

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



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

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

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

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



**INSTRUCTIONS AND SCHEDULE**

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

**General Instructions**

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

This application form includes:

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

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

**Transmittal Instructions**

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

The electronic copy of the application includes the following:

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

The printed copy of the application includes the following:

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

**MAG Mailing Address**

Electronic applications should be sent to the following address:

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

Printed copies should be addressed as follows:

Maricopa Association of Governments  
ATTN: Teri Kennedy,

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

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

**Late and/or incomplete applications will not be accepted.**

**INSTRUCTIONS AND SCHEDULE**

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

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

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

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

**MAG CONTACT INFORMATION**

<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>

Insert of Photo Failed.  
See Attachments

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

Maricopa Station, Phase 1

City of Maricopa

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

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

## Maricopa, City of: Maricopa Station, Phase 1

**PART A - CONTACT AND PROJECT DESCRIPTION****Contact Information**

1. Name of Sponsoring Agency	Maricopa, City of
2. Agency Contact Name	Joshua Plumb
3. Phone Number of Agency Contact	520-316-6937
4. E-Mail Address of Agency Contact	josh.plumb@maricopa-az.gov
5. Mailing Address of Agency Contact	39700 W Civic Center Plaza Maricopa, AZ 85138

**Project Description**

6. Please provide the Project Title.	Maricopa Station, Phase 1
7. Please provide a concise, specific description of the project (250 character limit):	An overpass project for nonmotorists crossing the Union Pacific Railroad generally located west of SR-347 and north of Maricopa High School providing a link in the bike-pedestrian network. Scope includes paths, ramps, bridge, fencing, and landscaping.
8. Please provide the project limits:	See Attachment 2 showing approximately 1,100 feet of route to provide a safe railroad crossing.

Maricopa, City of : Maricopa Station, Phase 1

**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" value="OVERPASS CROSSING OF RAIL ROAD (AND RAMPS)"/>       |
| <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" value="THE PRIMARY ELEMENT IS THE BRIDGE"/> |
| <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"/> 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="none"/>                                      |
| <input type="checkbox"/> Number of new openings in street walls |  |
| <input type="checkbox"/> Number of Shade Structures             |  |

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

A major roadway project is underway creating an overpass crossing for SR-347 @ UPRR. With this project, the only legal crossing for UPRR is less convenient for many bicycle and pedestrian users. With the construction, a new safe crossing for users at a convenient location would best serve for a safe crossing of UPRR, appropriate for all users. Maricopa Station, Phase 1 will provide a critical link in the bike-ped network in a community envisioned to be pedestrian friendly as it redevelops.

Maricopa, City of : Maricopa Station, Phase 1

PART B-DETAILED PROJECT DESCRIPTION

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

MULTIUSE PATH CONNECTING EXISTING NON-MOTORIST NETWORK ACROSS HIGH VOLUME INDUSTRIAL AND COMMUTER RAIL (UPRR/AMTRAK) WITH A BRIDGE. 10' PATH TO INCLUDE SHADE TREES AND SEATING FOR RESTING. ALL TO BE CONSTRUCTED TO ADA STANDARDS AND AASHTO BIKE STANDARDS (NO DISMOUNT REQUIRED). GOALS TO ALSO INCLUDE CPTED STANDARDS FOR LIGHTING AND GENERAL PUBLIC SAFETY.

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

THE CONSTRUCTION OF INFRASTRUCTURE THAT WILL PROVIDE SAFE ROUTES FOR NON-DRIVERS INCLUDING CHILDREN, OLDER ADULTS, AND INDIVIDUALS WITH DISABILITIES TO ACCESS DAILY NEEDS

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

INFRASTRUCTURE IS OFF-STREET SEPARATED FROM MOTORISTS

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

- Yes
- No

Please Explain:

Program does not exist to date.

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

IMPROVES SAFETY IN THE ROUTES TO SCHOOL AND BACK, SAFE GRADE-SEPARATED CROSSING OF UPRR (@60+ TRAINS PER DAY)

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

ADA ACCESSIBILITY WILL BE A REQUIREMENT OF THE CONNECTION WHERE NO CONVENIENT ACCESS WILL EXIST ONCE THE SR-347 OVERPASS PROJECT IS COMPLETED (FALL 2019)

Maricopa, City of : Maricopa Station, Phase 1

**PART B-DETAILED PROJECT DESCRIPTION**

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

IN ANTICIPATION OF THE SR347 OVERPASS PROJECT, THE EXISTING BIKE/PEDESTRIAN NETWORK WILL BE CHANGED SIGNIFICANTLY IN THE AREA. ADDITIONAL CONVENIENT NETWORK CONNECTIONS FOR THESE USERS WILL BE ADDING A GRADE-SEPARATED CROSSING ACROSS THE UPRR TRACKS WITH 60+ TRAINS A DAY. IT CONNECTS NEIGHBORHOODS WITH [X% AREA MEDIAN INCOME] TO THE HIGH SCHOOL AND PARK AND COMMERCIAL DESTINATIONS...

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

PROJECT WOULD FULFILL PHASE 1 OF A LARGER PROJECT THAT WOULD INCLUDE PARK SPACE AND A DESTINATION FOR THE HEART OF MARICOPA'S HERITAGE DISTRICT

14. Connectivity: (Check all that apply)

Project fills a gap in the system

Explain:

CONNECTS BIKE-PEDESTRIAN NETWORK GAP BETWEEN HISTORICALLY DIVIDED COMMUNITY (UPRR)

Project connects to other local bikeways

List of connected bikeways:

PAVED/STRIPED SHOULDER

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

List of Participating Jurisdictions:

UPRR

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.

