



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

Gantzel Road from Combs Rd to Ocotillo Rd Bike Lane & Pedestrian Sidewalk Project (2.0 mi)

Pinal County

**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)

Pinal County:**PART A - CONTACT AND PROJECT DESCRIPTION****Contact Information**

1. Name of Sponsoring Agency	Pinal County
2. Agency Contact Name	John Kraft
3. Phone Number of Agency Contact	520 866-6480
4. E-Mail Address of Agency Contact	John.Kraft@pinalcountyz.gov
5. Mailing Address of Agency Contact	Pinal County Public Works Dept. P.O. Box 727 Florence, Az 85132

Project Description

6. Please provide the Project Title.	
7. Please provide a concise, specific description of the project (250 character limit):	
Design & Construct concrete sidewalk and install additional pavement along Gantzel Road to provide pedestrian pathways and bike lanes on both sides of road from Combs Road to Ocotillo Road.	
8. Please provide the project limits:	
Gantzel Road from Combs Road to Ocotillo Road.	

Pinal County :

PART B-DETAILED PROJECT DESCRIPTION

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

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

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

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

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

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

- | | |
|---|---|
| <input type="checkbox"/> Bicycle Lane (4' min. w/o curb/gutter) | <input type="checkbox"/> Shoulder paving is within 4-miles of a PM-10 Monitor |
| <input checked="" type="checkbox"/> Bicycle Lane (5' min. with curb/gutter) | <input type="checkbox"/> Wide Sidewalk (8' min.) |
| <input type="checkbox"/> Buffered Bike Lane | <input type="checkbox"/> Detached Sidewalk with 4' min. buffer |
| <input type="checkbox"/> Protected Bike Lane | <input type="checkbox"/> Signalized Crossing |
| <input 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 checked="" type="checkbox"/> Bridge (overpass) | Other: |
| <input type="checkbox"/> Tunnel (underpass) | <input style="width: 400px; height: 20px;" type="text" value="Extend existing bridge by 10 feet on either side of roadway"/> |
| <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;" type="text" value="None"/> |
| <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.

Existing bridge structure is too short to accommodate roadway width for Bike Lane and Pedestrian Sidewalk. Extending existing bridge structure will enable continuity of at least one bike lane along west side of road and one sidewalk along east side of road. Pedestrian Sidewalk needs to be installed along west side of Gantzel Road from Combs Road to Ocotillo Road.

Pinal County :

PART B-DETAILED PROJECT DESCRIPTION

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

Removal of existing improvements, extension of existing bridge structure, replacement of Curb & Gutter, widen Asphalt Pavement for on street bike lanes, construct Concrete Sidewalk and other work as shown on Engineering Estimate included with this application.

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

Installing bike lanes and sidewalk along both sides of Gantzel Road within project limits will provide uniform continuity and enhance safety for pedestrians, bicyclists and motoring public as well.

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

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

- Yes
- No

Please Explain:

Establishing continuity of bike lane and pedestrian sidewalk encourages use of alternative form of transportation.

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

Enables pedestrians and bikers room to cross major wash along roadway outside travel lanes of traffic and provides pedestrian paths and bike lanes to complete roadway cross section along 2 mile project limits.

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

Pedestrian Sidewalk will be desinged and constructed to meet cross slope and longitudinal slope guidelines.

Pinal County :

PART B-DETAILED PROJECT DESCRIPTION

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

Currently bicyclists and pedestrians use a dirt path located along the east side of the road to cross thru the bottom of the wash. Pedestrians will have a concrete path to walk in lieu of dirt and discontinuity of bike path will be removed along project limits.

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

Provides a safer place to walk & bike along both sides of road.

14. Connectivity: (Check all that apply)

Project fills a gap in the system

Explain:

Both existing bike lane and pedestrian sidewalk terminate on either side of wash.

Project connects to other local bikeways

List of connected bikeways:

Gantzel Road

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

List of Participating Jurisdictions:

0.1 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 1/2 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.

0 Within 1/2 mile

List routes and frequency:

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

0 Within 1/2 mile

List:

Pinal County :

PART B-DETAILED PROJECT DESCRIPTION

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

Within 1/2 mile

List:

Park within Pecan Creek South of Queen Creek Wash

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

Within 1/2 mile

List:

Shopping Centers and other commercial destinations exist on either end of project limits.

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

Within 1/2 mile

List:

School exists within Pecan Creek North of Queen Creek Wash

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

Within 1/2 mile

List:

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

Within 1/4 miles

List:

Shopping areas including grocery stores exist on either end of project.

