LF	1		\$0.00	Yes	-	-							
Integral Color Concrete							LF	1	\$0.00	Yes	-	-			
Pedestrian ADA Ramp							EA	1	\$0.00	Yes	-	-			
Pedestrian Bridge - 3-Span Bridge - 400 ft crossing distance - steel frame with shade canopy							EA	1	\$ 1,900,000.00	\$1,900,000.00	Yes	1,791,700	108,300		
Pedestrian Lighting Including Conduit And Trenching							EA	1	\$36,000.00	\$36,000.00	Yes	33,948	2,052		
Handrail	Standard	LF	0	\$0.00	\$0.00	Yes	-	-							
	Decorative	LF	1,200	\$40.00	\$48,000.00	Yes	45,264	2,736							
SUBTOTAL HARDSCAPE CONSTRUCTION								\$2,207,600.00		2,081,767	125,833				
2. Landscaping & Irrigation Items	Trees Above 15 Gallon In Size As Required Per Local Code Or Special Design Requirements							EA	18	600	\$10,800.00	Yes	10,184	616	
	Trees (15 Gallon Size)							EA	1		\$0.00	Yes	-	-	
	Trees (5 Gallon Size)							LS	1		\$0.00	Yes	-	-	
	Shrubs (5 Gallon Size)							EA	80	30	\$2,400.00	Yes	2,263	137	
	Shrubs (1 Gallon Size)							EA	1		\$0.00	Yes	-	-	
	Cactus (5 Gallon Size)							LF	1		\$0.00	Yes	-	-	
	Mulch	Decomposed Granite							LS	8,000	1	\$8,000.00	Yes	7,544	456
		Organic							EA	1		\$0.00	Yes	-	-
	Topsoil							EA	1		\$0.00	Yes	-	-	
	Seeding							EA	1		\$0.00	Yes	-	-	
	Turf Sod							EA	1		\$0.00	Yes	-	-	
	Boulders							LF	1		\$0.00	Yes	-	-	
	Irrigation System	Drip							LS	1	15,000	\$15,000.00	Yes	14,145	855
		Turf							LF	1		\$0.00	Yes	-	-
	Sleeving For Irrigation System							LF	1		\$0.00	Yes	-	-	

	Receiving Irrigation System	Cut and Patch	LF	1		\$0.00	Yes	-	-	
	Landscape Header Curb		LF	400	4	\$1,600.00	Yes	1,509	91	
	Landscape Establishment		LS	1	4,500	\$4,500.00	Yes	4,244	257	
	SUBTOTAL LANDSCAPING & IRRIGATION ITEMS								39,889	2,411
3. Site Furnishings	Benches		EA	4	3,500	\$14,000.00	No	-	14,000	
	Seatwalls		LF	1		\$0.00	No	-	-	
	Bike Racks		EA	4	1,500	\$6,000.00	No	-	6,000	
	Trash Receptacles		EA	2	500	\$1,000.00	No	-	1,000	
	Drinking Fountains		EA	1		\$0.00	No	-	-	
	Signage (Standard Traffic Control)		EA	1		\$0.00	No	-	-	
	Signage (Wayfinding)		EA	4	1,500	\$6,000.00	No	-	6,000	
	Tree Grates		EA	1		\$0.00	Yes	-	-	
	SUBTOTAL SITE FURNISHINGS								27,000	27,000
4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects.	Bicycle and Pedestrian Counter		Acre			\$0.00	No	-	-	
			EA	0		\$0.00	No	-	-	
			EA			\$0.00	No	-	-	
			LS	0		\$0.00	No	-	-	
			LS	0		\$0.00	No	-	-	
			EA			\$0.00	No	-	-	
			LF			\$0.00	No	-	-	
			LS	0		\$0.00	No	-	-	
		EA			\$0.00	No	-	-		
					\$0.00	No	-	-		
	SUBTOTAL OTHER CONSTRUCTION ITEMS								-	-
TOTAL CONSTRUCTION COST						2,276,900		2,121,656	155,244	

