



Roosevelt Row Pedestrian and Bicycle Improvement Project



ROOSEVELT STREET

**Congestion Mitigation and Air Quality (CMAQ)
Project Application
FY 2015 Application**

September 19, 2012

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)

<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	Phoenix
2. Contact Name	Gail Brinkmann, RLA
3. Phone	(602) 495-2073
4. E-Mail Address	gail.brinkmann@phoenix.gov
5. Mailing Address	1034 E. Madison Street, Phoenix, AZ 85003

Project Description 6. Please provide the Project Title.	Roosevelt Street Pedestrian and Bicycle Improvements Project
7. Please provide a general description of the project (Please no more than 200 characters)	
This project will reduce roadway width to allow more room to widen sidewalks, install landscape, pedestrian amenities and a bike lane. It will complete pedestrian improvements on Roosevelt Row.	
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"/> Bicycle lane (5' min. with curb/gutter)
<input type="checkbox"/> Shared-use path (10' min.)
<input type="checkbox"/> Bridge (overpass)
<input type="checkbox"/> Tunnel (underpass)
<input type="checkbox"/> Paved shoulders (5' min.). | <input type="checkbox"/> Shoulder paving is within 4-miles of a PM-10 monitor
Link MAG Webpage for Map of PM-10 Monitor Locations
<input type="checkbox"/> Signalized crossing
<input type="checkbox"/> Signalized midblock crossing/HAWK
<input type="checkbox"/> Mid-block crossing w/ pedestrian refuge
Other <input style="width: 150px;" type="text"/> |
|--|--|

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

- | | |
|--|--|
| <input type="checkbox"/> Sidewalk (5' min.)
<input checked="" type="checkbox"/> Wide sidewalk (8' min.)
<input type="checkbox"/> Detached sidewalk (4' min. buffer)
<input type="checkbox"/> Bridge (overpass)
<input type="checkbox"/> Tunnel (underpass) | <input checked="" type="checkbox"/> Signalized crossing
<input type="checkbox"/> Signalized midblock crossing/HAWK
<input checked="" type="checkbox"/> Mid-block crossing w/ pedestrian refuge
Other <input style="width: 150px;" type="text"/> |
|--|--|

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 Roosevelt Row Pedestrian & Bicycle Improvements Project is located entirely within existing right-of-way along Roosevelt Street between 4th Street and 7th Street in Phoenix, AZ.

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

Average Daily Traffic (ADT) is calculated by first normalizing to account for daily and seasonal fluctuations in traffic. ADT may not represent the actual count taken on a particular day but instead has been adjusted to represent anticipated traffic flow on an average day throughout the year. The daily factors are calculated by first averaging the by-directional traffic volume totals for the 12 full weeks of weekdays (1 week of weekdays in each month not containing a holiday). The factor is that average divided by the sum of each of the 12 instances of a weekday day.

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.

The City of Phoenix will prepare standard environmental assessments and NEPA clearance documents for this project. There may be register-eligible properties along the corridor but there will be no actual (direct) use nor will the project result in a constructive use of these Section 4(f) resources. It is anticipated that SHPO will determine that this project will have "no adverse effect" on the sites listed in or eligible for listing in the NRHP. At this time, there are no other known environmental issues that could affect work.

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.

The project is located entirely within existing City of Phoenix right-of-way. There are no 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 major utility conflicts know at this time. Only minor utility conflicts may need to be addressed such as adjusting valve boxes to new grades, moving catch basins, etc.

Section 2 - Proposed Improvements

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

This project will improve approximately 1,300 linear feet of the Roosevelt Street by narrowing the roadway in order to create space to widen the sidewalk between 3rd Street and 7th Street in accordance to MAG's Pedestrian Policies and Design Guidelines and Phoenix's Downtown Code. The project will add new bike lanes; retain some on-street parking and add landscaped bump-outs; plant trees in tree grates and construct shade canopies where trees cannot be planted due to overhead power conflicts; install benches, trash receptacles, bike racks, and pedestrain lighting.

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?

