

# 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.**

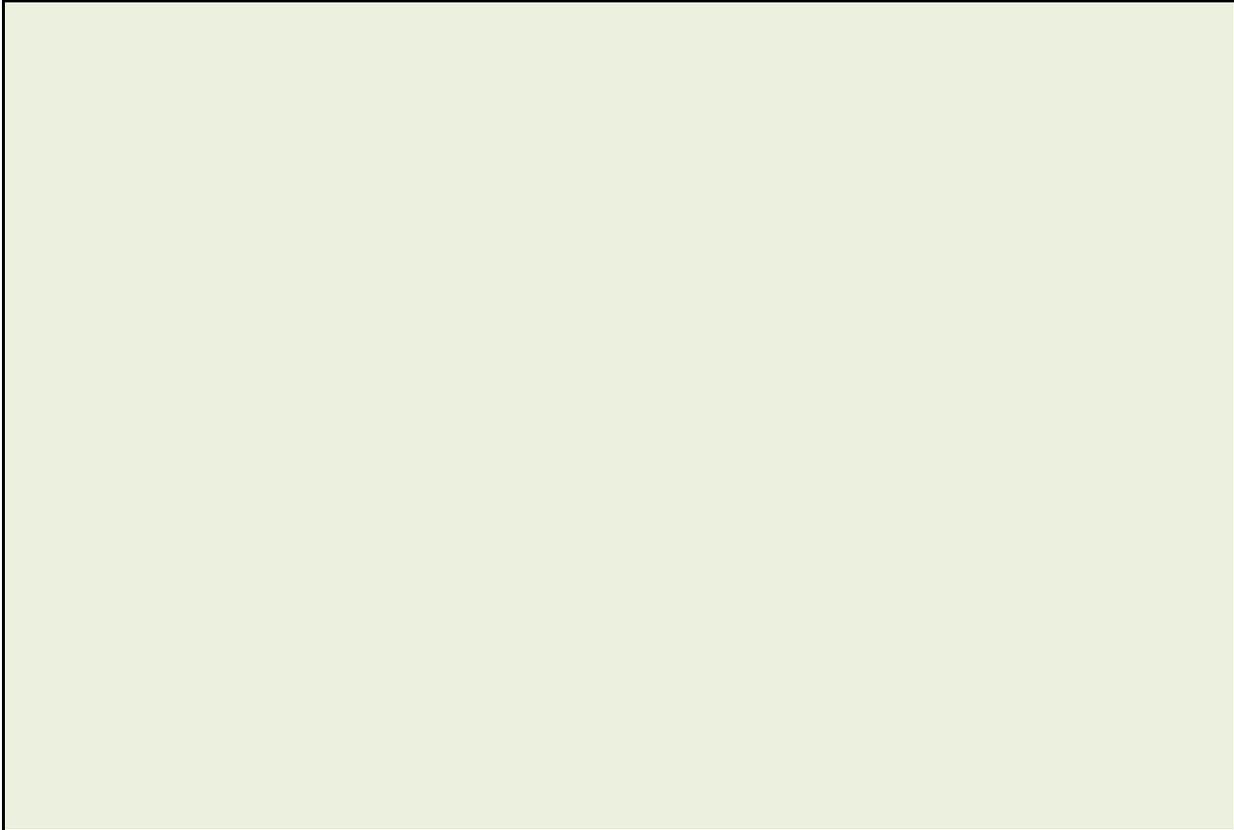
**Application Workshops and Open Working Group Meeting Schedule\***

<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>



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



**Pedestrian Bridge Watson Road and Durango Street**



**City of Buckeye**

**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)**

**Buckeye: Pedestrian Bridge Watson Road and Durango Street.**

<b>PART A - CONTACT AND PROJECT DESCRIPTION</b>	
<b>Contact Information</b>	
1. Name of Sponsoring Agency	Buckeye
2. Agency Contact Name	Paul Lopez
3. Phone Number of Agency Contact	623-349-6204
4. E-Mail Address of Agency Contact	plopez@buckeyeaz.gov
5. Mailing Address of Agency Contact	530 E. Monroe Ave. Buckeye, Az. 85326
<b>Project Description</b>	
6. Please provide the Project Title.	Pedestrian Bridge Watson Road and Durango Street.
7. Please provide a concise, specific description of the project (250 character limit):	
<p>This project will improve the access, safety, and congestion at the intersection of Watson Road and Durango Street by introducing a grade seperated pedestrian crossing from the NEC or the intersection to the SWC.</p>	
8. Please provide the project limits:	
<p>200 If North to a point 200 If West of the intersection of Watson Road and Durango Street.</p>	

Buckeye : Pedestrian Bridge Watson Road and Durango Street.

