

September 18, 2012

Teri Kennedy, TIP Manager
MAG
302 N 1st Avenue, Suite 300
Phoenix AZ 85003

Re: Agua Fria Shared-Use Connector Project

Dear Ms. Kennedy,

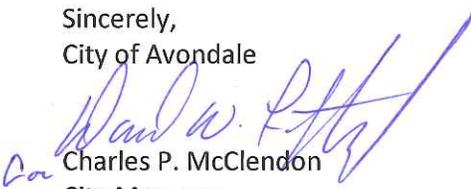
Thank you for the opportunity to submit a project under the Bicycle, Pedestrian and Shared-Use Program with the Maricopa Association of Governments (MAG). Avondale has applied for Transportation Enhancement funding through the Arizona Department of Transportation (ADOT) for this project. This project is also being submitted for consideration under MAG's CMAQ program.

Avondale is requesting funding to construct an asphalt path along the east bank of the Agua Fria River and I-10 underpass connecting a future path to Friendship Park south of McDowell Road.

The Agua Fria Shared-Use Path creates an alternative transportation mode of walking or biking between McDowell Road and Van Buren Streets. The path connects residential communities to Friendship Park and employment and commercial sites and will reduce foot traffic near freeway traffic interchanges. Avondale commits to coordinating implementation with ADOT regarding right-of-way, and estimated local costs of \$243,429 toward project design and construction.

We hope that you find this application worthy of funding. If you have questions or require further clarification, please contact Janice Simpson at 623-333-1025 or jsimpson@avondale.org. We look forward to hearing from you.

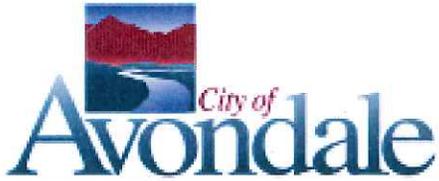
Sincerely,
City of Avondale


Charles P. McClendon
City Manager

cc: Chaun Hill, ADOT; Jodi Rooney, ADOT

Administration

11465 W. Civic Center Drive • Avondale, AZ 85323
Phone: (623) 333-1000 • Fax: (623) 333-0100 • TDD: (623) 333-0010
www.avondale.org



September 19, 2012

Teri Kennedy, TIP Manager
MAG
302 N 1st Avenue, Suite 300
Phoenix AZ 85003

Re: Agua Fria Shared-Use Connector Project

Dear Ms. Kennedy,

Thank you for the opportunity to submit a project under the Bicycle, Pedestrian and Shared-Use Program with the Maricopa Association of Governments (MAG). The City of Avondale is requesting funding for an Agua Fria Shared-Use Path Connector.

The project will construct an asphalt path along the east bank of the Agua Fria River and I-10 underpass connecting a future path to Friendship Park south of McDowell Road. The shared-use path creates alternative transportation modes between McDowell Road and Van Buren Streets, connecting residential communities to Friendship Park and employment and commercial sites .

We hope that you find this application worthy of funding. If you have questions or require further clarification, please contact Janice Simpson at 623-333-1025 or jsimpson@avondale.org. We look forward to hearing from you.

Sincerely,
City of Avondale

Janice Simpson
Grants Administrator

PEDESTRIAN, BICYCLE and SHARED-USE FACILITY PROJECT APPLICATION

General Instructions:

This Excel form is to be used to request federal Congestion Mitigation and Air Quality (CMAQ) funding available through the Maricopa Association of Governments (MAG) for Bicycle Projects to be included in the FY2014-FY 2018 MAG Transportation Improvement Program. Funding is available for Federal Fiscal Year (FFY) 2015, 2016 and 2017.

This application form includes:

- Part A - Contact and Project Description,
- Part B - Segment Description and Proposed Improvements,
- Part C - Total Project Budget and Schedule,
- Part D - Checklist and Signature Page, and Transmittal Instructions and Schedule.

Each part is a separate tab of this excel file. Please complete Parts A - D. Alternative application forms are available upon request.

Deadlines and Transmittal Instructions:

Two copies of a printed, complete and signed application must be received in the MAG offices by **10:00 a.m. Wednesday, September 19, 2012**. The application is to be submitted electronically and should include ArcGIS shape files depicting the project location if they are available.