	MOBILIZATION AND ADMINISTRATION COSTS	CONTRACTOR MOBILIZATION (Typically 8% of construction cost)	3%	68,307	No	-	68,307
		TRAFFIC CONTROL (0-8% of construction cost)	1%	22,769	No	-	22,769
		CONSTRUCTION CONTINGENCIES (Typically 5% of construction cost)	5%	113,845	No	-	113,845
		CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	5%	113,845	No	-	113,845
SUBTOTAL – MOBILIZATION & ADMINISTRATION COSTS				318,766		-	318,766
TOTAL CONSTRUCTION AND MOBILIZATION FOR PROGRAMMING				2,595,666		2,121,656	474,010
ADOT REVIEW FEE	Please enter 'Yes' if your agency is certified accepted by ADOT for construction		No				
	ADOT Review Fee	Agency Type	RATE	HOURS	TOTAL	USES FEDERAL AID	FEDERAL LOCAL
	Contracts and Specs \ Advertise Project	Non CA	55	100	\$ 5,500	No	- 5,500
	District \ Review Stage Submittals	Non CA	50	40	\$ 2,000	No	- 2,000
	Environmental Planning \ Issue Clearance	All	50	40	\$ 2,000	No	- 2,000
	Right of Way \ Issue Clearance	Non CA	55	24	\$ 1,320	No	- 1,320
	Compliance Review\ Compliance Review	Non CA	175	40	\$ 7,000	No	- 7,000
	Project Management Group\ Project Management	Non CA	120	100	\$ 12,000	No	- 12,000
	Project Management Group\ Project Management	CA Only	120	60	\$ -	No	- -
	Utilities and Railroad Sections\ Issue Clearance	Non CA	50	24	\$ 1,200	No	- 1,200
				\$ 31,020		- 31,020	
TOTAL COST ESTIMATE				\$ 2,829,186		2,121,656	707,530

Avondale : Agua Fria Trail Phase II - Pedestrian Bridge

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	City of Avondale: south of Friendship Park - north of I-10 Freeway	Shared Use Path Pedestrian/Bike Bridge	2022	Local	\$ -	\$ 202,500	\$ 202,500	100.0%
Construction	City of Avondale: south of Friendship Park - north of I-10 Freeway	Shared Use Path Pedestrian/Bike Bridge	2023	TA-MAG	\$ 2,121,656	\$ 474,010	\$ 2,595,666	18.3%
Total Programmed					\$ 2,121,656	\$ 676,510	\$ 2,798,166	24.2%
ADOT Design Review Fee					\$ -	\$ 31,020	\$ 31,020	100.0%
Total Cost					\$ 2,121,656	\$ 707,530	\$ 2,829,186	25.0%

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: David Janover

Title: City Engineer

Date: 09.16.19

Part F - Checklist

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

	Complete?	
COVER SHEET	Complete?	
Cover Sheet is completely filled out	Complete	
PART A - Contacts and Project Description Fields	Complete?	
Contact Information, fields 1 – 5 are complete	Complete	
Project Description, fields 6 - 8 are complete	Complete	
PART B - Project Description	Complete?	
Fields 1 - 14 (Project Description) are complete	Complete	
Fields 15 - 17 (Transit) are complete	Complete	
Fields 18 – 22 (Attractors and Demographics) are complete	Complete	
Fields 23 – 30 (Traffic, Environmental, ROW, and Utilities) are complete	Complete	
Fields 31 – 33 (Guidelines, Policies, and Plans) are complete	Complete	
Fields 34 – 37 (Maintenance, Performance Measurement, and Wayfinding) are complete	Complete	
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.	Complete	
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.	Complete	
Field 3 - Up to four (4) photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).	Complete	
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.	Complete	
(OPTIONAL)- Up to two (2) photos/renderings of the completed project are provided in the printed application and the PDF application.	Complete	
(OPTIONAL) - Up to three (3) letters of support for the project are provided in the printed application and the PDF application.	Complete	
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	Complete	
PART D - Cost Estimate Worksheet	Complete?	
PROCUREMENT (Not applicable for construction projects)	REQUESTED PROGRAMMING (Rows 4-7)	Complete?
	Location Description	Complete
	Work Description	Complete
	Funding Source	Complete
	Preferred Year to Program Work	Complete
	PROCUREMENT/STUDY COSTS (Rows 9-29)	Complete
DESIGN (Applicable for all construction projects; not applicable for procurement projects)	REQUESTED PROGRAMMING (Rows 30-33)	Complete?
	Location Description	Complete
	Work Description	Complete
	Funding Source	Complete
	Preferred Year to Program Work	Complete
	PRELIMINARY ENGINEERING (Rows 35-38)	Complete
	FINAL DESIGN (Rows 40-43)	Complete

