



Transportation Alternatives / CMAQ Application for  
FY 2018, 2019, and 2020 Projects

Varney Road Sidewalk Connection

CITY OF EL MIRAGE, ARIZONA

**APPLICATIONS ARE DUE AT MAG OFFICES BY  
Monday, September 21, 2015 at 10:00 a.m.**

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

**El Mirage: Varney Road Sidewalk Connection****PART A - CONTACT AND PROJECT DESCRIPTION****Contact Information**

1. Name of Sponsoring Agency	El Mirage
2. Agency Contact Name	Jose A. Macias
3. Phone Number of Agency Contact	(623)876-2996
4. E-Mail Address of Agency Contact	jmacias@cityofelmirage.org
5. Mailing Address of Agency Contact	City of El Mirage 12145 NW Grand Avenue El Mirage, Arizona 85335

**Project Description**

6. Please provide the Project Title.	Varney Road Sidewalk Connection
7. Please provide a concise, specific description of the project (250 character limit):	
<p>The project is an unfinished segment of sidewalk in the City's right-of-way along a collector street. The project will complete and connect an exiting sidewalk.</p>	
8. Please provide the project limits:	
<p>The project is less than a quarter of mile (1,126 ft.) west of El Mirage Road on Varney Road.</p>	

El Mirage : Varney Road Sidewalk Connection

**PART B-DETAILED PROJECT DESCRIPTION**

This part of the form identifies the current characteristics and proposed improvements for each project.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

NOTE: For Part B, Questions 14-20, the specified distance will vary (and update automatically) depending on the project type identified in Part B, Question 1. Pedestrian-only projects will use a distance of 1/4 mile, while bicycle and Shared-Use projects will use a distance of 1/2 mile.

1. Please select which funding source(s) this project is applying for. Check all that apply.

- Congestion Mitigation and Air Quality (CMAQ)
- Transportation Alternatives (TA)

2. What type of project is this? (Check all that apply)

- |  |   |
|--|---|
| <input type="checkbox"/> Bicycle Lane (4' min. w/o curb/gutter)  | <input type="checkbox"/> Shoulder paving is within 4-miles of a PM-10 Monitor |
| <input type="checkbox"/> Bicycle Lane (5' min. with curb/gutter) | <input type="checkbox"/> Wide Sidewalk (8' min.)                              |
| <input type="checkbox"/> Buffered Bike Lane                      | <input type="checkbox"/> Detached Sidewalk with 4' min. buffer                |
| <input type="checkbox"/> Protected Bike Lane                     | <input type="checkbox"/> Signalized Crossing                                  |
| <input type="checkbox"/> Shared-use path (10' min.)              | Other:  |
| <input checked="" type="checkbox"/> Sidewalk (5' min.)           | <input style="width: 400px; height: 20px;" type="text"/>                      |
| <input type="checkbox"/> Planning Study                          |   |

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

- |  |   |
|--|---|
| <input type="checkbox"/> Bridge (overpass)                 | Other:  |
| <input type="checkbox"/> Tunnel (underpass)                | <input style="width: 400px; height: 20px; border: 1px solid black;" type="text" value="N/A"/> |
| <input type="checkbox"/> Signalized midblock crossing/HAWK |   |
| <input type="checkbox"/> Countdown Pedestrian Signal       |   |

4. What amenities are included in this project?

- |   |   |
|---|---|
| <input type="checkbox"/> Number of Bike racks/lockers           | <input type="checkbox"/> Number of Seating/Rest Area(s)   |
| <input type="checkbox"/> Number of Drinking Fountains           | <input type="checkbox"/> Number of bicycle/pedestrian counting devices  |
| <input type="checkbox"/> Number of Way-finding Signs            | <input type="checkbox"/> Number of bicycle/pedestrian counting devices  |
| <input type="checkbox"/> Number of Trash receptacles            | Other:  |
| <input type="checkbox"/> Number of Trees                        | <input style="width: 400px; height: 20px; border: 1px solid black;" type="text" value="five (5) foot wide sidewalk"/> |
| <input type="checkbox"/> Number of new openings in street walls |   |
| <input type="checkbox"/> Number of Shade Structures             |   |

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

The current site is a street with curb and gutter with no sidewalk in existing right-of-way, with a dirt surface and utilities vaults, fire hydrants, water outfall scupper, creating a no ADA accessible route.