2 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.

2 Within 1/2 mile

List routes and frequency:

MARICOPA MEADOWS PARK AND SUN LIFE WOMAN'S CENTER STOPS BY LOCAL CIRCULATOR "COMET" 6 DAILY CIRCUITS OF THE CITY (3 AM ROUTES, 3 PM ROUTES). DETAILS: <http://www.maricopa-az.gov/web/transportation>

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

0 Within 1/2 mile

List:

PLANNED, BUT UNDEVELOPED

Maricopa, City of : Maricopa Station, Phase 1

**PART B-DETAILED PROJECT DESCRIPTION**

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

**1** Within 1/2 mile

List:

MHS BALL FIELDS, MHS PERFORMING ARTS, LEXINGTON POCKET PARK

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):

**8** Within 1/2 mile

List:

MARICOPA BUSINESS CENTER (SHOPPING CENTER), TRAIN STATION CENTER (OFFICE CENTER), MARICOPA MANOR (SHOPPING CENTER), SHOPS AT MARICOPA VILLAGE (SHOPPING CENTER), MARICOPA TOWN CENTER

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

**1** Within 1/2 mile

List:

MARICOPA WELLS

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

**1** Within 1/2 mile

List:

MARICOPA 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):

**5** Within 1/4 miles

List:

PINAL COUNTY COURT HOUSE, POST OFFICE, XP MEDIA CHURCH, MARICOPA COMMUNITY CHURCH, HEAD START PRESCHOOL

**0** 1/4 miles to 1/2 miles

List:

GREAT WESTERN BANK, BRIGHT MINDS PRESCHOOL, COMMUNITY OF HOPE CHURCH, LDS CHURCH,

Maricopa, City of : Maricopa Station, Phase 1

**PART B-DETAILED PROJECT DESCRIPTION**

23. What are the demographics of the area served:

[MAG Demographic Mapping](#)

People Per Square Mile

% Families in Poverty

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

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

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

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

Federal Functional Classification of the Facility:

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

Type of Facility the Improvement will be located on:

Length (in Miles)

Posted Speed Limit (MPH)

Number of Travel Lanes Before Project

Number of Travel Lanes After Project

Maricopa, City of : Maricopa Station, Phase 1

PART B-DETAILED PROJECT DESCRIPTION

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

ADT Estimate

Date Counted

Name of road the traffic count was taken from

Description of Methodology and Source used for the ADT Estimate

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

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

27. Current ROW: (Check all that apply)

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

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

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

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

Yes

No

Maricopa, City of : Maricopa Station, Phase 1

PART B-DETAILED PROJECT DESCRIPTION

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

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

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

At this time the only known utility conflicts would be drainage, overhead electric, and the railroad. Drainage would be address with on-site drainage channels and basins. Overhead electric would be undergrounded and potentially run as conduit with the overpass structure. The railroad is being spanned by a clear span bridge. Bridge, walls, paths and lighting will all meet UPRR crossing design requirements. All will be decided with 100% plans.

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

<input checked="" type="checkbox"/>	AASHTO Guide for Bicycle Facilities	Other:
<input checked="" type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	ADA
<input type="checkbox"/>	MAG Complete Streets Guide	
<input type="checkbox"/>	MAG Designing Transit Accessible Communities	
<input checked="" 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 faculties:

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="Required"/>
With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:	<input type="text" value="Recommend"/>
With new development or during development retrofits, shared-use paths are:	<input type="text" value="Required"/>
Bicycle program implemented, including bike education, safety events, and bike maps	<input type="text" value="No"/>
Complete Streets Policy	<input type="text" value="Yes"/>

34. The project is: (Check one)

Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source)  
List:  
Goal E3.1: Create safe and functional pedestrian ways and bicycle routes as an alternate mode of travel throughout Maricopa.; Objective B3.1.5: Consider opportunities for a Heritage Park / town square in the RDA update. This public/private space could include the Water Tower with linkages to future Amtrak station, a Railroad Heritage Park and Visitor Center, and the relocation of the Zephyr train car as recommended in RDA. (www.PlanningMaricopa.com, the General Plan)

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

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

Maricopa, City of : Maricopa Station, Phase 1

**PART B-DETAILED PROJECT DESCRIPTION**

Explain:

Maricopa, City of : Maricopa Station, Phase 1

**PART B-DETAILED PROJECT DESCRIPTION**

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

FOLLOW-UP REQUIRED TO VERIFY THE USE OF THE FACILITY IS SUCCESSFULLY CHOSEN BY NON-MOTORISTS TO IMPROVE THEIR SAFETY, THAT NON-MOTORIST TRAVEL IS INDUCED, AND THAT A SENSE OF PLACE IS ESTABLISHED

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?

YES, MANUAL COUNTERS TO BE BORROWED FROM MAG INVENTORY AND COLLECTED BY STREETS AND/OR PLANNING STAFF

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. MARKETING AND ANNOUNCEMENTS WILL BE GENERATED ON PLANNINGMARICOPA.COM, THE CITY'S HOMEPAGE, SHARED WITH COMMITTEES, COMMISSION, COUNCIL AT PUBLIC MEETINGS, AND INCLUDED IN THE CITY MANAGER'S REPORT.