Roosevelt Row has reinvented itself from a blighted area to the epicenter of the Phoenix art scene. As more people have ventured into the area to experience the cultural vibrancy, Roosevelt Row has become an eclectic mix of rehabilitated adaptive-reuse properties with a significant concentration of artists and other creative professionals including galleries, boutiques, record shops, bakeries and other small businesses. Although these shops are open daily, on the first Friday evening of each month, Roosevelt Row hosts "First Fridays", the largest monthly artwalk in the United States where more than 15,000 people come to downtown Phoenix to enjoy the galleries and restaurants. Other smaller events such as Third Fridays, Second Saturday Sidewalk Sales, and the annual Roosevelt Row Harvest Festival also attract crowds to Roosevelt Row. Crowds are drawn from ASU student housing located just four blocks south of Roosevelt Row and from the Light Rail station at Roosevelt and Central. Increasing interest in the area has prompted Roosevelt Row to become a more pedestrian-friendly street.

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

The asphalt roadway is approximately 60 feet wide. Concrete sidealks are 5 foot wide. Existing planter areas are mostly bare.

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

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

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

Artist-designed shade structures

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

Narrowing the roadway will help reduce speed of traffic on Roosevelt Street. New mid-block crossings will reduce number of jay-walkers by offering pedestrians opportunities to cross the street at designated crossings. The addition of pedestrian lighting will provide comfort for night-time users.

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

The reduced width of the roadway will make crossing the street easier for persons with disabilities. New accessible ramps will be constructed at all intersections within the project area.

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 Jurisdiccional Project

List of Participating Jurisdictions

Number of transit routes and Park & rides served.

List: route number(s)/park & ride(s) served.
Valley Metro Routes 7, 10, 514, 520, 521, 522, 531, 533, 535, 541and 542.

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:
Margaret T. Hance Park, Phoenix Center for the Arts, Burton Barr Library, Japanese Friendship Garden, Irish Cultural Center, Arizona Fewish Historical Society

1/4 mile to 1/2 mile
List:
Cancer Survivor's Park, Roosevelt Park, Civic Space Park, Phoenix Art Museum, YWCA, Phoenix Trolley Museum, Portland Parkway

1/2 mile to 1 mile
List:
Verde Park and Recreation Center, Heritage Square Park, Monterey Park, Hu-O-Te Park, Heard Museum

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:
Roosevelt Row; Copper Square - Downtown Business Core; and Valley Metro Routes 7, 10, 514, 520, 521, 522, 531, 533, 535, 541 and 542

1/4 mile to 1/2 mile
List:
Roosevelt Row; Copper Square - Downtown Business Core

1/2 mile to 1 mile
List:
Midtown Business District, Capitol Mall

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

Within 1/4 mile
List:
Kenilworth Elementary, Arizona School for the Arts, Downtown ASU, Montessori School, Bioscience HS, New World Educational Center, Summit Elementary

1/4 mile to 1/2 mile
List:
U of A Medical Center, ASU Preparatory Academy, Suns-Diamondbacks Education Academy

1/2 mile to 1 mile
List:
Garfield Elementary, Metropolitan Arts Institute, Arizona Call-A-Teen Center for Excellence School, Children first Academy, Genesis Academy, Summit High School, Faith North School, Ralph Waldo Emerson Elementary School

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

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:	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	Recommended
Complete Streets Policy	Recommended

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.

Phoenix will follow the NEPA scoping process. Scoping letters will be sent to affected/involved agencies and public including property owners of adjacent properties. The 2012 stakeholders group developed to provide guidance during preparation of plans to narrow Roosevelt Street between Central Avenue and 3rd Street will be updated. Members including adjacent property owners, various downtown organizations and neighborhood groups will be invited to final design and pre-constuction meetings.

28. How will you determine customer satisfaction/evaluation?

An increase in pedestrians and development in between the downtown business core, ASU campus and Roosevelt Row and Margaret T. Hance Park will reflect customer satisfaction with this project.

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	None
2. Design	99,000	None
3. Right of way	10,000	None
4. Utilities	10,000	None
5. Construction	795,610	None
6. Contingency	50,000	None
7. Total Cost	979,610	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

20,000	Note
--------	------

Requested MAG Programming	Year	Local Funding Source	Local Cost	Federal Cost	Total Cost
11. Design	2013	HURF	99,000	Not Available	99,000
12. Right of way and Utilities	2013	HURF	20,000	Not Available	20,000
13. Construction	2015	HURF	45,350	750,260	795,610
			164,350	750,260	914,610