**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 checked="" 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 checked="" type="checkbox"/> Sidewalk (5' min.)                      | <input type="text" value="Grade Seperated Pedestrian Crossing (Bridge)"/>     |
| <input type="checkbox"/> Planning Study                                     |   |

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

- |  |                      |
|--|----------------------|
| <input checked="" type="checkbox"/> Bridge (overpass)      | Other:               |
| <input type="checkbox"/> Tunnel (underpass)                | <input type="text"/> |
| <input type="checkbox"/> Signalized midblock crossing/HAWK |                      |
| <input type="checkbox"/> Countdown Pedestrian Signal       |                      |

4. What amenities are included in this project?

- |   |  |
|---|--|
| <input type="checkbox"/> Number of Bike racks/lockers           | <input type="checkbox"/> 2 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"/> 2 Number of Way-finding Signs          | <input type="checkbox"/> 2 Number of bicycle/pedestrian counting devices |
| <input type="checkbox"/> 2 Number of Trash receptacles          | Other:   |
| <input type="checkbox"/> 10 Number of Trees                     | <input type="text"/>   |
| <input type="checkbox"/> Number of new openings in street walls |  |
| <input type="checkbox"/> 2 Number of Shade Structures           |  |

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

There are more than 300 K-8 students that cross the intersection from the east to west at least twice a day. The intersection is signalized with Watson Road being a 6 lane Principal Arterial and Durango Street being a 3 lane Minor Collector. There is an intense commercial district 1/4 of a mile north of Durango along both sides of Watson Road. 2014 counts demonstrate over 15,000 ADT on Watson Road at the Intersection of Durango Street. Significant congestion occurs at the intersection. There were a total of 4 crashes at the intersection between 2012 and 2016.

Buckeye : Pedestrian Bridge Watson Road and Durango Street.

**PART B-DETAILED PROJECT DESCRIPTION**

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

A Grade seperated pedestrian/bicycle Bridge with ADA accessible Ramps on each side will be constructed. The bridge and ramps will need to be fully enclosed, aesthetically pleasing, and meet minnimum clearances (14'-6") for trucks underneath. The traffic signal heads will be mounted on the bridge where reasonable since the bridge crosses the intersection diagonally, and signal poles and mast arms will be located as needed to supplement.

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

Improve overall safety and efficiency of the signalized intersection by safely relocating the pedestrian/bicycle modal crossing outside of the signalized phases.

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

Provide a Safe Route to School thurgh a grade seperated bike/pedestrian bridge.

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

- Yes
- No

Please Explain:

The City will work with Inca Elementary and nearby schools to educate the student body and parents about the Safe Route to School and pedestrian bridge improvements.

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

It provides ADA accessible grade seperated crossing for pedestrians across the intersection which removes the modal conflict at the intersection. It not only provides a safer crossing for the pedestrians & cyclicsts but reduces wait times for vehicular traffic by removing the pedestrian bicycle phases from the intersection.

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

It provides a safer crossing with no wait times.

Buckeye : Pedestrian Bridge Watson Road and Durango Street.

**PART B-DETAILED PROJECT DESCRIPTION**

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

Residents of neighborhoods in all 4 directions will benefit from a grade separated crossing. It will allow the intersection to function more efficiently for all modes of transportation. It more safely connects the residents to parks, retail, and points of destination such as schools.

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

The aesthetics of the bridge, the crossing of a principal arterial, and the nearby community parks and shopping will foster community pride and interaction in the nearby communities such as Watson Estates and Sundance.

14. Connectivity: (Check all that apply)

Project fills a gap in the system

Explain:

Project connects to other local bikeways

List of connected bikeways:

Durango Street, Watson Road, Yuma Road, Sundance Parkway, etc.

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

List of Participating Jurisdictions:

15 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.

1 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.

1 Within 1/2 mile

List routes and frequency:

Route 685 Ajo/Gila Bend-Phoenix it is an on demand route and averaging hour and a half outside of that.

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

0 Within 1/2 mile

List:

Buckeye : Pedestrian Bridge Watson Road and Durango Street.

