



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

Old West Highway Sidewalk Installation

City of Apache Junction

**APPLICATIONS ARE DUE AT MAG OFFICES BY
Monday, September 25, 2017 at 10:00 a.m.**

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

Apache Junction: Old West Highway Sidewalk Installation

PART A - CONTACT AND PROJECT DESCRIPTION	
Contact Information	
1. Name of Sponsoring Agency	Apache Junction
2. Agency Contact Name	Mike Wever
3. Phone Number of Agency Contact	480-474-8513
4. E-Mail Address of Agency Contact	mwever@ajcity.net
5. Mailing Address of Agency Contact	300 East Superstition Blvd. Apache Junction, Arizona 85119
Project Description	
6. Please provide the Project Title.	Old West Highway Sidewalk Installation
7. Please provide a concise, specific description of the project (250 character limit):	
<p>Installation of sidewalk, curb & gutter on the west and east sides of Old West Highway from Idaho Road to Goldfield Road; and sidewalk, curb & gutter on the west side of Winchester Road from Old West Highway to the 6th Street alignment.</p>	
8. Please provide the project limits:	
<p>The project will take place on Old West Highway between Idaho and Goldfield Roads and Winchester from Old West Highway to the 6th Street alignment.</p>	

Apache Junction : Old West Highway Sidewalk Installation

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 checked="" 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 type="text" value="curb & gutter"/> |
| <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" value="none"/> |
| <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="text" value="4"/> 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 type="text"/> |
| <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.

Old West Highway, a former US60 Highway, is an arterial roadway with two lanes heading in each direction separated by a 60' median. This roadway has an ADT of over 2,000 vehicles. Designated as the US90 Bike Path, Old West Highway is currently striped for bicycle traffic. Residential and commercial development along this roadway has required the installation of sidewalks by the developers. However there are large gaps which restrict access and require connectivity. Similarly, Winchester Road has a large sidewalk gap adjacent to the Central Arizona College. This gap prevents pedestrians from safely accessing the college and neighboring residential area. The installation of sidewalks in this area will provide for increased access, connectivity, and improved safety.

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PART B-DETAILED PROJECT DESCRIPTION

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

The City of Apache Junction proposes to install 5' detached sidewalks, curb & gutter along Old West Highway from Idaho to Goldfield Roads and on Winchester from Old West Highway to the 6th Street alignment.

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

Providing connectivity and increasing access through walking and biking is a top priority for the City of Apache Junction. The city has taken steps over recent years to increase the walkability and bikeability of our community through infrastructure improvements and planning processes. The city was recently awarded funding to complete an Active Transportation Plan through MAG. Old West Highway is a minor arterial road with community amenities, educational facilities and employment/commercial centers where access is essential to daily living. The installation of sidewalks in this area will provide for increased access, connectivity, and improved safety.

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

curb and gutter, detached sidewalk

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

- Yes
- No

Please Explain:

Information will be shared with the public through a public information campaign and at neighborhood meetings.

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

The installation of sidewalks in this area will provide for greater access, connectivity, and improved safety especially for persons with disabilities. Adding the curb & gutter will act as a buffer from the roadway and bike lane. There are existing dirt shoulders which, once paved, will provide for a safe ADA Accessible route for residents. In a 2002 study conducted by UNC Highway Safety for the Federal Highway Administration, areas with sidewalks are 88.2% less likely to be a crash site than areas without sidewalks taking into account traffic volume and speed. To which Old West Highway is 45 miles per hour zone.

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

ADA compliant sidewalks will provide improved access for persons with disabilities to area amenities, employment, medical care, education, and commercial centers and will fill existing gaps in connectivity of the sidewalks.

Apache Junction : Old West Highway Sidewalk Installation

PART B-DETAILED PROJECT DESCRIPTION

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

This largely residential area attracts many pedestrians due to the area amenities which include Central Arizona College, shopping, and religious institutions. By installing sidewalks, gaps will be filled and provide for greater access, connectivity and improved safety.

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

Old West Highway feeds into the city's downtown center. The downtown area has developed since 2010 to create a sense of place and improve access to this area. Walkability and bikability helps to create a more desirable place to live, work and play.

14. Connectivity: (Check all that apply)

Project fills a gap in the system
Explain:

Sidewalks begin just east of Idaho Road but have several gaps.

Project connects to other local bikeways
List of connected bikeways:

There are bike paths on Old West Highway.