Detailed transmittal instructions are located in a separate tab in this excel sheet. Late applications **will not be accepted.**

If member agencies need additional information or have questions, they should contact Teri Kennedy or Stephen Tate at (602) 254-6300 or contact them by e-mail at the following addresses:

- <mailto:state@azmag.gov>
- <mailto:tkennedy@azmag.gov>
- <mailto:MDeCindis@azmag.gov>

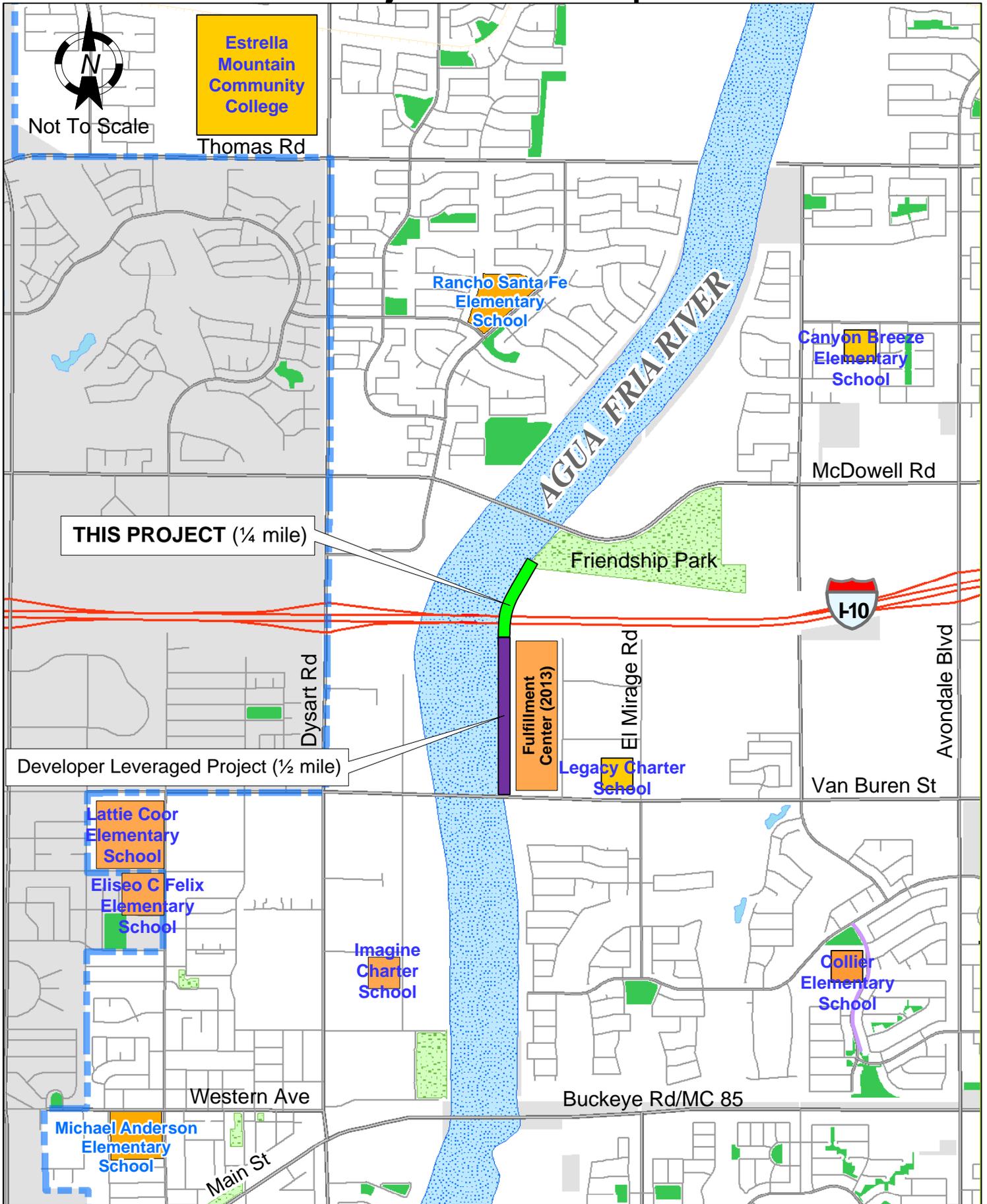
All information is required, unless noted by the word - Optional.