**PART B-DETAILED PROJECT DESCRIPTION**

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

Within 1/2 mile

List:

Sundance & Watson Estates community parks. Sundance regional park is within 1.5 miles of the intersection and there is a current project to provide a MU path from the school to this 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):

Within 1/2 mile

List:

The shoppes at Buckeye Market Place and Sundance Marketplace

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

Within 1/2 mile

List:

Inca Elementary School

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

Within 1/2 mile

List:

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):

Within 1/4 miles

List:

1/4 miles to 1/2 miles

List:

Bank, health care facility, grocery store, and shopping areas

Buckeye : Pedestrian Bridge Watson Road and Durango Street.

**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

Buckeye : Pedestrian Bridge Watson Road and Durango Street.

**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

Buckeye : Pedestrian Bridge Watson Road and Durango Street.

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

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

None

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

<input type="checkbox"/>	AASHTO Guide for Bicycle Facilities	<input type="text" value="Other: MAG standard specifications and details for public works construction. COB Engineering Standards."/>
<input type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	
<input type="checkbox"/>	MAG Complete Streets Guide	
<input type="checkbox"/>	MAG Designing Transit Accessible Communities	
<input type="checkbox"/>	MAG Valley Path Brand & Wayfinding Signage Guidelines	
<input type="checkbox"/>	NACTO Urban Bikeway Design Guide	
<input type="checkbox"/>	RPTA Bus Stop Program and Standards	

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

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

34. The project is: (Check one)

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

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

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

Buckeye : Pedestrian Bridge Watson Road and Durango Street.

**PART B-DETAILED PROJECT DESCRIPTION**

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

Reduction in delays & congestion resulting in fewer complaints to the City. Bike Pedestrian counters will be placed out after the project is completed to verify increase in bike/pedestrian use.

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?

Staff intends to install pedestrian and bicycle counters after the project to measure how bike and pedestrian volumes. Data will be stored remotely on hard drive until Traffic Signal communications are established.

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 through the City's periodical, social media, school news letters, and any other avenues the City's PIO feel are appropriate.

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

Yes wayfinding signs will be posted indicated the direction to retail establishments to the north.

<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>	Buckeye	<b>Project Title:</b>	Ped Bridge Watson Rd. and Durango	<b>Application Date:</b>	9/27/2017