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

24 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:

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

0 Within 1/4 mile
List:

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PART B-DETAILED PROJECT DESCRIPTION

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

Within 1/4 mile

List:

Central Arizona College, churches (4)

19. Number of commercial and employment destinations (malls, retail centers, business parks, etc.) this project will benefit (for example, a mall is ONE destination; do NOT count every store in a mall as a separate destination):

Within 1/4 mile

List:

Fry's Shopping Center (old and new), Central Arizona College

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

Within 1/4 mile

List:

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

Within 1/4 mile

List:

Central Arizona College

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

Within 1/4 miles

List:

Grocery shopping center (2), churches (4)

1/4 miles to 1/2 miles

List:

community park, bank

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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:

Old West Highway beginning at Idaho Road (0 address block) to Goldfield Rd (3200 E address block) and Winchester Rd beginning at Old West Highway (500 S address block) to the 6th St. alignment (600 S block)

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

not applicable

Federal Functional Classification of the Facility:

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

Type of Facility the Improvement will be located on:

Length (in Miles)

Posted Speed Limit (MPH)

Number of Travel Lanes Before Project

Number of Travel Lanes After Project

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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

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PART B-DETAILED PROJECT DESCRIPTION

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

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

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

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

<input checked="" type="checkbox"/>	AASHTO Guide for Bicycle Facilities	<input type="text" value="Other:
City of Apache Junction and MAG construction guidelines."/>
<input checked="" type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	
<input type="checkbox"/>	MAG Complete Streets Guide	
<input type="checkbox"/>	MAG Designing Transit Accessible Communities	
<input type="checkbox"/>	MAG Valley Path Brand & Wayfinding Signage Guidelines	
<input type="checkbox"/>	NACTO Urban Bikeway Design Guide	
<input type="checkbox"/>	RPTA Bus Stop Program and Standards	

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

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

34. The project is: (Check one)

<input checked="" type="checkbox"/>	Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source)
	List: <input type="text" value="Comprehensive Transportation Study 2012, General Plan 2010"/>
<input type="checkbox"/>	Consistent with general policy/practices, but not formally identified (provide source)
	Explain: <input type="text"/>
<input type="checkbox"/>	Not addressed by jurisdiction's plans, policies, or practices
	Explain: <input type="text"/>

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PART B-DETAILED PROJECT DESCRIPTION

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

Success will be measured by the increase in pedestrian traffic as demonstrated by the counters, receipt of community input, and safety information shared with the community.

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?

Automatic counters will be installed on each side of the roadway.

37. Will the project include an education/marketing component upon completion of construction, to publicize the project and increase citizen awareness of the project impact and benefits? If yes, please describe below.

Yes, the City of Apache Junction will host public meetings and complete a public campaign to advise the public of the installation of the sidewalks in this area to include safety information for pedestrians. Additional safety signage will be installed advising vehicles of pedestrian traffic.

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

No

Part C - Required Attachments
<p>Listed below are the required attachments for this project application. These attachments are intended to demonstrate the need of the project. They should clearly show the segment alignment and features that connect to other bicycle, pedestrian, and/or shared-use facilities, as well as washes, canals, railroad crossings, and other crossing features that may affect the project.</p> <p><u>PLEASE INCLUDE EACH ATTACHMENT AS A SEPARATE .JPEG OR .PDF FILE ON YOUR APPLICATION CD.</u></p> <p>Please insert ALL attachments at the end of your printed application, in the order they are listed below. See below for alternate submission requirements for GIS coverage files.</p>
Required Attachments:
<p>1) Please attach a map showing the general location of the proposed project in relation to the region, including a north arrow.</p>
<p>2) Please attach a map with streets labeled showing the detailed location(s) of the proposed project, including a north arrow.</p>
<p>3) Please attach up to four photos indicating existing conditions in the project area (two 4x6 photos per page).</p>
<p>4) Please attach a simple diagram of the current typical cross section of the segment, that shows the right of way limits, widths, sidewalks and shoulders (if any), and the lanes of travel.</p>
OPTIONAL Attachments:
<p>(OPTIONAL) Attach up to two photos showing what the completed project will look like, if available (these can be photoshop, renderings, etc.).</p>
<p>(OPTIONAL) Attach up to three (3) letters of support for the project.</p>
<p>(OPTIONAL) If the applicant will be providing a GIS coverage (shapefile or geodatabase), please see the tab labeled "GIS Transmittal Instructions"</p>

