

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



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

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

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

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



INSTRUCTIONS AND SCHEDULE

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

General Instructions

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

This application form includes:

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

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

Transmittal Instructions

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

The electronic copy of the application includes the following:

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

The printed copy of the application includes the following:

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

MAG Mailing Address

Electronic applications should be sent to the following address:

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

Printed copies should be addressed as follows:

Maricopa Association of Governments
ATTN: Teri Kennedy,

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

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

Late and/or incomplete applications will not be accepted.

INSTRUCTIONS AND SCHEDULE

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

Application Workshops and Open Working Group Meeting Schedule*

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

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

MAG CONTACT INFORMATION

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



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

Eastern Canal Shared Use Path: Ray Road to Pecos Road

Town of Gilbert

**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)

Gilbert: Eastern Canal Shared Use Path: Ray Road to Pecos Road

PART A - CONTACT AND PROJECT DESCRIPTION	
Contact Information	
1. Name of Sponsoring Agency	Gilbert
2. Agency Contact Name	Kristin Myers
3. Phone Number of Agency Contact	480-503-6706
4. E-Mail Address of Agency Contact	kristin.myers@gilbertaz.gov
5. Mailing Address of Agency Contact	90 East Civic Center Drive, Gilbert AZ 85296
Project Description	
6. Please provide the Project Title.	Eastern Canal Shared Use Path: Ray Road to Pecos Road
7. Please provide a concise, specific description of the project (250 character limit):	
<p>The proposed project will consist of enhancing a 2.8 mile stretch of the Santan Vista Trail corridor for residents and regional trail users along the Eastern Canal from just north of Ray Road south to Pecos Road. The project will serve to connect the existing constructed portions of the Santan Vista Trail to the north of this segment. The trail enhancements will include the construction of a ten (10) foot wide concrete trail and trail amenities throughout the project area.</p>	
8. Please provide the project limits:	
<p>The Eastern Canal corridor (Santan Vista Trail) from approximately 2,011 feet north of Ray Road to Pecos Road</p>	

Gilbert : Eastern Canal Shared Use Path: Ray Road to Pecos Road

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 style="width: 400px; height: 20px;" type="text"/> |
| <input type="checkbox"/> Planning Study | |

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

- | | |
|--|--|
| <input type="checkbox"/> Bridge (overpass) | Other: |
| <input type="checkbox"/> Tunnel (underpass) | <input style="width: 400px; height: 20px;" 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="2"/> Number of Bike racks/lockers | <input type="text" value="5"/> Number of Seating/Rest Area(s) |
| <input type="text" value="0"/> Number of Drinking Fountains | <input type="text" value="2"/> Number of bicycle/pedestrian counting devices |
| <input type="text" value="8"/> Number of Way-finding Signs | <input type="text" value=""/> Number of bicycle/pedestrian counting devices |
| <input type="text" value="4"/> Number of Trash receptacles | Other: |
| <input type="text" value="20"/> Number of Trees | <input style="width: 400px; height: 20px;" type="text"/> |
| <input type="text" value="0"/> Number of new openings in street walls | |
| <input type="text" value="2"/> Number of Shade Structures | |

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

The Santan Vista Trail is a nine (9) mile segment along the Salt River Project's (SRP) Eastern Canal that is part of the 110-mile Sun Circle Trail that loops around metro Phoenix. It cuts northeast/southwest through Gilbert between Baseline Road to Pecos Road - linking Mesa to the north. Specific to the project limits, the Eastern Canal is an open unlined channel with direction of flow from north to south. The unimproved trail alignment is east/southeast of the canal and within SRP Right-of-Way utilized by SRP for operations and maintenance. Throughout sections of the this trail system, Gilbert has formalized a shared use path for Pedestrians, Bicyclists and Operations and Maintenance uses. The project location has trail termini locations about 2,011 feet north of Ray Road and south to Pecos Road. This project will help to minimize congestion and air pollution by having facilities that encourage non-motorized options.

Gilbert : Eastern Canal Shared Use Path: Ray Road to Pecos Road

PART B-DETAILED PROJECT DESCRIPTION

Gilbert : Eastern Canal Shared Use Path: Ray Road to Pecos Road

PART B-DETAILED PROJECT DESCRIPTION

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

The project will consist of enhancing a 2.8 mile stretch of the Santan Vista Trail corridor for residents and regional trail users along the Eastern Canal from just north of Ray Road south to Pecos Road. The project will serve to connect the existing constructed portions of the Santan Vista Trail to the north of this segment. The trail enhancements will include the construction of a ten (10) foot wide concrete trail and trail amenities throughout the project area.