PART A - CONTACT AND PROJECT DESCRIPTION

Contact Information	
1. Sponsoring Agency	Avondale
2. Contact Name	Margaret Boone, PE
3. Phone	623-333-4217
4. E-Mail Address	mboone@avondale.org
5. Mailing Address	11465 W. Civic Center Drive, Suite 120 Avondale, AZ 85323

Project Description	Agua Fria Shared-Use Path Connector
6. Please provide the Project Title.	
7. Please provide a general description of the project (Please no more than 200 characters)	
Construct an asphalt path and I-10 underpass along the Agua Fria River east bank connecting a privately developed path, which combined will connect Van Buren Street to Friendship Park at McDowell Rd.	
8. Please attach a map with streets labeled showing the location(s) of the bicycle/shared-use facility.	Please attach map with transmittal

Project Location Map



**Avondale: Agua Fria Shared-Use Path Connector
FY2016 CMAQ Bike & Pedestrian Application**

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS

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.

CMAQ Funding Eligibility

All Pedestrian, Bicycle and Shared-Use projects to be funded with federal CMAQ funds must be located in the 8-Hour Ozone Nonattainment Area. Please use the following link to verify that the project is in the nonattainment area.

[Links to 8-Hr Ozone Nonattainment Area Map](#)

Section 1 - Project Description

1. What is the type of bicycle project? (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)		Link MAG Webpage for Map of PM-10 Monitor Locations
<input checked="" type="checkbox"/>	Shared-use path (10' min.)	<input type="checkbox"/>	Signalized crossing
<input type="checkbox"/>	Bridge (overpass)	<input type="checkbox"/>	Signalized midblock crossing/HAWK
<input checked="" type="checkbox"/>	Tunnel (underpass)	<input type="checkbox"/>	Mid-block crossing w/ pedestrian refuge
<input type="checkbox"/>	Paved shoulders (5' min.).	Other	<input type="text"/>

1a. What is the type of pedestrian project? (Check all that apply)

<input type="checkbox"/>	Sidewalk (5' min.)	<input type="checkbox"/>	Signalized crossing
<input checked="" type="checkbox"/>	Wide sidewalk (8' min.)	<input type="checkbox"/>	Signalized midblock crossing/HAWK
<input type="checkbox"/>	Detached sidewalk (4' min. buffer)	<input type="checkbox"/>	Mid-block crossing w/ pedestrian refuge
<input type="checkbox"/>	Bridge (overpass)	Other	<input type="text"/>
<input checked="" type="checkbox"/>	Tunnel (underpass)		

2. Please describe the facility on which the improvement will be located.

For a linear feature please enter the Facility Name, Starting Limit and Ending Limit. For a point feature (e.g. an intersection or crossing) please enter a Facility Name and a Crossing Feature.

Within the City of Avondale along the east bank of the Agua Fria River, from approximately 300 feet south of I-10 to approximately 900 feet north of the I-10 connecting to the existing Friendship Park path at McDowell Road.

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)

Through Lanes

The application submission will include ArcGIS shapefiles.

3. Please provide a map, aerial map, graphics and photos that clearly show the segment alignment and features that connect to other bicycle facilities and that cross into or about the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS

4. Please provide a simple diagram of the current typical cross section, including widths, of the segment that shows the right of way limits, sidewalks and shoulders (if any), and the lanes of travel.

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS

5. Please provide an estimated traffic volume (ADT) below.

ADT Estimate

Date Counted

Name of road the traffic count was taken from

Description of Methodology used for the ADT Estimate

6. 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.

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

7. 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

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

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

- No Utility in or abutting the alignment
- Canals & Drainage
- Power Lines & Cables

- Pipelines, Sewer and Water
- Private Structures
- Other

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS

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

No utility conflicts are anticipated.

Section 2 - Proposed Improvements

11. Please describe the work to be performed on the project:

Construction of a 4-inch asphalt concrete pavement over 4-inches of aggregate base course path on top of the levee, a pedestrian underpass at I-10 with a corrugated circular lining for earth stabilization and freeway structural support per ADOT, providing an ADA-compliant alignment ascending the levee at a location to be determined to minimize impacts to the levee on the north side of I-10 to connect to the existing concrete path at Friendship Park. The means of mitigating scour caused by rapid flows and subsequent safety issues crossing the drainage channel will be determined during design in more detail.