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

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

Sponsoring Agency:	City of Apache Junction	Project Title:	Old West Highway Sidewalk Installation	Application Date:	9/25/2017
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)		
A. Scoping (15% Preliminary Engineering Design)	1. SITE TOPOGRAPHIC SURVEY	LS	1	\$25,000.00	\$25,000.00	No	\$0.00	\$25,000.00			
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$15,000.00	\$15,000.00	No	\$0.00	\$15,000.00			
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)	LS	1	\$18,000.00	\$18,000.00	No	\$0.00	\$18,000.00			
	4. HAZMAT ASSESSMENT	LS	1	\$10,000.00	\$10,000.00	No	\$0.00	\$10,000.00			
	Subtotal Scoping (Part A)				\$68,000.00		\$0.00	\$68,000.00			
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$150,000.00	\$150,000.00	No	\$0.00	\$150,000.00			
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$12,000.00	\$12,000.00	No	\$0.00	\$12,000.00			
	3. DRAINAGE REPORT	LS	1	\$10,000.00	\$10,000.00	No	\$0.00	\$10,000.00			
	4. SWPPP	LS	1	\$8,000.00	\$8,000.00	No	\$0.00	\$8,000.00			
	Subtotal PE (Part B)				\$180,000.00		\$0.00	\$180,000.00			
Subtotal Preliminary Engineering (Part A + Part B)					\$248,000.00		\$0.00	\$248,000.00			
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition	LS	1	\$0.00	\$0.00	No	\$0.00	\$0.00			
Subtotal Right-of-Way Acquisition (Part C)					\$0.00		\$0.00	\$0.00			
D. Utility Relocation	1. Utility Relocation	LS	1	\$0.00	\$0.00	No	\$0.00	\$0.00			
Subtotal Utility Relocation (Part D)					\$0.00		\$0.00	\$0.00			
E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	1. Hardscape Construction	Installation Of SWPP Measures		LS	1	\$5,000.00	\$5,000.00	Yes	\$4,715.00	\$285.00	
		Site Preparation		LS	1	\$10,000.00	\$10,000.00	Yes	\$9,430.00	\$570.00	
		Demolition	Sawcut		LF	26,400	\$1.00	\$26,400.00	Yes	\$24,895.20	\$1,504.80
			Remove Structures and Obstructions		LS	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Remove Fencing		LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Remove Structural Concrete		CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Remove Asphaltic Concrete Pavement		CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Remove Concrete Sidewalks, Slabs		CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Hazmat Abatement		LS	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Retaining Wall - Reinforced Concrete Cantilevered		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Earthwork	General Excavation		CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Drainage Excavation		CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Structural Excavation		CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Structural Backfill		CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Borrow (In Place)		CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Curb & Gutter		LF	26,400	\$12.00	\$316,800.00	Yes	\$298,742.40	\$18,057.60	
		Aggregate Base		CY	3,911	\$30.00	\$117,330.00	Yes	\$110,642.19	\$6,687.81	
		Pathway Or Sidewalk Materials	Concrete		SF	139,925	\$4.00	\$559,700.00	Yes	\$527,797.10	\$31,902.90
			Colored Concrete		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Stamped Color Concrete		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Precast Concrete Pavers		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Asphaltic Concrete		Ton	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Polymer or Resin Stabilized Surface		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
Crosswalk Enhancement	Concrete Pavers		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
	Stamped Asphalt		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
	Stamped Concrete		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
	Concrete		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
	Integral Color Concrete		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
Pedestrian ADA Ramp		SF	4	\$3,000.00	\$12,000.00	Yes	\$11,316.00	\$684.00			
Culvert Extensions		LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00			
Pedestrian Lighting Including Conduit And Trenching		Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00			

Apache Junction: Old West Highway Sidewalk Installation

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:	City of Apache Junction	Project Title:	Old West Highway Sidewalk Installation	Application Date:	9/25/2017
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
	Handrail	Standard	LF	1	\$0.00	Yes	\$0.00	\$0.00	
		Decorative	LF	1	\$0.00	Yes	\$0.00	\$0.00	
	Subtotal Hardscape Construction				\$1,047,230.00		\$987,537.89	\$59,692.11	