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

The proposed improvements and purpose of the project is to create an opportunity for increased usage of the off-street trail system and continue to make improvements to reduce the gaps within the regional trail system.

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

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

Other

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

- Yes
- No

Please Explain:

Gilbert plans to hold a project opening ceremony prior to construction. Outreach educating the public on the safety benefits of an off-street trail system will be accomplished through public meetings, digital media and print materials.

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

This project improves upon a very serious existing safety issue by providing an off-street shared-use path facility, effectively providing an opportunity to minimize the interaction with pedestrians/bicyclists on our arterial network.

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

As with all projects within Gilbert, they must meet ADA requirements, and when possible, exceed the requirements. This project will have a 10-foot wide, concrete, accessible path, ADA ramps at all crossing locations, compliant push-buttons for safe passage, and shade throughout the trail for areas of rest.

Gilbert : Eastern Canal Shared Use Path: Ray Road to Pecos Road

PART B-DETAILED PROJECT DESCRIPTION

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

This trail connects to many of the parks and activity centers within the town. Over the past few years, Gilbert has integrated the community to the trail system with enhancements that were designed with recreation, connectivity, and safety in mind. This project will continue to connect the trails and allow easier and safer connections throughout our area. Our trail system has seen increased usage of approximately 100 users per day over the past two years showcasing Gilbert's effort to provide alternative modes of travel. In addition, the continued growth within the Town will provide additional opportunities for the use of trails over motor vehicles.

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

This project will provide continued connection within the Santan Vista Trail segment and additional public trails throughout Gilbert and the Phoenix Metro area. We are currently preparing to construction the segment of Santan Vista Trail (Eastern Canal) from Warner Road to Ray Road, located immediatly north of the proposed project and this will be a vital project to connect this trail segment to the southern area of Gilbert. In addition, the Gilbert's 2014 Parks, Recreation, and Trails Master Plan calls to provide "Best in Class" parks and recreation programs and facilities within the next ten years.

14. Connectivity: (Check all that apply)

Project fills a gap in the system
Explain:

The Town of Gilbert's current Santan Vista Trail Project, Phase II (PR084) will terminate slightly north of this proposed project, therefore leaving a gap from just north of Ray Road to Pecos Road. With SRP as a partner in this project, it will pave approximately 2.8 miles of trail for an enhanced off-street system beyond the on-street facilities for all non-vehicular users.

Project connects to other local bikeways
List of connected bikeways:

Sun Circle Trail, Western Canal Trail, Heritage Trail, and RWCD/East Maricopa (future Marathon Trail)

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

Salt River Project (see attached letter of support)

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:

Route 156/Williams Field Road: 30 minute frequencies - Monday thru Sunday

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

Gilbert : Eastern Canal Shared Use Path: Ray Road to Pecos Road

PART B-DETAILED PROJECT DESCRIPTION

0

Within 1/2 mile

List:

--

Gilbert : Eastern Canal Shared Use Path: Ray Road to Pecos Road

PART B-DETAILED PROJECT DESCRIPTION

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

3 Within 1/2 mile

List:

Crossroads Park, Polar Ice Public Skating Facility, Ashland Ranch Neighborhood 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):

4 Within 1/2 mile

List:

Val Vista/Warner Crossing Shopping Complex, San Tan Village Mall, The Shoppes at Val Vista, and Spectrum Falls Professional Park

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

2 Within 1/2 mile

List:

Spectrum Elementary, Ashland Ranch Elementary

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

1 Within 1/2 mile

List:

Desert Hills 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):

4 Within 1/4 miles

List:

Desert Cross Lutheran Church, Church of Jesus Christ of Latter Day Saints, Apostolic Lutheran Church, Excel Primary Care

7 1/4 miles to 1/2 miles

List:

Southeast Valley Baptist Church, We Care Family Wellness Center, Word Alive Christian Church, Val Vista/Warner Crossing Shopping Complex, San Tan Village Mall, The Shoppes at Val Vista, and Spectrum Falls Professional Park

Gilbert : Eastern Canal Shared Use Path: Ray Road to Pecos Road

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

Gilbert : Eastern Canal Shared Use Path: Ray Road to Pecos Road

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

Gilbert : Eastern Canal Shared Use Path: Ray Road to Pecos Road

PART B-DETAILED PROJECT DESCRIPTION

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

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

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

All utilities will be protected or moved as needed, which will be determined in the design stage in FY2020. The design of the pathway and its alignment will take in consideration the location of the utility constraints, and because of the width of the trail-use area (35 feet) there are opportunities to adjust the pathway to avoid conflicts.