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

ANTICIPATED TO BORROW FROM THE VALLEY PATH BRAND AND WAYFINDING SIGNAGE GUIDELINES, IF BUDGET ALLOWS

<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>

**PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM**

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

<b>Sponsoring Agency:</b>	City of Maricopa	<b>Project Title:</b>	Maricopa Station Phase 1	<b>Application Date:</b>	9/25/2017
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)		
<b>A. Scoping (15% Preliminary Engineering Design)</b>	1. SITE TOPOGRAPHIC SURVEY	LS	1		\$0.00	No	\$0.00	\$0.00			
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1		\$0.00	No	\$0.00	\$0.00			
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)	LS	1		\$0.00	No	\$0.00	\$0.00			
	4. HAZMAT ASSESSMENT	LS	1		\$0.00	No	\$0.00	\$0.00			
	<b>Subtotal Scoping (Part A)</b>					<b>\$0.00</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>15% Pending Completion</b>	
<b>B. Final Preliminary Engineering Design - Stages II, III, IV And PS&amp;E</b>	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$171,000.00	\$171,000.00	No	\$0.00	\$171,000.00			
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$6,500.00	\$6,500.00	No	\$0.00	\$6,500.00			
	3. DRAINAGE REPORT	LS	1	\$7,000.00	\$7,000.00	No	\$0.00	\$7,000.00			
	4. SWPPP	LS	1	\$3,500.00	\$3,500.00	No	\$0.00	\$3,500.00			
	<b>Subtotal PE (Part B)</b>					<b>\$188,000.00</b>		<b>\$0.00</b>	<b>\$188,000.00</b>		
<b>Subtotal Preliminary Engineering (Part A + Part B)</b>					<b>\$188,000.00</b>		<b>\$0.00</b>	<b>\$188,000.00</b>			
<b>C. Right-of-Way Acquisition</b>	1. Right-of-Way Acquisition	LS	1		\$0.00	No	\$0.00	\$0.00			
<b>Subtotal Right-of-Way Acquisition (Part C)</b>					<b>\$0.00</b>		<b>\$0.00</b>	<b>\$0.00</b>			
<b>D. Utility Relocation</b>	1. Utility Relocation	LS	1	\$10,000.00	\$10,000.00	No	\$0.00	\$10,000.00			
<b>Subtotal Utility Relocation (Part D)</b>					<b>\$10,000.00</b>		<b>\$0.00</b>	<b>\$10,000.00</b>			
<b>E. Construction Or Implementation</b> [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	1. Hardscape Construction	Installation Of SWPP Measures		LS	1	\$4,000.00	\$4,000.00	Yes	\$3,772.00	\$228.00	
		Site Preparation		LS	1		\$0.00	Yes	\$0.00	\$0.00	
		Demolition	Sawcut		LF	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Structures and Obstructions		LS	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Fencing		LF	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Structural Concrete		CY	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Asphaltic Concrete Pavement		CY	1	\$250.00	\$250.00	Yes	\$235.75	\$14.25
			Remove Concrete Sidewalks, Slabs		CY	1	\$1,700.00	\$1,700.00	Yes	\$1,603.10	\$96.90
		Hazmat Abatement		LS	1		\$0.00	Yes	\$0.00	\$0.00	
		Retaining Wall - Reinforced Concrete Cantilevered		LS	1	\$139,300.00	\$139,300.00	Yes	\$131,359.90	\$7,940.10	
		Earthwork	General Excavation		CY	12,000	\$16.00	\$192,000.00	Yes	\$181,056.00	\$10,944.00
			Drainage Excavation		CY	1		\$0.00	Yes	\$0.00	\$0.00
			Structural Excavation		CY	1		\$0.00	Yes	\$0.00	\$0.00
			Structural Backfill		CY	1		\$0.00	Yes	\$0.00	\$0.00
			Borrow (In Place)		CY	1		\$0.00	Yes	\$0.00	\$0.00
		Curb & Gutter		LF	50	\$18.00	\$900.00	Yes	\$848.70	\$51.30	
		Aggregate Base		CY	1		\$0.00	Yes	\$0.00	\$0.00	
		Pathway Or Sidewalk Materials	Concrete		SF	18,000	\$8.00	\$144,000.00	Yes	\$135,792.00	\$8,208.00
			Colored Concrete		SF	1		\$0.00	Yes	\$0.00	\$0.00
			Stamped Color Concrete		SF	1		\$0.00	Yes	\$0.00	\$0.00
			Precast Concrete Pavers		SF	1		\$0.00	Yes	\$0.00	\$0.00
			Asphaltic Concrete		SY	50	\$25.00	\$1,250.00	Yes	\$1,178.75	\$71.25
			Polymer or Resin Stabilized Surface		SF	1		\$0.00	Yes	\$0.00	\$0.00
Crosswalk Enhancement	Concrete Pavers		SF	1		\$0.00	Yes	\$0.00	\$0.00		
	Stamped Asphalt		SF	1		\$0.00	Yes	\$0.00	\$0.00		
	Stamped Concrete		SF	1		\$0.00	Yes	\$0.00	\$0.00		
	Concrete		SF	1		\$0.00	Yes	\$0.00	\$0.00		
	Integral Color Concrete		SF	1		\$0.00	Yes	\$0.00	\$0.00		
Pedestrian ADA Ramp		Each	3	\$2,500.00	\$7,500.00	Yes	\$7,072.50	\$427.50			
Culvert Extensions		LF	1		\$0.00	Yes	\$0.00	\$0.00			

**PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM**

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

<b>Sponsoring Agency:</b>	City of Maricopa	<b>Project Title:</b>	Maricopa Station Phase 1	<b>Application Date:</b>	9/25/2017
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
	Pedestrian Lighting Including Conduit And Trenching	Each	16	\$4,000.00	\$64,000.00	Yes	\$60,352.00	\$3,648.00	
	Handrail	Standard	1	\$45,900.00	\$45,900.00	Yes	\$43,283.70	\$2,616.30	
		Decorative	1		\$0.00	Yes	\$0.00	\$0.00	
	Subtotal Hardscape Construction				\$600,800.00		\$566,554.40	\$34,245.60	

**PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM**

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

<b>Sponsoring Agency:</b>	City of Maricopa	<b>Project Title:</b>	Maricopa Station Phase 1	<b>Application Date:</b>	9/25/2017
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)		
<b>E. Construction Or Implementation</b> [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	2. Landscaping & Irrigation Items	Requirements	Each	120	\$325.00	\$39,000.00	Yes	\$36,777.00	\$2,223.00		
		Trees (15 Gallon Size)	Each	20	\$175.00	\$3,500.00	Yes	\$3,300.50	\$199.50		
		Trees (5 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00		
		Shrubs (5 Gallon Size)	Each	800	\$30.00	\$24,000.00	Yes	\$22,632.00	\$1,368.00		
		Shrubs (1 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00		
		Cactus (5 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00		
		Mulch	Decomposed Granite	CY	800	\$165	\$132,000	Yes	\$124,476	\$7,524	
			Organic	CY	1		\$0	Yes	\$0	\$0	
		Topsoil	CY	1		\$0	Yes	\$0	\$0		
		Seeding	Acre	1		\$0	Yes	\$0	\$0		
		Turf Sod	SY	1		\$0	Yes	\$0	\$0		
		Boulders	Each	1		\$0	Yes	\$0	\$0		
		Irrigation System	Drip	SF	120,000	\$1.25	\$150,000	Yes	\$141,450	\$8,550	
			Turf	SF	1		\$0	Yes	\$0	\$0	
		Sleeving For Irrigation System	Directional Bore	LF	1		\$0	Yes	\$0	\$0	
	Cut and Patch		LF	1		\$0	Yes	\$0	\$0		
	Landscape Header Curb	LF	2,500	\$14	\$35,000	Yes	\$33,005	\$1,995			
	Landscape Establishment	LS	1	\$20,000	\$20,000	Yes	\$18,860	\$1,140			
	Subtotal Landscaping & Irrigation Items						\$403,500	\$380,501	\$23,000		
	3. Site Furnishings	Benches	Each	2	\$900	\$1,800	Yes	\$1,697	\$103		
		Seatwalls	LF	1		\$0	Yes	\$0	\$0		
		Bike Racks	Each	2	\$900	\$1,800	Yes	\$1,697	\$103		
		Trash Receptacles	Each	2	\$900	\$1,800	Yes	\$1,697	\$103		
		Drinking Fountains	Each	1		\$0	Yes	\$0	\$0		
		Signage (Standard Traffic Control)	Each	4	\$60	\$240	Yes	\$226	\$14		
		Signage (Wayfinding)	Each	10	\$100	\$1,000	Yes	\$943	\$57		
		Tree Grates	Each	1		\$0	Yes	\$0	\$0		
		Subtotal Site Furnishings						\$6,640	\$6,262	\$378	
	4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)	Bicycle and Pedestrian Counter	Each	1		\$0	Yes	\$0	\$0		
		Pedestrian Bridge	LF	200	\$3,100	\$620,000	Yes	\$584,660	\$35,340		
				1		\$0	Yes	\$0	\$0		
			1		\$0	Yes	\$0	\$0			
			1		\$0	Yes	\$0	\$0			
			1		\$0	Yes	\$0	\$0			
			1		\$0	Yes	\$0	\$0			
			1		\$0	Yes	\$0	\$0			
			1		\$0	Yes	\$0	\$0			
		Subtotal Other Construction						\$620,000	\$584,660	\$35,340	
	5. Mobilization And Administration Costs	Contractor Mobilization	LS	1	\$40,000	\$40,000	No	\$0	\$40,000		
		Traffic Control	LS	1	\$5,000	\$5,000	Yes	\$4,715	\$285		
		Construction Survey & Layout	LS	1	\$1,000	\$1,000	Yes	\$943	\$57		
		Construction Contingencies	LS	1	\$94,000	\$94,000	Yes	\$88,642	\$5,358		
		Construction Administration	LS	1	\$180,000	\$180,000	Yes	\$169,740	\$10,260		
		Subtotal Mobilization & Administration Costs						\$320,000	\$264,040	\$55,960	
	<b>Subtotal Construction Or Implementation Cost (Part E)</b>						<b>\$1,950,940</b>	<b>\$1,802,016</b>	<b>\$148,924</b>		
<b>F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)</b>						<b>\$2,148,940</b>	<b>\$1,802,016</b>	<b>\$346,924</b>			

**PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM**

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

<b>Sponsoring Agency:</b>	City of Maricopa	<b>Project Title:</b>	Maricopa Station Phase 1	<b>Application Date:</b>	9/25/2017
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
G.	Adot Fee Review Fee - \$10,000 for Certified Accepted agencies, otherwise \$30,0000				\$30,000	No	\$0	\$30,000	
H.	Total Project Cost Including ADOT Fees (Part F + Part G)				\$2,178,940		\$1,802,016	\$376,924	

**PART E - TOTAL PROJECT SCHEDULE AND BUDGET**

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

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

Cost Estimate for the Project Including ALL Segments	Cost	Additional Notes (if needed)
1. ADOT Fee	\$30,000	
2. Design	\$188,000	
3. Right of way	\$0	
4. Utilities	\$10,000	
5. Construction	\$1,856,940	
6. Contingency	\$94,000	No more than 20% of Construction Cost
7. Total Cost	\$2,084,940	