Part F - Checklist

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

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 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
SUBTOTAL			100	\$ 9,200
STAFF GRAND TOTAL				\$ 10,000

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
SUBTOTAL			368	\$ 31,020
STAFF GRAND TOTAL				\$ 31,000

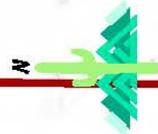
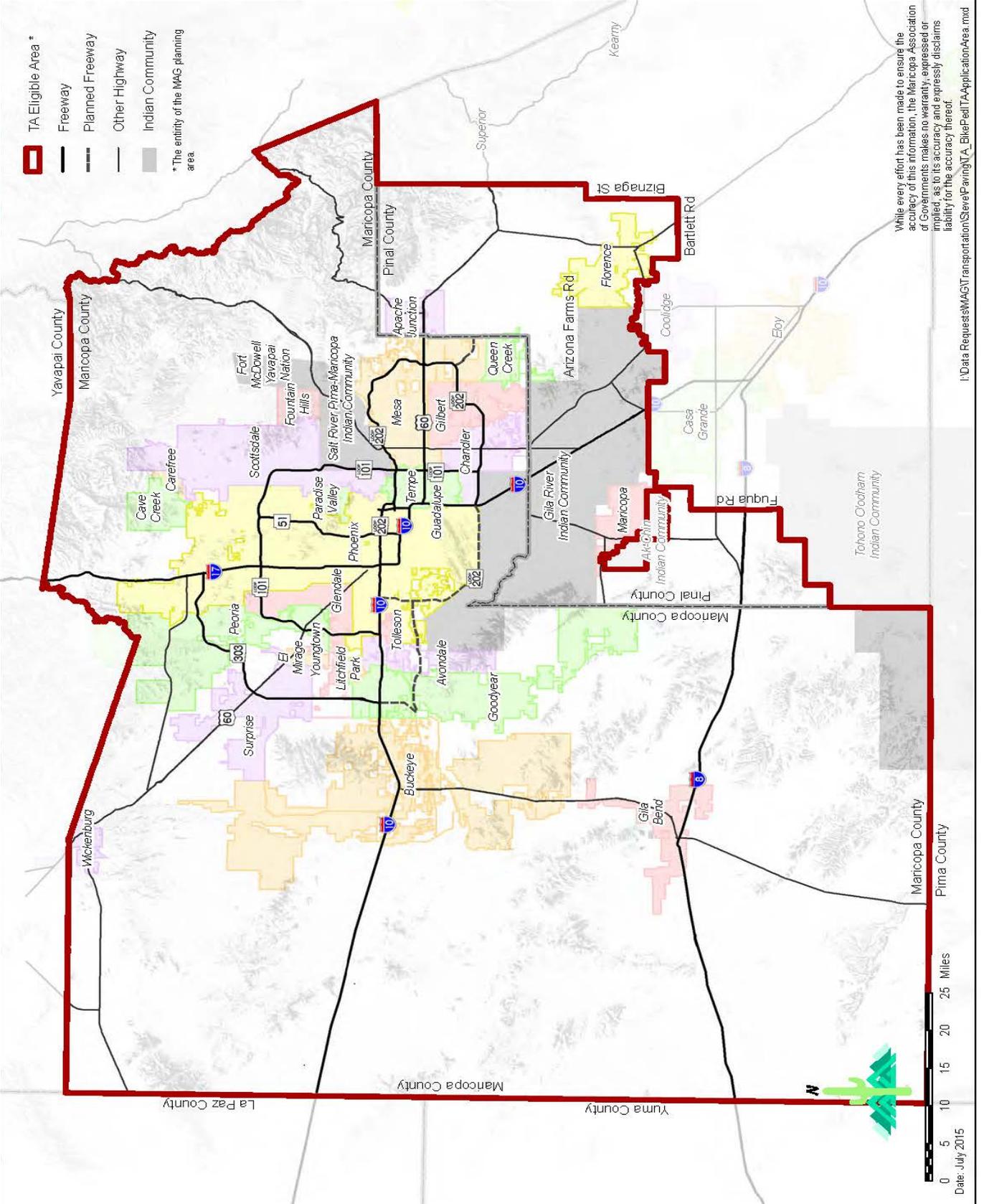
Notes:

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 IMAG 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