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

<input checked="" type="checkbox"/>	AASHTO Guide for Bicycle Facilities	<input type="text"/>
<input checked="" type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	
<input checked="" 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 checked="" type="checkbox"/>	NACTO Urban Bikeway Design Guide	
<input type="checkbox"/>	RPTA Bus Stop Program and Standards	

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

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

34. The project is: (Check one)

<input checked="" type="checkbox"/>	Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source)
	List: <input type="text" value="The project is listed in Gilbert's FY2017 - FY2026 Capital Improvement Plan under Project number: PR085."/>
<input type="checkbox"/>	Consistent with general policy/practices, but not formally identified (provide source)
	Explain: <input type="text"/>
<input type="checkbox"/>	Not addressed by jurisdiction's plans, policies, or practices
	Explain: <input type="text"/>

Gilbert : Eastern Canal Shared Use Path: Ray Road to Pecos Road

PART B-DETAILED PROJECT DESCRIPTION

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

Elimination of pedestrian and bicycle gaps within our system will provide higher utilization of the trail that will reduce bicycle traffic on arterials; and with the trail connectivity completed, potential for greater bicycle use that replaces automobile traffic. In addition, Gilbert anticipates more use of the trail for this segment because it will now be connected from north boundary of Gilbert to Pecos Road.

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?

Devices will be installed at two main arterial crossings of the trail system (Ray Road and Val Vista Drive). The anonymous re-identification devices (ARID) will be solar-powered and transmit wirelessly.

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.

There will be a project ceremony prior to construction. The public outreach will include public meetings, mailings, digital media and publication on Gilbert's website. All the public outreach will include information about the overall safety benefits of the project and connecting the trail system in the area.

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

Wayfinding signage will be added at strategic locations along trail system to direct trail users to points of interest, other local trail connections, and regional trail opportunities.

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>

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

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

Sponsoring Agency:	Town of Gilbert	Project Title:	Eastern Canal Shared Use Path: Ray Road to Pecos Road	Application Date:	25-Sep-17
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)	
A. Scoping (15% Preliminary Engineering Design)	1. SITE TOPOGRAPHIC SURVEY	LS	1	\$15,000	\$15,000.00	No	\$0.00	\$15,000.00		
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$10,000	\$10,000.00	No	\$0.00	\$10,000.00		
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)	LS	1	\$32,000	\$32,000.00	No	\$0.00	\$32,000.00		
	4. HAZMAT ASSESSMENT	LS	1	\$2,000	\$2,000.00	No	\$0.00	\$2,000.00		
	Subtotal Scoping (Part A)				\$59,000.00		\$0.00	\$59,000.00		
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$300,000	\$300,000.00	No	\$0.00	\$300,000.00		
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$10,000	\$10,000.00	No	\$0.00	\$10,000.00		
	3. DRAINAGE REPORT	LS	1	\$10,000	\$10,000.00	No	\$0.00	\$10,000.00		
	4. SWPPP	LS	1	\$5,000	\$5,000.00	No	\$0.00	\$5,000.00		
	Subtotal PE (Part B)				\$325,000.00		\$0.00	\$325,000.00		
Subtotal Preliminary Engineering (Part A + Part B)					\$384,000.00		\$0.00	\$384,000.00		
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition	LS	1	\$0.00	\$0.00	No	\$0.00	\$0.00		
Subtotal Right-of-Way Acquisition (Part C)					\$0.00		\$0.00	\$0.00		
D. Utility Relocation	1. Utility Relocation	LS	1	\$30,000	\$30,000.00	No	\$0.00	\$30,000.00		
Subtotal Utility Relocation (Part D)					\$30,000.00		\$0.00	\$30,000.00		
E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	1. Hardscape Construction	Installation Of SWPP Measures		LS	1	\$15,000	\$15,000.00	Yes	\$14,145.00	\$855.00
		Site Preparation		LS	1	\$10,000	\$10,000.00	Yes	\$9,430.00	\$570.00
		Demolition	Sawcut	LF	400	\$25.00	\$10,000.00	Yes	\$9,430.00	\$570.00
			Remove Structures and Obstructions	LS	1	\$5,000	\$5,000.00	Yes	\$4,715.00	\$285.00
			Remove Fencing	LF	0	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Remove Structural Concrete	CY	0		\$0.00	Yes	\$0.00	\$0.00
			Remove Asphaltic Concrete Pavement	CY	0		\$0.00	Yes	\$0.00	\$0.00
			Remove Concrete Sidewalks, Slabs	CY	38	\$10.00	\$380.00	Yes	\$358.34	\$21.66
		Hazmat Abatement		LS	0		\$0.00	Yes	\$0.00	\$0.00
		Retaining Wall - Reinforced Concrete Cantilevered		SF	0		\$0.00	Yes	\$0.00	\$0.00
		Earthwork	General Excavation	CY	500	\$10.00	\$5,000.00	Yes	\$4,715.00	\$285.00
			Drainage Excavation	CY	657	\$7.00	\$4,599.00	Yes	\$4,336.86	\$262.14
			Structural Excavation	CY	0		\$0.00	Yes	\$0.00	\$0.00
			Structural Backfill	CY	0		\$0.00	Yes	\$0.00	\$0.00
			Borrow (In Place)	CY	150	\$20.00	\$3,000.00	Yes	\$2,829.00	\$171.00
		Curb & Gutter		LF	400	\$4.00	\$1,600.00	Yes	\$1,508.80	\$91.20
		Aggregate Base		CY	1		\$0.00	Yes	\$0.00	\$0.00
		Pathway Or Sidewalk Materials	Concrete	SF	150,000	\$12.00	\$1,800,000	Yes	\$1,697,400	\$102,600.00
			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	Ton	1		\$0.00	Yes	\$0.00	\$0.00
			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		SF	480	\$12.00	\$5,760.00	Yes	\$5,431.68	\$328.32		
Culvert Extensions		LF	0		\$0.00	Yes	\$0.00	\$0.00		
Pedestrian Lighting Including Conduit And Trenching		Each	50	\$3,000	\$150,000.00	Yes	\$141,450.00	\$8,550.00		

