

GLN-BikePed-3

NEW RIVER NORTH PATHWAY

City of Glendale

Pedestrian, Bicycle and Shared Use Facility Application

MAG Transportation Improvement Program (TIP)

FFY 2014-2018



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	Glendale
2. Contact Name	Steve Hancock
3. Phone	623-930-2036
4. E-Mail Address	shancock@glendaleaz.com
5. Mailing Address	5800 W. Glenn Drive, Suite 315, Glendale, AZ 85301

Project Description 6. Please provide the Project Title.	New River North Pathway
7. Please provide a general description of the project (Please no more than 200 characters)	
This will be a 1/4 mile pathway segment on the east bank of New River that will connect an existing pathway in Glendale to a pathway in the City of Peoria that will be built in 2015.	
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)	<input type="checkbox"/>	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 type="checkbox"/>	Tunnel (underpass)	<input type="checkbox"/>	Mid-block crossing w/ pedestrian refuge
<input type="checkbox"/>	Paved shoulders (5' min.).	<input type="checkbox"/>	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 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)	<input type="checkbox"/>	Other <input type="text"/>
<input 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.

The improvement will be on the east bank of New River starting at Hillcrest Boulevard and ending 1/4 mile north of Hillcrest Boulevard.

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

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

Based on the total volume of traffic passing a nearby point on 67th Avenue in both directions in one year, divided by the number of days in a year.

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.

There are no utility conflicts.

Section 2 - Proposed Improvements

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

The work to be performed will be building a 10 foot wide, concrete pathway approximately one quarter mile in length on the east bank of The New River. At one end of the project a 5 feet deep, concrete lined drainage channel will be bridged and at the other end a drainage swale will be crossed using a box-culvert.

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

- AASHTO Guide for Bicycle Facilities
- MAG Pedestrian Policies and Design Guidelines
- MAG Complete Streets Guide

Other

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

The pathway project will provide a missing link in the New River shared-use pathway system that currently exists in Glendale and neighboring Peoria. This river bank pathway system is over 15 miles in total length and will connect to the Grand Canal Pathway system in south Glendale and central Phoenix and the AC/DC pathway system in central Glendale and Phoenix. In future years this interconnected system of shared-use pathways will be over 50 miles in total length providing an off-street transportation system for people commuting to work, cycling to major sports venues, and conducting daily travel trips.

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

The current surface is stable riverine rock, gravel, and sand. There is a slight downward slope to the river bed that could require fill work on the pathway bed.

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

- Wide bike lanes (6'-7')
- Grade-separated crossing (overpass or underpass)
- Signalized crossing
- Path lighting

Buffer Zone, Width

Other

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

- Wide sidewalk (8' min.)
- Grade-separated crossing (overpass or underpass)
- Signalized crossing
- Path lighting
- Shade

Buffer Zone, Width

Other

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

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

- Number of Drinking Fountains
- Number of Way-finding Signs
- Number of Bike racks/lockers
- Number of Trash receptacles
- Number of Seating/Rest(s)

Number of Trees/shade structures

Other

Due to reduced revenues from a sales tax for transportation projects many convenience improvements will be deferred to a later time.

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

- Number of Drinking Fountains
- Number of Way-finding Signs
- Number of Trash receptacles
- Number of Seating/Rest(s)

Number of Trees/shade structures

Other

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

Currently there is no connection in Glendale between Hillcrest Boulevard bike lanes and the existing segment of New River Pathway that ends at a drainage channel one quarter mile north of Hillcrest Boulevard. This project will bridge the drainage channel and provide a safe, shared pathway connection to Hillcrest and to a future New River Pathway in Peoria (to be built in 2015).

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

The pathway will be designed and built to meet all ADA standards for travel by people with disabilities. This will include a brushed concrete surface, 10-foot width to accommodate travel in both directions, railings on bridges and steep slopes, and ramps for access to and from roadways.

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

West Valley Rivers Multi-modal Transportation Corridor - New River

Multi Jurisdiccional Project

List of Participating Jurisdictions

City of Glendale, City of Peoria

Number of transit routes and Park & rides served.