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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	20,000.00	\$20,000.00	No	\$0.00	\$20,000.00		
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	0		\$0.00	No	\$0.00	\$0.00		
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)	LS	1	8,000.00	\$8,000.00	No	\$0.00	\$8,000.00		
	4. HAZMAT ASSESSMENT	LS	0		\$0.00	No	\$0.00	\$0.00		
	<b>Subtotal Scoping (Part A)</b>						<b>\$28,000.00</b>	<b>\$0.00</b>	<b>\$28,000.00</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	\$130,000.00	\$130,000.00	No	\$0.00	\$130,000.00		
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$10,000.00	\$10,000.00	No	\$0.00	\$10,000.00		
	3. DRAINAGE REPORT	LS	1	\$5,000.00	\$5,000.00	No	\$0.00	\$5,000.00		
	4. SWPPP	LS	1	\$5,000.00	\$5,000.00	No	\$0.00	\$5,000.00		
	<b>Subtotal PE (Part B)</b>						<b>\$0.00</b>	<b>\$150,000.00</b>		
	<b>Subtotal Preliminary Engineering (Part A + Part B)</b>						<b>\$0.00</b>	<b>\$178,000.00</b>		
<b>C. Right-of-Way Acquisition</b>	1. Right-of-Way Acquisition	LS	1	\$80,000.00	\$80,000.00	No	\$0.00	\$80,000.00		
	<b>Subtotal Right-of-Way Acquisition (Part C)</b>						<b>\$0.00</b>	<b>\$80,000.00</b>		
<b>D. Utility Relocation</b>	1. Utility Relocation	LS	0		\$0.00	No	\$0.00	\$0.00		
	<b>Subtotal Utility Relocation (Part D)</b>						<b>\$0.00</b>	<b>\$0.00</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	\$8,000.00	\$8,000.00	Yes	\$7,544.00	\$456.00
		Site Preparation		LS	0		\$0.00	Yes	\$0.00	\$0.00
		Demolition	Sawcut	LF	100	\$3.50	\$350.00	Yes	\$330.05	\$19.95
			Remove Structures and Obstructions	LS	1	\$15,000.00	\$15,000.00	Yes	\$14,145.00	\$855.00
			Remove Fencing	LF	0		\$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	60	\$9.00	\$540.00	Yes	\$509.22	\$30.78
		Hazmat Abatement		LS	0		\$0.00	Yes	\$0.00	\$0.00
		Retaining Wall - Reinforced Concrete Cantilevered		SF	800	\$15.00	\$12,000.00	Yes	\$11,316.00	\$684.00
		Earthwork	General Excavation	CY	30	\$7.00	\$210.00	Yes	\$198.03	\$11.97
			Drainage Excavation	CY	30	\$8.00	\$240.00	Yes	\$226.32	\$13.68
			Structural Excavation	CY	60	\$10.00	\$600.00	Yes	\$565.80	\$34.20
			Structural Backfill	CY	60	\$20.00	\$1,200.00	Yes	\$1,131.60	\$68.40
			Borrow (In Place)	CY	0		\$0.00	Yes	\$0.00	\$0.00
		Curb & Gutter		LF	0		\$0.00	Yes	\$0.00	\$0.00
		Aggregate Base		CY	0		\$0.00	Yes	\$0.00	\$0.00
		Pathway Or Sidewalk Materials	Concrete	SF	5,000	\$6.00	\$30,000.00	Yes	\$28,290.00	\$1,710.00
			Colored Concrete	SF	0		\$0.00	Yes	\$0.00	\$0.00
			Stamped Color Concrete	SF	0		\$0.00	Yes	\$0.00	\$0.00
			Precast Concrete Pavers	SF	0		\$0.00	Yes	\$0.00	\$0.00
			Asphaltic Concrete	Ton	0		\$0.00	Yes	\$0.00	\$0.00
			Polymer or Resin Stabilized Surface	SF	0		\$0.00	Yes	\$0.00	\$0.00
Crosswalk Enhancement	Concrete Pavers	SF	0		\$0.00	Yes	\$0.00	\$0.00		
	Stamped Asphalt	SF	0		\$0.00	Yes	\$0.00	\$0.00		
	Stamped Concrete	SF	0		\$0.00	Yes	\$0.00	\$0.00		
	Concrete	SF	0		\$0.00	Yes	\$0.00	\$0.00		
Integral Color Concrete		SF	0		\$0.00	Yes	\$0.00	\$0.00		
Pedestrian ADA Ramp		SF	1,200	\$8.00	\$9,600.00	Yes	\$9,052.80	\$547.20		
Culvert Extensions		LF	0		\$0.00	Yes	\$0.00	\$0.00		
Pedestrian Lighting Including Conduit And Trenching		Each	30	\$1,500.00	\$45,000.00	Yes	\$42,435.00	\$2,565.00		