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.

Sponsoring Agency:	Town of Gilbert	Project Title:	Eastern Canal Shared Use Path: Ray Road to Pecos Road	Application Date:	25-Sep-17
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
	Handrail	Standard	LF	0	\$0.00	Yes	\$0.00	\$0.00	
		Decorative	LF	0	\$0.00	Yes	\$0.00	\$0.00	
	Subtotal Hardscape Construction				\$2,010,339.00		\$1,895,749.68	\$114,589.32	

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

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

Sponsoring Agency:	Town of Gilbert	Project Title:	Eastern Canal Shared Use Path: Ray Road to Pecos Road	Application Date:	25-Sep-17
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)	
E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	2. Landscaping & Irrigation Items	Requirements	Each	2	\$25,000	\$50,000.00	Yes	\$47,150.00	\$2,850.00	
		Trees (15 Gallon Size)	Each	18	\$3,200.00	\$57,600.00	Yes	\$54,316.80	\$3,283.20	
		Trees (5 Gallon Size)	Each	0		\$0.00	Yes	\$0.00	\$0.00	
		Shrubs (5 Gallon Size)	Each	30	\$28.00	\$840.00	Yes	\$792.12	\$47.88	
		Shrubs (1 Gallon Size)	Each	70	\$7.40	\$518.00	Yes	\$488.47	\$29.53	
		Cactus (5 Gallon Size)	Each	0		\$0.00	Yes	\$0.00	\$0.00	
		Mulch	Decomposed Granite	CY	80,000	\$0.40	\$32,000	Yes	\$30,176	\$1,824
			Organic	CY	0		\$0	Yes	\$0	\$0
		Topsoil		CY	0		\$0	Yes	\$0	\$0
		Seeding		Acre	0		\$0	Yes	\$0	\$0
		Turf Sod		SY	0		\$0	Yes	\$0	\$0
		Boulders		Each	0		\$0	Yes	\$0	\$0
		Irrigation System	Drip	SF	7,000	\$2	\$12,950	Yes	\$12,212	\$738
			Turf	SF	0		\$0	Yes	\$0	\$0
		Sleeving For Irrigation System	Directional Bore	LF	0		\$0	Yes	\$0	\$0
	Cut and Patch		LF	900	\$2	\$2,160	Yes	\$2,037	\$123	
	Landscape Header Curb		LF	0		\$0	Yes	\$0	\$0	
	Landscape Establishment		LS	0		\$0	Yes	\$0	\$0	
	Subtotal Landscaping & Irrigation Items					\$156,068		\$147,172	\$8,896	
	3. Site Furnishings	Benches	Each	5	\$1,200	\$6,000	Yes	\$5,658	\$342	
		Seatwalls	LF	0		\$0	Yes	\$0	\$0	
		Bike Racks	Each	2	\$375	\$750	Yes	\$707	\$43	
		Trash Receptacles	Each	4	\$1,460	\$5,840	Yes	\$5,507	\$333	
		Drinking Fountains	Each	0		\$0	Yes	\$0	\$0	
		Signage (Standard Traffic Control)	Each	8	\$150	\$1,200	Yes	\$1,132	\$68	
		Signage (Wayfinding)	Each	8	\$150	\$1,200	Yes	\$1,132	\$68	
		Tree Grates	Each	0		\$0	Yes	\$0	\$0	
		Subtotal Site Furnishings					\$14,990		\$14,136	\$854
	4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)	Bicycle and Pedestrian Counter	Each	2	\$2,000	\$4,000	Yes	\$3,772	\$228	
		Shade Structures - including solar lights	Each	2	\$30,000	\$60,000	Yes	\$56,580	\$3,420	
			Each	0	\$0	\$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					\$64,000		\$60,352	\$3,648		
5. Mobilization And Administration Costs	Contractor Mobilization	LS	1	\$35,000	\$35,000	No	\$0	\$35,000		
	Traffic Control	LS	1	\$120,000	\$120,000	Yes	\$113,160	\$6,840		
	Construction Survey & Layout	LS	1	\$20,000	\$20,000	Yes	\$18,860	\$1,140		
	Construction Contingencies	LS	1	\$599,079	\$599,079	Yes	\$564,931	\$34,148		
	Construction Administration	LS	1	\$145,000	\$145,000	Yes	\$136,735	\$8,265		
	Subtotal Mobilization & Administration Costs					\$919,079		\$833,686	\$85,393	
Subtotal Construction Or Implementation Cost (Part E)					\$3,164,476		\$2,951,096	\$213,380		
F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)					\$3,578,476		\$2,951,096	\$627,380		
G. Adot Fee Review Fee - \$10,000 for Certified Accepted agencies, otherwise \$30,000					\$30,000	No	\$0	\$30,000		

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

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

Sponsoring Agency:	Town of Gilbert	Project Title:	Eastern Canal Shared Use Path: Ray Road to Pecos Road	Application Date:	25-Sep-17
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
H.	Total Project Cost Including ADOT Fees (Part F + Part G)				\$3,608,476		\$2,951,096	\$657,380	

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	\$384,000	
3. Right of way	\$0	
4. Utilities	\$30,000	
5. Construction	\$2,565,397	
6. Contingency	\$599,079	No more than 20% of Construction Cost
7. Total Cost	\$3,608,476	

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

9. Expected Annual Maintenance Cost \$ 15,000.00

10. Identify Source of Maintenance Funds Parks - General Fund

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)					Not Available	\$0	
12. Right of way (Optional)				\$0	Not Available	\$0	
13. Utilities (Optional)					Not Available	\$0	
14. Other (Optional)				\$0	Not Available	\$0	
15. Construction	2022	Construction of Shared-Use Path	General Fund	\$237,890	\$3,356,586	\$3,594,476	6.6%
16. Total Costs				\$237,890	\$3,356,586	\$3,594,476	6.6%