El Mirage : Varney Road Sidewalk Connection

**PART B-DETAILED PROJECT DESCRIPTION**

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

The work being done will be a new section of sidewalk five (5) feet wide and landscape rock along an existing curb and gutter.

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

This project will complete the connection of the City's sidewalk network on a collector street between two major arterials and create a safe route to school for the local residents.

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

Paved surface

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

- Yes
- No

Please Explain:

This project will provide a safe and ADA compliant route

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

The project will provide a safe surface for walking, running off the local street making it ADA compliant.

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

The project will provide a safe paved surface for persons with disabilities.

## El Mirage : Varney Road Sidewalk Connection

## PART B-DETAILED PROJECT DESCRIPTION

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

The project will complete the City's sidewalk network from the local neighborhoods to the nearby elementary, high school, parks and other amenities. It will provide an ADA compliant sidewalk, and prevent pedestrians from walking on an uneven, unpaved surface avoiding injury.

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

The project will give a sense of completion and safety.

14. Connectivity: (Check all that apply)

Project fills a gap in the system

Explain:

The project will connect and complete the sidewalk on an existing right-of-way.

Project connects to other local bikeways

List of connected bikeways:

N/A

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

List of Participating Jurisdictions:

N/A

0.25 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.

0 Within 1/4 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.

0 Within 1/4 mile

List routes and frequency:

N/A

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

0 Within 1/4 mile

List:

N/A

## El Mirage : Varney Road Sidewalk Connection

## PART B-DETAILED PROJECT DESCRIPTION

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

3 Within 1/4 mile

List:

City park, neighborhood pocket parks and golf course.

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):

0 Within 1/4 mile

List:

N/A

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

0 Within 1/4 mile

List:

N/A

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

1 Within 1/4 mile

List:

Church of God in Christ Mennonite Charter School

22. Number of activity centers for air quality cost effectiveness (i.e. bank, church, hospital, health care facility, light rail station, park-and-ride lot, office park, post office, public library, shopping area, grocery store, university or junior college):

5 Within 1/4 miles

List:

Seventh-Day Advent Church, Jehovah's Witness Church, Church of God Christ Mennonite, golf course and a city park.

5 1/4 miles to 1/2 miles

List:

Dysart Elementry School and Dysart High School and a shopping center ( gas station, food mart, car wash and Subway)

## El Mirage : Varney Road Sidewalk Connection

## 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:

Varney Road Sideway Connection, starting point at the northwest corner of El Mirage Road and Varney Road, ending 1,126 feet west of said intersection.

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

N/A

Federal Functional Classification of the Facility:

Major Collector

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

Type of Facility the Improvement will be located on:

Collector Road

Length (in Miles)

Posted Speed Limit (MPH)

Number of Travel Lanes Before Project

Number of Travel Lanes After Project

## El Mirage : Varney Road Sidewalk Connection

## 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

El Mirage : Varney Road Sidewalk Connection

**PART B-DETAILED PROJECT DESCRIPTION**

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

<input type="checkbox"/>	No Utility in or abutting the alignment	<input checked="" type="checkbox"/>	Private Structures
<input 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.

a large utility box to be removed with the El Mirage Road Improvement Project.