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

9. Expected Annual Maintenance Cost 5,000

10. Identify Source of Maintenance Funds General Fund (local funding)

Requested MAG Programming	Year	Short Work Description (E.g. Construct Multiuse Path)	Local Funding Source	Local Cost	Federal Cost	Total Cost	Local Share
11. Design (Optional)	2019		Other	\$188,000	Not Available	\$188,000	100.0%
12. Right of way (Optional)				\$0	Not Available	\$0	
13. Utilities (Optional)	2020	Relocation of overhead electric	Other	\$10,000	Not Available	\$10,000	100.0%
14. Other (Optional)				\$0	Not Available	\$0	
15. Construction	2021	An overpass project for nonmotorists crossing the Union Pacific Railroad generally located west of SR-347 and north of Maricopa High School providing a link in the bike-pedestrian network. Scope includes paths, ramps, bridge, fencing, and landscaping.	Other	\$118,842	\$1,966,098	\$2,084,940	5.7%
16. Total Costs				\$316,842	\$1,966,098	\$2,282,940	13.9%

**PART F - SIGNATURE AND CHECKLIST**

**Checklist**

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

<b>COVER SHEET</b>	<b>Complete?</b>
Cover Sheet is completely filled out	Yes
<b>PART A - Contacts and Project Description Fields</b>	<b>Complete?</b>
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6 - 8 are complete	Yes
<b>PART B - Project Description</b>	<b>Complete?</b>
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
<b>PART C - Required Attachments</b>	<b>Complete?</b>
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.	No
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	Yes
<b>PART D - Cost Estimate Worksheet</b>	<b>Complete?</b>
Sponsoring Agency, Project Title, and Application Date are complete	yes
Part A - Scoping is complete	yes
Part B - Final Preliminary Engineering Design is complete	yes
Part C - Right-of-Way Acquisition is complete	yes
Part D - Utility Relocation is complete	yes
Part E - Construction or Implementation is complete	yes
Parts F, G, and H - Costs are complete and accurate	yes
<b>PART E - Total Project Schedule and Budget Including All Segment Fields</b>	<b>Complete?</b>
Fields 1 – 7 are complete and costs are accurate	yes
Field 8 - 10 are complete	Yes
Fields 11 – 15 Years are complete	Yes
Fields 11 – 15 Local Funding Sources are complete	Yes
Fields 11 – 15 Local Costs are complete and accurate	Yes

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

**SIGNATURE(S):**

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

Signature:	
Name:	Joshua Plumb
Title:	Engineering / Floodplain Manager
Date:	25-Sep-17

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

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

### Submission Requirements

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

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

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

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

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

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

ADOT SECTION	FUNCTION	RATE	HOURS	CHARGE/2
Environmental Planning	Environmental Planning	\$ 50	100	\$ 5,000
Urban Project Management	Project Manager	\$ 60	60	\$ 3,600
Urban Project Management	Project Coordinator	\$ 60	20	\$ 1,200
<b>SUBTOTAL</b>			<b>180</b>	<b>\$ 9,800</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	Contracts and Specs	\$ 60	200	\$ 12,000
District	District	\$ 55	18	\$ 990
Engineering Consulting Section	Engineering Consulting Section	\$ 40	24	\$ 960
Environmental Planning	Environmental Planning	\$ 50	100	\$ 5,000
Materials	Geotech Design	\$ 50	15	\$ 750
Materials	Geotech Field Investigation	\$ 50	5	\$ 250
Right of Way	Plans	\$ 50	40	\$ 2,000
Roadway Group	Roadway Design	\$ 55	40	\$ 2,200
Roadway Group	Roadway Review	\$ 70	5	\$ 350
Traffic	Traffic Design	\$ 55	45	\$ 2,475
Urban Project Management	Project Manager	\$ 60	40	\$ 2,400
Urban Project Management	Project Coordinator	\$ 60	10	\$ 600
<b>SUBTOTAL</b>			<b>542</b>	<b>\$ 29,975</b>
<b>STAFF GRAND TOTAL</b>				<b>\$ 30,000</b>

**Notes:**

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

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

**TRANSPORTATION ALTERNATIVES PROGRAM**

**Eligible Activities**

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

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

A. Construction of on-road and off-road trail facilities for pedestrians, bicyclists, and other nonmotorized forms of transportation, including sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety-related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act of 1990 (42 USC 12101 et seq.).

B. Construction of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs.

C. Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other nonmotorized transportation users.

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

A. Infrastructure-related projects

[http://www.fhwa.dot.gov/environment/safe\\_routes\\_to\\_school/guidance/#toc123542197](http://www.fhwa.dot.gov/environment/safe_routes_to_school/guidance/#toc123542197)

B. Noninfrastructure-related activities (There is a separate MAG application for non-infrastructure SRTS)

[http://www.fhwa.dot.gov/environment/safe\\_routes\\_to\\_school/guidance/#toc123542199](http://www.fhwa.dot.gov/environment/safe_routes_to_school/guidance/#toc123542199)

**Eligible Project Sponsors**

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

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

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

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

**MAG TA PROGRAM GOALS**

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

**DEFINITIONS:**

- Accessibility:** The ability of transportation infrastructure improvements to provide better access to transit stops, destinations, schools, homes/subdivisions, and employment for people that are walking or biking for all ages and abilities.
- Connectivity:** The ability of transportation infrastructure improvements to link the proposed project to other bike/pedestrian facilities, completing a gap in a bike/pedestrian facility, or a city/town.
- Safety:** Projects that make a street safer by addressing a perceived or observed safety problem, including (but not limited to): high vehicle speed, crashes, striping, intersection crossings, or mid-block crossings.

