

# Transportation Alternatives (TA) / CMAQ Application For FY 2023 and FY 2024 Projects



**Due: September 16, 2019 at 10:00 a.m.**

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

**Est. TA Amount Available in Millions: \$5.9., and \$5.2 (\$11.1 total)**

**Est. CMAQ Amount Available in Millions: \$11.3, and \$9.9 (\$21.2 total)**



**INSTRUCTIONS AND SCHEDULE**

**The due date and time for project applications to be submitted to MAG is  
Monday, September 16, 2019 at 10:00 a.m.**

**General Instructions**

This Excel form is to be used to request federal Transportation Alternatives (TA) and CMAQ funding available through the Maricopa Association of Governments (MAG) for projects to be included in the FY2020-FY 2024 MAG Transportation Improvement Program. Funding is available for Federal Fiscal Year (FFY) 2023 and 2024.

Applications are due to MAG on **Monday, September 16, 2019 at 10:00. Late applications will not be accepted.**

This application form includes:

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

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

**Transmittal Instructions**

Send the following to MAG:

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

Two methods are provided to transmit files to MAG as follows:

**Method 1 EMAIL:** To Email the application to MAG, please do the following:

1. Save the files to be transmitted to MAG in a place you can find. Zip all files to submit into a single file.
2. Click on the following hyperlink to open an email window, attach the application files and press the send button.

[EMAIL APPLICATION TO MAG](#)

**Method 2 DROPBOX:** If the application is to large to be sent by email or you would like immediate confirmation of your transmittal, please do the following:

1. Save all files to be transmitted to MAG in a place you can find
2. ZIP the files
3. Click the following hyperlink to upload the files to Dropbox

[DROP THE APPLICATION IN THE BOX](#)

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

Date	Time	Room	Workshop/Open Working Group
Tuesday, August 6, 2019	10:00:00 AM	Saguaro	Workshop on MAG Transportation Programming and Federal Fund Project Applications

**INSTRUCTIONS AND SCHEDULE**

**The due date and time for project applications to be submitted to MAG is  
 Monday, September 16, 2019 at 10:00 a.m.**

Tuesday, August 13, 2019	10:00:00 AM	Chaparral	Open Working Group - Federal Fund Project Applications
Tuesday, August 27, 2019	1:00:00 AM	Chaparral	Open Working Group - Federal Fund Project Applications

\* All meetings will be held on the 2nd floor of the MAG Offices at 302 N. 1st Avenue, Phoenix, AZ 85003

**MAG Contact Information**

Contact Name	Phone	E-Mail Address
MAG Offices	602-254-6300	
Jason Stephens	602-254-6300	<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 2023 and FY 2024 Projects

Frye Road Protected Bike Lanes

City of Chandler

APPLICATIONS ARE DUE AT MAG OFFICES BY  
Monday, September 16, 2019 at 10:00 a.m.

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

## Chandler: Frye Road Protected Bike Lanes

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

1. Name of Sponsoring Agency	Chandler
2. Agency Contact Name	Jason Crampton
3. Phone Number of Agency Contact	480-782-3402
4. E-Mail Address of Agency Contact	<a href="mailto:jason.crampton@chandleraz.gov">jason.crampton@chandleraz.gov</a>
5. Mailing Address of Agency Contact	PO Box 4008/ Mail Stop 412/ Chandler, AZ 85244

**Project Description**

6. Please provide the Project Title.	Frye Road Protected Bike Lanes
7. Please provide a concise, specific description of the project (250 character limit):	This project will add protected bike lanes to Frye Road from 1/2 mile west of Arizona Avenue to the Paseo Trail (Consolidated Canal).
8. Please provide the project limits:	Frye Road: 1/2 mile west of Arizona Avenue to Paseo Trail (Consolidated Canal)

Chandler : Frye Road Protected Bike Lanes

**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 checked="" type="checkbox"/> Protected Bike Lane          | <input type="checkbox"/> Signalized Crossing                                  |
| <input type="checkbox"/> Shared-use path (10' min.)              | Other:  |
| <input type="checkbox"/> Sidewalk (5' min.)                      | <input type="text"/>  |
| <input type="checkbox"/> Planning Study                          |   |

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

- |  |                      |
|--|----------------------|
| <input 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"/> 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"/> 4 Number of Way-finding Signs          | <input type="checkbox"/> Number of bicycle/pedestrian counting devices |
| <input type="checkbox"/> Number of Trash receptacles            | Other:   |
| <input type="checkbox"/> Number of Trees                        | <input type="text"/>   |
| <input type="checkbox"/> Number of new openings in street walls | Bicycle Repair Station   |
| <input type="checkbox"/> Number of Shade Structures             |  |

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

Currently, there are 4'-wide bike lanes on Frye Road. However, due to high-speed traffic, many cyclists do not feel comfortable utilizing these bike lanes. This is an important corridor, which provides a direct connection from downtown Chandler (including several high density housing, commercial, employment and mixed use developments) to the Paseo Trail, the primary off-street bike trail in Chandler (with connections to Gilbert and Mesa).

Chandler : Frye Road Protected Bike Lanes

**PART B-DETAILED PROJECT DESCRIPTION**

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

This project will convert these on-street bike lanes to protected bike lanes, providing a level of comfort and safety for the general population, making an important connection between the Paseo Trail on the Consolidated Canal, several public schools, and downtown Chandler. The majority of the new bike facility will be protected with a vertical or rolled curb. At street/ driveway crossings, pavement treatment will be applied to add a higher degree of visibility to these protected bike lanes.

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

During Chandler's ongoing Transportation Master Plan update, public outreach showed that a strong majority of residents want to bike in Chandler but are only willing to do so in a more protected setting than offered by standard bike lanes. This protected bike lane will provide a safe and comfortable biking option for the 'interested but concerned' segment of the population. Additionally, this protected bike lane will connect downtown Chandler with the Paseo Trail on the Consolidated Canal.

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

Physical separation of bike lane and vehicle lane.

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

- Yes
- No

Please Explain:

We will utilize our bus stop advertising signs in the nearby area, along with other outreach methods, to promote the project, promote bicycling and bicycle safety for drivers and cyclists.

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

Safety is one of the primary goals of this project. By physically separating bicyclists, there will be an added layer of protection and comfort for cyclists. Creating a safe cycling environment such as this will enable riders of all ages and skill levels to use the facility.

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

This project will reconstruct any curb ramps out of ADA compliance.

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

This project will provide a safe biking option along a high speed roadway for residents in nearby neighborhoods to access downtown Chandler businesses and events, as well as providing access to the Paseo Trail. The project also will provide residents with a safe connection to 7 different schools.

Chandler : Frye Road Protected Bike Lanes

**PART B-DETAILED PROJECT DESCRIPTION**

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

This will be the first project of this kind in Chandler, creating a unique facility. Additionally, the project will add colored and/ or decorative pavement treatments that will add to the sense of place.