Pedestrian, Bicycle and Shared-Use Facility Project Application from Phoenix for 'Roosevelt Street Pedestrian and Bicycle Improvements Project'

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: Rick Naimark

Title: Deputy City Manager

Date: September 18, 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	<input checked="" type="checkbox"/>
Project Description, fields 6 - 7 are complete	<input checked="" type="checkbox"/>
Project Description, field 8 – project map is provided in the printed application. Please attach a PDF file in the electronic submittal.	<input checked="" type="checkbox"/>
PART B - Segment Description and Proposed Improvements Fields	Complete?
Project Description, Section 1	
Fields 1 - 2 are complete	<input checked="" type="checkbox"/>
Field 3 – segment alignment map is provided in the printed application. Please attach PDF file in the electronic submittal.	<input checked="" type="checkbox"/>
Field 4 - please check box if included and provided in the printed application. Please attach PDF file in the electronic submittal.	<input checked="" type="checkbox"/>
Fields 5 – 10 are complete	<input checked="" type="checkbox"/>
Proposed Improvements, Section 2	
Fields 11 – 28 are complete	<input checked="" type="checkbox"/>
PART C - Total Project Schedule and Budget Including All Segment Fields	Complete?
Fields 1 – 7 are complete	<input checked="" type="checkbox"/>
Field 8 - please check box if included and provided in the printed application. Please attach PDF file in the electronic submittal.	<input checked="" type="checkbox"/>
Field 9 - 10 are complete	<input checked="" type="checkbox"/>
Fields 11 – 13 Years are complete	<input checked="" type="checkbox"/>
Fields 11 – 13 Local Funding Sources are complete	<input checked="" type="checkbox"/>
Fields 11 – 13 Local Costs are complete	<input checked="" type="checkbox"/>
Field 11 - 13 Federal Costs are complete	<input checked="" type="checkbox"/>
PART D - Signature Page Fields	Complete?
Form is signed	<input checked="" type="checkbox"/>
Name, title and date fields are completed.	<input checked="" type="checkbox"/>

Pedestrian, Bicycle and Shared-Use Facility Project Application from Phoenix for 'Roosevelt Street Pedestrian and Bicycle Improvements Project'

Roosevelt Row Pedestrian Improvements Project



Project Location

Bus Stop

Light Rail Stop

Point of Pride

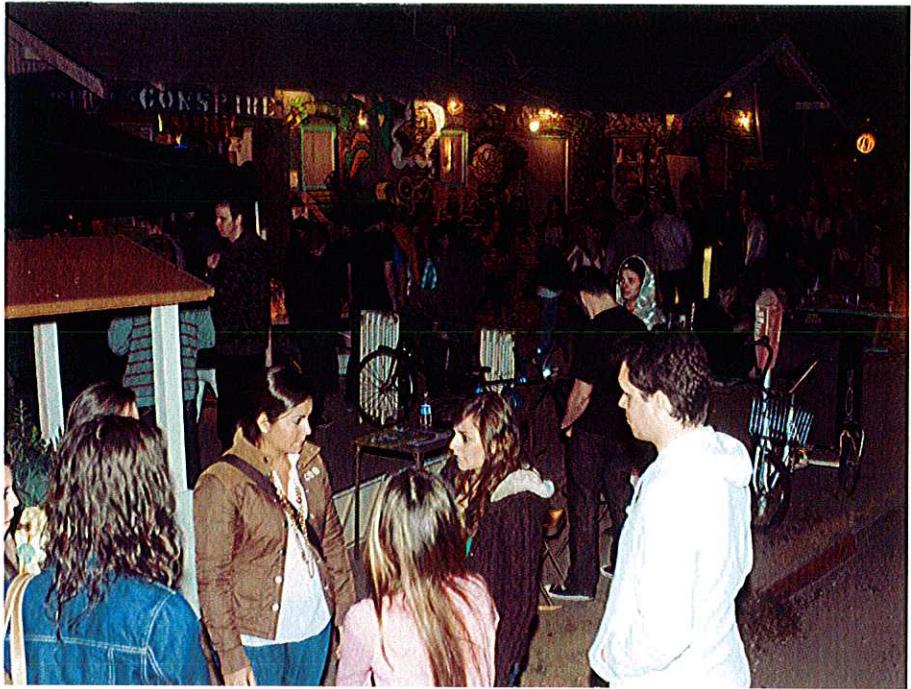
School



City of Phoenix

Roosevelt Row Pedestrian & Bicycle Improvements Project Existing Conditions

Existing sidewalks are narrow and not adequate for crowds on First Friday Art Walks, Third Friday Gallery Nights, and during many other events held throughout the year on Roosevelt Row.