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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)	
E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	2. Landscaping & Irrigation Items	Requirements	Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Trees (15 Gallon Size)	Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Trees (5 Gallon Size)	Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Shrubs (5 Gallon Size)	Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Shrubs (1 Gallon Size)	Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Cactus (5 Gallon Size)	Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Mulch	Decomposed Granite	CY	1	\$0	\$0	Yes	\$0	\$0
			Organic	CY	1	\$0	\$0	Yes	\$0	\$0
		Topsoil		CY	1	\$0	\$0	Yes	\$0	\$0
		Seeding		Acre	1	\$0	\$0	Yes	\$0	\$0
		Turf Sod		SY	1	\$0	\$0	Yes	\$0	\$0
		Boulders		Each	1	\$0	\$0	Yes	\$0	\$0
		Irrigation System	Drip	SF	1	\$0	\$0	Yes	\$0	\$0
			Turf	SF	1	\$0	\$0	Yes	\$0	\$0
		Sleeving For Irrigation System	Directional Bore	LF	1	\$0	\$0	Yes	\$0	\$0
	Cut and Patch		LF	1	\$0	\$0	Yes	\$0	\$0	
	Landscape Header Curb		LF	1	\$0	\$0	Yes	\$0	\$0	
	Landscape Establishment		LS	1	\$0	\$0	Yes	\$0	\$0	
	Subtotal Landscaping & Irrigation Items					\$0		\$0	\$0	
	3. Site Furnishings	Benches	Each	1	\$0	\$0	Yes	\$0	\$0	
		Seatwalls	LF	1	\$0	\$0	Yes	\$0	\$0	
		Bike Racks	Each	1	\$0	\$0	Yes	\$0	\$0	
		Trash Receptacles	Each	1	\$0	\$0	Yes	\$0	\$0	
		Drinking Fountains	Each	1	\$0	\$0	Yes	\$0	\$0	
		Signage (Standard Traffic Control)	Each	1	\$0	\$0	Yes	\$0	\$0	
		Signage (Wayfinding)	Each	1	\$0	\$0	Yes	\$0	\$0	
		Tree Grates	Each	1	\$0	\$0	Yes	\$0	\$0	
		Subtotal Site Furnishings					\$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	6	\$0	\$0	Yes	\$0	\$0	
				1		\$0	Yes	\$0	\$0	
				1		\$0	Yes	\$0	\$0	
				1		\$0	Yes	\$0	\$0	
				1		\$0	Yes	\$0	\$0	
				1		\$0	Yes	\$0	\$0	
				1		\$0	Yes	\$0	\$0	
			1		\$0	Yes	\$0	\$0		
Subtotal Other Construction					\$0		\$0	\$0		
5. Mobilization And Administration Costs	Contractor Mobilization	LS	1	\$104,723	\$104,723	Yes	\$98,754	\$5,969		
	Traffic Control	LS	1	\$83,778	\$83,778	Yes	\$79,003	\$4,775		
	Construction Survey & Layout	LS	1	\$52,362	\$52,362	Yes	\$49,377	\$2,985		
	Construction Contingencies	LS	1	\$157,085	\$157,085	Yes	\$148,131	\$8,954		
	Construction Administration	LS	1	\$104,723	\$104,723	Yes	\$98,754	\$5,969		
Subtotal Mobilization & Administration Costs					\$502,671		\$474,019	\$28,652		
Subtotal Construction Or Implementation Cost (Part E)					\$1,549,901		\$1,461,557	\$88,344		
F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)					\$1,797,901		\$1,461,557	\$336,344		

Apache Junction: Old West Highway Sidewalk Installation

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:		City of Apache Junction	Project Title:		Old West Highway Sidewalk Installation	Application Date:		9/25/2017					
Part	Item Description					Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
G.	Adot Fee Review Fee - \$10,000 for Certified Accepted agencies, otherwise \$30,0000								\$30,000	No	\$0	\$30,000	
H.	Total Project Cost Including ADOT Fees (Part F + Part G)								\$1,827,901		\$1,461,557	\$366,344	

Apache Junction: Old West Highway Sidewalk Installation

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	\$248,000	
3. Right of way	\$0	
4. Utilities	\$0	
5. Construction	\$1,392,816	
6. Contingency	\$157,085	No more than 20% of Construction Cost
7. Total Cost	\$1,827,901	