14. Connectivity: (Check all that apply)

Project fills a gap in the system

Explain:

This project will provide a low-stress connection between our major off-street path and downtown.

Project connects to other local bikeways

List of connected bikeways:

Paseo Trail (Consolidated Canal), bike lanes on Arizona Ave., McQueen Rd., Cooper Rd., Hamilton St., etc.

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

List of Participating Jurisdictions:

51 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.

46 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.

3 Within 1/2 mile

List routes and frequency:

112 (Arizona Ave.) - 15 minutes; 156 (Chandler Blvd.) - 30 minutes; 104 (Alma School Rd.) - 30 minutes

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

0 Within 1/2 mile

List:

The Chandler Park and Ride is approximately 1.5 miles from the project, and the Chandler Transit Center is approximately 2.8 miles from the project.

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

37 Within 1/2 mile

List:

City Hall, Downtown Library, Community Center, Senior Center, Improving Chandler Area Neighborhoods, Downtown Stage, Salvation Army Community Center, Chandler Court, 8 parks (Elgin, Winn, A.J. Chandler, San Marcos, Folley, Folley Pool, San Tan, KK Skousen), Chandler Housing/ Redevelopment, Fire Admin, Fire Station 8, Chandler PD, Public Works/ Community Development, Chandler Innovations Incubator, Maricopa Integrated Health, Chandler BMX, San Tan Court, 10 churches (The Door, Revive, Foothills, Trinity, Faith, Latter-day Saints, Light and Life, Mt. Olive, SDA, Congregational), Day Labor Center, U.S. Post Office

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):

Chandler : Frye Road Protected Bike Lanes

**PART B-DETAILED PROJECT DESCRIPTION**

42 Within 1/2 mile

List:

Historic Downtown Chandler, Overstreet, Ports America Office Complex, Focus Corporate Plaza, New Square, Wall Street District, First Credit Union Office Complex, Plaza Gomez Center, Gangplank Center, San Marcos Golf Course, Crowne Plaza Resort, Faithlife Corp., AZ Ave Auto/ Storage Center, Wash Works/ Payless Market Center, Glassworks/ CFG Auto Center, Chandler Auto Center, Desert Cove Appliances Center, Boost Mobile, El Herradero/ VFW, Azteca Income Tax Center, TitleMax Center, FLO/ Dano's Center, Buona Vita/ Auto Image Center, Xtreme Scene, Old Castle Infrastructure, Cemex, Sunbelt/ Croffoot, Morelos/ Geronimo/ Bogle St. Employers, Xtreme Air/ CVS Shopping Center, KTR Shopping Center, CUSD Receiving Warehouse, Village at the Springs Shopping Center, Sun Devil Auto Center, El Alamo Center, Wingfoot Market Center, Gerber Collision/ Auto Center, Commonwealth Ave. Employers, Chicago Cir. Employers, Boston Cir. Employers, Foster Electric/ Animal Health Center, CUSD Transportation Facility, Farmer's Insurance

Chandler : Frye Road Protected Bike Lanes

**PART B-DETAILED PROJECT DESCRIPTION**

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

**4** Within 1/2 mile

List:

San Marcos Elementary, Frye Elementary, Bologna Elementary, Willis Jr. High.

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

**3** Within 1/2 mile

List:

Champion Charter School (K-8), Chief Hill Learning Academy, University of Arizona Chandler Campus. Additionally, Chandler Gilbert Community College and Chandler High School are within 3/5 mile

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):

**48** Within 1/4 miles

List:

City Hall, Historic Downtown Chandler, Senior Center, Chandler BMX, The Door Christian Center, Wall Street District, San Tan Court, Folley Aquatic Center, Chandler Housing/ Neighborhood Resources, Chandler PD, Chandler Court, Fire Administration, Chandler Innovations Incubator, Fire Station 8, Churches (4), Schools (6), First Credit Union Office Complex, New Square, Gangplank Center, Faithlife Corp., Various Commercial Centers (7), Various employment centers (9), Parks (4)

**36** 1/4 miles to 1/2 miles

List:

Downtown Stage, Downtown Library, Community Center, Post Office, University of Arizona, Maricopa Integrated Health Care Center, Improving Chandler Area Neighborhoods, Salvation Army, 5 churches, Community Development/ Public Works, Winn Park, San Tan Park, Day Labor Center, San Marcos Golf Course, Crowne Point Plaza Resort, Overstreet, Ports America Office Complex, Focus Corporate Plaza, Appliances/ Auto Center/ Boost Mobile, El Herradero Center/ VFW Post 7401, Azteca Income Tax Center, TitleMax Center, Sunbelt/ Croffoot, Morelos/ Geronimo/ Bogle St. Employers, Xtreme Air/ CVS Shopping Center, KTR Shopping Center, Village at the Springs, Sun Devil Auto/ Tire Plaza, El Alamo Super Carniceria Center, Wingfoot Market Center, Gerber Collision/ Auto Center, Commonwealth Ave. Employers

23. What are the demographics of the area served:

[MAG Demographic Mapping](#)

**4976** People Per Square Mile

**15.4** % Families in Poverty

Use the MPO/COG Demographic Mapping link above. Zoom in to your project area. On the left-hand side of the screen, under select "Reports", then select "Custom Geography". Next, click the "Corridor of Interest" button. Left-click to begin drawing. Draw a line through all census block groups adjacent to your project, left-clicking where needed to change the direction of the line. Double-click to finish drawing the line. The selected census block groups will become highlighted in blue. A panel will appear with a report that summarizes the selected block groups. You may export the results to Excel (click the "Export to Excel" button) for your records

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

Chandler : Frye Road Protected Bike Lanes

**PART B-DETAILED PROJECT DESCRIPTION**

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

Frye Road: Paseo Trail (Consolidated Canal) to 1/2 mile west of Arizona Avenue

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:

Minor Arterial

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

Chandler : Frye Road Protected Bike Lanes

PART B-DETAILED PROJECT DESCRIPTION

Type of Facility the Improvement will be located on:

Collector Road

2.4 Length (in Miles)

35 Posted Speed Limit (MPH)

2 Number of Travel Lanes Before Project

2 Number of Travel Lanes After Project

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

30,600 ADT Estimate

Oct-18 Date Counted

Name of road the traffic count was taken from

Chandler Boulevard

Description of Methodology and Source used for the ADT Estimate

24-hour pneumatic tube

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.

No known issues.

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.

None. All Right-of-way is owned by City.

Chandler : Frye Road Protected Bike Lanes

PART B-DETAILED PROJECT DESCRIPTION

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

Yes  No

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

No Utility in or abutting the alignment  Private Structures  
 Canals & Drainage  
 Power Lines & Cables  
 Pipelines, Sewer and Water  
Other:

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

No known utility impacts.

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

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

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

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

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:

Chandler : Frye Road Protected Bike Lanes

**PART B-DETAILED PROJECT DESCRIPTION**

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

The City will take before and after bicycle counts along the corridor. Additionally, the City will reach out to the local schools along the corridor and to the Downtown Chandler Community Partnership to get their feedback on the benefits that the project brought along with the usage of the facility by their students/ families/ clientele.