List: route number(s)/park & ride(s) served.

Route numbers: 186, 170, 106, and 70. The pathway will also be accessible to the Park and Ride at Glendale Avenue and 99th Avenue. With connected pathways the number of transit routes increases significantly.

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:	Recommended
With new development and capital improvement projects, bike lanes on collector streets are:	Recommended
With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:	Recommended
With new development or during development retrofits, shared-use paths are:	Not Addressed
Bicycle program implemented, including bike education, safety events, and bike maps	Required
Complete Streets Policy	Not Addressed

26. The project is: (Check one)

- Identified in General Plan, council adopted policy, or Capital Improvements Program
List:
- 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.

Residents living within 1/4 mile of the project location will be invited to attend a public open house during the design phase. The project will be on display at the annual Glendale Family Bike Ride and the annual Glendale Onboard (GO) Open House that showcases all active transportation projects in the City of Glendale.

28. How will you determine customer satisfaction/evaluation?

Comments on all transportation facilities and projects are solicited at the annual GO Open House. Comments on bicycle facilities and projects are also solicited at the annual Glendale Family Bike Ride. The City of Glendale also has a Citizen Bicycle Advisory Committee that meets monthly to review bicycle projects and address citizen concerns about bicycle facility use.

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	20,000	
2. Design	194,500	
3. Right of way	10,000	
4. Utilities	0	
5. Construction	310,848	
6. Contingency	50,000	
7. Total Cost	585,348	

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

7,500	Note
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Requested MAG Programming	Year	Local Funding Source	Local Cost	Federal Cost	Total Cost
11. Design	2013	Sales Tax	184,500	Not Available	184,500
12. Right of way and Utilities	2013	Sales Tax	10,000	Not Available	10,000
13. Construction	2015	Sales Tax	39,998	330,850	370,848
			234,498	330,850	565,348

Pedestrian, Bicycle and Shared-Use Facility Project Application from Glendale for 'New River North Pathway'

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: Jamsheed Mehta

Title: Transportation Services Executive Director

Date: Sept 17, 2012

WILL FILL OUT AFTER QUESTIONS APPROVED.