Narrowing the roadway will help to create space for wider sidewalks and landscape.





City of Phoenix

Roosevelt Row Pedestrian & Bicycle Improvements Project Existing Conditions

Several community groups are focusing on adaptive reuse of temporary space along Roosevelt Row. The A.R.T.S. Market provides a venue for community gathering, collaboration and cultural enrichment through the arts.



New student housing on the southwest corner of 4th Street and Roosevelt is under construction and is anticipated to open in August 2013.





City of Phoenix

Roosevelt Row Pedestrian & Bicycle Improvements Project Existing Conditions

New shade trees, decorative pavement, pedestrian lighting and artist designed shade structures will make travel along Roosevelt Row more comfortable.



Narrowing the roadway and adding bike lanes will encourage vehicular traffic to slow down.



Art display opportunities at enhanced corners

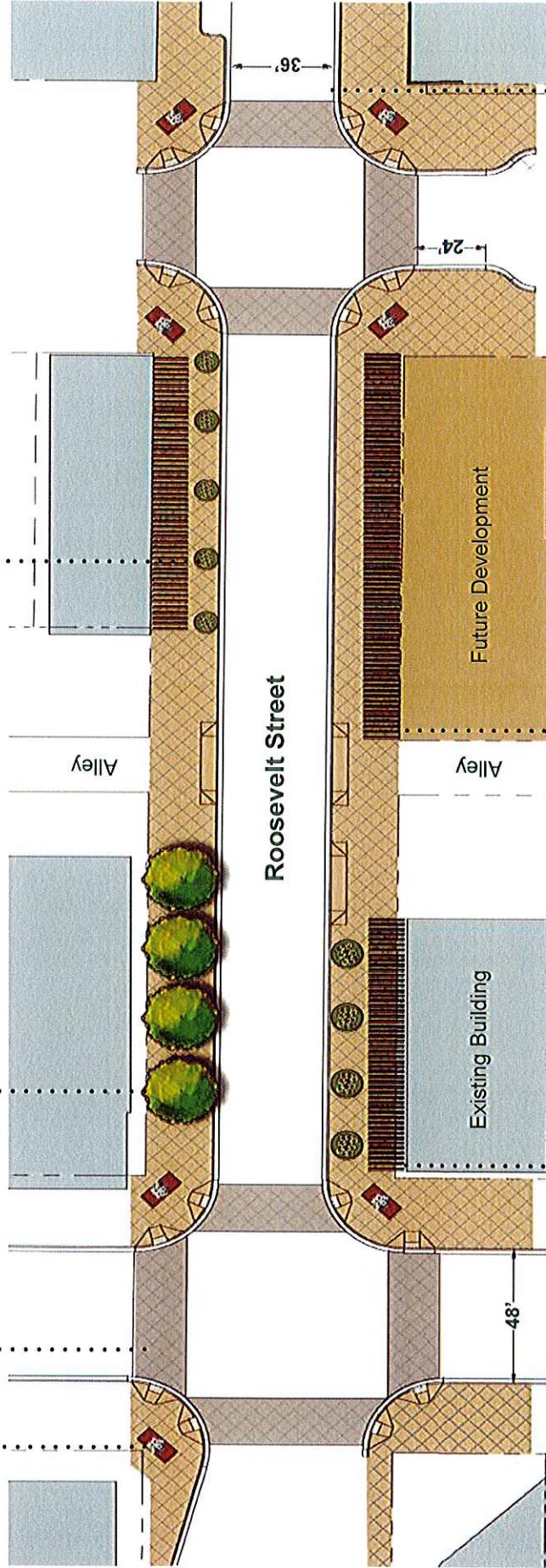
Exposed aggregate crosswalks

Planted Trees and Optional Grates by Owner at time of project development if there are no overhead or underground utility conflicts. Irrigation and maintenance of all landscape shall be by Owner.

Sleeving for irrigation will be installed by COP street improvement project under sidewalks for use by Owner to install irrigation system.