Buckeye: Pedestrian Bridge Watson Road and Durango Street.

**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>	Buckeye	<b>Project Title:</b>	Ped Bridge Watson Rd. and Durango	<b>Application Date:</b>	9/27/2017
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
	Handrail	Standard	LF	0	\$0.00	Yes	\$0.00	\$0.00	
		Decorative	LF	400	\$15.00	\$6,000.00	Yes	\$5,658.00	\$342.00
	Subtotal Hardscape Construction				\$128,740.00		\$121,401.82	\$7,338.18	

Buckeye: Pedestrian Bridge Watson Road and Durango Street.

**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>	Buckeye	<b>Project Title:</b>	Ped Bridge Watson Rd. and Durango	<b>Application Date:</b>	9/27/2017
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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	0		\$0.00	Yes	\$0.00	\$0.00		
		Trees (15 Gallon Size)	Each	10	\$120.00	\$1,200.00	Yes	\$1,131.60	\$68.40		
		Trees (5 Gallon Size)	Each	0		\$0.00	Yes	\$0.00	\$0.00		
		Shrubs (5 Gallon Size)	Each	30	\$20.00	\$600.00	Yes	\$565.80	\$34.20		
		Shrubs (1 Gallon Size)	Each	0		\$0.00	Yes	\$0.00	\$0.00		
		Cactus (5 Gallon Size)	Each	10	\$30.00	\$300.00	Yes	\$282.90	\$17.10		
		Mulch	Decomposed Granite	CY	56	\$80.00	\$4,444	Yes	\$4,191	\$253	
			Organic	CY	10	\$20.00	\$200	Yes	\$189	\$11	
		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	10,000	\$2.00	\$20,000	Yes	\$18,860	\$1,140	
			Turf	SF	0		\$0	Yes	\$0	\$0	
		Sleeving For Irrigation System	Directional Bore	LF	600	\$100.00	\$60,000	Yes	\$56,580	\$3,420	
			Cut and Patch	LF	15	\$100.00	\$1,500	Yes	\$1,415	\$86	
		Landscape Header Curb	LF	100	\$10.00	\$1,000	Yes	\$943	\$57		
		Landscape Establishment	LS	1	\$10,000.00	\$10,000	Yes	\$9,430	\$570		
	Subtotal Landscaping & Irrigation Items						\$99,244	\$93,588	\$5,657		
	3. Site Furnishings	Benches	Each	2	\$1,500.00	\$3,000	Yes	\$2,829	\$171		
Seatwalls		LF	0		\$0	Yes	\$0	\$0			
Bike Racks		Each	0		\$0	Yes	\$0	\$0			
Trash Receptacles		Each	2	\$800.00	\$1,600	Yes	\$1,509	\$91			
Drinking Fountains		Each	0		\$0	Yes	\$0	\$0			
Signage (Standard Traffic Control)		Each	0		\$0	Yes	\$0	\$0			
Signage (Wayfinding)		Each	2	\$500.00	\$1,000	Yes	\$943	\$57			
Tree Grates		Each	0		\$0	Yes	\$0	\$0			
Subtotal Site Furnishings						\$5,600	\$5,281	\$319			
4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)	Bicycle and Pedestrian Counter	Each	2	\$1,500.00	\$3,000	Yes	\$2,829	\$171			
	Pedestrian Bridge		LS	1	\$1,560,000.00	\$1,560,000	Yes	\$1,471,080	\$88,920		
				0		\$0	Yes	\$0	\$0		
				0		\$0	Yes	\$0	\$0		
				0		\$0	Yes	\$0	\$0		
				0		\$0	Yes	\$0	\$0		
				0		\$0	Yes	\$0	\$0		
				0		\$0	Yes	\$0	\$0		
				0		\$0	Yes	\$0	\$0		
	Subtotal Other Construction						\$1,563,000	\$1,473,909	\$89,091		
5. Mobilization And Administration Costs	Contractor Mobilization	LS	1	40,000.00	\$40,000	No	\$0	\$40,000			
	Traffic Control	LS	1	35,000.00	\$35,000	Yes	\$33,005	\$1,995			
	Construction Survey & Layout	LS	1	20,000.00	\$20,000	Yes	\$18,860	\$1,140			
	Construction Contingencies	LS	1	350,000.00	\$350,000	Yes	\$330,050	\$19,950			
	Construction Administration	LS	1	50,000.00	\$50,000	Yes	\$47,150	\$2,850			
	Subtotal Mobilization & Administration Costs						\$495,000	\$429,065	\$65,935		
<b>Subtotal Construction Or Implementation Cost (Part E)</b>						<b>\$2,291,584</b>	<b>\$2,123,244</b>	<b>\$168,340</b>			
<b>F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)</b>						<b>\$2,549,584</b>	<b>\$2,123,244</b>	<b>\$426,340</b>			
<b>G. Adot Fee Review Fee - \$10,000 for Certified Accepted agencies, otherwise \$30,000</b>						<b>\$30,000</b>	No	\$0	\$30,000		

Buckeye: Pedestrian Bridge Watson Road and Durango Street.

**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>		Buckeye	<b>Project Title:</b>		Ped Bridge Watson Rd. and Durango	<b>Application Date:</b>		9/27/2017					
Part	Item Description					Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
<b>H. Total Project Cost Including ADOT Fees (Part F + Part G)</b>								\$2,579,584		\$2,123,244	\$456,340		

Buckeye: Pedestrian Bridge Watson Road and Durango Street.

**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	\$178,000	
3. Right of way	\$80,000	
4. Utilities	\$0	
5. Construction	\$1,941,584	
6. Contingency	\$350,000	No more than 20% of Construction Cost
7. Total Cost	\$2,229,584	

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

9. Expected Annual Maintenance Cost

10. Identify Source of Maintenance Funds

Requested MAG Programming	Year	Short Work Description (E.g. Construct Multiuse Path)	Local Funding Source	Local Cost	Federal Cost	Total Cost	Local Share
11. Design (Optional)	2019	Design of Pedestrian Bridge	General Fund	\$150,000	Not Available	\$150,000	100.0%
12. Right of way (Optional)	2020			\$0	Not Available	\$0	
13. Utilities (Optional)				\$0	Not Available	\$0	
14. Other (Optional)				\$0	Not Available	\$0	
15. Construction	2021			\$306,340	\$2,123,244	\$2,429,584	12.6%
16. Total Costs				\$456,340	\$2,123,244	\$2,579,584	17.7%

<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.	No
(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:	
Title:	
Date:	