**MAG TA PROGRAM OBJECTIVES**

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

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

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

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

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**CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM**

**Federal Eligibility Requirements**

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

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

**MAG Requirements for the Current Call for Projects**

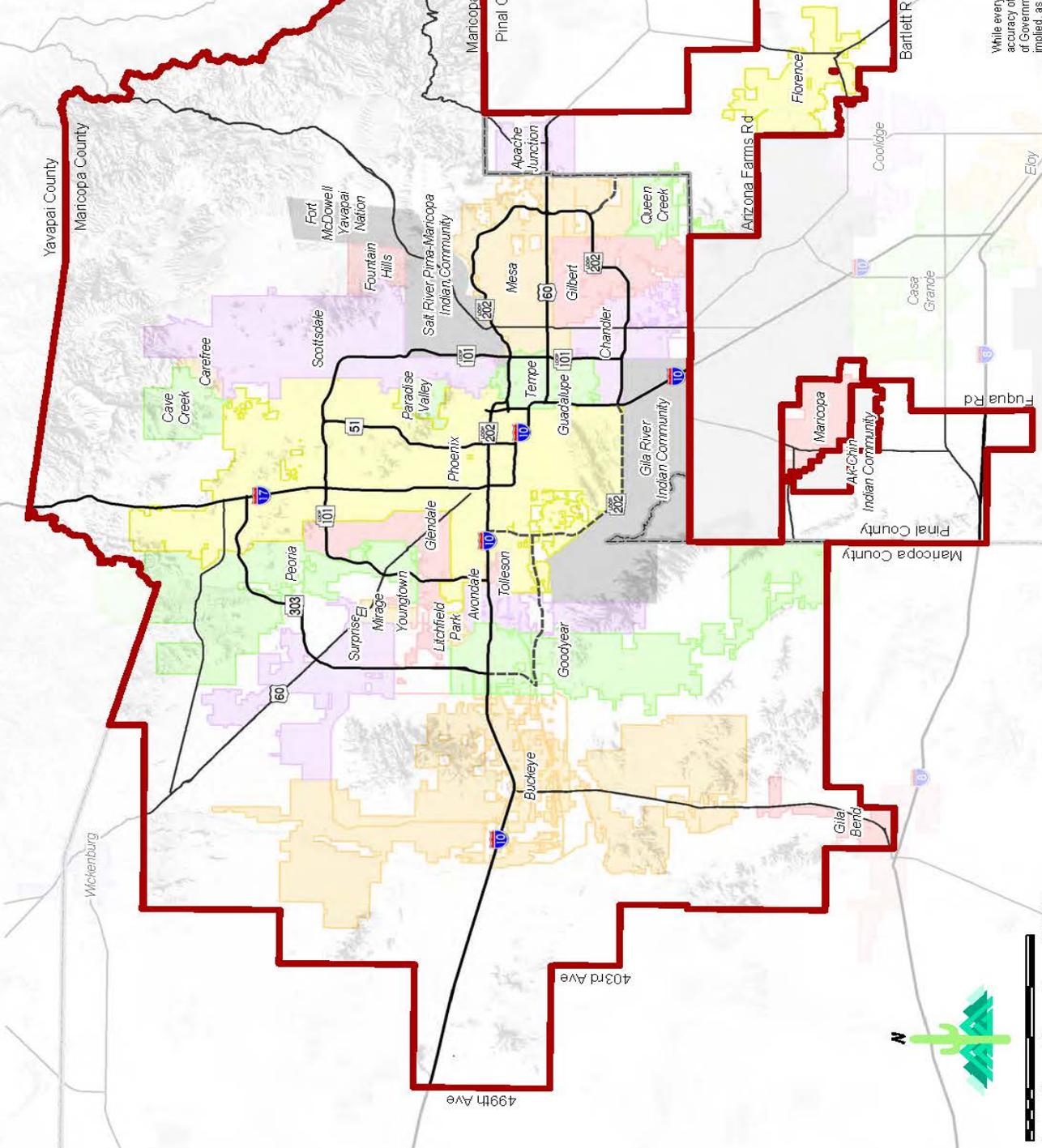
MAG has the following requirements:

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



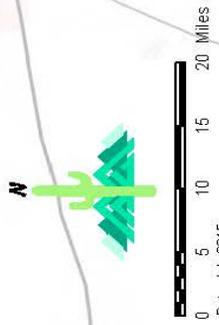
# CMAQ Bicycle/Pedestrian and ITS Application Area