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

- AASHTO Guide for Bicycle Facilities
- MAG Pedestrian Policies and Design Guidelines
- MAG Complete Streets Guide

Other

13. Why is this project an enhancement to the local and/or regional transportation system? Is this a one-time opportunity?

This project promotes alternative transportation modes completing the walking/biking path between two major arterials (McDowell Road and Van Buren Street). The project is within 5 miles of 57 commercial and industrial sites. The project has the potential to increase walking/biking activities in the southwest region of Maricopa County. This is an important link between north and south Avondale which will provide an alternative for pedestrians and bicyclists without having to maneuver the freeway traffic interchanges at Avondale Boulevard or Dysart Road, located a half mile on either side of the proposed path location. The proposed pathway will be part of the 42-mile Agua Fria Corridor linking Phoenix, Peoria, Glendale, and Avondale. The Fulfillment Center, currently under construction, will be located along the corridor. It will provide more than 500 minimum wage jobs to residents within walking distance. Pedestrian Design Guidelines adopted by MAG in 2005 state that people are more likely to walk/bike when their destination is within a 1/2-5 mile radius. The project targets the working poor and provides alternative modes of transportation for approximately 3,000 low-income individuals. In addition, bus service connections exist on McDowell Road and Van Buren Street with hourly services between 5 am and 11 pm, seven days per week, making this an ideal project for funding. The path will be ADA compliant and have LED underpass lighting to increase pedestrian safety. Educational kiosks will be strategically placed to help pedestrians determine destination points. This project has partnership opportunities that leverage funding and save time. The City of Avondale, ADOT, FCDMC, and a private developer have provided letters indicating their financial, technical, and logistical support.

14. Please describe the current surface condition of the proposed project

Top of levee bank, gravel, native ground and vegetation through conveyance channel.

15a. Safety improvements to be included for bike facilities: (Check all that apply)

- Wide bike lanes (6'-7')
- Grade-separated crossing (overpass or underpass)
- Signalized crossing

Buffer Zone, Width

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS

Path lighting

Other
Safety Railing

15b. Safety improvements to be included for pedestrian facilities: (Check all that apply)

- Wide sidewalk (8' min.)
- Grade-separated crossing (overpass or underpass)
- Signalized crossing
- Path lighting
- Shade

Buffer Zone, Width

Other

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS

16a. Number of convenience improvements to be included for bike facilities:

<input type="text" value="0"/>	Number of Drinking Fountains
<input type="text" value="3"/>	Number of Way-finding Signs
<input type="text" value="1"/>	Number of Bike racks/lockers
<input type="text" value="3"/>	Number of Trash receptacles
<input type="text" value="2"/>	Number of Seating/Rest(s)

Number of Trees/shade structures

Other

Educational Kiosks

16b. Number of convenience improvements to be included for pedestrian facilities:

<input type="text" value="0"/>	Number of Drinking Fountains
<input type="text" value="3"/>	Number of Way-finding Signs
<input type="text" value="1"/>	Number of Trash receptacles
<input type="text" value="2"/>	Number of Seating/Rest(s)

Number of Trees/shade structures

Other

Educational Kiosks

17. How does this project improve upon an existing safety issue?

By completing the walking/biking path between two major arterials, in close proximity to commercial and industrial areas, this project promotes alternative transportation and connects to bus service locations. With the path situated through the underpass, it allows a safe alternative to crossing the interstate at the interchanges, reducing risk for pedestrians and bicyclists, as well as reducing foot traffic and distractions for drivers.

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

The path provides safe, increased access for persons with disabilities to commercial and industrial areas, as well as a major recreational area. The path will be ADA compliant, have LED underpass lighting, and educational kiosks to help determine destination points.

19. Connectivity: (Check all that apply)

- Project fills a gap in the system
- Project connects to other local facilities

- Project is on a regional facility

Regional Facility Name

Agua Fria Regional Trail System

- Multi Jurisdictional Project

List of Participating Jurisdictions

Avondale, ADOT, FCDMC

- Number of transit routes and Park & rides served.

List: route number(s)/park & ride(s) served.