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

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

### Submission Requirements

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

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

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

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

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

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

ADOT SECTION	FUNCTION	RATE	HOURS	CHARGE/2
Environmental Planning	Environmental Planning	\$ 50	100	\$ 5,000
Urban Project Management	Project Manager	\$ 60	60	\$ 3,600
Urban Project Management	Project Coordinator	\$ 60	20	\$ 1,200
<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		
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							

<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**

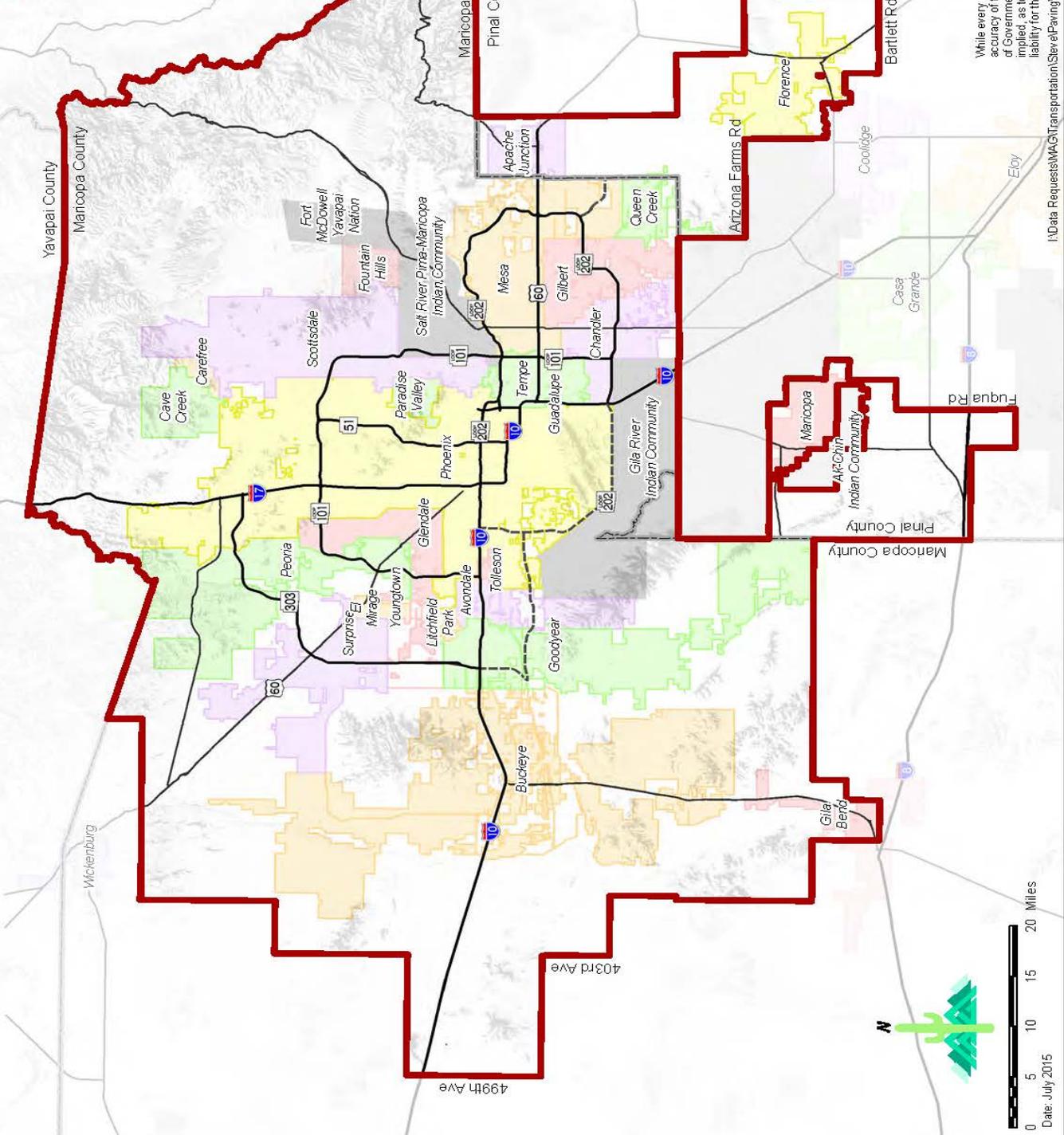
MAG has the following requirements:

- 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.