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

9. Expected Annual Maintenance Cost 7,200

10. Identify Source of Maintenance Funds HURF

Requested MAG Programming	Year	Short Work Description (E.g. Construct Multiuse Path)	Local Funding Source	Local Cost	Federal Cost	Total Cost	Local Share
11. Design (Optional)	2019	Design	General Fund	\$248,000	Not Available	\$248,000	100.0%
12. Right of way (Optional)				\$0	Not Available	\$0	
13. Utilities (Optional)				\$0	Not Available	\$0	
14. Other (Optional)		ADOT construction fees		\$30,000	Not Available	\$30,000	100.0%
15. Construction	2022	Construct sidewalks	HURF	\$88,344	\$1,461,557	\$1,549,901	5.7%
16. Total Costs				\$366,344	\$1,461,557	\$1,827,901	20.0%

Apache Junction: Old West Highway Sidewalk Installation

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.

	Complete?
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.	Yes
(OPTIONAL) - Up to three (3) letters of support for the project are provided in the printed application and the PDF application.	Yes
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	Yes
PART D - Cost Estimate Worksheet	Complete?
Sponsoring Agency, Project Title, and Application Date are complete	Yes
Part A - Scoping is complete	Yes
Part B - Final Preliminary Engineering Design is complete	Yes
Part C - Right-of-Way Acquisition is complete	Yes
Part D - Utility Relocation is complete	Yes
Part E - Construction or Implementation is complete	Yes
Parts F, G, and H - Costs are complete and accurate	Yes
PART E - Total Project Schedule and Budget Including All Segment Fields	Complete?
Fields 1 – 7 are complete and costs are accurate	Yes
Field 8 - 10 are complete	Yes
Fields 11 – 15 Years are complete	Yes
Fields 11 – 15 Local Funding Sources are complete	Yes
Fields 11 – 15 Local Costs are complete and accurate	Yes

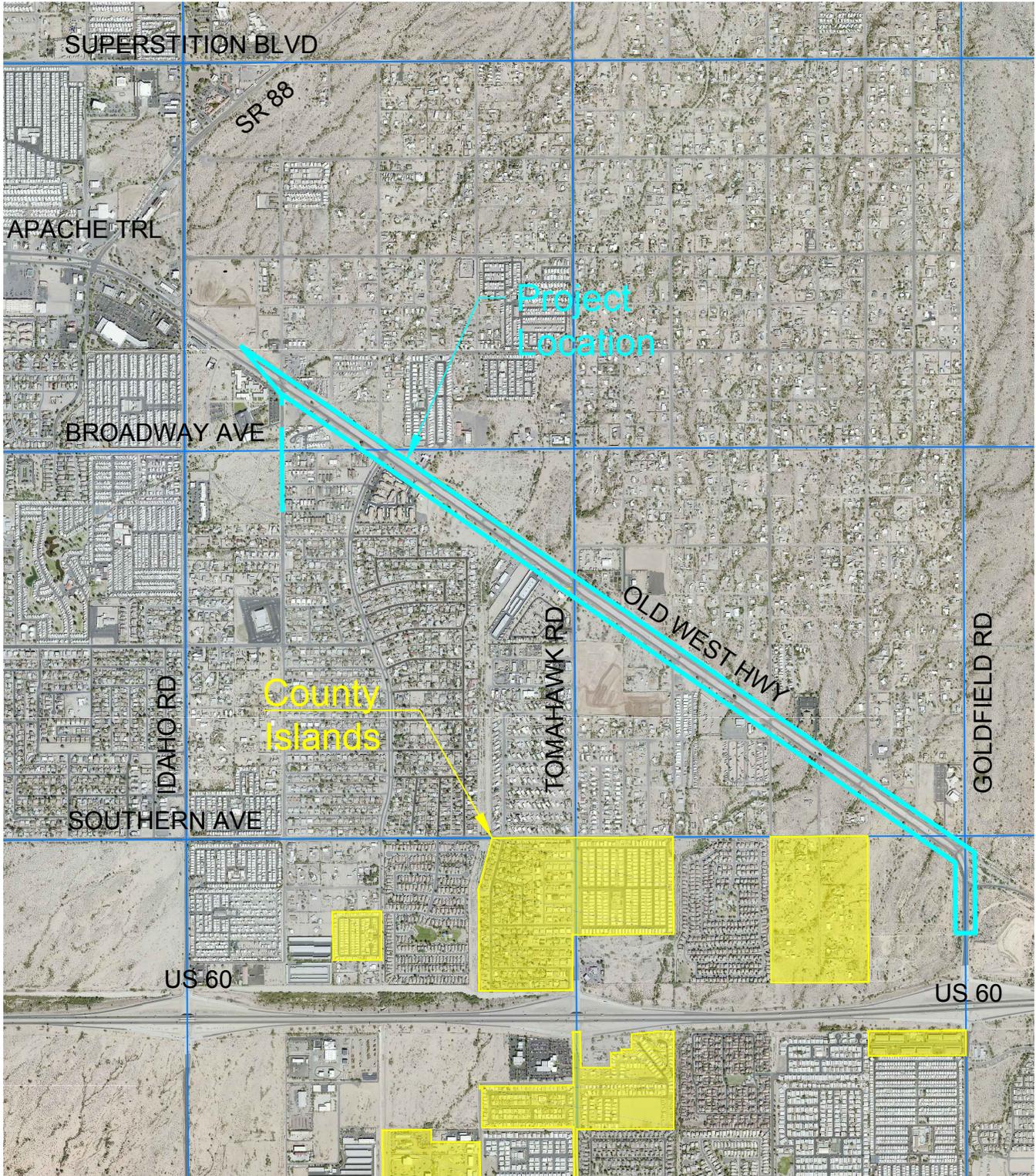
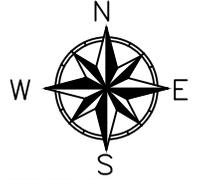
Field 11 - 15 Federal Costs are complete and accurate	Yes
Field 16 Total Costs are complete and accurate	Yes
PART F - Signature and Checklist	Complete?
Entire checklist is completed.	Yes
Form is signed by MAG member agency's manager/administrator or designated representative.	Yes
Name, title and date fields under the signature are completed.	Yes

