

PEDESTRIAN, BICYCLE and SHARED-USE FACILITY PROJECT APPLICATION

General Instructions:

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

This application form includes:

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

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

Deadlines and Transmittal Instructions:

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

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

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

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

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

PART A - CONTACT AND PROJECT DESCRIPTION

Contact Information	
1. Sponsoring Agency	Scottsdale
2. Contact Name	Susan Conklu
3. Phone	480-312-2308
4. E-Mail Address	sconklu@scottsdaleaz.gov
5. Mailing Address	7447 E Indian School Rd, Ste 205 Scottsdale, AZ 85251

Project Description	WestWorld / Indian Bend Trail and Path Connections
6. Please provide the Project Title.	
7. Please provide a general description of the project (Please no more than 200 characters)	
<p>Provide 4.7 miles of nonmotorized connectivity from McDowell Mountain Ranch Community Center through WestWorld to Pima Road / East Trailside View. Includes shared use path, trail, crossings through four existing tunnels, and sidewalk connection.</p>	
8. Please attach a map with streets labeled showing the location(s) of the bicycle/shared-use facility.	Please attach map with transmittal

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

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

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

CMAQ Funding Eligibility

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

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

Section 1 - Project Description

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

<input type="checkbox"/>	Bicycle lane (4' min. w/o curb/gutter)	<input type="checkbox"/>	Shoulder paving is within 4-miles of a PM-10 monitor
<input type="checkbox"/>	Bicycle lane (5' min. with curb/gutter)	Link MAG Webpage for Map of PM-10 Monitor Locations	
<input checked="" type="checkbox"/>	Shared-use path (10' min.)	<input type="checkbox"/>	Signalized crossing
<input type="checkbox"/>	Bridge (overpass)	<input type="checkbox"/>	Signalized midblock crossing/HAWK
<input checked="" type="checkbox"/>	Tunnel (underpass)	<input type="checkbox"/>	Mid-block crossing w/ pedestrian refuge
<input type="checkbox"/>	Paved shoulders (5' min.)	Other	<input type="text"/>

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

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

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

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

<input type="text"/>	Crossing under Thompson Peak Parkway, through WestWorld, under Bell Road, through powerline corridor, to Hayden Road.
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Federal Functional Classification of the Facility

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

Type of Facility the Improvement will be located on

Length (in Miles)

Posted Speed Limit (MPH)

Through Lanes

The application submission will include ArcGIS shapefiles.

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

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

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

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

ADT Estimate

Date Counted

Name of road the traffic count was taken from

Description of Methodology used for the ADT Estimate

6. Federal law requires that all federally funded projects comply with a federal environmental clearance. For projects that have a minimum ground disturbance, environmental surveys are required and an environmental document will need to be prepared, which typically requires 12 months to complete. Describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

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

7. Current ROW: (Check all that apply)

Agency owns all ROW Needed
 ROW to be acquired
 Owners will donate ROW

Agency owns easement
 Agency has right-of-use (i.e. canal)
 Condemnation may be required

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

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

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

Pipelines, Sewer and Water
 Private Structures
 Other

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

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

The design and construction will need to be coordinated with SRP, APS, and Reclamation in the powerline corridor to accommodate the overhead powerlines and structures. There are other city trails that exist in this area that were coordinated with the agencies. As with all bike and pedestrian projects, the city will coordinate with other utilities in the planned project corridor to address any potential conflicts or issues.

Section 2 - Proposed Improvements

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

This project will provide 4.7 linear miles of shared use paved path and unpaved trail connectivity along segments beginning at the McDowell Mountain Ranch Community Center traversing through WestWorld to the Pima Road and East Trailside View intersection. The project will include a 10-foot concrete shared use path and 8-foot unpaved trail with enhanced street crossings through existing tunnels at Thompson Peak Parkway, Bell Road, Pima Road, and Hayden Road. This will also include a concrete 8-foot sidewalk along Thompson Peak Parkway to connect the existing sidewalk to the underpass.