Avondale Zoom, 17A, 3

20. Total length of facility connected by this project (in miles)

Miles of facilities connected

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS

21. Number of activity centers (parks, libraries, senior centers, recreational centers, etc.) this project will benefit:

- Within 1/4 mile
List:
- 1/4 mile to 1/2 mile
List:
- 1/2 mile to 1 mile
List:

22. Number of commercial destinations (malls, retail centers, business parks, etc.) and transit services (bus/rail routes, stops, and stations) this project will benefit:

- Within 1/4 mile
List:
- 1/4 mile to 1/2 mile
List:
- 1/2 mile to 1 mile
List:

23. Number of schools (public elementary, middle, and high schools, colleges, and universities) this project will benefit:

- Within 1/4 mile
List:
- 1/4 mile to 1/2 mile
List:
- 1/2 mile to 1 mile
List:

24. What are the demographics of the area served:

- Housing Density (Number of dwelling units per acre) within 1/2 mile
- The project is in a block group where the average household income is less than \$26,000/year (Use blockgroup data from the Census 2010)
- The project is in an area that serves adults over the age of 60 years (Use blockgroup data from the Census 2010)

PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS

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

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

26. The project is: (Check one)

- Identified in General Plan, council adopted policy, or Capital Improvements Program
List:
- Consistent with general policy/practices, but not formally identified
Explain
- Not addressed by jurisdiction's plans, policies, or practices

27. Describe how this project will be publicized to the general public.

28. How will you determine customer satisfaction/evaluation?

PART C - TOTAL PROJECT SCHEDULE AND BUDGET INCLUDING ALL SEGMENTS

Please provide a cost and programming estimate for the total project (e.g. the cost to complete all planned segment improvements). 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 the segment description(s) in Part B(s).

Cost Estimate for the Project Including ALL Segments	Cost	Optional (Additional Notes)
1. ADOT Fee	5,000	None
2. Design	167,000	None
3. Right of way	0	None
4. Utilities	0	None
5. Construction	1,280,856	None
6. Contingency	60,000	None
7. Total Cost	1,512,856	None

8. Please attach a detailed cost estimate if available. [Link to MAG Webpage for Bike-Ped Cost Form](#)

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

Yes

10. Expected Annual Maintenance Cost

12,000	Note
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Requested MAG Programming	Year	Local Funding Source	Local Cost	Federal Cost	Total Cost
11. Design	2013	Sales Tax	167,000	Not Available	167,000
12. Right of way and Utilities	2013	HURF	0	Not Available	0
13. Construction	2015	Sales Tax	76,429	1,264,427	1,340,856
			243,429	1,264,427	1,507,856

Pedestrian, Bicycle and Shared-Use Facility Project Application from Avondale for 'Agua Fria Shared-Use Path Connector'

PART D - SIGNATURE AND CHECKLIST

As the jurisdiction'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: Charles P. McClendon

Title: Avondale City Manager

Date: September 19, 2012

WILL FILL OUT AFTER QUESTIONS APPROVED.

Checklist - OPTIONAL

This check list is optional, but is included to facilitate applicant review and verification that all required fields in the form have been completed.

PART A - Contacts and Project Description Fields	Complete?
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6 - 7 are complete	Yes
Project Description, field 8 – project map is provided in the printed application. Please attach a PDF file in the electronic submittal.	Yes
PART B - Segment Description and Proposed Improvements Fields	Complete?
Project Description, Section 1	
Fields 1 - 2 are complete	Yes
Field 3 – segment alignment map is provided in the printed application. Please attach PDF file in the electronic submittal.	Yes
Field 4 - please check box if included and provided in the printed application. Please attach PDF file in the electronic submittal.	Yes
Fields 5 – 10 are complete	Yes
Proposed Improvements, Section 2	
Fields 11 – 28 are complete	Yes
PART C - Total Project Schedule and Budget Including All Segment Fields	Complete?
Fields 1 – 7 are complete	Yes
Field 8 - please check box if included and provided in the printed application. Please attach PDF file in the electronic submittal.	Yes
Field 9 - 10 are complete	Yes
Fields 11 – 13 Years are complete	Yes
Fields 11 – 13 Local Funding Sources are complete	Yes
Fields 11 – 13 Local Costs are complete	Yes
Field 11 - 13 Federal Costs are complete	Yes
PART D - Signature Page Fields	Complete?
Form is signed	Yes
Name, title and date fields are completed.	Yes

Pedestrian, Bicycle and Shared-Use Facility Project Application from Avondale for 'Agua Fria Shared-Use Path Connector'

TRANSMITTAL INSTRUCTIONS and SCHEDULE

The due date and time for project applications to be submitted to MAG is **Wednesday, September 19, 2012 by 10:00 a.m.**

Member agencies are to:

1) Transmit the application and all attachments electronically, and

To transmit the application electronically, please save the excel file, and then send the application and all attachments to Teri Kennedy, Transportation Programming Manager. Please send graphic attachments in PDF form. Click cell below to send e-mail.