36. Will bicycle/pedestrian count technology be incorporated? Will the devices broadcast automatic updates or require manual data collection? If manual, how will the agency identify staff resources to dedicate to collecting the data?

Yes. The project proposes adding automated bicycle counters. No staff time will be required for collecting data.

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.

We will utilize our bus stop advertising signs in the nearby area to promote the new facility. Additionally, we will utilize other outreach methods such as social media, Channel 11, and a news release to notify the public of the project opening and remind cyclists and drivers to operate in a safe manner.

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

Yes. Wayfinding signage will be added with direction and distances to downtown Chandler and to the Paseo Trail (Consolidated Canal).

<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>

Chandler : Frye Road Protected Bike Lanes

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

REQUESTED PROGRAMMING	Location Description	Frye Road: 1/2 mile west of Arizona Avenue to Paseo Trail							
	Work Description	Protected Bike Lanes							
Funding Source		CMAQ							
Preferred Year to Program Work		2023							
COST ESTIMATE FOR PROCUREMENT		UNITS	QUANTITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL	
PROCUREMENT	Narrow electric street sweeper	EA	1	50,000	50,000	Yes	47,150	2,850	
	Bike Counter	EA	2	10,000	20,000	Yes	18,860	1,140	
	Place for entering item #3	EA				No			
	Place for entering item #4	EA				No			
	Place for entering item #5	EA				No			
	Place for entering item #6	EA				No			
	Place for entering item #7	EA				No			
	Place for entering item #8	EA				No			
	Place for entering item #9	EA				No			
	Place for entering item #10	EA	1			No			
	Place for entering item #11	EA				No			
	Place for entering item #12	EA				No			
	Place for entering item #13	EA				No			
	Place for entering item #14	EA				No			
	Place for entering item #15	EA				No			
	Place for entering item #16	EA				No			
	Place for entering item #17	EA				No			
	Place for entering item #18	EA				No			
	Place for entering item #19	EA				No			
	Place for entering item #20	EA	1			Yes			
	<b>TOTAL - PROCUREMENT</b>					<b>70,000</b>		<b>66,010</b>	<b>3,990</b>
DESIGN	Location Description	Frye Road: 1/2 mile west of Arizona Avenue to Paseo Trail							
	Work Description	Protected Bike Lanes							
	Funding Source	Local							
	Preferred Year to Program Work	2022							
	COST ESTIMATE FOR DESIGN		UNITS	QUANTITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL
	PRELIMINARY ENGINEERING (15% plans) (Required for Budget)	Topographic Survey	LS	1	20,000	20,000	No	-	20,000
		Design Concept Report (DCR)	LS	1	40,000	40,000	No	-	40,000
		Federal Project Environmental Determination	LS	1	40,000	40,000	No	-	40,000
		HAZMAT Assessment	LS	1	15,000	15,000	No	-	15,000
		<b>SUBTOTAL - PRELIMINARY ENGINEERING COSTS</b>					<b>115,000</b>		-
	FINAL DESIGN (30, 60, 95, 100% plans) (Required for Budget)	Plans, Specifications, Cost Estimates, Bidding	LS	1	220,000	220,000	No	-	220,000
		Geotechnical Report	LS	1	20,000	20,000	No	-	20,000
		Drainage Report	LS	1	20,000	20,000	No	-	20,000
		SWPPP	LS	1	20,000	20,000	No	-	20,000
<b>SUBTOTAL - FINAL DESIGN COSTS</b>					<b>280,000</b>		-	<b>280,000</b>	
<b>TOTAL PRELIMINARY ENGINEERING AND DESIGN COST AVAILABLE FOR PROGRAMMING</b>					<b>395,000</b>		-	<b>395,000</b>	
RIGHT OF WAY	Location Description	Frye Road: 1/2 mile west of Arizona Avenue to Paseo Trail							
	Work Description	Protected Bike Lanes							
	Funding Source	Local							
	Preferred Year to Program Work	2022							
	COST ESTIMATE FOR RIGHT OF WAY		UNITS	QUANTITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL
	RIGHT OF WAY COST (Required for Budget, May be 0 if no ROW)	Appraisals and Title Reports	LS	0			No		
		Road Right of Way	LS	0			No		
		Temporary Construction Easements	LS	0			No		
		Drainage Easement	LS	0			No		
		Utility Easements/Right of Way	LS	0			No		
		Aerial Electrical Easement	LS	0			No		
		Sign Relocations	LS	0			No		
		Relocation Expenses	LS	0			No		
		Site Environmental Assessments	EA	0			No		
		Building Demolition	EA	0			No		
		Other Right of Way Expenses					No		
		Other Right of Way Expenses					No		
Other Right of Way Expenses		EA	0			No			
<b>TOTAL - RIGHT OF WAY COSTS</b>					-		-	-	
CONSTRUCTION	Location Description	Frye Road: 1/2 mile west of Arizona Avenue to Paseo Trail							
	Work Description	Protected Bike Lanes							
	Funding Source	CMAQ							
	Preferred Year to Program Work	2023							
	COST ESTIMATE FOR CONSTRUCTION		UNITS	QUANTITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL

<b>UTILITY RELOCATIONS</b> (Required for Budget, May be 0 if no Utilities)  The cost of utility relocation for the transportation project are eligible for federal aid if the costs/activities involved are directly related to the transportation project. Generally, burying overhead utilities is cost prohibitive.	Relocate 69 kv (+) Poles	EA					Yes			
	Relocate/Underground 12 kv lines	LF					No			
	Relocate/Underground Irrigation Canal	LF					No			
	SWG Relocations	LS					No			
	Telephone/Cable TV Relocations	LS					No			
	Upgrade Railroad Crossings	LS					No			
	Other Utilities	LS	1		20,000		Yes	18,860	1,140	
	Other Utilities	LS					No			
<b>SUBTOTAL - UTILITY RELOCATION COSTS</b>					<b>20,000</b>			<b>18,860</b>	<b>1,140</b>	
<b>1. Hardscape Construction</b>	Installation Of SWPP Measures	LS	1		20,000		Yes	18,860	1,140	
	Site Preparation	LS					No			
	Demolition	Sawcut	LS					No		
		Remove Structures and Obstructions	LS					No		
		Remove Fencing	LS					No		
		Remove Curb and Gutter	LF	2,788	5.54	15,456		Yes	14,575	883
		Remove Asphaltic Concrete Pavement	SY	29,870	5.54	165,589		Yes	156,151	9,439
	Hazzmat Abatement	Remove Concrete Sidewalks, Slabs	SF	11,152	3.33	37,093		Yes	34,979	2,114
			SF					No		
	Retaining Wall - Reinforced Concrete Cantilevered	LS					No			
	Earthwork	General Excavation	LS					No		
		Drainage Excavation	LS					No		
		Structural Excavation	SY					No		
		Structural Backfill	SY					No		
		Borrow (In Place)	SY					No		
	Curb & Gutter	LF	39,622	17.74	702,874		Yes	662,810	40,064	
	Aggregate Base	SY					No			
	Pathway Or Sidewalk Materials	Concrete	SF	11,152	4.99	55,640		Yes	52,468	3,171
		Colored Concrete	SF					No		
		Decorative Asphalt	SY	3,533	94.24	332,995		Yes	314,015	18,981
		Precast Concrete Pavers	SF					No		
		AC Pavement including ABC Base	SY	26,337	33.26	876,009		Yes	826,077	49,933
	Crosswalk Enhancement	Polymer or Resin Stabilized Surface	SF					No		
		Concrete Pavers	EA					No		
		Stamped Asphalt	EA					No		
		Stamped Concrete	EA					No		
		Concrete	LF					No		
	Pedestrian ADA Ramp	EA	8	2,772	22,174		Yes	20,910	1,264	
	Culvert Extensions	LF					No			
	Relocate Street Light	EA	12	2,217	26,609		Yes	25,093	1,517	
	Handrail	Standard	EA					No		
		Decorative	LF					No		
<b>SUBTOTAL HARDSCAPE CONSTRUCTION</b>					<b>2,254,440</b>			<b>2,125,937</b>	<b>128,503</b>	
<b>2. Landscaping &amp; Irrigation Items</b>	Trees Above 15 Gallon In Size As Required Per Local Code Or Special Design Requirements	EA					No			
	Trees (15 Gallon Size)	EA					No			
	Trees (5 Gallon Size)	LS					No			
	Shrubs (5 Gallon Size)	EA					No			
	Shrubs (1 Gallon Size)	EA					No			
	Cactus (5 Gallon Size)	LF					No			
	Mulch	Decomposed Granite	LS					No		
		Organic	EA					No		
	Topsoil	EA					No			
	Seeding	EA					No			
	Turf Sod	EA					No			
	Boulders	LF					No			
	Irrigation System	Drip	LF					No		
		Turf	LF					No		
	Sleeving For Irrigation System	Directional Bore	LF					No		
		Cut and Patch	LF					No		
	Landscape Header Curb	LF					No			
Landscape Establishment	LF					Yes				
<b>SUBTOTAL LANDSCAPING &amp; IRRIGATION ITEMS</b>										
<b>3. Site Furnishings</b>	Benches	EA	2	2,500	5,000		Yes	4,715	285	
	Seatwalls	EA					No			
	Bike Racks	EA	2	750	1,500		Yes	1,415	88	
	Bike Repair Stand	EA	1	10,000	10,000		Yes	9,430	570	
	Drinking Fountains	EA					No			
	Signage (Standard Traffic Control)	EA	16	200	3,200		Yes	3,018	182	
	Signage (Wayfinding)	EA	8	200	1,600		Yes	1,509	99	
	Tree Grates	SY					Yes			
	<b>SUBTOTAL SITE FURNISHINGS</b>					<b>21,300</b>			<b>20,086</b>	<b>1,214</b>
	<b>4. Other Construction Items, Also, Itemized Line Items For Non-Infrastructure Projects.</b>		Acre					No		
		SY	1				No			
		EA					No			
		LS	1				No			
		LS	1				No			
		EA					No			
		LF					No			
	LS	1				No				
	EA					No				
	EA					No				
<b>SUBTOTAL OTHER CONSTRUCTION ITEMS</b>										
<b>TOTAL CONSTRUCTION COST</b>					<b>2,295,740</b>			<b>2,164,883</b>	<b>130,857</b>	

	MOBILIZATION AND ADMINISTRATION COSTS	CONTRACTOR MOBILIZATION (Typically 8% of construction cost)			12%	275,489	Yes	259,786	15,703
		TRAFFIC CONTROL (0-8% of construction cost)			4%	91,830	Yes	86,595	5,234
		CONSTRUCTION CONTINGENCIES (Typically 5% of construction cost)			10%	229,574	Yes	216,488	13,086
		CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)			18%	413,233	Yes	389,679	23,554
<b>SUBTOTAL – MOBILIZATION &amp; ADMINISTRATION COSTS</b>					<b>1,010,126</b>		<b>952,549</b>	<b>57,577</b>	
<b>TOTAL CONSTRUCTION AND MOBILIZATION FOR PROGRAMMING</b>					<b>3,305,866</b>		<b>3,117,431</b>	<b>188,434</b>	
ADOT REVIEW FEE	Please enter 'Yes' if your agency is certified accepted by ADOT for construction			Yes					
	ADOT Review Fee	Agency Type	RATE	HOURS	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL	
	Contracts and Specs \ Advertise Project	Non CA	55	100	\$ -	No	-	-	
	District \ Review Stage Submittals	Non CA	50	40	\$ -	No	-	-	
	Environmental Planning \ Issue Clearance	All	50	40	\$ 2,000	No	-	2,000	
	Right of Way \ Issue Clearance	Non CA	55	24	\$ -	No	-	-	
	Compliance Review \ Compliance Review	Non CA	175	40	\$ -	No	-	-	
	Project Management Group \ Project Management	Non CA	120	100	\$ -	No	-	-	
	Project Management Group \ Project Management	CA Only	120	60	\$ 7,200	No	-	7,200	
	Utilities and Railroad Sections \ Issue Clearance	Non CA	50	24	\$ -	No	-	-	
<b>TOTAL COST ESTIMATE</b>					<b>\$ 3,780,066</b>		<b>3,183,441</b>	<b>596,624</b>	

Chandler : Frye Road Protected Bike Lanes

**PART E - Budget and Signature Page**

Phase	Location Description	Work Description	Year to be Programmed	Funding Source	Federal Amount	Local Amount	Total	Local Share
Procurement	Frye Road: 1/2 mile west of Arizona Avenue to Paseo Trail	Protected Bike Lanes	2023	CMAQ	\$ 66,010	\$ 3,990	\$ 70,000	5.7%
Design, excludes ADOT review fees	Frye Road: 1/2 mile west of Arizona Avenue to Paseo Trail	Protected Bike Lanes	2022	Local	\$ -	\$ 395,000	\$ 395,000	100.0%
Construction	Frye Road: 1/2 mile west of Arizona Avenue to Paseo Trail	Protected Bike Lanes	2023	CMAQ	\$ 3,117,431	\$ 188,434	\$ 3,305,866	5.7%
<b>Total Programmed</b>					\$ 3,183,441	\$ 587,424	\$ 3,770,866	15.6%
<b>ADOT Design Review Fee</b>					\$ -	\$ 9,200	\$ 9,200	100.0%
<b>Total Cost</b>					\$ 3,183,441	\$ 596,624	\$ 3,780,066	15.8%