EX. CONDITION PHOTOS - AVONDALE MAG CMAQ APPLICATION - AGUA FRIA PED/BIKE BRIDGE



EX. CONDITION PHOTOS - AVONDALE MAG CMAQ APPLICATION - AGUA FRIA PED/BIKE BRIDGE



DETAIL MAP - AVONDALE MAG CMAQ APPLICATION - AGUA FRIA PED/BIKE BRIDGE



N DYSART RD

W MCDOWELL RD

SHARED USE PATH

PED /BIKE BRIDGE

FRIENDSHIP PARK

ADOT DRAINAGE CHANNEL

PROPOSED TRAILHEAD LOCATION
I-10 UNDERPASS PROJECT

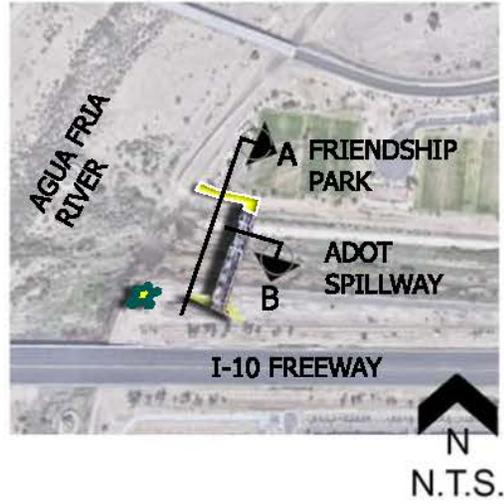
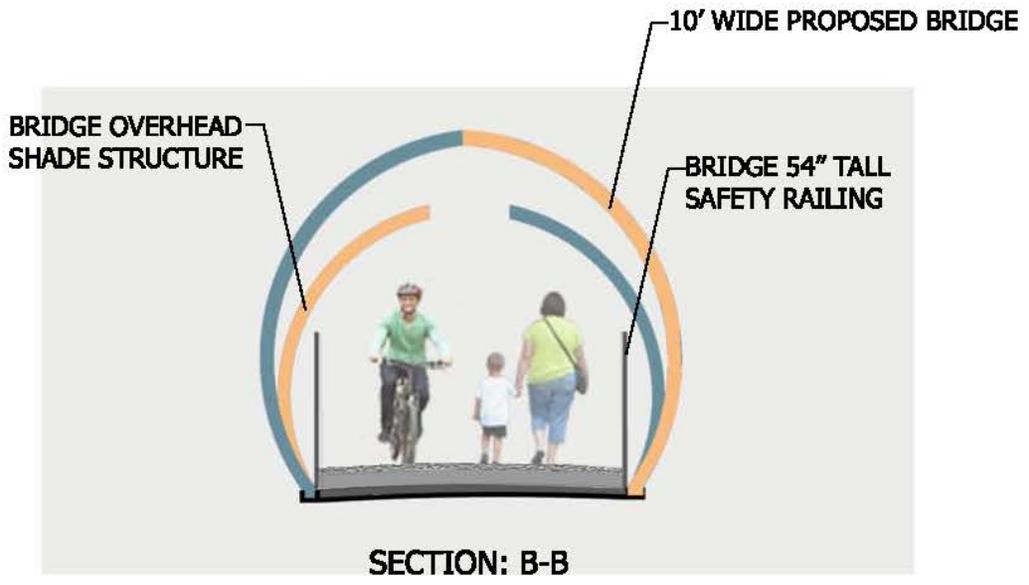
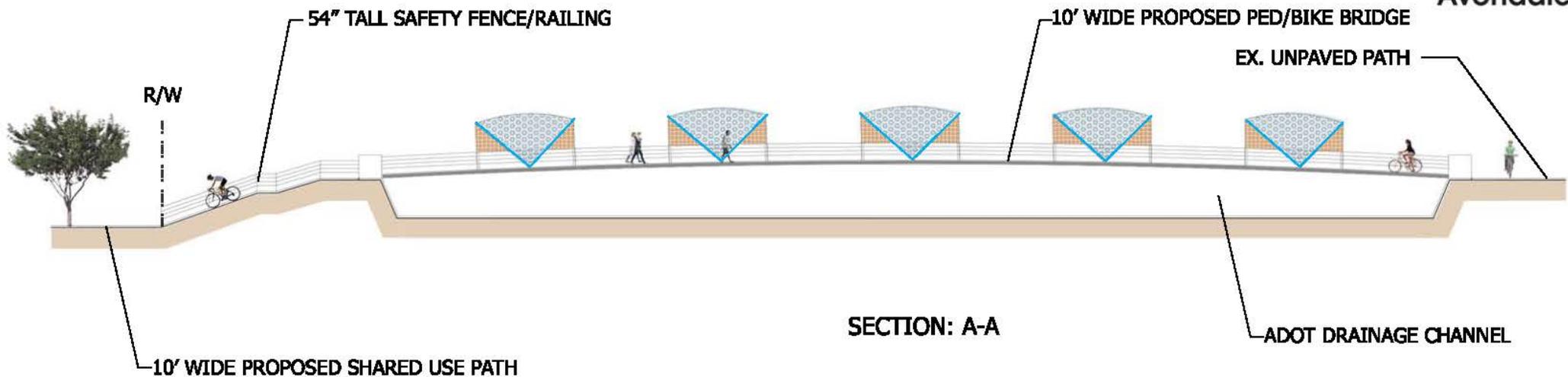
I-10 FREE WAY