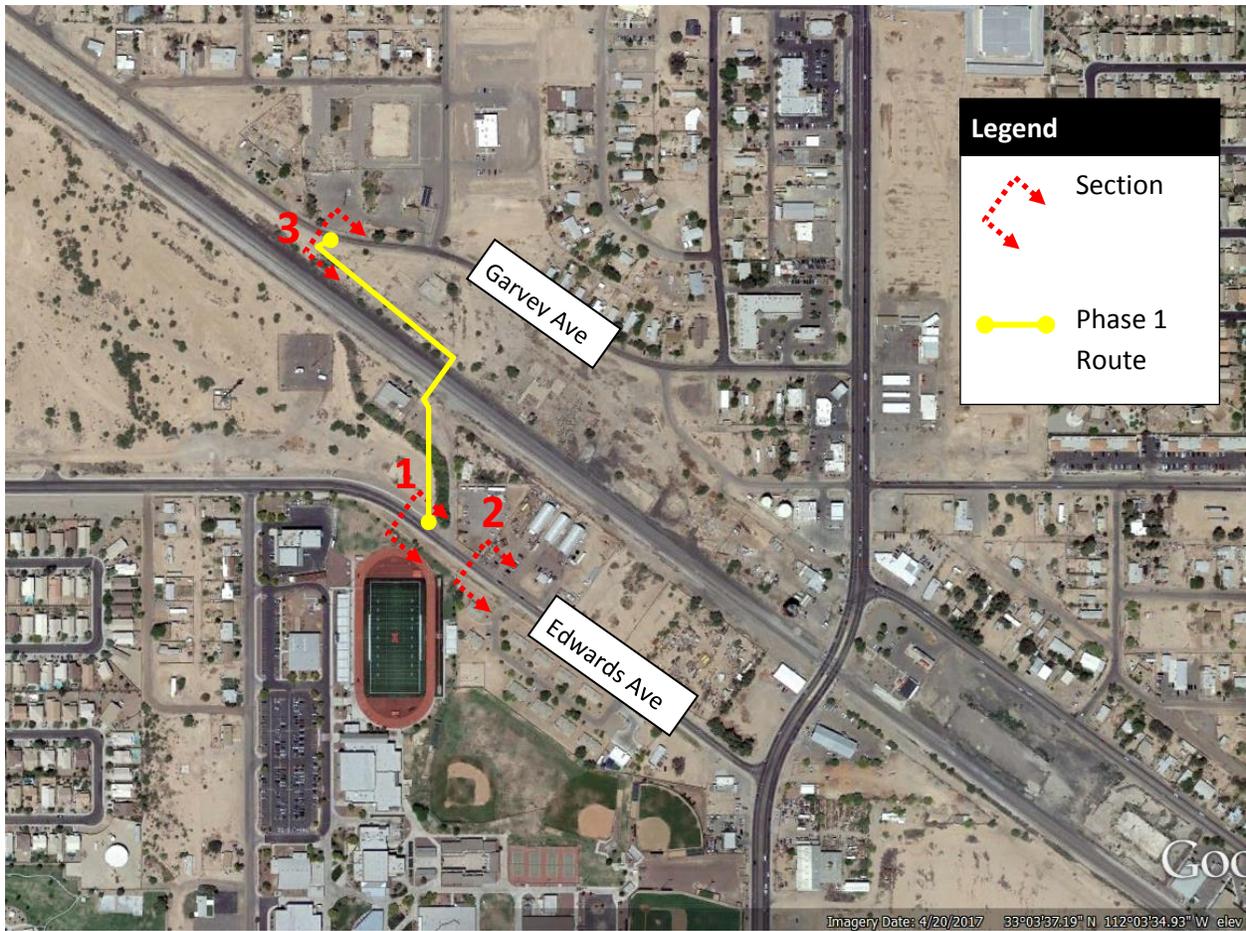
- CMAQ Eligible Area \*
  - Freeway
  - Planned Freeway
  - Other Highway
  - Indian Community
- \* Combines Carbon Monoxide and Ozone Maintenance Areas and PM-10 Nonattainment Areas in the PM-10 Planning Area, and the West Pinal PM2.5 Nonattainment Area.



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

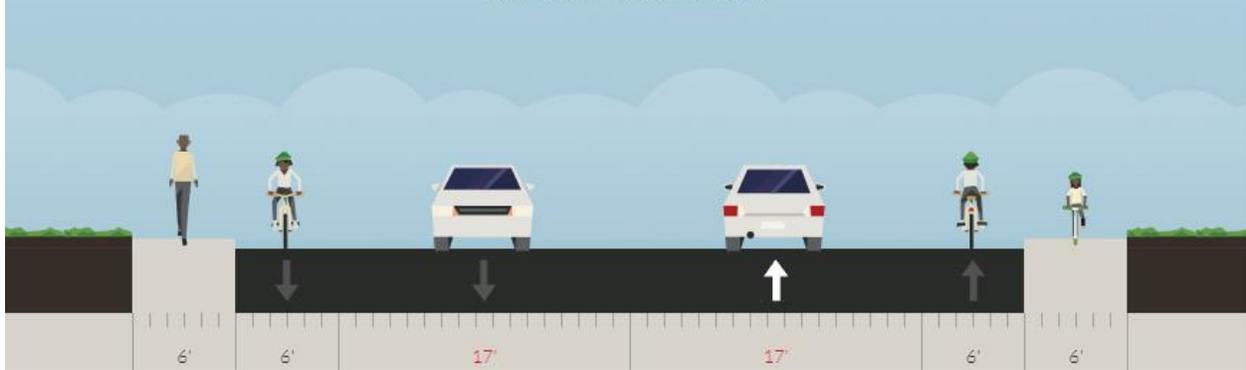
I:\Data Requests\MA\Transportation\Server\paving\CMAQ\_BikePed\ITA\Application-Area.mxd





# 1 Edwards Ave (location 1) Looking East

58' width - A few seconds ago



Sidewalk + curb	Bike lane + gutter	Travel lane*	Travel lane*	Bike lane + gutter	Sidewalk + curb
-----------------	--------------------	--------------	--------------	--------------------	-----------------

\*Extra wide travel lanes soon transition to sharing space for a center turn lane

2

# Edwards Ave (location 2) Looking East

36' width ▾ · A few seconds ago

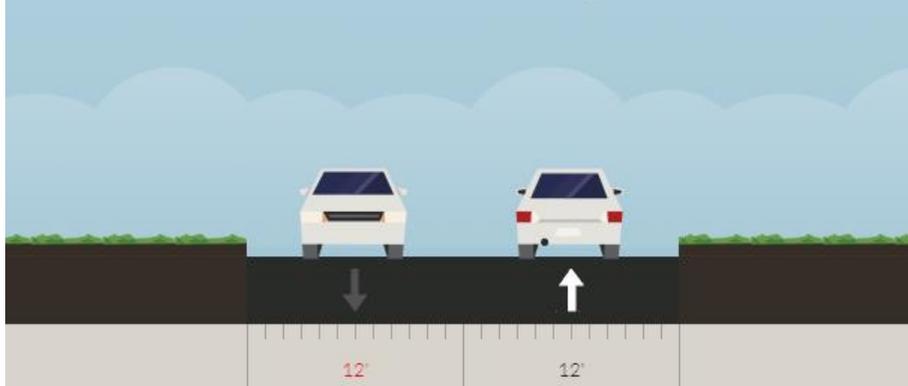


Travel lane	Travel lane	Bike lane + gutter	Sidewalk + curb
-------------	-------------	--------------------	-----------------