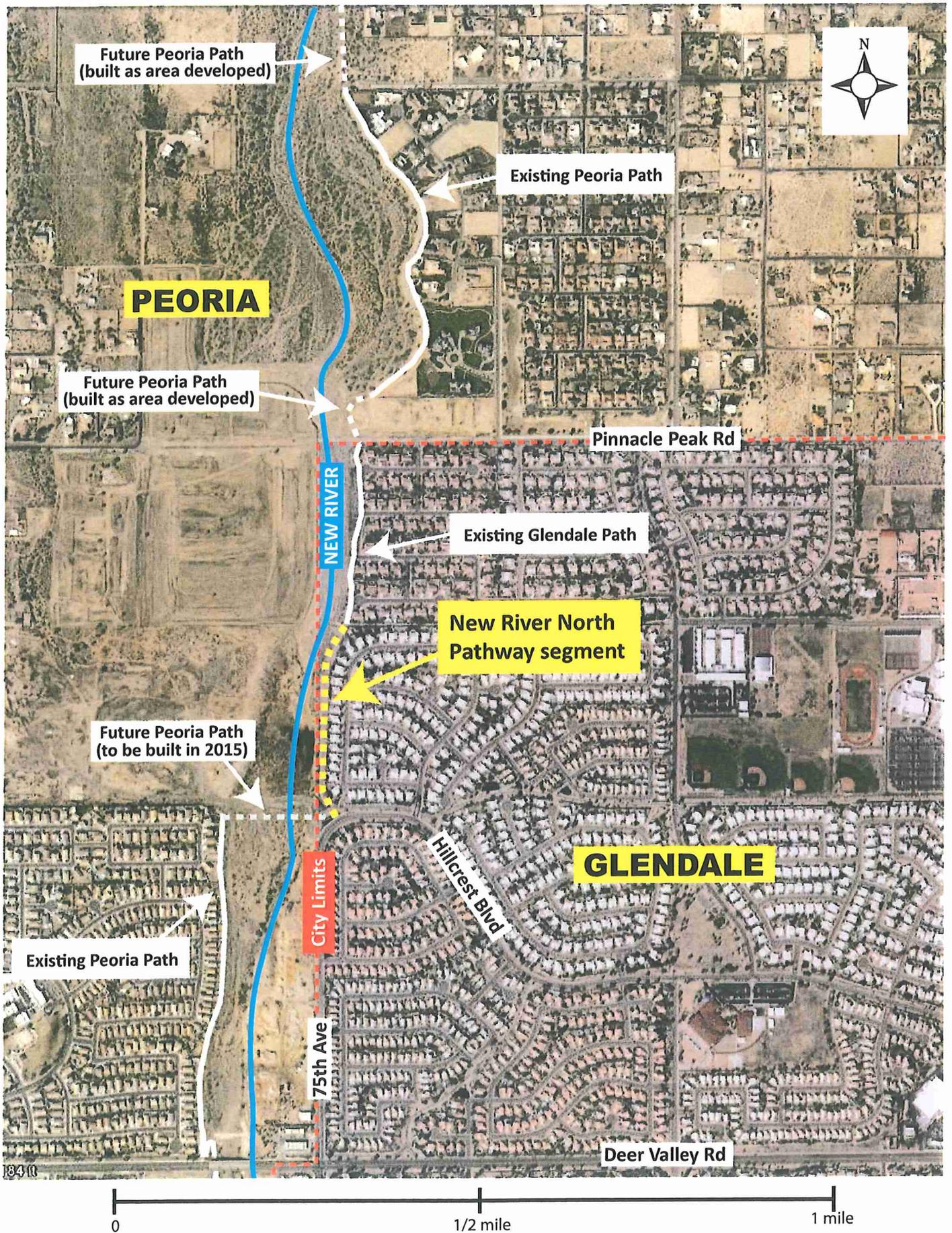
Checklist - OPTIONAL

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

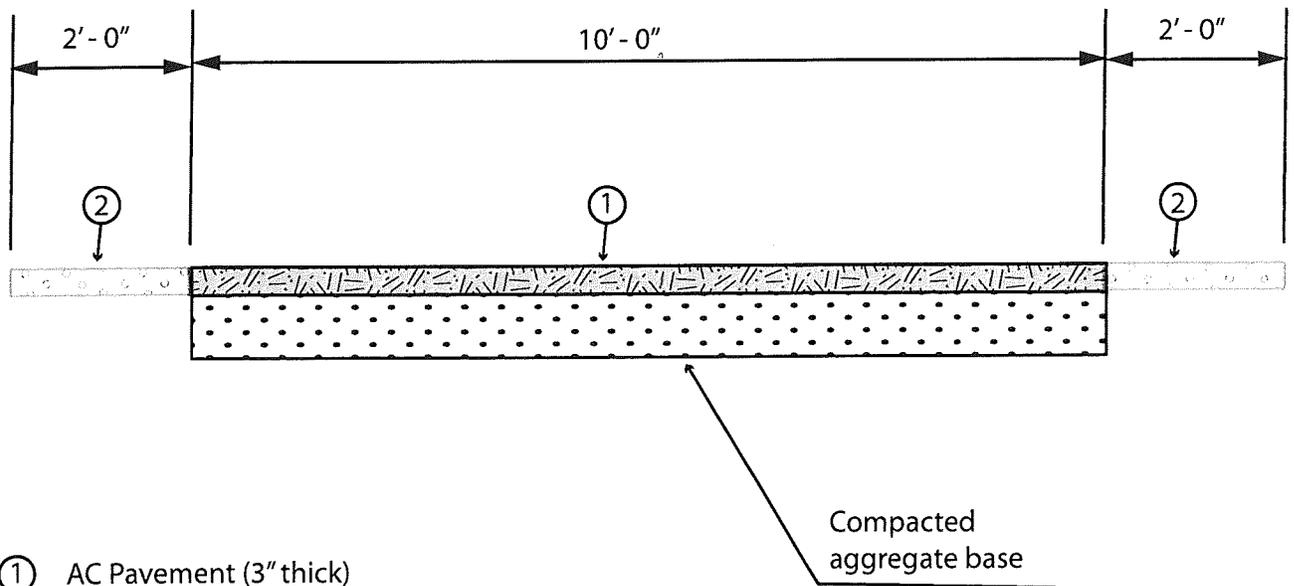
PART A - Contacts and Project Description Fields	Complete?
Contact Information, fields 1 – 5 are complete	
Project Description, fields 6 - 7 are complete	
Project Description, field 8 – project map is provided in the printed application. Please attach a PDF file in the electronic submittal.	
PART B -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