12. 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 checked="" type="checkbox"/>	MAG Complete Streets Guide		City of Scottsdale Design Standards and Policies Manual

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

The Indian Bend Wash Path System enters WestWorld from the south, providing regional connectivity through Scottsdale into Tempe. There are no connections to the north. This project will provide shared use path and unpaved trail connectivity from WestWorld north to major destinations and existing paths and trails already in place. These include the McDowell Sonoran Preserve Gateway Access Area, McDowell Mountain Ranch Park and Aquatic Center, Thompson Peak Park, the Pima Path, and the Power Line Path.

The city plans to connect both unpaved trails and paved paths centering on WestWorld. Construction is beginning on the paved path from 92nd & Shea to 96th & Cactus. That one mile segment will complete the paved path connection from WestWorld to the Tempe Town Lake. From WestWorld, the proposed project will connect the existing paths and trails in McDowell Mountain Ranch and the Aquatic Center, the Gateway Access Area, DC Ranch, and Grayhawk. The Grayhawk connection is under the power lines and the city already has tunnels in place under Hayden and Pima roads.

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

Surfaces are unimproved. Some rough grading may have occurred during other development of the sites, power line corridor, and adjacent roadways. There is no current nonmotorized access in the proposed corridors.

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

<input type="checkbox"/>	Wide bike lanes (6'-7')	Buffer Zone, Width	
<input checked="" type="checkbox"/>	Grade-separated crossing (overpass or underpass)		
<input type="checkbox"/>	Signalized crossing		
<input type="checkbox"/>	Path lighting	Other	

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

<input checked="" type="checkbox"/>	Wide sidewalk (8' min.)	Buffer Zone, Width	
<input checked="" type="checkbox"/>	Grade-separated crossing (overpass or underpass)		
<input type="checkbox"/>	Signalized crossing		
<input type="checkbox"/>	Path lighting	Other	

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

Shade

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

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

<input type="text" value="0"/>	Number of Drinking Fountains
<input type="text" value="15"/>	Number of Way-finding Signs
<input type="text" value="0"/>	Number of Bike racks/lockers
<input type="text" value="0"/>	Number of Trash receptacles
<input type="text" value="0"/>	Number of Seating/Rest(s)

Number of Trees/shade structures

Other

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

<input type="text" value="0"/>	Number of Drinking Fountains
<input type="text" value="15"/>	Number of Way-finding Signs
<input type="text" value="0"/>	Number of Trash receptacles
<input type="text" value="0"/>	Number of Seating/Rest(s)

Number of Trees/shade structures

Other

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

This project will link major destinations by closing the gaps and connecting nonmotorized users to the existing network and utilize existing underpasses and tunnels for bicyclists, pedestrians, and equestrians. Currently there is no nonmotorized access to the tunnels / underpasses in addition to the gaps in the system. There is also no continuous sidewalk on the west side of Thompson Peak Parkway for pedestrians to reach the underpass. This will connect residents from Grayhawk, DC Ranch, and McDowell Mountain Ranch to:

- Indian Bend Wash Path system with regional connectivity
- Horizon Park / Community Center
- Preserve Gateway
- WestWorld
- McDowell Mountain Ranch Park / Community & Aquatic Center
- Arabian Library
- Thompson Peak Park
- Desert Canyon Elementary and Middle schools
- Notre Dame Preparatory School
- Grayhawk Elementary School
- Scottsdale Airpark

This major nonmotorized hub will close the gaps on the network and provide continuous local and regional connectivity for all users.

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

This project will improve nonmotorized connectivity for all users and will be built to comply with ADA requirements.

19. Connectivity: (Check all that apply)

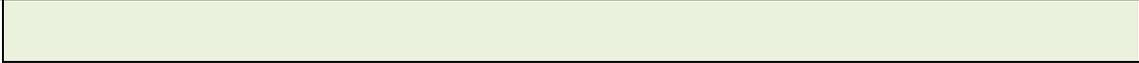
- Project fills a gap in the system
- Project connects to other local facilities

Project is on a regional facility
Regional Facility Name

Multi Jurisdictional Project
List of Participating Jurisdictions

Number of transit routes and Park & rides served.
List: route number(s)/park & ride(s) served.