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

2) Submit two printed, signed, and complete applications to MAG.

To submit two printed, signed, and complete applications to MAG, the applicant can mail **(at MAG offices by Wednesday September 19, 2012 at 10:00 a.m.)** or drop off application to:

Maricopa Association of Governments
ATTN: Teri Kennedy,
302 N. 1st Avenue, Suite #300,
Phoenix, AZ 85003.

Or, the applicant can scan a printed and signed application and transmit it via e-mail or fax to: tkennedy@azmag.gov or 602.254.6300 by Thursday September 19th @ 10:00 a.m. If the applicant is transmitting a scanned, printed, and signed application via e-mail or fax, the applicant will mail or drop off the original printed application by Wednesday, September 26, 2012.

Application Workshops and Open Working Group Meeting Schedule*

Monday, August 13, 2012 from 9:00-11:00 AM	Workshop on MAG Transportation Programming and Federal Fund Project Applications
Monday, August 27, 2012 from 1:00-3:30 PM	Open Working Group - Federal Fund Project Applications
Monday, September 10, 2012 from 8:30-11:00 AM	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, Suite 300, Phoenix, Arizona 85003

Instructions for the Submittal of GIS Data for CMAQ Funding Applications

It is preferred that, when possible, member agencies submit GIS data representing the locations of projects defined in their CMAQ 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 CMAQ 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.

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

Pedestrian/Bicycle Cost Estimation Form

Design Funding	Locally Funded										
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	\$10,000.00	\$10,000.00	FALSE	\$0.00	\$10,000.00			
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$5,000.00	\$5,000.00	FALSE	\$0.00	\$5,000.00			
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting	LS	1	\$10,000.00	\$10,000.00	FALSE	\$0.00	\$10,000.00			
	4. HAZMAT ASSESSMENT	LS	1	\$2,000.00	\$2,000.00	FALSE	\$0.00	\$2,000.00			
	Subtotal Scoping (Part A)				\$27,000.00		\$0.00	\$27,000.00			
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Right-of-Way Acquisition	LS	1	\$0.00	\$0.00	FALSE	\$0.00	\$0.00			
	2. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$120,000.00	\$120,000.00	FALSE	\$0.00	\$120,000.00			
	3. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$5,000.00	\$5,000.00	FALSE	\$0.00	\$5,000.00			
	4. DRAINAGE REPORT	LS	1	\$10,000.00	\$10,000.00	FALSE	\$0.00	\$10,000.00			
	5. SWPPP	LS	1	\$5,000.00	\$5,000.00	FALSE	\$0.00	\$5,000.00			
	Subtotal PE (Part B)				\$140,000.00		\$0.00	\$0			
C. Construction Or Implementation For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4	1. Hardscape Construction	Installation Of SWPP Measures	LS	1	\$15,000.00	\$15,000.00	TRUE	\$14,145.00	\$855.00		
		Site Preparation	LS	1	\$5,000.00	\$5,000.00	TRUE	\$4,715.00	\$285.00		
		Demolition	Sawcut	LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Remove Structures and Obstructions	LS	1	\$20,000.00	\$20,000.00	TRUE	\$18,860.00	\$1,140.00	
			Remove Fencing	LF	600	\$2.00	\$1,200.00	TRUE	\$1,131.60	\$68.40	
			Remove Structural Concrete	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Remove Asphaltic Concrete Pavement	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Remove Concrete Sidewalks, Slabs	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Hazmat Abatement	LS	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Utility Relocation	LS	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Retaining Wall - Reinforced Concrete Cantilevered	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Earthwork	General Excavation	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Drainage Excavation	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Structural Excavation	CY	2,356	\$45.00	\$106,020.00	TRUE	\$99,976.86	\$6,043.14	
			Structural Backfill	CY	139	\$200.00	\$27,800.00	TRUE	\$26,215.40	\$1,584.60	
		Borrow (In Place)	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Curb & Gutter	LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Aggregate Base	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Pathway Or Sidewalk Materials	Concrete	SF	20,540	\$6.00	\$123,240.00	TRUE	\$116,215.32	\$7,024.68	
			Colored Concrete	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Stamped Color Concrete	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Precast Concrete Pavers	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Asphaltic Concrete	Ton	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Polymer or Resin Stabilized Surface	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Crosswalk Enhancement	Concrete Pavers	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Stamped Asphalt	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Stamped Concrete	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Concrete	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Integral Color Concrete	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Pedestrian ADA Ramp	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Culvert Extensions	LF	250	\$3,375.00	\$843,750.00	TRUE	\$795,656.25	\$48,093.75			
	Pedestrian Lighting Including Conduit And Trenching	Each	25	\$1,000.00	\$25,000.00	TRUE	\$23,575.00	\$1,425.00			
	Handrail	Standard	LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Decorative	LF	300	\$50.00	\$15,000.00	TRUE	\$14,145.00	\$855.00		
	Subtotal Hardscape Construction				\$1,182,010.00		\$1,114,635.43	\$67,374.57			