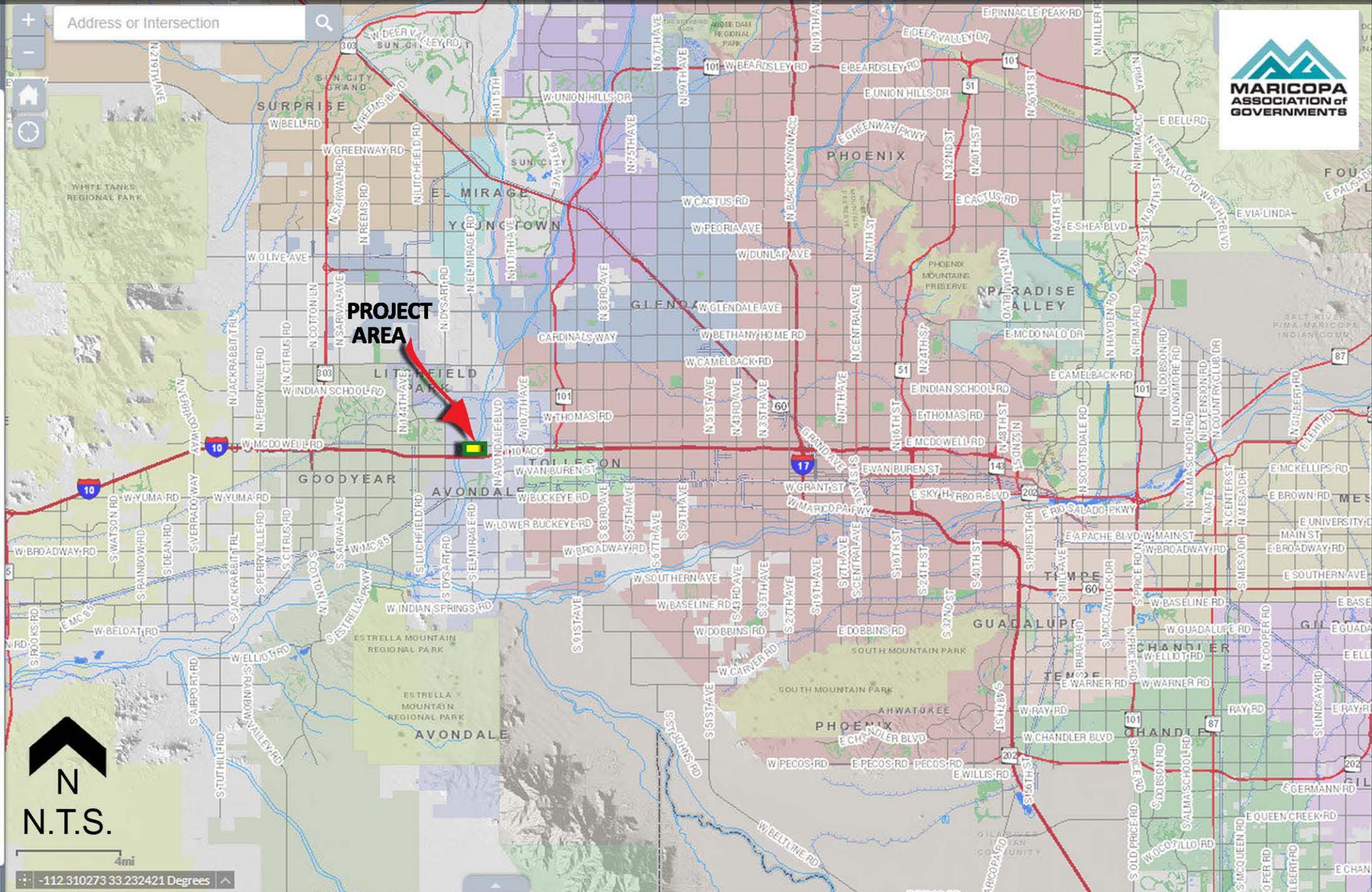
CROSS SECTIONS - AVONDALE MAG CMAQ APPLICATION - AGUA FRIA PED/BIKE BRIDGE



Avondale



REGIONAL MAP - AVONDALE MAG CMAQ APPLICATION - AGUA FRIA PED/BIKE BRIDGE



PROJECT AREA



4mi
-112.310273 33.232421 Degrees

September 9, 2019

Maricopa Association of Governments
302 N 1st Ave #300
Phoenix, AZ 85003

RE: Agua Fria Trail Phase II – Pedestrian Bridge Project

To Whom It May Concern,

I am writing this letter to support the City of Avondale's application for funding for the Agua Fria Trail Phase II – Pedestrian Bridge project. This is the second phase of a project that will connect Friendship Park to the Agua Fria River Trail with a bridge for pedestrians and bicyclists. Currently, the only way to reach Friendship Park from south of I-10 by walking or cycling is to use either Dysart Road or Avondale Road, and then McDowell Road. All of these are heavily trafficked, multi-lane roadways suitable for only the most confident of adult cyclists, and do not provide an inviting walking environment.

Key connectors that are safe from traffic - such as this pedestrian bridge project – are important for kids who are not old enough to drive themselves to parks, people without cars who rely on walking or bicycling, and anyone who may not wish to drive. Providing facilities that can be used by people of all ages and abilities is an important step towards achieving transportation equity.

Best Regards,



Donna Lewandowski
Bicycle and Pedestrian Program Coordinator
Arizona Department of Transportation



Flood Control District of Maricopa County

fcd.maricopa.gov

Michael A. Fulton
Director
2801 West Durango Street
Phoenix, Arizona 85009
Phone: (602) 506-4708
Fax: (602) 372-0989

September 11, 2019

Mr. Charles Montoya