SIGNATURE(S):

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

Signature:	
Name:	Mike Wever
Title:	Public Works Director
Date:	9/21/2017

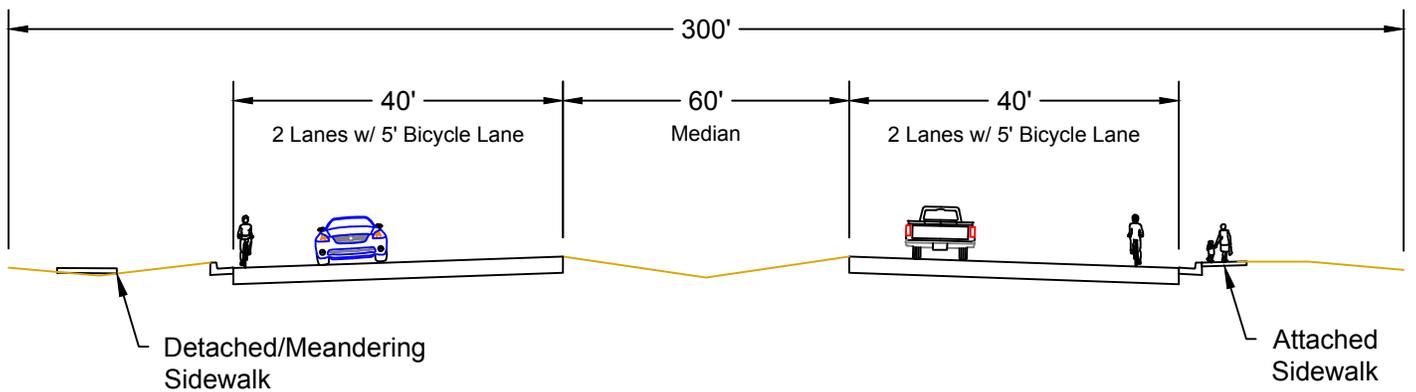
PROJECT LOCATION MAP



PROPOSED CROSS SECTIONS



Old West Highway: Sidewalk Connections from Winchester Road to Goldfield Road. Connect to existing meandering sidewalks. Meander new sidewalks where spacing and grades permit.





This photo illustrates the lack of sidewalks on Old West Highway directly in front of a low income housing tax credit apartment complex. Note the speed limit sign of 45 MPH.



This photo illustrates a student from Central Arizona College walking on the curb on Winchester Road where there is a gap in sidewalks.



This photo illustrates the front of a church where sidewalks are set back on the property and not connected to any other sidewalks along Old West Highway.



This photo illustrates the lack of sidewalks in front of a business on Old West Highway.