1/4 miles to 1/2 miles

List:

Pinal County :

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:

Gantzel Road from Combs Road to Ocotillo Road

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

Gantzel Road crosses Queen Creek Wash near the middle of the project.

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

Pinal County :

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

Pinal County :

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 checked="" 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.

Caution for Clearance from existing Wapa Power Lines along east side of roadway. Water, Sewer, Gas & Communications Fiber appears to exist within project limits. Do anticipate relocation of some utility boxes that may be in conflict with new sidewalk location.

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

<input checked="" type="checkbox"/>	AASHTO Guide for Bicycle Facilities	Other:
<input checked="" type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	<input type="text" value="MAG & ADOT Standard Details & Specifications."/>
<input checked="" type="checkbox"/>	MAG Complete Streets Guide	
<input type="checkbox"/>	MAG Designing Transit Accessible Communities	
<input checked="" type="checkbox"/>	MAG Valley Path Brand & Wayfinding Signage Guidelines	
<input checked="" 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="Recommend"/>
With new development and capital improvement projects, bike lanes on collector streets are:	<input type="text" value="Recommend"/>
With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:	<input type="text" value="Not Addresse"/>
With new development or during development retrofits, shared-use paths are:	<input type="text" value="Not Adresse"/>
Bicycle program implemented, including bike education, safety events, and bike maps	<input type="text" value="No"/>
Complete Streets Policy	<input type="text" value="No"/>

34. The project is: (Check one)

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

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

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

Pinal County :

PART B-DETAILED PROJECT DESCRIPTION

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

Designed & Constructed within budget and on schedule.

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?

Maybe included in design stage of project.

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.

Will be posted on Public Works Web Page & Facebook.

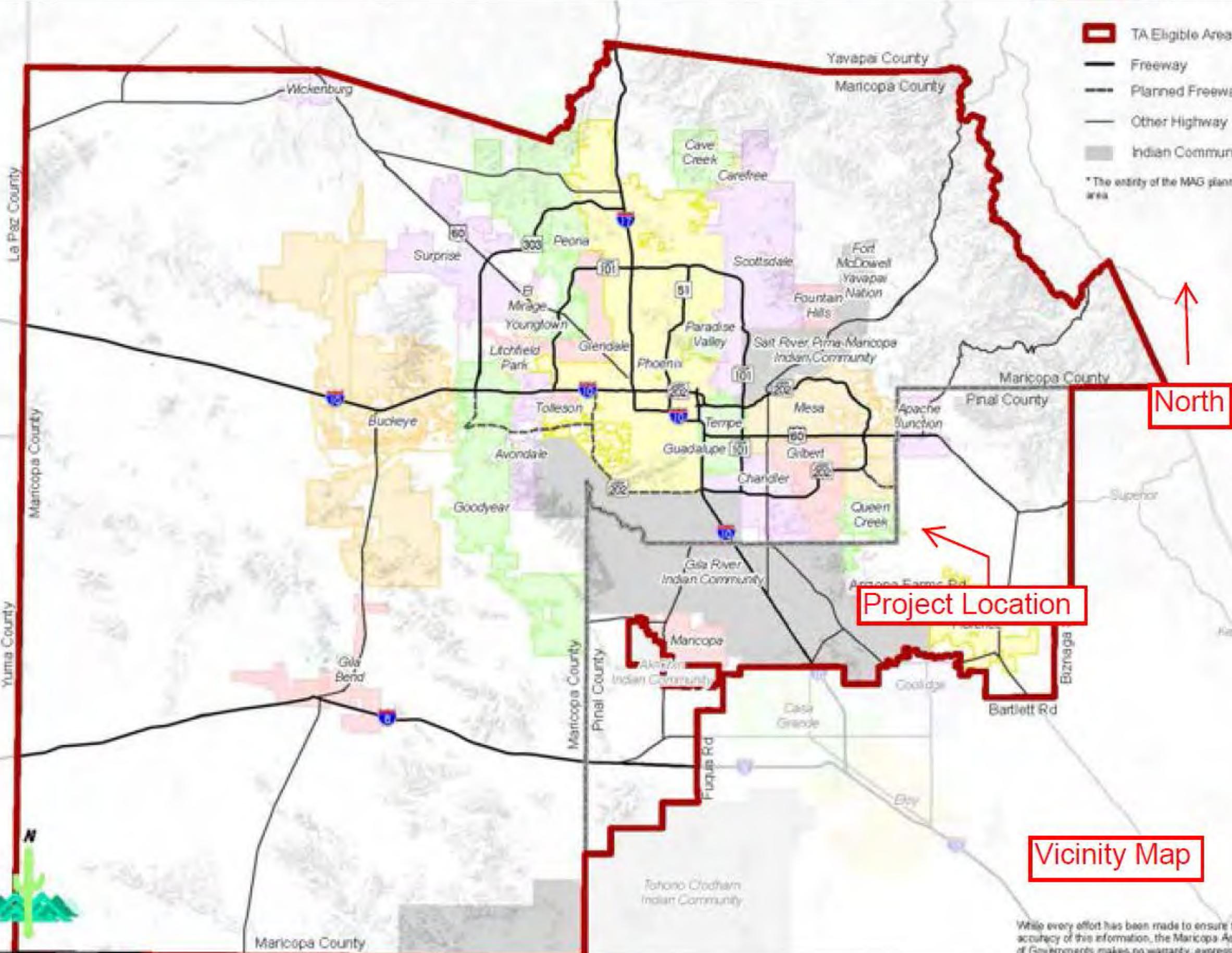
38. Will the project include wayfinding signage elements? If yes, please describe below.