3

# Garvey Ave, Looking East

24' width ▾ · A few seconds ago



Travel lane	Travel lane
-------------	-------------



**Attachment 1: General Location on Regional Map**







**Attachment 3: Photos indicating existing conditions**

September 14, 2017

Mr. Rodolfo Lopez  
Senior Planner  
City of Maricopa Arizona  
39700 West Civic Center Plaza  
Maricopa, Arizona 85138

Ref: ABDN17-01

Dear Mr. Lopez,

I am writing as part of a continuing effort to attain Council approval for Right-of-Way Abandonment (ABDN17-01). We are nearing a point of presentation to Council for Action at the upcoming Council Meeting in early October. We want to present a scenario for consideration should Council approve the Abandonment.

45030, LLC, (the "LLC"), has recently acquired two parcels of land adjacent to the LLC's currently held parcel (510-28-0010) located at 45030 W. Edwards Avenue in Maricopa. This acquisition took place at a public land auction held by Pinal County on August 9, 2017. The parcels, 510-27-0260 and 510-17-001-C were both acquired from Pinal County, and since have been duly recorded and documented by the Pinal County Recorder's and Assessor's offices. These are depicted on an enclosed attachment of the Pinal County Parcel Viewer mapping. It should be noted that Parcel 210-27-026 was split, and only that portion North and NE of Edwards/McDavid road was offered and acquired. Mapping has not yet been updated by County reflecting the split.

We offer the possibility of orchestrating a "land-swap" whereby fair and reasonable consideration be made towards the LLC conveying the aforementioned parcels in exchange for the ROW's to be abandoned. The parcels represent approximately 1.88 acres total. (They are both encumbered by a non-public 30-foot-wide ingress egress easement.) The ROW represents approximately 0.306 acres.

The LLC does have projected alternative uses for these parcels, but are willing to discuss offering them in exchange for the ROW's, which will clear up long standing confusion in matters of that area.

Please review and advise if such interest fits the City's future planning needs.

Sincerely,

Brian L. Foose  
Member, and Property Manager  
45030, LLC  
P.O. Box 604  
Maricopa, AZ 85139

President  
ViTech Industries, Inc. (Tenant)  
45030 W. Edwards Ave.  
Maricopa, AZ 85139

Encl: Parcel View Imagery  
Parcel Info. 510-27-0260  
Parcel Info. 510-17-011-C



# Maricopa Unified School District#20

44150 W. MARICOPA-CASA GRANDE HWY.  
MARICOPA, ARIZONA 85138

## Board Members

Patti Coutr , President  
AnnaMarie Knorr, Vice Pres.  
Torri Anderson  
Joshua Judd  
Dr. Gary Miller

9/22/17

Mr. Ryan Wozniak, Planner  
City of Maricopa  
Development Services  
39700 West Civic Center Plaza  
Maricopa, Arizona 85138

Dear Mr. Wozniak –

It was our pleasure to assist with the recent lunchtime survey table so that we could test the Bike-Pedestrian Projects preferences of Maricopa High School students.

We know that City Staff has been working toward the Maricopa Station grant related to the Bike-Pedestrian Project and we are happy to provide this letter of support on behalf of the Maricopa Unified School District and Maricopa High School. We believe that bike and pedestrian improvements like the ones you shared with us would be welcomed by the high school as a service to the student body and school staff who might wish to bike or walk to and from school. This project would include paths, ramps, a bridge and landscaping adjacent to the path, which would be really wonderful for our students and staff to utilize.

Sincerely,

Steve Chestnut, Ed. D.  
Superintendent

<b>PART F - SIGNATURE AND CHECKLIST</b>	
<h1>Checklist</h1>	
This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.	
<b>COVER SHEET</b>	<b>Complete?</b>
Cover Sheet is completely filled out	Yes
<b>PART A - Contacts and Project Description Fields</b>	<b>Complete?</b>
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6 - 8 are complete	Yes
<b>PART B - Project Description</b>	<b>Complete?</b>
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
<b>PART C - Required Attachments</b>	<b>Complete?</b>
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.	No
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	Yes
<b>PART D - Cost Estimate Worksheet</b>	<b>Complete?</b>
Sponsoring Agency, Project Title, and Application Date are complete	yes
Part A - Scoping is complete	yes
Part B - Final Preliminary Engineering Design is complete	yes
Part C - Right-of-Way Acquisition is complete	yes
Part D - Utility Relocation is complete	yes
Part E - Construction or Implementation is complete	yes
Parts F, G, and H - Costs are complete and accurate	yes
<b>PART E - Total Project Schedule and Budget Including All Segment Fields</b>	<b>Complete?</b>
Fields 1 – 7 are complete and costs are accurate	yes
Field 8 - 10 are complete	Yes
Fields 11 – 15 Years are complete	Yes
Fields 11 – 15 Local Funding Sources are complete	Yes
Fields 11 – 15 Local Costs are complete and accurate	Yes

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

## SIGNATURE(S):

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

Signature:	
Name:	William Fay
Title:	Public Works Director / City Engineer
Date:	26-Sep-17