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



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

Miles of facilities connected

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

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

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

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

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

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

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

24. What are the demographics of the area served:

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

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

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

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

26. The project is: (Check one)

- Identified in General Plan, council adopted policy, or Capital Improvements Program
List:
Listed in the City of Scottsdale 2008 Transportation Master Plan, the Scottsdale 2004 Trails Master Plan, and the MAG 2001 Regional Off-Street System Plan
- Consistent with general policy/practices, but not formally identified
Explain
- Not addressed by jurisdiction's plans, policies, or practices

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

As typical with all City of Scottsdale projects, the community has been and will continue to be involved in the design and implementation of this project through the use of community meetings and other appropriate methods (via email, the newspaper, project updates on the city's web page, etc.). The Transportation Department's Public Outreach Manager and project manager ensure that affected neighborhoods are involved and that potential users of the path and trail are notified.

28. How will you determine customer satisfaction/evaluation?

Providing connected facilities for nonmotorized users will increase the number of people walking, bicycling, and riding horses in the area. Scottsdale residents and visitors provide feedback in a variety of ways. We receive email, phone calls, and in-person feedback that is positive regarding our other projects. When a person has a complaint we evaluate the issue to see if there is something that needs to be resolved. Members of the public have indicated a desire for continued connectivity at public meetings. This month, the city launched a new feedback forum online called Speak Up Scottsdale to receive feedback on a variety of projects and issues. We plan to monitor this input along with the other feedback we receive to help complete system.

PART C - TOTAL PROJECT SCHEDULE AND BUDGET INCLUDING ALL SEGMENTS

Please provide a cost and programming estimate for the total project (e.g. the cost to complete all planned segment improvements). The design for the project should be programmed at least 1 year, preferably 2 years, prior to construction. Utilities and right of way should be programmed at least 1 year prior to construction, but may occur in the same year as construction depending on utility and right of way concerns that are identified in the segment description(s) in Part B(s).

Cost Estimate for the Project Including ALL Segments	Cost	Optional (Additional Notes)
1. ADOT Fee	100,224	None
2. Design	612,472	None
3. Right of way	0	Project will utilize existing City ROW, easements, and agreements with SRP, APS, and Reclamation
4. Utilities	20,000	None
5. Construction	3,874,850	None
6. Contingency	503,871	None
7. Total Cost	5,111,417	None

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

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

Yes

10. Expected Annual Maintenance Cost

40,000	Note
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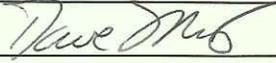
Requested MAG Programming	Year	Local Funding Source	Local Cost	Federal Cost	Total Cost
11. Design	2014	Sales Tax	612,472	Not Available	612,472
12. Right of way and Utilities	2014	Sales Tax	20,000	Not Available	20,000
13. Construction	2016	Sales Tax	255,300	4,223,645	4,478,945
			887,772	4,223,645	5,111,417

Pedestrian, Bicycle and Shared-Use Facility Project Application from Scottsdale for 'WestWorld / Indian Bend Trail and Path Connections'

PART D - SIGNATURE AND CHECKLIST

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

Signature:



Name: Dave Meinhart

Title: Transportation Director

Date:

9/19/12

WILL FILL OUT AFTER QUESTIONS APPROVED.