2. Landscaping & Irrigation Items	Trees Above 15 Gallon In Size As Required Per Local Code Or Special Design Requirements		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Trees (15 Gallon Size)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Trees (5 Gallon Size)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Shrubs (5 Gallon Size)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Shrubs (1 Gallon Size)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Cactus (5 Gallon Size)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Mulch	Decomposed Granite		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
		Organic		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Topsoil		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Seeding		Acre	1	\$45,000.00	\$27,000.00	TRUE	\$25,461.00	\$1,539.00	
	Turf Sod		SY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Boulders		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Irrigation System	Drip		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
		Turf		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Sleeving For Irrigation System	Directional Bore		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
		Cut and Patch		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Landscape Header Curb		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Landscape Establishment		LS	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Subtotal Landscaping & Irrigation Items					\$27,000.00		\$25,461.00	\$1,539.00	
	3. Site Furnishings	Benches		Each	4	\$350.00	\$1,400.00	TRUE	\$1,320.20	\$79.80
Seatwalls		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
Bike Racks		Each	2	\$250.00	\$500.00	TRUE	\$471.50	\$28.50		
Trash Receptacles		Each	6	\$85.00	\$510.00	TRUE	\$480.93	\$29.07		
Drinking Fountains		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
Signage (Standard Traffic Control)		Each	6	\$175.00	\$1,050.00	TRUE	\$990.15	\$59.85		
Tree Grates		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
Subtotal Site Furnishings					\$3,460.00		\$3,262.78	\$197.22		
4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)		Pavement Marking		LF	5,280	\$0.45	\$2,376.00	TRUE	\$2,240.57	\$135.43
		Educational/Way-Finding Signs		Each	4	\$250.00	\$1,000.00	TRUE	\$943.00	\$57.00
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Subtotal Other Construction					\$3,376.00		\$3,183.57	\$192.43	
5. Mobilization And Administration Costs	Contractor Mobilization		LS	1	\$30,000.00	\$30,000.00	FALSE	\$0.00	\$30,000.00	
	Traffic Control		LS	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Construction Survey & Layout		LS	1	\$15,000.00	\$15,000.00	TRUE	\$14,145.00	\$855.00	
	Construction Contingencies		LS	1	\$60,000.00	\$60,000.00	TRUE	\$56,580.00	\$3,420.00	
	Construction Administration		LS	1	\$20,000.00	\$20,000.00	TRUE	\$18,860.00	\$1,140.00	
Subtotal Mobilization & Administration Costs					\$125,000.00		\$89,585.00	\$35,415.00		
Subtotal Construction Or Implementation Cost (Part C)						\$1,340,846.00		\$1,236,127.78	\$104,718.22	
D. Total Scoping, PE and Construction (Part A, B, and C)						\$1,507,846.00		\$1,236,127.78	\$131,718.22	
E. Adot Fee For Pe Reviews And Staff Charges (The higher of \$20,000 or 2% of Total Cost (Part D))						\$30,156.92	FALSE	\$0.00	\$30,156.92	
F. Total Project Cost Including ADOT Fees (Part D + Part E)						\$1,538,002.92		\$1,236,127.78	\$161,875.14	