Maybe included in design stage of project.

TA Bicycle/Pedestrian Application Area

- TA Eligible Area *
- Freeway
- Planned Freeway
- Other Highway
- Indian Community

* The entirety of the MAG planning area



North

Project Location

Vicinity Map

0 5 10 15 20 25 Miles

Date: July 2015

While every effort has been made to ensure the accuracy of this information, the Maricopa Association of Governments makes no warranty, expressed or implied, as to its accuracy and expressly disclaims liability for the accuracy thereof.



Ocotillo Rd

North

Gantzel Rd (aka Ironwood Dr) Project Limits (2 Mi)

Combs Rd

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LANE
ENDS



09/19/2017



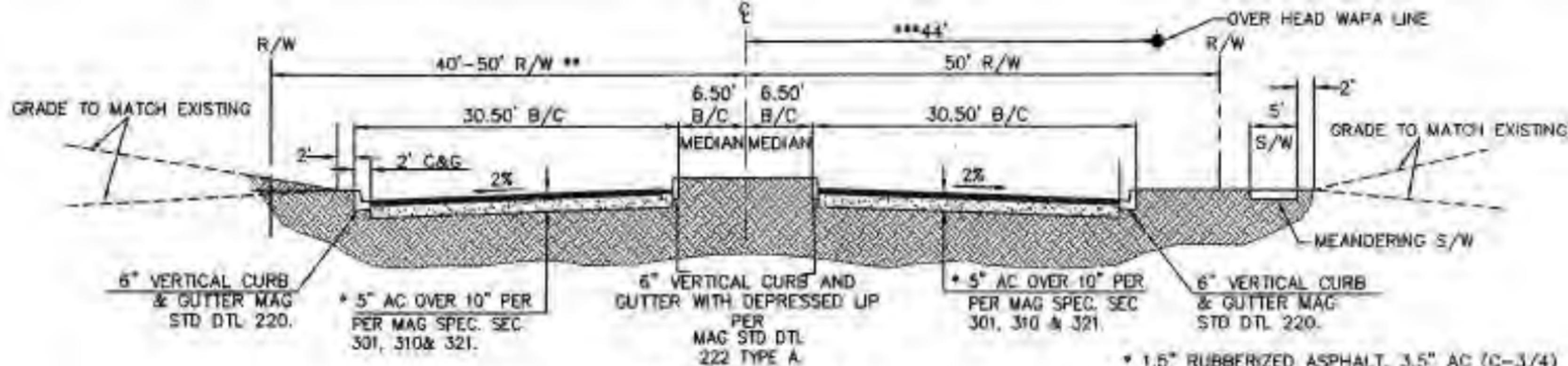
09/19/2017



09/19/2017



09/19/2017



6" VERTICAL CURB & GUTTER MAG STD DTL 220.

* 5" AC OVER 10" PER PER MAG SPEC. SEC. 301, 310 & 321.

6" VERTICAL CURB AND GUTTER WITH DEPRESSED LIP PER MAG STD DTL 222 TYPE A.

* 5" AC OVER 10" PER PER MAG SPEC. SEC 301, 310 & 321.

6" VERTICAL CURB & GUTTER MAG STD DTL 220.