Checklist - OPTIONAL

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

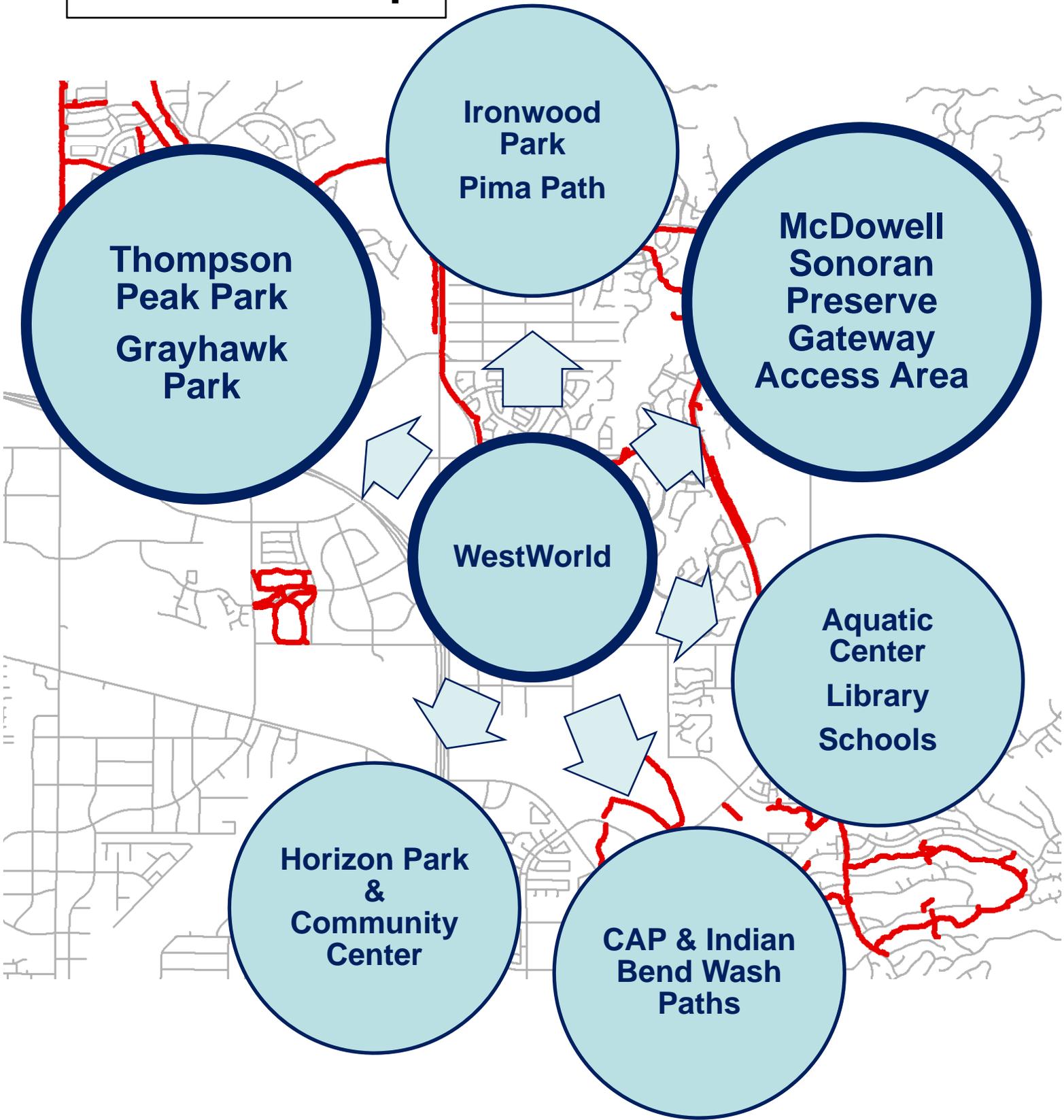
PART A - Contacts and Project Description Fields	Complete?
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6 - 7 are complete	Yes
Project Description, field 8 – project map is provided in the printed application. Please attach a PDF file in the electronic submittal.	Yes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

Pedestrian, Bicycle and Shared-Use Facility Project Application from Scottsdale for 'WestWorld / Indian Bend Trail and Path Connections'