PART F - SIGNATURE AND CHECKLIST	
<h1>Checklist</h1>	
This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.	
COVER SHEET	Complete?
Cover Sheet is completely filled out	Yes
PART A - Contacts and Project Description Fields	Complete?
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6 - 8 are complete	Yes
PART B - Project Description	Complete?
Fields 1 - 14 (Project Description) are complete	Yes
Fields 15 - 17 (Transit) are complete	Yes
Fields 18 – 22 (Attractors and Demographics) are complete	Yes
Fields 23 – 30 (Traffic, Environmental, ROW, and Utilities) are complete	Yes
Fields 31 – 33 (Guidelines, Policies, and Plans) are complete	Yes
Fields 34 – 37 (Maintenance, Performance Measurement, and Wayfinding) are complete	Yes
PART C - Required Attachments	Complete?
Field 1 - Map showing the general location of the proposed project in relation to the region, including a north arrow provided in the printed application and the PDF application.	Yes
Field 2 - Map with streets labeled showing the detailed location(s) of the proposed project, including a north arrow provided in the printed application and the PDF application.	Yes
Field 3 - Up to four (4) photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).	Yes
Field 4 - Simple diagram of the current typical cross section of the segment, that shows the right of way limits, widths, sidewalks and shoulders (if any), and the lanes of travel in the printed application and the PDF application.	Yes
(OPTIONAL)- Up to two (2) photos/renderings of the completed project are provided in the printed application and the PDF application.	No
(OPTIONAL) - Up to three (3) letters of support for the project are provided in the printed application and the PDF application.	Yes
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	Yes
PART D - Cost Estimate Worksheet	Complete?
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
PART E - Total Project Schedule and Budget Including All Segment Fields	Complete?
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
PART F - Signature and Checklist	Complete?
Entire checklist is completed.	Yes
Form is signed by MAG member agency's manager/administrator or designated representative.	Yes
Name, title and date fields under the signature are completed.	Yes

SIGNATURE(S):

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