**Signature: To be signed with printed hard copy that is sent to MAG**

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

Signature: See attached PDF

Name: Marsha Reed

Title: City Manager

Date: 9/13/19

## Part F - 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.		No
PART D - Cost Estimate Worksheet		Complete?
<b>PROCUREMENT</b> (Not applicable for construction projects)	REQUESTED PROGRAMMING (Rows 4-7)	<b>Complete?</b>
	Location Description	Yes
	Work Description	Yes
	Funding Source	Yes
	Preferred Year to Program Work	Yes
	PROCUREMENT/STUDY COSTS (Rows 9-29)	Yes
<b>DESIGN</b> (Applicable for all construction projects; not applicable for procurement projects)	REQUESTED PROGRAMMING (Rows 30-33)	<b>Complete?</b>
	Location Description	Yes
	Work Description	Yes
	Funding Source	Yes
	Preferred Year to Program Work	Yes
	PRELIMINARY ENGINEERING (Rows 35-38)	Yes
	FINAL DESIGN (Rows 40-43)	Yes

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

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

It is preferred that, when possible, member agencies submit GIS data representing the locations of projects defined in their CMAG Applications. For member agencies unable to meet this requirement, MAG staff is available to assist in this area. Please contact Nicole Funicello at [nfunicello@azmag.gov](mailto:nfunicello@azmag.gov) if assistance is needed.

### Submission Requirements

GIS Data – Please provide GIS data for each geometry type (point, line, polygon). Example: if you are submitting Project Applications that are for both linear features (bike lanes) and point features (crossings), you would submit a total of two GIS datasets.

File Formats – Agencies that are able to submit GIS data along with CMAQ Applications shall provide the data in formats that are compatible with ESRI products such as shapefiles (.SHP) or Geodatabases (.GDB). Google Earth files (.KMZ or .KML) are also acceptable file formats.

Spatial Reference – The preferred spatial reference system of submitted GIS data is State Plane Arizona Central NAD 83 HARN, however, GIS datasets in any other projection will be accepted.

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

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

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

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

ADOT SECTION	FUNCTION	RATE	HOURS	CHARGE/2
Environmental Planning	Issue Clearance	### ####	40	\$ 2,000
Project Management Group	Project Management	#### ###	60	\$ 7,200
<b>SUBTOTAL</b>			<b>100</b>	<b>\$ 9,200</b>
<b>STAFF GRAND TOTAL</b>				<b>\$ 10,000</b>

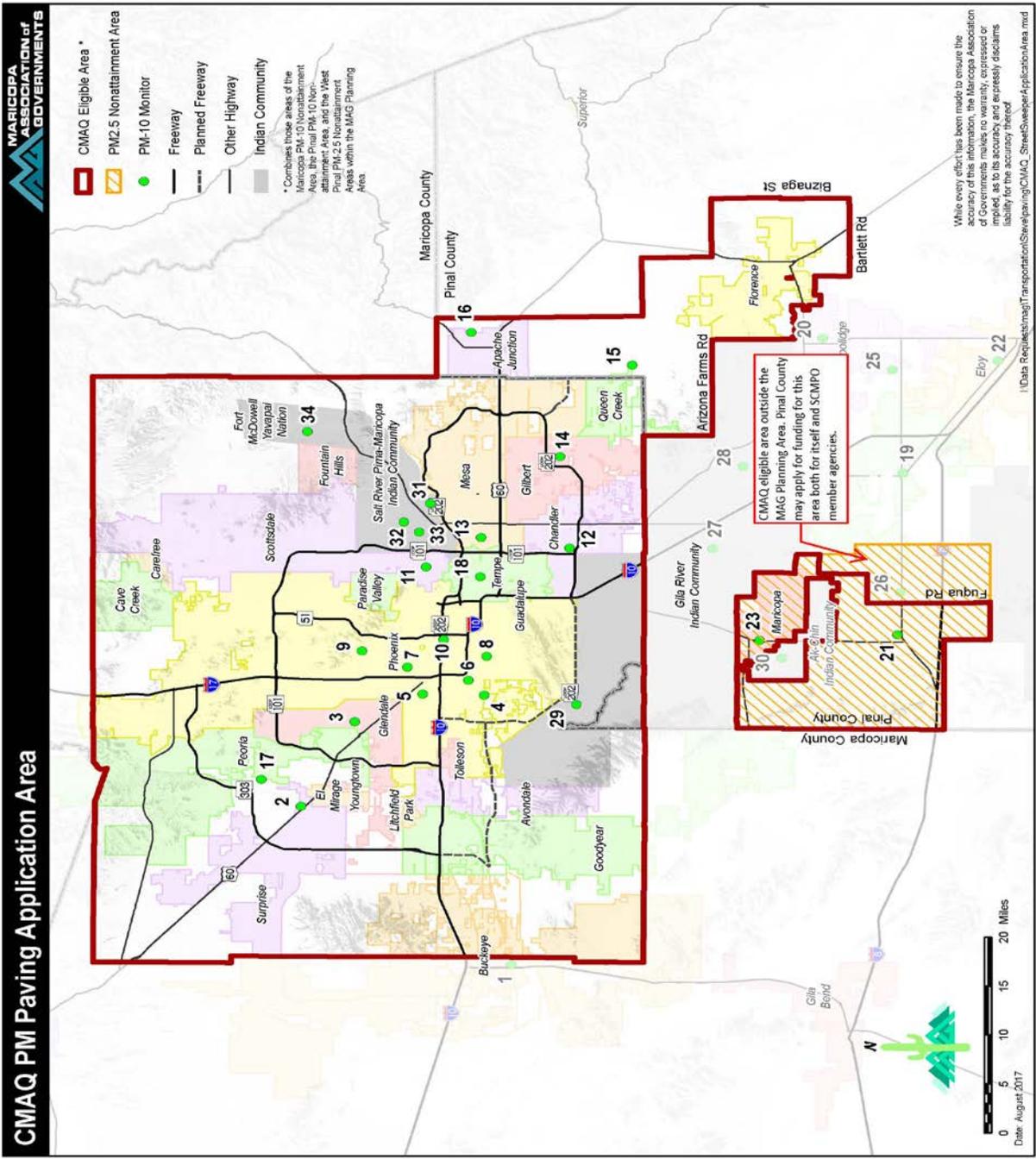
**ADOT Review Fees for Non Certification Accepted Agencies/1**

ADOT SECTION	FUNCTION	RATE	HOURS	CHARGE/2
Contracts and Specs	Advertise Project	\$ 55	100	\$ 5,500
District	Review Stage Submittals	\$ 50	40	\$ 2,000
Environmental Planning	Issue Clearance	\$ 50	40	\$ 2,000
Right of Way	Issue Clearance	\$ 55	24	\$ 1,320
Compliance Review	Compliance Review	\$ 175	40	\$ 7,000
Project Management Group	Project Management	\$ 120	100	\$ 12,000
Utilities and Railroad Sections	Issue Clearance	\$ 50	24	\$ 1,200
<b>SUBTOTAL</b>			<b>368</b>	<b>\$ 31,020</b>
<b>STAFF GRAND TOTAL</b>				<b>\$ 31,000</b>

Notes:

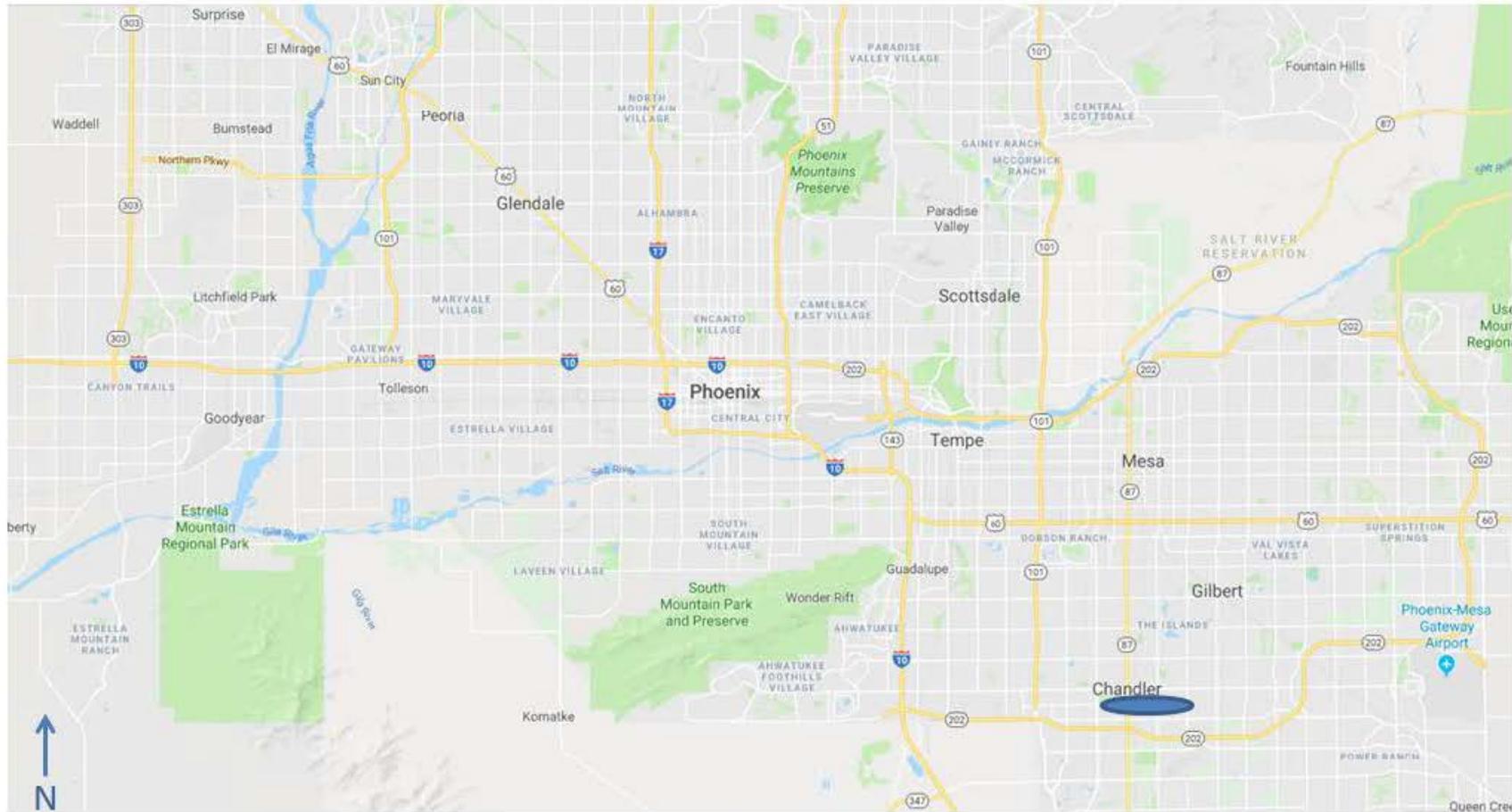
1. Based on material provided by ADOT in April 5, 2019. All functions, rates, hours and costs are as listed in the material provided by ADOT. Items listed in the ADOT information for which no