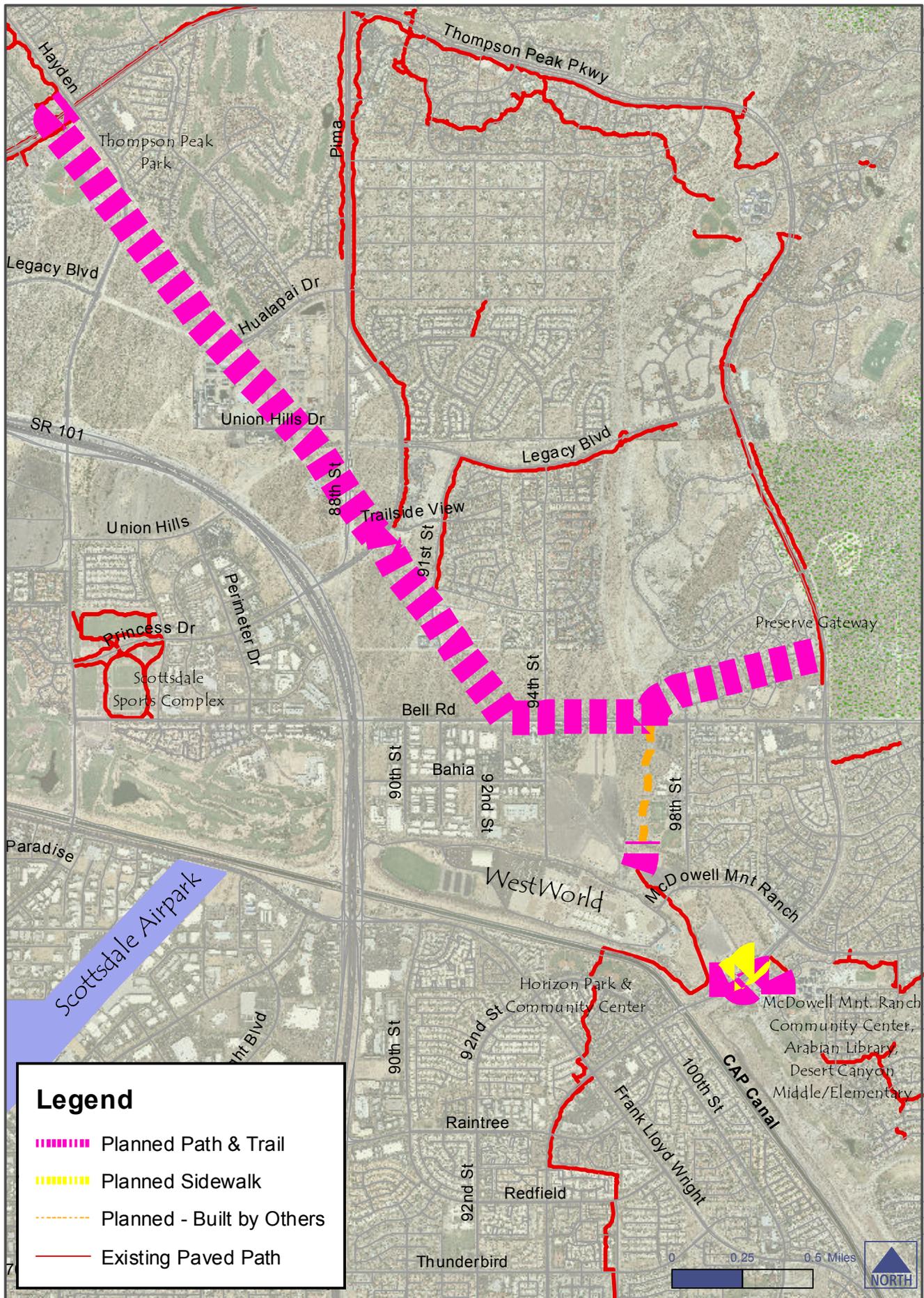
WestWorld / Indian Bend Trail and Path Connections