Signature:	
Name:	Kristin Myers
Title:	Transportation Planning Manager
Date:	9/24/2017

Instructions for the Submittal of GIS Data for Funding Applications

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

Submission Requirements

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

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

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

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

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

ADOT Review Fees for Certification Accepted Agencies/1

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

ADOT Review Fees for Non Certification Accepted Agencies/1

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

Notes:

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

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

TRANSPORTATION ALTERNATIVES PROGRAM

Eligible Activities

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

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

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

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

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

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

A. Infrastructure-related projects

http://www.fhwa.dot.gov/environment/safe_routes_to_school/guidance/#toc123542197

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

http://www.fhwa.dot.gov/environment/safe_routes_to_school/guidance/#toc123542199

Eligible Project Sponsors

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

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

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

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

MAG TA PROGRAM GOALS

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

DEFINITIONS:

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

MAG TA PROGRAM OBJECTIVES

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

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

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

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

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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

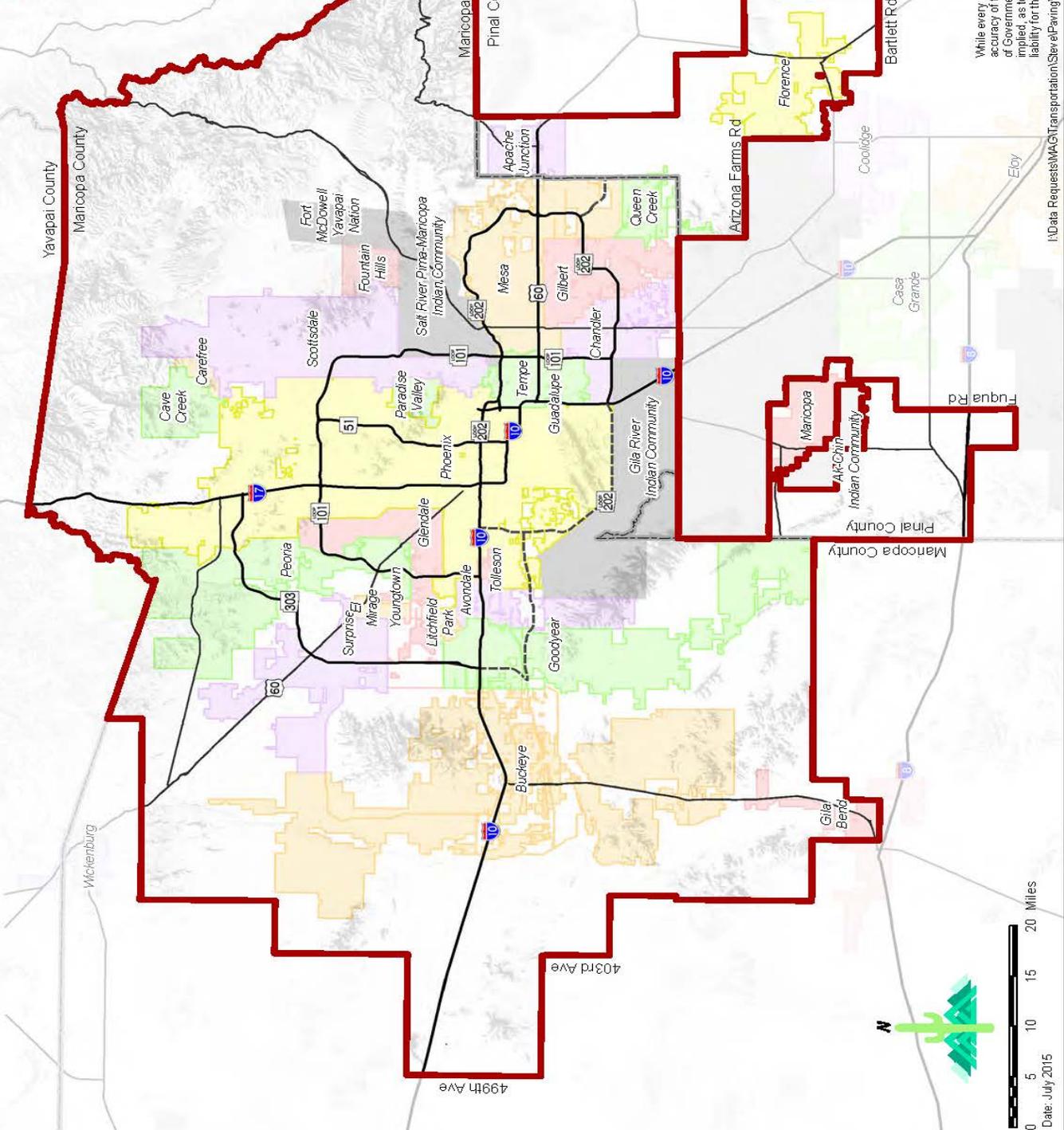
MAG has the following requirements:

- 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.



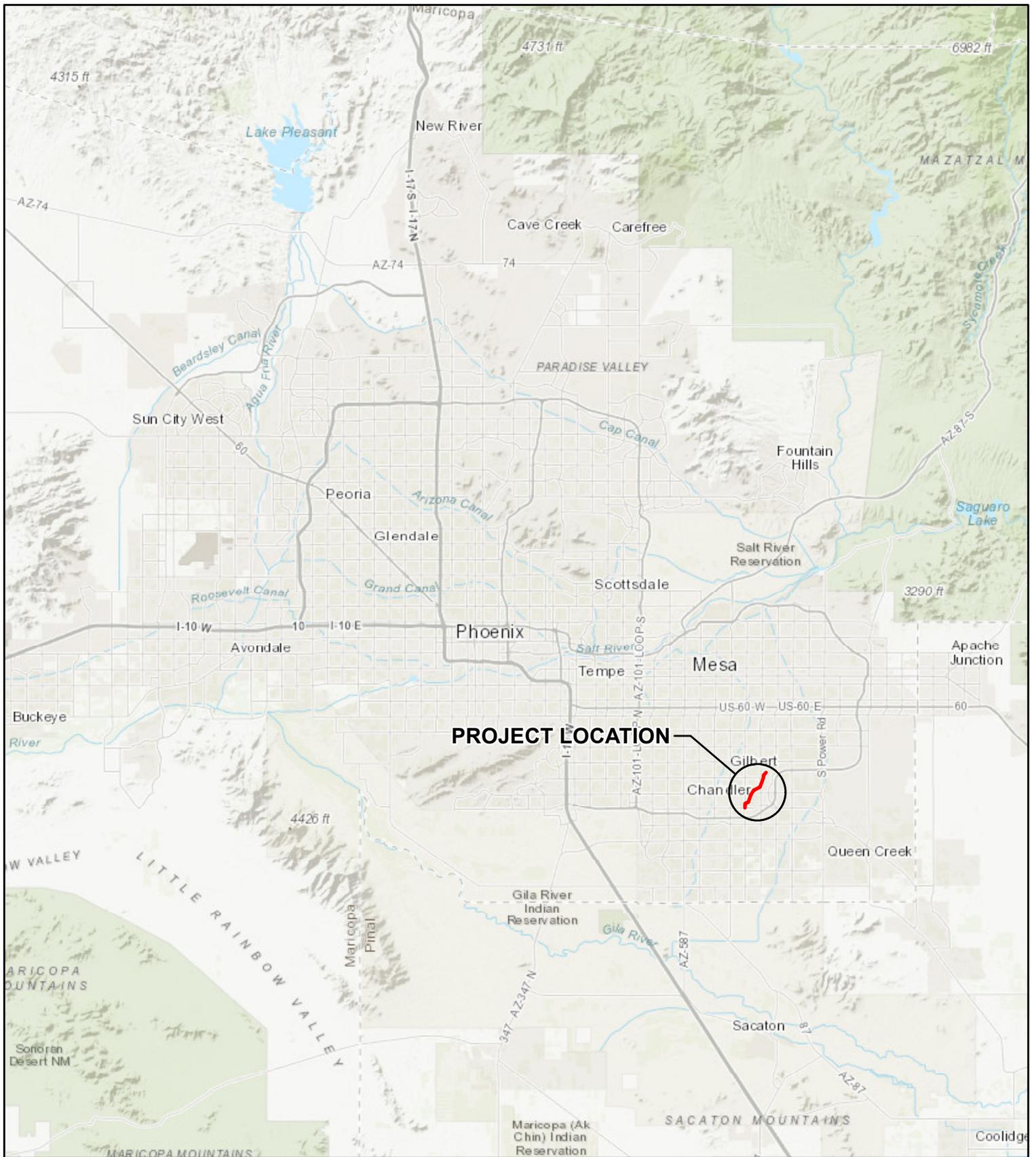
CMAQ Bicycle/Pedestrian and ITS Application Area