Pedestrian, Bicycle and Shared-Use Facility Project Application from Glendale for 'New River North Pathway'

New River North Pathway



New River North Pathway Segment - Typical Section



- ① AC Pavement (3" thick)
- ② Decomposed granite (2" min)

Compacted
aggregate base



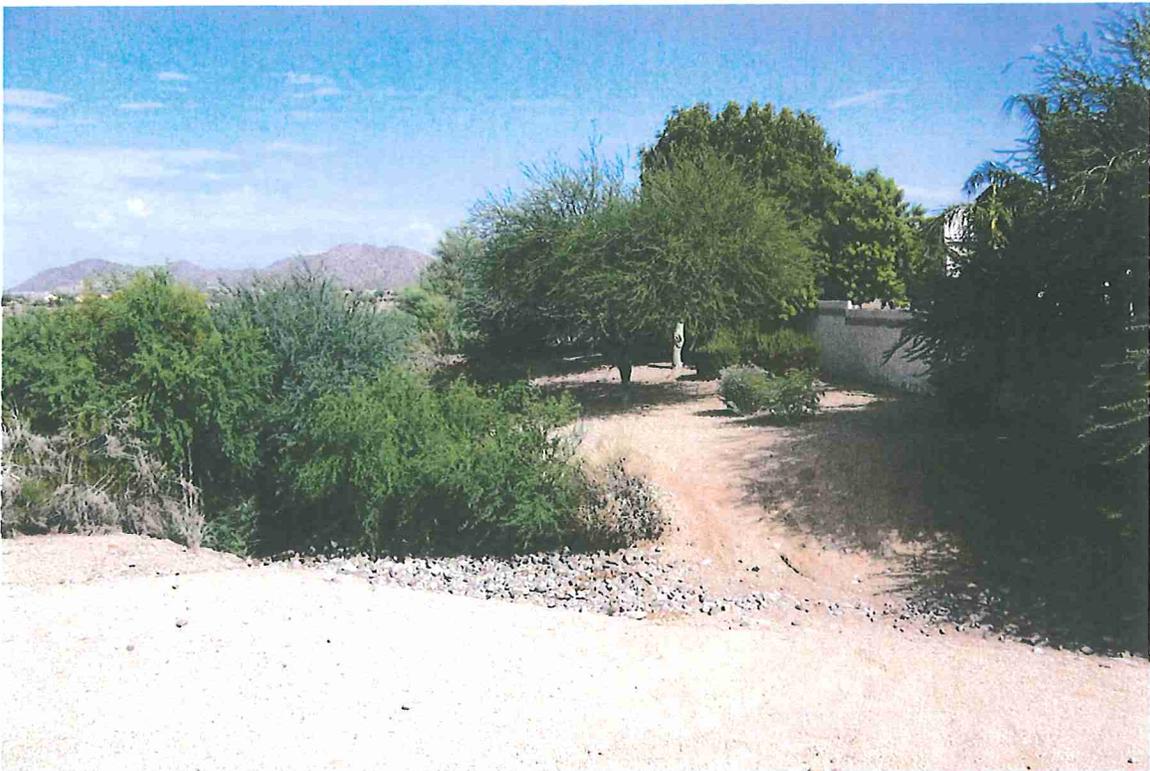
This is a typical linear section where a future pathway could be built. Right-of-way is very limited between the wall to the left and New River to the right. The photo was taken looking south.