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

<input type="checkbox"/>	AASHTO Guide for Bicycle Facilities	Other: <input type="text"/>
<input type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	
<input checked="" type="checkbox"/>	MAG Complete Streets Guide	
<input type="checkbox"/>	MAG Designing Transit Accessible Communities	
<input 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="Recommended"/>
With new development and capital improvement projects, bike lanes on collector streets are:	<input type="text" value="Recommended"/>
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="Recommended"/>
Bicycle program implemented, including bike education, safety events, and bike maps	<input type="text" value="Yes"/>
Complete Streets Policy	<input type="text" value="Yes"/>

34. The project is: (Check one)

<input type="checkbox"/>	Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source)
	List: <input type="text"/>
<input checked="" type="checkbox"/>	Consistent with general policy/practices, but not formally identified (provide source)
	Explain: <input type="text" value="Street Improvement project"/>
<input type="checkbox"/>	Not addressed by jurisdiction's plans, policies, or practices
	Explain: <input type="text"/>

## El Mirage : Varney Road Sidewalk Connection

## PART B-DETAILED PROJECT DESCRIPTION

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

The City will measure the success of the project by providing a safe ADA compliant path for it's residence.

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 City will use bike counters provided by MAG to collect the 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.

No.

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

No.

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

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

Sponsoring Agency:		Project Title:		Application Date:							
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	\$2,500.00	\$2,500.00	No	\$0.00	\$2,500.00			
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1		\$0.00	No	\$0.00	\$0.00			
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)	LS	1	\$2,500.00	\$2,500.00	No	\$0.00	\$2,500.00			
	4. HAZMAT ASSESSMENT	LS	1		\$0.00	No	\$0.00	\$0.00			
	<b>Subtotal Scoping (Part A)</b>				<b>\$5,000.00</b>		<b>\$0.00</b>	<b>\$5,000.00</b>			
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$15,000.00	\$15,000.00	No	\$0.00	\$15,000.00			
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1		\$0.00	No	\$0.00	\$0.00			
	3. DRAINAGE REPORT	LS	1		\$0.00	No	\$0.00	\$0.00			
	4. SWPPP	LS	1	\$2,500.00	\$2,500.00	No	\$0.00	\$2,500.00			
	<b>Subtotal PE (Part B)</b>				<b>\$17,500.00</b>		<b>\$0.00</b>	<b>\$17,500.00</b>			