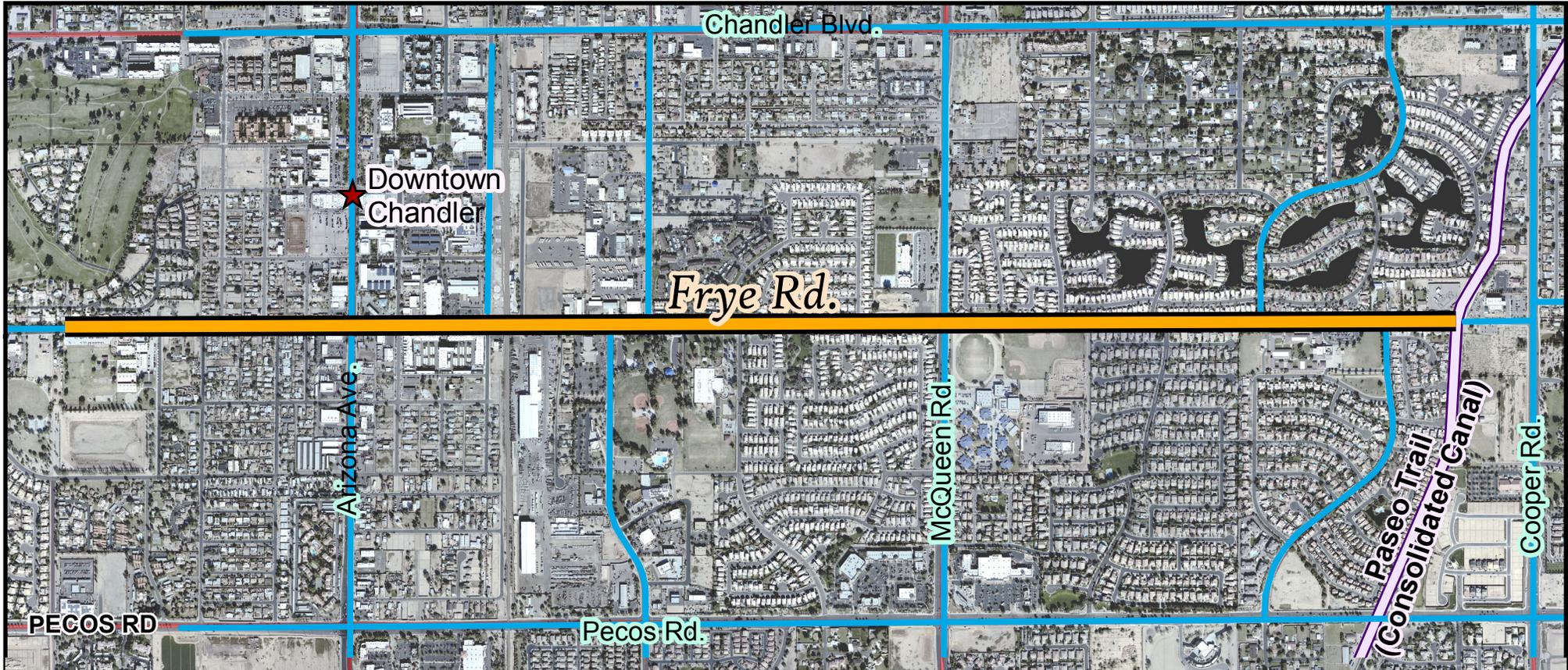


Map ID	Site ID	Name	Address	City	County	Agency
1	40134011	Buckeye	26449 W. 100th Drive	Buckeye	Maricopa	Maricopa County AQD
2	40134010	Dysart	16825 N. Dysart Road	Surprise	Maricopa	Maricopa County AQD
3	40132001	Glendale	6001 W. Olive Avenue	Glendale	Maricopa	Maricopa County AQD
4	40134009	West 43rd Avenue	3940 W. Broadway Road	Phoenix	Maricopa	Maricopa County AQD
5	40130019	West Phoenix	3847 W. Earll Drive	Phoenix	Maricopa	Maricopa County AQD
6	40139812	Durango Complex	2702 RC Ester Brook Boulevard	Phoenix	Maricopa	Maricopa County AQD
7	40139997	JLG Supersite	4530 N. 17th Avenue	Phoenix	Maricopa	ADEQ
8	40134003	South Phoenix	33 W. Tamarisk Avenue	Phoenix	Maricopa	Maricopa County AQD
9	40131004	North Phoenix	601 E. Butler Drive	Phoenix	Maricopa	Maricopa County AQD
10	40133002	Central Phoenix	1645 E. Roosevelt Street	Phoenix	Maricopa	Maricopa County AQD
11	40133003	South Scottsdale	2857 N. Miller Road	Scottsdale	Maricopa	Maricopa County AQD
12	40134004	West Chandler	275 S. Ellis Street	Chandler	Maricopa	Maricopa County AQD
13	40131003	Mesa	310 S. Brooks Circle	Mesa	Maricopa	Maricopa County AQD
14	40134006	Higley	3391 E. Vest Avenue	Gilbert	Maricopa	Maricopa County AQD
15	40213009	Combs School	301 E. Combs Road	Queen Creek	Pinal	Pinal County AQCD
16	40213002	Apache Junction Fire Station	3955 E. Superstition Boulevard	Apache Junction	Pinal	Pinal County AQCD
17	40134016	Zuni Hills	10851 W. Williams Road	Sun City	Maricopa	Maricopa County AQD
18	40134005	Tempe	1515 S. College Avenue	Tempe	Maricopa	Maricopa County AQD
19	40210001	Casa Grande Downtown	401 N. Marshall Street	Casa Grande	Pinal	Pinal County AQCD
20	40213004	Coolidge Maintenance Yard	212 E. Broadway	Coolidge	Pinal	Pinal County AQCD
21	40213015	Hidden Valley	43750 W. Carefree Place	Maricopa	Pinal	Pinal County AQCD
22	40213014	Eloy County Complex	801 N. Main Street	Eloy	Pinal	Pinal County AQCD
23	40213016	(City of) Maricopa County Complex	19955 N. Wilson Avenue	Maricopa	Pinal	Pinal County AQCD
24	40213007	Pinal Air Park	Water Well #2, Pinal Air Park Road	Marana	Pinal	Pinal County AQCD
25	40213011	Pinal County Housing Complex	970 N. Eleven Mile Corner Road	Casa Grande	Pinal	Pinal County AQCD
26	40213008	Stanfield County Complex	36697 W. Papago Drive	Stanfield	Pinal	Pinal County AQCD
27	40217004	Casa Blanca	3455 W. Casa Blanca Road	Bapchule	Pinal	Gila River Indian Community
28	40217001	Sacaton	45 S. Church Street	Sacaton	Pinal	Gila River Indian Community
29	40137003	St Johns	4208 W. Pecos Road	Laveen	Maricopa	Gila River Indian Community
30	40217030	Ak Chin	47685 W. Eco-Museum Road	Maricopa	Pinal	Ak Chin Indian Community
31	40137022	Lehi	3250 N. Stapley Drive	Mesa	Maricopa	Salt River Pima-Maricopa Indian Community
32	40137024	High School	4827 N. Country Club Drive	Scottsdale	Maricopa	Salt River Pima-Maricopa Indian Community
33	40137020	Senior Center	10844 E. Osborn Road	Scottsdale	Maricopa	Salt River Pima-Maricopa Indian Community
34	40135100	Fort McDowell	18791 Yuma Frank Road	Fort McDowell	Maricopa	Fort McDowell Indian Community

# Project Vicinity

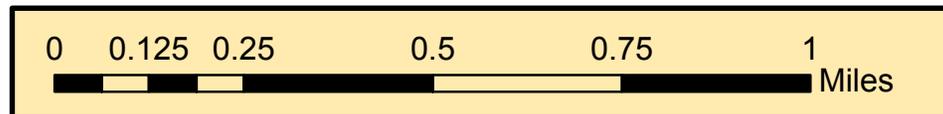


# Frye Road Protected Bike Lane Project



## Legend

-  Frye Road Protected Bike Lane Project
-  Existing Bike Lanes
-  Existing Shared Use Path



Attachment 3 - Photos





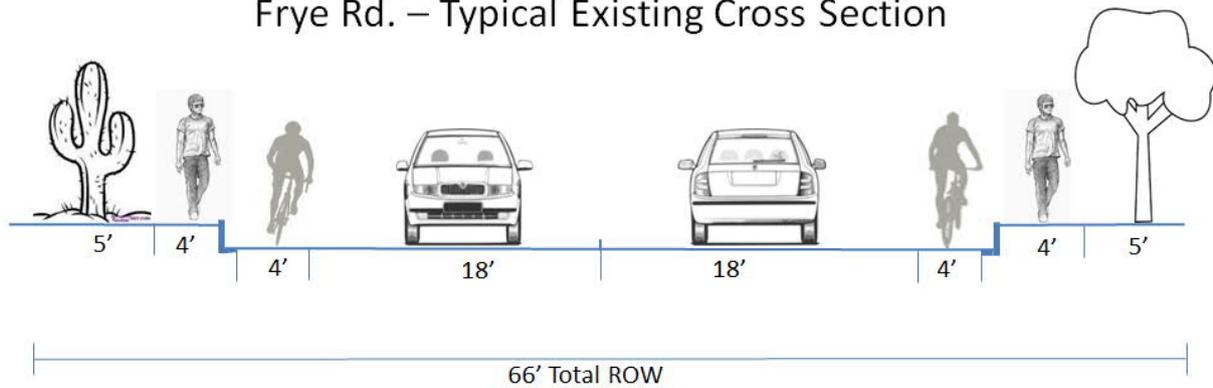
No bike lanes are present in the eastern portion of the corridor.



There are three Chandler Unified School District elementary schools located adjacent to the corridor, and several other schools within ¼ mile of the corridor.