This photo was taken standing on the east bank of New River looking west. The homes in the distance are in Peoria with an existing pathway along the development wall. A path would cross the river at this location to connect to Glendale paths. The drainage swale referred to on page 5 is in the photo foreground.



This is the drainage ditch that drains into New River. The existing Glendale pathway is to the left of the ditch. A pre-fabricated bridge with railings will be installed to span the ditch.



This is the swale that drains into New River. The river is to the left of the photo. This drainage will be crossed with the addition of a box culvert, headwalls, and railings.

Pedestrian/Bicycle Cost Estimation Form

Design Funding	Locally Funded	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)				
A. Scoping (15% Preliminary Engineering Design)	Locally Funded	1. SITE TOPOGRAPHIC SURVEY	LS	1	\$5,000.00	\$5,000.00	FALSE	\$0.00	\$5,000.00				
		2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$0.00	\$0.00	FALSE	\$0.00	\$0.00				
		3. ENVIRONMENTAL DETERMINATION (Infrastructure Projects, including technical supporting)	LS	1	\$40,000.00	\$40,000.00	FALSE	\$0.00	\$40,000.00				
		4. HAZMAT ASSESSMENT	LS	1	\$7,000.00	\$7,000.00	FALSE	\$0.00	\$7,000.00				
		Subtotal Scoping (Part A)					\$52,000.00		\$0.00	\$52,000.00			
		B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	Locally Funded	1. Right-of-Way Acquisition	LS	1	\$10,000.00	\$10,000.00	FALSE	\$0.00	\$10,000.00		
				2. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$100,000.00	\$100,000.00	FALSE	\$0.00	\$100,000.00		
				3. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$10,000.00	\$10,000.00	FALSE	\$0.00	\$10,000.00		
				4. DRAINAGE REPORT	LS	1	\$22,500.00	\$22,500.00	FALSE	\$0.00	\$22,500.00		
				5. SWPPP	LS	1	\$0.00	\$0.00	FALSE	\$0.00	\$0.00		
				Subtotal PE (Part B)					\$142,500.00		\$0.00	\$142,500.00	
				C. Construction Or Implementation For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4	Locally Funded	Installation Of SWPP Measures	LS	1	\$6,000.00	\$6,000.00	TRUE	\$5,658.00	\$342.00
						Site Preparation	LS	1	\$5,000.00	\$5,000.00	TRUE	\$4,715.00	\$285.00
						Sawcut	LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
						Remove Structures and Obstructions	LS	1	\$650.00	\$650.00	TRUE	\$612.95	\$37.05
Remove Fencing	LF					1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
Remove Structural Concrete	CY					1	\$50.00	\$50.00	TRUE	\$47.15	\$2.85		
Remove Asphaltic Concrete Pavement	CY						\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
Remove Concrete Sidewalks, Slabs	CY					100	\$50.00	\$5,000.00	TRUE	\$4,715.00	\$285.00		
Hazmat Abatement	LS					1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
Utility Relocation	LS	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Retaining Wall - Reinforced Concrete Cantilevered	SF	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
General Excavation	CY	139	\$12.00			\$1,668.00	TRUE	\$1,572.92	\$95.08				
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	50	\$10.00			\$500.00	TRUE	\$471.50	\$28.50				
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				
Concrete	SF	16,438	\$5.00			\$82,190.00	TRUE	\$77,505.17	\$4,684.83				
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				
Materials	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	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
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				
Crosswalk Enhancement	SF	100	\$20.00			\$2,000.00	TRUE	\$1,886.00	\$114.00				