<b>Subtotal Preliminary Engineering (Part A + Part B)</b>					<b>\$22,500.00</b>		<b>\$0.00</b>	<b>\$22,500.00</b>			
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition	LS	1		\$0.00	No	\$0.00	\$0.00			
<b>Subtotal Right-of-Way Acquisition (Part C)</b>					<b>\$0.00</b>		<b>\$0.00</b>	<b>\$0.00</b>			
D. Utility Relocation	1. Utility Relocation	LS	1		\$0.00	No	\$0.00	\$0.00			
<b>Subtotal Utility Relocation (Part D)</b>					<b>\$0.00</b>		<b>\$0.00</b>	<b>\$0.00</b>			
E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	1. Hardscape Construction	Installation Of SWPP Measures		LS	1	\$1,500.00	\$1,500.00	Yes	\$1,414.50	\$85.50	
		Site Preparation		LS	1	\$2,000.00	\$2,000.00	Yes	\$1,886.00	\$114.00	
		Demolition	Sawcut		LF	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Structures and Obstructions		LS	1	\$2,500.00	\$2,500.00	Yes	\$2,357.50	\$142.50
			Remove Fencing		LF	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Structural Concrete		CY	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Asphaltic Concrete Pavement		CY	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Concrete Sidewalks, Slabs		CY	1		\$0.00	Yes	\$0.00	\$0.00
		Hazmat Abatement		LS	1		\$0.00	Yes	\$0.00	\$0.00	
		Retaining Wall - Reinforced Concrete Cantilevered		SF	40	\$50.00	\$2,000.00	Yes	\$1,886.00	\$114.00	
		Earthwork	General Excavation		CY	1		\$0.00	Yes	\$0.00	\$0.00
			Drainage Excavation		CY	1		\$0.00	Yes	\$0.00	\$0.00
			Structural Excavation		CY	1		\$0.00	Yes	\$0.00	\$0.00
			Structural Backfill		CY	1		\$0.00	Yes	\$0.00	\$0.00
			Borrow (In Place)		CY	110	\$10.00	\$1,100.00	Yes	\$1,037.30	\$62.70
		Curb & Gutter		LF	1		\$0.00	Yes	\$0.00	\$0.00	
		Aggregate Base		CY	110	\$31.00	\$3,410.00	Yes	\$3,215.63	\$194.37	
		Pathway Or Sidewalk Materials	Concrete		SF	5,750	\$7.00	\$40,250.00	Yes	\$37,955.75	\$2,294.25
			Colored Concrete		SF	1		\$0.00	Yes	\$0.00	\$0.00
			Stamped Color Concrete		SF	1		\$0.00	Yes	\$0.00	\$0.00
			Precast Concrete Pavers		SF	1		\$0.00	Yes	\$0.00	\$0.00
			Asphaltic Concrete		Ton	1		\$0.00	Yes	\$0.00	\$0.00
			Polymer or Resin Stabilized Surface		SF	1		\$0.00	Yes	\$0.00	\$0.00
		Crosswalk Enhancement	Concrete Pavers		SF	1		\$0.00	Yes	\$0.00	\$0.00
			Stamped Asphalt		SF	1		\$0.00	Yes	\$0.00	\$0.00
			Stamped Concrete		SF	1		\$0.00	Yes	\$0.00	\$0.00
			Concrete		SF	1		\$0.00	Yes	\$0.00	\$0.00
		Integral Color Concrete		SF	1		\$0.00	Yes	\$0.00	\$0.00	
		Pedestrian ADA Ramp		SF	1		\$0.00	Yes	\$0.00	\$0.00	
		Culvert Extensions		LF	1		\$0.00	Yes	\$0.00	\$0.00	
Pedestrian Lighting Including Conduit And Trenching		Each	1		\$0.00	Yes	\$0.00	\$0.00			
Handrail	Standard		LF	20	\$50.00	\$1,000.00	Yes	\$943.00	\$57.00		
	Decorative		LF	1		\$0.00	Yes	\$0.00	\$0.00		
<b>Subtotal Hardscape Construction</b>					<b>\$53,760.00</b>		<b>\$50,695.68</b>	<b>\$3,064.32</b>			