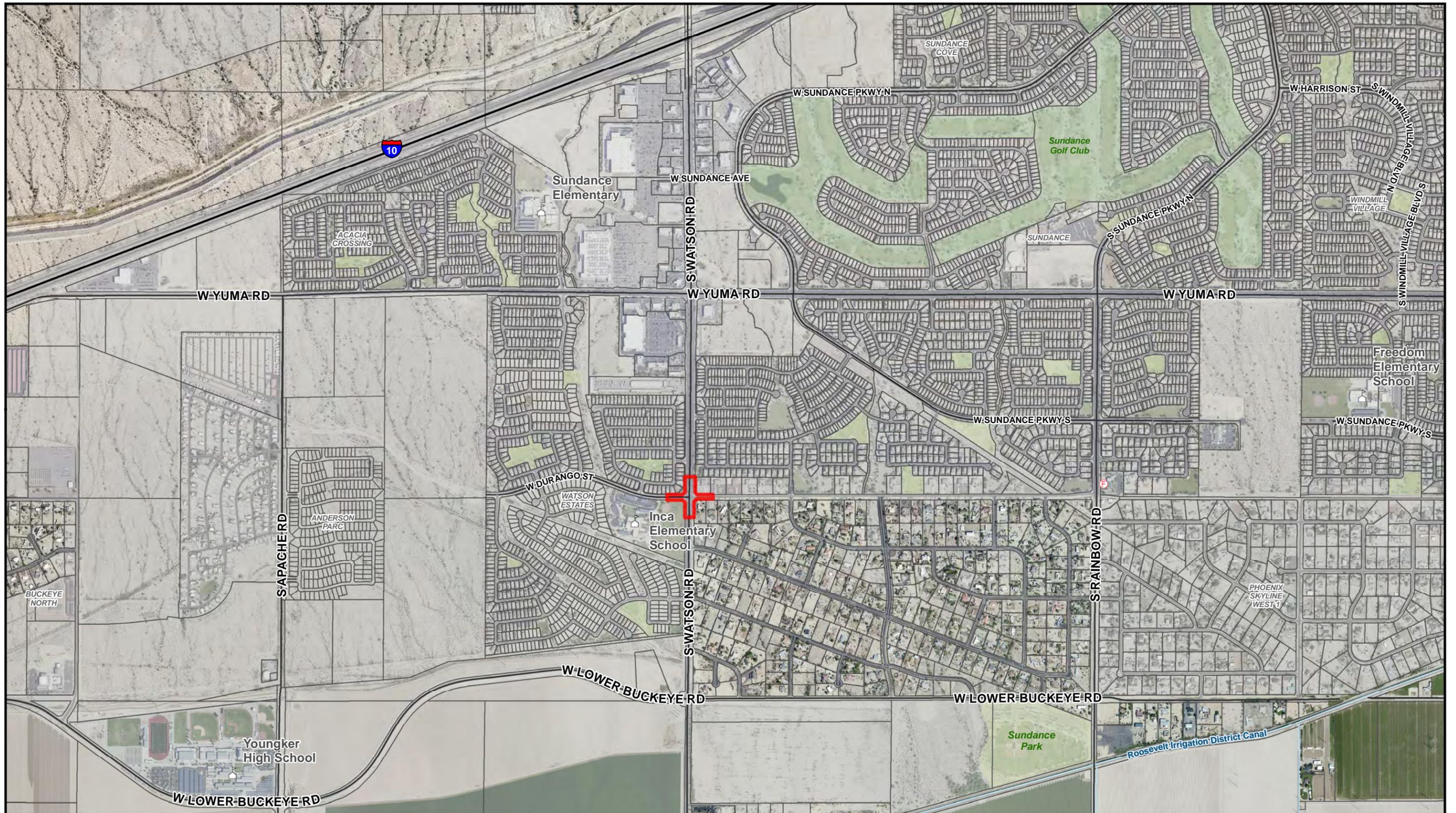
# CMAQ Bicycle/Pedestrian and ITS Application Area