- * 1.5" RUBBERIZED ASPHALT, 3.5" AC (C-3/4)
- ** VARIES
- *** OVER HEAD WAPA LINE
 - MIN CLEARANCE TO ROADWAY 24'
 - MIN CLEARANCE TO SIGNS 12'

GANTZEL ROAD

N.Y.S.
EXISTING
FIRE HYDRANT

2-WAY BLUE REFLECTIVE

Pinal County:

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:	Pinal County	Project Title:	Gantzel Rd Combs to Ocotillo	Application Date:	9/22/2017
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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	\$32,000.00	\$32,000.00	No	\$0.00	\$32,000.00		
	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	\$30,000.00	\$30,000.00	No	\$0.00	\$30,000.00		
	4. HAZMAT ASSESSMENT	LS	1	\$8,000.00	\$8,000.00	No	\$0.00	\$8,000.00		
	Subtotal Scoping (Part A)				\$70,000.00		\$0.00	\$70,000.00		
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$210,000.00	\$210,000.00	No	\$0.00	\$210,000.00		
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$10,000.00	\$10,000.00	No	\$0.00	\$10,000.00		
	3. DRAINAGE REPORT & SWPPP	LS	1	\$15,000.00	\$15,000.00	No	\$0.00	\$15,000.00		
	4. Pothole Existing Utilities & Verify Locations	LS	1	\$25,000.00	\$25,000.00	No	\$0.00	\$25,000.00		
	Subtotal PE (Part B)				\$260,000.00		\$0.00	\$260,000.00		
Subtotal Preliminary Engineering (Part A + Part B)					\$330,000.00		\$0.00	\$330,000.00		
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition	LS	1	\$160,000.00	\$160,000.00	No	\$0.00	\$160,000.00		
Subtotal Right-of-Way Acquisition (Part C)					\$160,000.00		\$0.00	\$160,000.00		
D. Utility Relocation	1. Utility Relocation	LS	1	\$150,000.00	\$150,000.00	No	\$0.00	\$150,000.00		
Subtotal Utility Relocation (Part D)					\$150,000.00		\$0.00	\$150,000.00		
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	\$10,000.00	\$10,000.00	Yes	\$9,430.00	\$570.00
		Demolition	Sawcut	LF	2,320	\$1.00	\$2,200.00	Yes	\$2,074.60	\$125.40
			Remove Existing Tree	Each	35	\$2,000.00	\$70,000.00	Yes	\$66,010.00	\$3,990.00
			Remove Existing Guardrail	LF	1,200	\$5.00	\$6,000.00	Yes	\$5,658.00	\$342.00
			Remove Structural Concrete	LS	1	\$45,000.00	\$45,000.00	Yes	\$42,435.00	\$2,565.00
			Remove Asphaltic Concrete Pavement	SY	1,500	\$10.00	\$15,000.00	Yes	\$14,145.00	\$855.00
			Remove Existing Curb & Gutter	LF	2,230	\$2.00	\$4,460.00	Yes	\$4,205.78	\$254.22
			Remove Concrete Sidewalks	SF	5,000	\$1.50	\$7,500.00	Yes	\$7,072.50	\$427.50
			Remove & Replace Rip Rap	CY	90	\$250.00	\$22,500.00	Yes	\$21,217.50	\$1,282.50
		Remove & Reconstruct Spillway	Each	2	\$5,000.00	\$10,000.00	Yes	\$9,430.00	\$570.00	
	Subgrade Preparation	SY	1,500	\$5.00	\$7,500.00	Yes	\$7,072.50	\$427.50		
	4" Aggregate Base Course	CY	165	\$60.00	\$9,900.00	Yes	\$9,335.70	\$564.30		
	2" Asphalt Concrete (1/2")	Ton	172	\$110.00	\$18,920.00	Yes	\$17,841.56	\$1,078.44		
	4" Asphalt Concrete (3/4")	Ton	334	\$125.00	\$41,750.00	Yes	\$39,370.25	\$2,379.75		
	6" Concrete Curb & Gutter	LF	2,200	\$12.00	\$26,400.00	Yes	\$24,895.20	\$1,504.80		
	Concrete Sidewalk	SF	130,000	\$5.00	\$650,000.00	Yes	\$612,950.00	\$37,050.00		
	Slurry Seal Oil	Ton	18	\$800.00	\$14,400.00	Yes	\$13,579.20	\$820.80		
	Aggregate for Slurry	Ton	110	\$200.00	\$22,000.00	Yes	\$20,746.00	\$1,254.00		
	Pavement Marking (6" Yellow)	LF	6,400	\$1.00	\$6,400.00	Yes	\$6,035.20	\$364.80		
	Pavement Marking (6" White)	LF	6,400	\$1.00	\$6,400.00	Yes	\$6,035.20	\$364.80		
	Soil Stabilization	SY	4,840	\$1.00	\$4,840.00	Yes	\$4,564.12	\$275.88		
	Structural Concrete	CY	250	\$400.00	\$100,000.00	Yes	\$94,300.00	\$5,700.00		
	Reinforcing Steel	LB	30,000	\$1.50	\$45,000.00	Yes	\$42,435.00	\$2,565.00		
	Anchor New CBC to Existing CBC	LS	1	\$10,000.00	\$10,000.00	Yes	\$9,430.00	\$570.00		
	Structural Excavation & Backfill	CY	480	\$14.00	\$6,720.00	Yes	\$6,336.96	\$383.04		
	3'-6" High Safety Handrail	LF	140	\$80.00	\$11,200.00	Yes	\$10,561.60	\$638.40		
	Guardrail W-Beam, Single Face (Current MASH Compliant)	LF	1,200	\$30.00	\$36,000.00	Yes	\$33,948.00	\$2,052.00		
	Guardrail End Terminal (Current MASH Compliant)	Each	4	\$5,000.00	\$20,000.00	Yes	\$18,860.00	\$1,140.00		
	Notification Signage	Each	4	\$850.00	\$3,400.00	Yes	\$3,206.20	\$193.80		
	Changeable Message Sign	Each	2	\$6,000.00	\$12,000.00	Yes	\$11,316.00	\$684.00		
	Pinal County Off Duty Sheriff & Patrol Car	HR	1,000	\$45.00	\$45,000.00	Yes	\$42,435.00	\$2,565.00		
	Subtotal Hardscape Construction					\$1,290,490.00		\$1,216,932.07	\$73,557.93	
	5. Mobilization And Administration Costs	Contractor Mobilization	LS	1	\$200,000	\$200,000	Yes	\$188,600	\$11,400	
Traffic Control		LS	1	\$200,000	\$200,000	Yes	\$188,600	\$11,400		
Construction Survey & Layout		LS	1	\$15,000	\$15,000	Yes	\$14,145	\$855		
Construction Contingencies		LS	1	\$200,000	\$200,000	Yes	\$188,600	\$11,400		
Construction Administration		LS	1	\$350,000	\$350,000	Yes	\$330,050	\$19,950		
Subtotal Mobilization & Administration Costs					\$965,000		\$909,995	\$55,005		
Subtotal Construction Or Implementation Cost (Part E)					\$2,255,490		\$2,126,927	\$128,563		
F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)					\$2,895,490		\$2,126,927	\$768,563		
G. Adot Fee Review Fee - \$10,000 for Certified Accepted agencies, otherwise \$30,000					\$30,000	No	\$0	\$30,000		
H. Total Project Cost Including ADOT Fees (Part F + Part G)					\$2,925,490		\$2,126,927	\$798,563		