El Mirage: Varney Road Sidewalk Connection

**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>		<b>Project Title:</b>		<b>Application Date:</b>	
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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	1		\$0.00	Yes	\$0.00	\$0.00	
		Trees (15 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00	
		Trees (5 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00	
		Shrubs (5 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00	
		Shrubs (1 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00	
		Cactus (5 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00	
		Mulch	Decomposed Granite	CY	1		\$0	Yes	\$0	\$0
			Organic	CY	1		\$0	Yes	\$0	\$0
		Topsoil		CY	1		\$0	Yes	\$0	\$0
		Seeding		Acre	1		\$0	Yes	\$0	\$0
		Turf Sod		SY	1		\$0	Yes	\$0	\$0
		Boulders		Each	1		\$0	Yes	\$0	\$0
		Irrigation System	Drip	SF	1		\$0	Yes	\$0	\$0
			Turf	SF	1		\$0	Yes	\$0	\$0
		Sleeving For Irrigation System	Directional Bore	LF	1		\$0	Yes	\$0	\$0
	Cut and Patch		LF	1		\$0	Yes	\$0	\$0	
	Landscape Header Curb		LF	1		\$0	Yes	\$0	\$0	
	Landscape Establishment		LS	1		\$0	Yes	\$0	\$0	
	<b>Subtotal Landscaping &amp; Irrigation Items</b>					\$0		\$0	\$0	
	3. Site Furnishings	Benches	Each	1		\$0	Yes	\$0	\$0	
		Seatwalls	LF	1		\$0	Yes	\$0	\$0	
		Bike Racks	Each	1		\$0	Yes	\$0	\$0	
		Trash Receptacles	Each	1		\$0	Yes	\$0	\$0	
		Drinking Fountains	Each	1		\$0	Yes	\$0	\$0	
		Signage (Standard Traffic Control)	Each	1		\$0	Yes	\$0	\$0	
		Signage (Wayfinding)	Each	1		\$0	Yes	\$0	\$0	
		Tree Grates	Each	1		\$0	Yes	\$0	\$0	
		<b>Subtotal Site Furnishings</b>					\$0		\$0	\$0
		4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)	Bicycle and Pedestrian Counter	Each	1		\$0	Yes	\$0	\$0
	Adjust Existing Water Valve Box & Cover, COEM DTL 393		Each	1	\$1,400	\$1,400	Yes	\$1,320	\$80	
	Adjust Existing sanitary Sewer Manhole Frame and Cover, DTL 422		Each	1	\$1,500	\$1,500	Yes	\$1,415	\$86	
	Fire Hydrant Assembly w/ Gate Valve, Box & Cover		Each	1	\$3,500	\$3,500	Yes	\$3,301	\$200	
					1		\$0	Yes	\$0	\$0
					1		\$0	Yes	\$0	\$0
					1		\$0	Yes	\$0	\$0
					1		\$0	Yes	\$0	\$0
					1		\$0	Yes	\$0	\$0
	<b>Subtotal Other Construction</b>					\$6,400		\$6,035	\$365	
	5. Mobilization And Administration Costs	Contractor Mobilization	LS	1	\$5,000	\$5,000	Yes	\$4,715	\$285	
		Traffic Control	LS	1	\$2,000	\$2,000	Yes	\$1,886	\$114	
		Construction Survey & Layout	LS	1	\$2,500	\$2,500	Yes	\$2,358	\$143	
		Construction Contingencies	LS	1	\$16,000	\$16,000	Yes	\$15,088	\$912	
		Construction Administration	LS	1	\$25,000	\$25,000	Yes	\$23,575	\$1,425	
	<b>Subtotal Mobilization &amp; Administration Costs</b>					\$50,500		\$47,622	\$2,879	
	<b>Subtotal Construction Or Implementation Cost (Part E)</b>					\$110,660		\$104,352	\$6,308	
<b>F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)</b>							\$133,160	\$104,352	\$28,808	
<b>G. Adot Fee Review Fee - \$10,000 for Certified Accepted agencies, otherwise \$30,0000</b>							\$30,000	No	\$0	\$30,000
<b>H. Total Project Cost Including ADOT Fees (Part F + Part G)</b>							\$163,160	\$104,352	\$58,808	

El Mirage: Varney Road Sidewalk Connection

**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	\$22,500	
3. Right of way	\$0	
4. Utilities	\$0	
5. Construction	\$110,660	
6. Contingency	\$16,000	No more than 20% of Construction Cost
7. Total Cost	\$163,160	

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)	2017	Prepare Construction documents for Varney Road Sidewalk	General Fund	\$22,500	Not Available	\$22,500	100.0%
12. Right of way (Optional)		None		\$0	Not Available	\$0	
13. Utilities (Optional)		None		\$0	Not Available	\$0	
14. Other (Optional)		ADOT Review Fee	General Fund	\$30,000	Not Available	\$30,000	100.0%
15. Construction	2018	Construct Varney Road Sidewalk	General Fund	\$6,308	\$104,352	\$110,660	5.7%
16. Total Costs				\$58,808	\$104,352	\$163,160	36.0%

## El Mirage: Varney Road Sidewalk Connection

**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.	No
<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	No
Part D - Utility Relocation is complete	No
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:	Jorge Gastelum
Title:	Director of Development & Community Services / City Engineer
Date:	9/21/2015

Item 1, Regional Map



Item 2, Street Map



Current Condition Photos





Unfinished sidewalk



West end of project

Item 4, Cross Section Diagram