Pedestrian ADA Ramp	LF	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	LF	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Standard	LF	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Decorative	LF	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Handrail	LF	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Subtotal Hardscape Construction							\$103,058.00	\$97,183.69	\$5,874.31				
Trees Above 15 Gallon In Size AS Required Per Local Code Or Special							\$0.00	\$0.00	\$0.00				
Design Requirements	Each	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Trees (15 Gallon Size)	Each	46	\$125.00			\$5,750.00	TRUE	\$5,422.25	\$327.75				
Trees (5 Gallon Size)	Each	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Shrubs (5 Gallon Size)	Each	280	\$37.50			\$10,500.00	TRUE	\$9,901.50	\$598.50				
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	CY	600	\$45.00			\$27,000.00	TRUE	\$25,461.00	\$1,539.00				
Organic	CY	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Topsoil	CY	26	\$85.00			\$2,210.00	TRUE	\$2,084.03	\$125.97				
Turf Sod	Sq	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Boulders	Each	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Irrigation System	Each	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Sleeving For Irrigation	SF	20,000	\$1.50			\$30,000.00	TRUE	\$28,290.00	\$1,710.00				
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				
Landscaping Header Curb	LF	1	\$0.00			\$0.00	TRUE	\$0.00	\$0.00				
Landscaping Establishment	LS	1	\$12,480.00	\$12,480.00	TRUE	\$11,768.64	\$711.36						
Subtotal Landscaping & Irrigation Items					\$87,940.00	\$82,927.42	\$5,012.58						
Benches	Each	2	\$1,200.00	\$2,400.00	TRUE	\$2,263.20	\$136.80						
Seatwalls	LF	1	\$100.00	\$100.00	TRUE	\$94.30	\$5.70						
Bike Racks	Each	2	\$2,500.00	\$5,000.00	TRUE	\$4,715.00	\$285.00						
Trash Receptacles	Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00						
Drinking Fountains	Each	1	\$4,500.00	\$4,500.00	TRUE	\$4,243.50	\$256.50						
Signage (Standard Traffic Control)	Each	6	\$400.00	\$2,400.00	TRUE	\$2,263.20	\$136.80						
Tree Grates	Each	1	\$450.00	\$450.00	TRUE	\$424.35	\$25.65						
Subtotal Site Furnishings					\$14,850.00	\$14,003.55	\$846.45						
North concrete channel crossing (bridge) with rails	Each	1	\$45,000.00	\$45,000.00	TRUE	\$42,435.00	\$2,565.00						
South drainage crossing (culvert and fill)	Each	1	\$20,000.00	\$20,000.00	TRUE	\$18,860.00	\$1,140.00						
Other Construction Items, Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows if Necessary)					\$0.00	\$0.00	\$0.00						
Subtotal Other Construction					\$65,000.00	\$61,295.00	\$3,705.00						
Contractor Mobilization	LS	1	\$20,000.00	\$20,000.00	FALSE	\$0.00	\$20,000.00						
Traffic Control	LS	1	\$5,000.00	\$5,000.00	TRUE	\$4,715.00	\$285.00						
Construction Survey & Layout	LS	1	\$5,000.00	\$5,000.00	TRUE	\$4,715.00	\$285.00						
Construction Contingencies	LS	1	\$50,000.00	\$50,000.00	TRUE	\$47,150.00	\$2,850.00						
Construction Administration	LS	1	\$20,000.00	\$20,000.00	TRUE	\$18,860.00	\$1,140.00						
Subtotal Mobilization & Administration Costs					\$100,000.00	\$95,440.00	\$4,560.00						
Subtotal Construction Or Implementation Cost (Part C)					\$565,348.00	\$530,849.66	\$34,498.34						
D. Total Scoping, PE and Construction (Part A, B, and C)					\$20,000.00	\$0.00	\$20,000.00						
E. Addt Fee For Pe Reviews And Staff Charges (The higher of \$20,000 or 2% of Total Cost (Part D))					\$585,348.00	\$555,849.66	\$29,498.34						
F. Total Project Cost Including ADOT Fees (Part D + Part E)					\$585,348.00	\$555,849.66	\$29,498.34						