Legend

— Existing Path

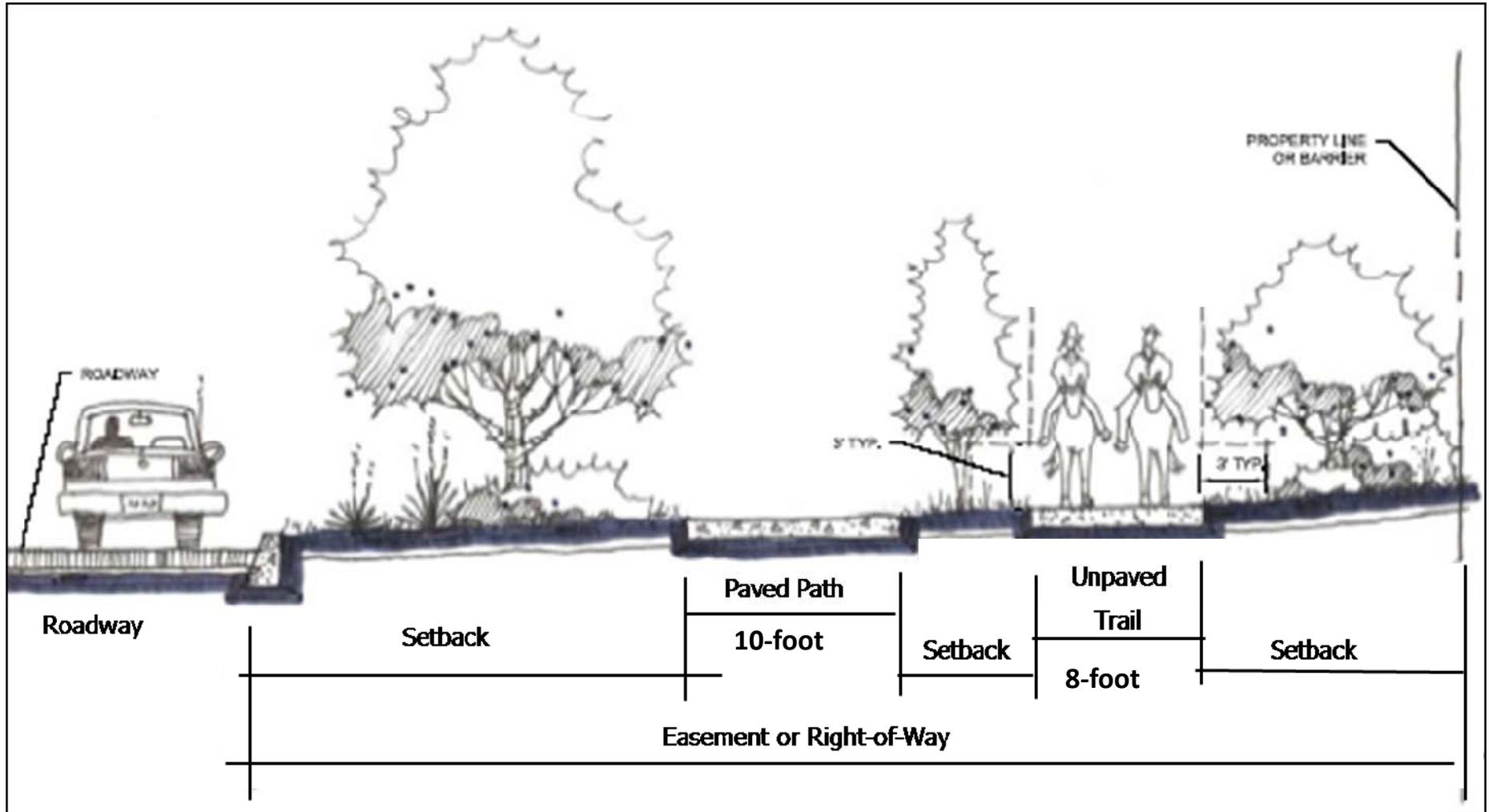


WestWorld / Indian Bend Trail and Path Connections Area Map



WestWorld / Indian Bend Trail and Path Connections

Typical Cross Section





View of Thompson Peak Parkway looking west adjacent to Aquatic Center

Path will cross under existing underpass to meet existing path



View of north side of Bell Road looking west

Proposed alignment will run adjacent to sidewalk



View of north side of Bell looking south
Path will cross under existing underpass