City Manager
City of Avondale
11465 W. Civic Center Drive
Avondale, AZ 85323

Re: City of Avondale Letter of Support
Agua Fria Trail Phase II – Pedestrian Bridge

Dear Mr. Montoya:

This letter confirms the Flood Control District of Maricopa County's support of the proposed Pedestrian Bridge project, which serves as the second phase of the City of Avondale's Agua Fria Multi Use Path. The proposed Pedestrian Bridge will connect the northern terminus of Avondale's Agua Fria Multi Use Path (I-10 Underpass Trail Head) to Friendship Park, crossing over the ADOT channel. The Flood Control District will assist the City of Avondale as needed on all required Army Corps of Engineer permits (404 and 408) for the project. This project will meet the intent of your Trails Master Plan, and the Flood Control District supports the City Avondale in your request for CMAQ/TA funds for this project.

Sincerely,

A handwritten signature in blue ink, appearing to read "M. Fulton", with a checkmark-like flourish at the end.

Michael A. Fulton
Director

Avondale: Agua Fria Trail Phase II - Pedestrian Bridge

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	City of Avondale: south of Friendship Park - north of I-10 Freeway	Shared Use Path Pedestrian/Bike Bridge	2022	Local	\$ -	\$ 202,500	\$ 202,500	100.0%
Construction	City of Avondale: south of Friendship Park - north of I-10 Freeway	Shared Use Path Pedestrian/Bike Bridge	2023	TA-MAG	\$ 2,121,656	\$ 474,010	\$ 2,595,666	18.3%
Total Programmed					\$ 2,121,656	\$ 676,510	\$ 2,798,166	24.2%
ADOT Design Review Fee					\$ -	\$ 31,020	\$ 31,020	100.0%
Total Cost					\$ 2,121,656	\$ 707,530	\$ 2,829,186	25.0%

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: David A. Janover, PE, F.NSPE, CFM

Title: City Engineer

Date: 9.12.2019