Pinal County:

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:		Pinal County	Project Title:		Gantzel Rd Combs to Ocotillo	Application Date:		9/22/2017				
Part	Item Description				Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)

Pinal County:

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	\$330,000	
3. Right of way	\$160,000	
4. Utilities	\$150,000	
5. Construction	\$2,055,490	
6. Contingency	\$200,000	No more than 20% of Construction Cost
7. Total Cost	\$2,725,490	

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

9. Expected Annual Maintenance Cost

10. Identify Source of Maintenance Funds

Requested MAG Programming	Year	Short Work Description (E.g. Construct Multiuse Path)	Local Funding Source	Local Cost	Federal Cost	Total Cost	Local Share
11. Design (Optional)	2019	Design Bike Lane and Pedestrian Sidewalk	HURF	\$330,000	Not Available	\$330,000	100.0%
12. Right of way (Optional)	2020	ROW for Bike Lane and Pedestrian Sidewalk	HURF	\$160,000	Not Available	\$160,000	100.0%
13. Utilities (Optional)	2020	Utility work for Bike Lane and Pedestrian Sidewalk	HURF	\$150,000	Not Available	\$150,000	100.0%
14. ADOT PMDR Cost (Optional)	2019		HURF	\$30,000	Not Available	\$30,000	100.0%
15. Construction	2022	Construction for Bike Lane and Pedestrian Sidewalk	HURF	\$128,563	\$2,126,927	\$2,255,490	5.7%
16. Total Costs				\$798,563	\$2,126,927	\$2,925,490	27.3%

Pinal County:

PART F - SIGNATURE AND CHECKLIST**Checklist**

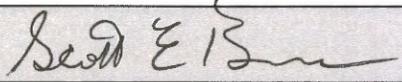
This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.

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.	No
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	No
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:	Scott Bender, P.E.
Title:	Public Works County Engineer
Date:	9/21/2017