View of north side of Bell Road looking northeast near existing underpass



View from south side of Bell Road north of WestWorld looking northeast near existing underpass

Project will cross under road and provide east and west access



View along Hayden Road looking south toward existing buried tunnel



View along Hayden Road looking south toward existing buried tunnel



Power Line Corridor looking northwest at Pima Road
Proposed Project will be built in this corridor

Pedestrian/Bicycle Cost Estimation Form (WestWorld/Indian Bend Trail and Path Connections)

Design Funding	Locally Funded												
Part	Item Description				Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)	
A. Scoping (15% Preliminary Engineering Design)	1. SITE TOPOGRAPHIC SURVEY				LS	6	\$9,433.00	\$56,598.00	FALSE	\$0.00	\$56,598.00		
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN				LS	1	\$30,000.00	\$30,000.00	FALSE	\$0.00	\$30,000.00		
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting				LS	1	\$22,000.00	\$22,000.00	FALSE	\$0.00	\$22,000.00		
	4. HAZMAT ASSESSMENT				LS	1	\$0.00	\$0.00	FALSE	\$0.00	\$0.00		
	Subtotal Scoping (Part A)							\$108,598.00		\$0.00	\$108,598.00		
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Right-of-Way Acquisition				LS	1	\$0.00	\$0.00	FALSE	\$0.00	\$0.00		
	2. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.				LS	6	\$83,979.00	\$503,874.00	FALSE	\$0.00	\$503,874.00		
	3. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report				LS	1	\$0.00	\$0.00	FALSE	\$0.00	\$0.00		
	4. DRAINAGE REPORT				LS	1	\$0.00	\$0.00	FALSE	\$0.00	\$0.00		
	5. SWPPP				LS	1	\$0.00	\$0.00	FALSE	\$0.00	\$0.00		
Subtotal PE (Part B)							\$503,874.00		\$0.00	\$0			
C. Construction Or Implementation For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4	1. Hardscape Construction				LS	6	\$9,911.00	\$59,466.00	TRUE	\$56,076.44	\$3,389.56		
	Installation Of SWPP Measures				LS	6	\$9,911.00	\$59,466.00	TRUE	\$56,076.44	\$3,389.56		
	Site Preparation				LS	6	\$17,703.00	\$106,218.00	TRUE	\$100,163.57	\$6,054.43		
	Demolition				Sawcut	LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
					Remove Structures and Obstructions	LS	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
					Remove Fencing	LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
					Remove Structural Concrete	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
					Remove Asphaltic Concrete Pavement	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
					Remove Concrete Sidewalks, Slabs	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Hazmat Abatement				LS	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Utility Relocation				LS	1	\$20,000.00	\$20,000.00	TRUE	\$18,860.00	\$1,140.00		
	Retaining Wall - Reinforced Concrete Cantilevered				SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Earthwork				General Excavation	CY	38,000	\$20.00	\$760,000.00	TRUE	\$716,680.00	\$43,320.00	
					Drainage Excavation	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
					Structural Excavation	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
					Structural Backfill	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
					Borrow (In Place)	CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Curb & Gutter				LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Aggregate Base				CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Pathway Or Sidewalk Materials				Concrete	SF	244,938	\$4.00	\$979,752.00	TRUE	\$923,906.14	\$55,845.86	
					Colored Concrete	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
					Stamped Color Concrete	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
					Precast Concrete Pavers	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
Asphaltic Concrete					Ton	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
Polymer or Resin Stabilized Surface					SF	196,880	\$1.00	\$196,880.00	TRUE	\$185,657.84	\$11,222.16		
Crosswalk Enhancement				Concrete Pavers	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				Stamped Asphalt	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				Stamped Concrete	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				Concrete	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				Integral Color Concrete	SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
Pedestrian ADA Ramp				SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00			
Culvert Extensions				LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00			
Pedestrian Lighting Including Conduit And Trenching				Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00			