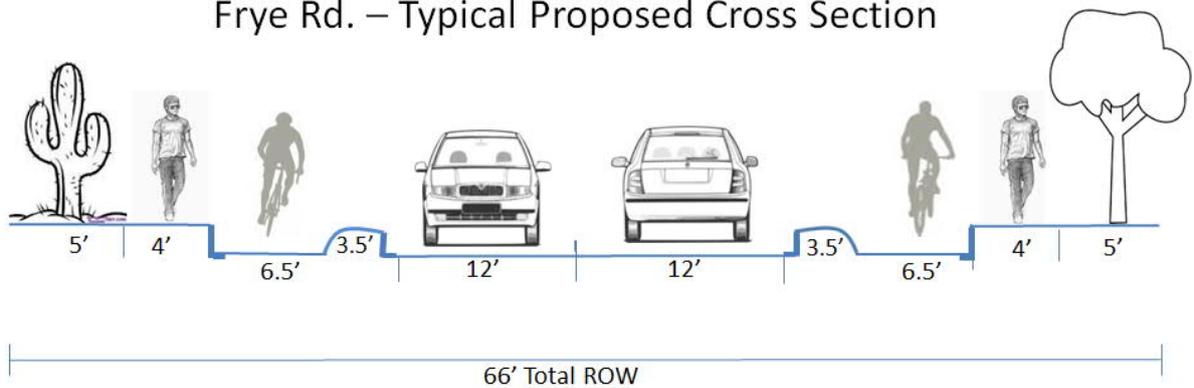
## Attachment 4: Cross sections

### Frye Rd. – Typical Existing Cross Section



Notes: ROW widths and lane widths vary some throughout the project area. Bike lane and sidewalk widths exclude curb and gutter (2' total on each side of road).

### Frye Rd. – Typical Proposed Cross Section



Notes: ROW widths and lane widths vary some throughout the project area. Sidewalk widths exclude curb. Vehicle lane width excludes gutter. Bike lane width includes gutter



**CHANDLER UNIFIED SCHOOL DISTRICT NO. 80**

James T. Perry Administration Center • 1525 West Frye Road • Chandler, AZ 85224  
(480) 812-7000 • FAX: (480) 224-9353

"Dedicated to Excellence"

**Camille Casteel, Ed.D., Superintendent**

August 14, 2019

Maricopa Association of Governments (MAG)  
Regional Active Transportation Committee  
302 N. 1<sup>st</sup> Avenue, Suite 300  
Phoenix Arizona 85003

RE: MAG CMAQ/ TA Grant Application  
City of Chandler – Frye Road Protected Bike Lane

Dear Review Committee:

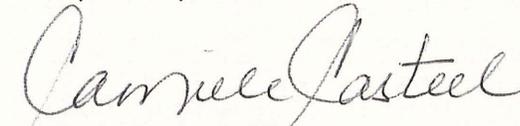
The Chandler Unified School District (CUSD) supports the City of Chandler grant request for Congestion Mitigation and Air Quality (CMAQ)/ Transportation Alternatives (TA) funding for the Frye Road Protected Bike Lane project.

The project is adjacent to five CUSD schools: San Marcos Elementary School, Frye Elementary School, Rudy G. Bologna Elementary School, Willis Jr. High School, and Ken "Chief" Hill Learning Academy. Adding a low-stress bicycle facility on Frye Road will provide safe, comfortable, and convenient access to these schools.

Currently, there are bike lanes on Frye Road, but these unprotected bike lanes adjacent to high speed traffic on Frye Road are not well suited for our students. Sidewalks on Frye Road are not wide enough to accommodate both bicycles and the crowd of pedestrians accessing our schools during drop-off and pick-up times. This proposed project will provide additional space and safety for students and families wishing to access our schools without utilizing an automobile.

Thank you for the opportunity to express our support for this project.

Respectfully,

  
Camille Casteel, Ed.D

---

Governing Board

Lara Bruner  
(480) 246-5343

David F. Evans  
(480) 269-2688

Lindsay Love  
(480) 420-8201

Karen M. McGee  
(480) 812-7600

Barbara Mozden  
(480) 497-5703



August 12, 2019

Maricopa Association of Governments (MAG)  
Regional Active Transportation Committee  
302 N. 1<sup>st</sup> Avenue, Suite 300  
Phoenix Arizona 85003

RE: MAG CMAQ/ TA Grant Application  
City of Chandler – Frye Road Protected Bike Lane

Dear Review Committee:

The Downtown Chandler Community Partnership (DCCP) supports the City of Chandler grant request for Congestion Mitigation and Air Quality (CMAQ)/ Transportation Alternatives (TA) funding for the Frye Road Protected Bike Lane project.

The project connects a key regional bike trail to the Downtown Chandler area via Frye Road. This new facility will provide enhanced access to Downtown Chandler for cyclists throughout the region as well as for Chandler residents that live in the vicinity of Frye Road.

The new protected bike lane will enable people to bicycle to Downtown Chandler that otherwise would not have considered bicycling in an unprotected bike lane. As Downtown Chandler continues to grow and get more congested, it will be important to provide alternative means to access the area. This project provides exactly the type of safe, comfortable, and convenient access that is needed in order for people to choose an alternative mode of travel to access Downtown Chandler.

Thank you for the opportunity to express our support for this project.

Sincerely,

**Mary**

Mary Murphy-Bessler  
Executive Director  
Downtown Chandler Community Partnership

Chandler : Frye Road Protected Bike Lanes

PART E - Budget and Signature Page								
Phase	Location Description	Work Description	Year to be Programmed	Funding Source	Federal Amount	Local Amount	Total	Local Share
Procurement	Frye Road: 1/2 mile west of Arizona Avenue to Paseo Trail	Protected Bike Lanes	2023	CMAQ	\$ 66,010	\$ 3,990	\$ 70,000	5.7%
Design, excludes ADOT review fees	Frye Road: 1/2 mile west of Arizona Avenue to Paseo Trail	Protected Bike Lanes	2022	Local	\$ -	\$ 395,000	\$ 395,000	100.0%
Construction	Frye Road: 1/2 mile west of Arizona Avenue to Paseo Trail	Protected Bike Lanes	2023	CMAQ	\$ 3,117,431	\$ 188,434	\$ 3,305,866	5.7%
<b>Total Programmed</b>					\$ 3,183,441	\$ 587,424	\$ 3,770,866	15.6%
ADOT Design Review Fee					\$ -	\$ 9,200	\$ 9,200	100.0%
<b>Total Cost</b>					\$ 3,183,441	\$ 596,624	\$ 3,780,066	15.8%
Signature: To be signed with printed hard copy that is sent to MAG								
As the jurisdiction's manager/administrator or designated representative, I certify that the information contained in this application is accurate and complete and that the local funds for this project will be included in the sponsoring MAG member agency's local current CIP/TIP or budget document if the project is selected for federal funding.								
Signature: 								
Name: Marsha Reed								
Title: City Manager								
Date: 