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

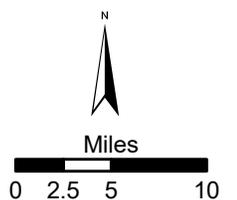
I:\Data Requests\MAG\Transportation\Server\aving\CMAQ_BikePed\ITA\Application-Area.mxd



Basemap Source: ESRI World Topographic Map

Transportation Alternatives / CMAQ Application for
 FY 2021 and FY 2022 Projects
 Eastern Canal Shared Use Path:
 Ray Road to Pecos Road
 Town of Gilbert

Attachment 1 - General Location Map

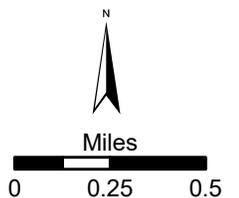




Basemap Source: ESRI World Topographic Map

Transportation Alternatives / CMAQ Application for
 FY 2021 and FY 2022 Projects
 Eastern Canal Shared Use Path:
 Ray Road to Pecos Road
 Town of Gilbert

- Proposed Shared Use Path
- Proposed HAWK Signal Locations



PART F - SIGNATURE AND CHECKLIST**Checklist**

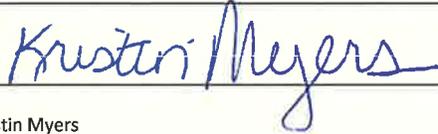
This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.

COVER SHEET	Complete?
Cover Sheet is completely filled out	Yes
PART A - Contacts and Project Description Fields	Complete?
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6 - 8 are complete	Yes
PART B - Project Description	Complete?
Fields 1 - 14 (Project Description) are complete	Yes
Fields 15 - 17 (Transit) are complete	Yes
Fields 18 – 22 (Attractors and Demographics) are complete	Yes
Fields 23 – 30 (Traffic, Environmental, ROW, and Utilities) are complete	Yes
Fields 31 – 33 (Guidelines, Policies, and Plans) are complete	Yes
Fields 34 – 37 (Maintenance, Performance Measurement, and Wayfinding) are complete	Yes
PART C - Required Attachments	Complete?
Field 1 - Map showing the general location of the proposed project in relation to the region, including a north arrow provided in the printed application and the PDF application.	Yes
Field 2 - Map with streets labeled showing the detailed location(s) of the proposed project, including a north arrow provided in the printed application and the PDF application.	Yes
Field 3 - Up to four (4) photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).	Yes
Field 4 - Simple diagram of the current typical cross section of the segment, that shows the right of way limits, widths, sidewalks and shoulders (if any), and the lanes of travel in the printed application and the PDF application.	Yes
(OPTIONAL)- Up to two (2) photos/renderings of the completed project are provided in the printed application and the PDF application.	No
(OPTIONAL) - Up to three (3) letters of support for the project are provided in the printed application and the PDF application.	Yes
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	Yes
PART D - Cost Estimate Worksheet	Complete?
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
PART E - Total Project Schedule and Budget Including All Segment Fields	Complete?
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
PART F - Signature and Checklist	Complete?
Entire checklist is completed.	Yes
Form is signed by MAG member agency's <u>manager/administrator</u> 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:	Kristin Myers
Title:	Transportation Planning Manager
Date:	9/24/2017