- 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\ApplicationArea.mxd

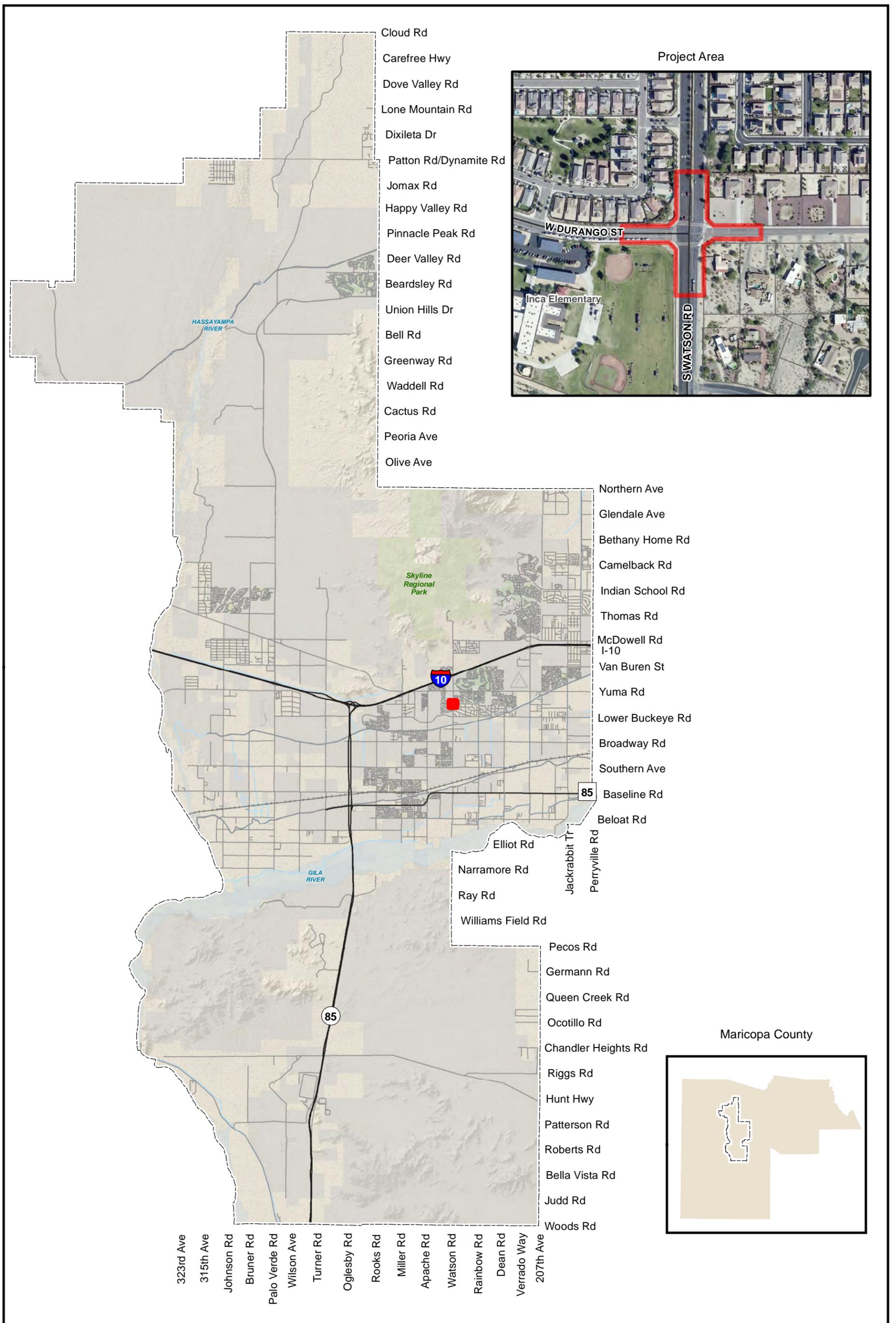


Pedestrian Bridge at the Intersection of Watson Rd and Durango St

**BUCKEYE, AZ**  
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- Project Area
- Parks
- School
- Buckeye Annexations



**BUCKEYE, AZ**  
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### Yuma Road and Verrado Way Intersection Improvements Regional Overview



- Pedestrian Bridge at Watson Rd and Durango St Project Area
- Buckeye Annexations
- Buckeye Planning Area

Document Name: PedestrianBridgeWatsonRdDurangoSt\_RegionOverview11x17  
 Date: 9/26/2017



Students crossing Watson Road at the Southern approach to intersection with Durango Street



NB Traffic Backed up at the Intersection of Durango Street and Watson Road



NEC of the Intersection of Watson Road and Durango Street Looking West



Students Crossing Durango Street at Eastern Approach of intersestion with Watson Road from the NEC

Buckeye: Pedestrian Bridge Watson Road and Durango Street.

## PART F - SIGNATURE AND CHECKLIST

## Checklist

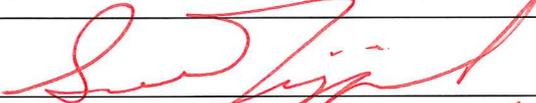
This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.

<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.	No
(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:	Scott Zipprich
Title:	City Engineer
Date:	09/27/2017