	Handrail	Standard	LF	100	\$60.00	\$6,000.00	TRUE	\$5,658.00	\$342.00	
		Decorative	LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Subtotal Hardscape Construction				\$2,128,316.00		\$2,007,001.99	\$121,314.01	
2. Landscaping & Irrigation Items	Trees Above 15 Gallon In Size As Required Per Local Code Or Special Design Requirements			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Trees (15 Gallon Size)			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Trees (5 Gallon Size)			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Shrubs (5 Gallon Size)			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Shrubs (1 Gallon Size)			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Cactus (5 Gallon Size)			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Mulch	Decomposed Granite		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
		Organic		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Topsoil			CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Seeding			Acre	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Turf Sod			SY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Boulders			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Irrigation System	Drip		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
		Turf		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Sleeving For Irrigation System	Directional Bore		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
		Cut and Patch		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Landscape Header Curb			LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Landscape Establishment			LS	201,278	\$0.50	\$100,639.00	TRUE	\$94,902.58	\$5,736.42
			Subtotal Landscaping & Irrigation Items				\$100,639.00		\$94,902.58	\$5,736.42
3. Site Furnishings	Benches			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Seatwalls			LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Bike Racks			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Trash Receptacles			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Drinking Fountains			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Signage (Standard Traffic Control)			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Tree Grates			Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			Subtotal Site Furnishings				\$0.00		\$0.00	\$0.00
4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)						\$0.00	TRUE	\$0.00	\$0.00	
	Striping			LF	70,017	\$1.00	\$70,017.00	TRUE	\$66,026.03	\$3,990.97
	Box culvert			Each	16	\$56,000.00	\$896,000.00	TRUE	\$844,928.00	\$51,072.00
	Inlet wing walls			Each	1	\$5,500.00	\$5,500.00	TRUE	\$5,186.50	\$313.50
	Outlet wing walls			Each	1	\$7,500.00	\$7,500.00	TRUE	\$7,072.50	\$427.50
	Riprap			CY	300	\$35.00	\$10,500.00	TRUE	\$9,901.50	\$598.50
	Permits and Fees				1	\$335,914.00	\$335,914.00	TRUE	\$316,766.90	\$19,147.10
					1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
					1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			Subtotal Other Construction				\$1,325,431.00		\$1,249,881.43	\$75,549.57
5. Mobilization And Administration Costs	Contractor Mobilization			LS	6	\$17,554.00	\$105,324.00	FALSE	\$0.00	\$105,324.00
	Traffic Control			LS	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Construction Survey & Layout			LS	1		\$0.00	TRUE	\$0.00	\$0.00
	Construction Contingencies			LS	1	\$503,871.00	\$503,871.00	TRUE	\$475,150.35	\$28,720.65
	Construction Administration			LS	1	\$235,140.00	\$235,140.00	TRUE	\$221,737.02	\$13,402.98
			Subtotal Mobilization & Administration Costs				\$844,335.00		\$696,887.37	\$147,447.63
Subtotal Construction Or Implementation Cost (Part C)						\$4,398,721.00		\$4,048,673.37	\$350,047.63	
D. Total Scoping, PE and Construction (Part A, B, and C)						\$5,011,193.00		\$4,048,673.37	\$458,645.63	
E. Adot Fee For Pe Reviews And Staff Charges (The higher of \$20,000 or 2% of Total Cost (Part D))						\$100,223.86	FALSE	\$0.00	\$100,223.86	
F. Total Project Cost Including ADOT Fees (Part D + Part E)						\$5,111,416.86		\$4,048,673.37	\$558,869.49	