Above Grade Planters as Streetscape Landscape Element where there are overhead or underground utility conflicts. Irrigation, installation, and maintenance shall be by Owner.

Sleeving for irrigation will be installed by COP street improvement project under sidewalks for use by Owner to install irrigation system.

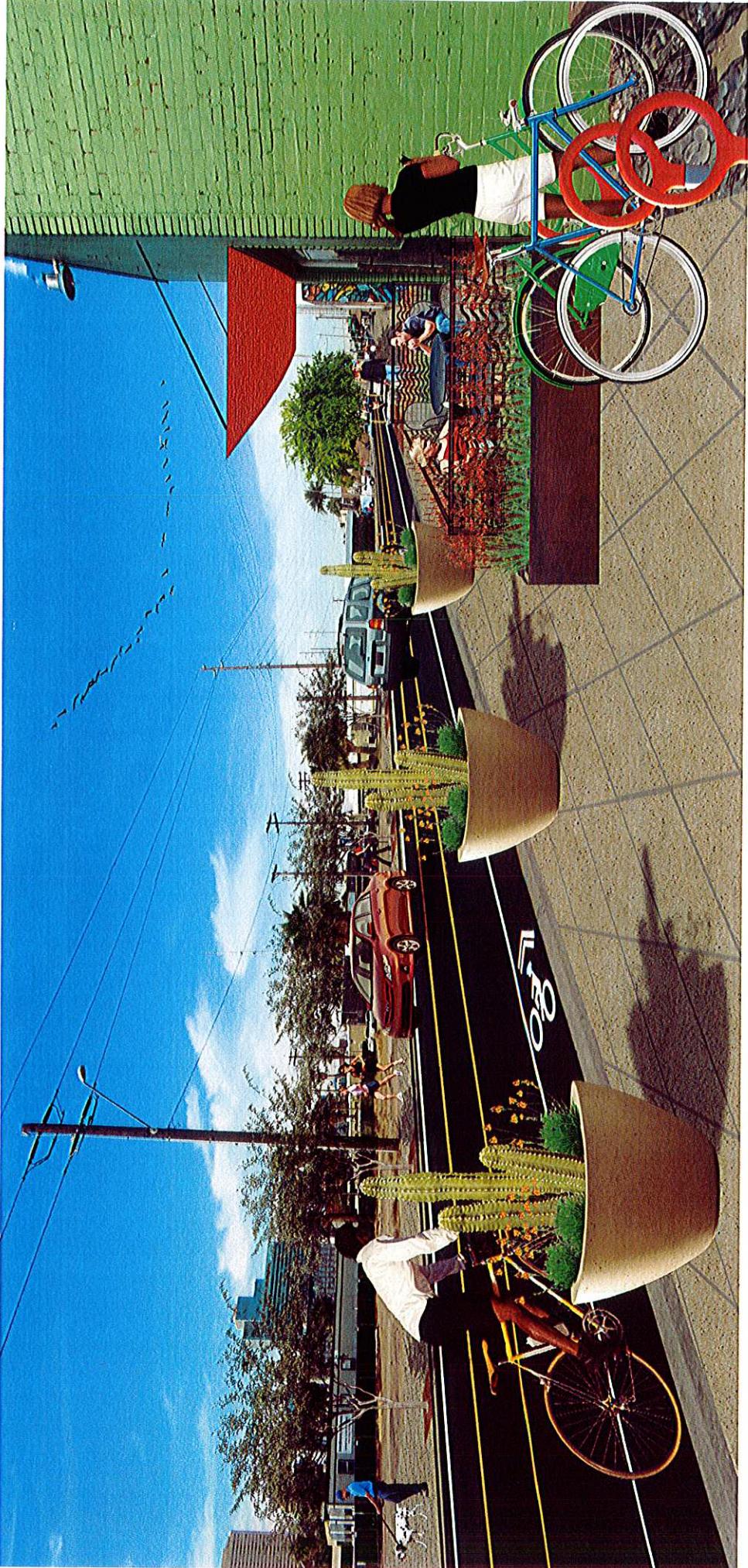


Shade Structures for existing buildings will be installed by COP street improvement project.

Shade Structures for future development to be constructed by Owner at time of project development.

Street Narrowing at time of COP street improvement project.

13 Summary of Improvements Public and Private Improvements



Pedestrian/Bicycle Cost Estimation Form

Design Funding	Locally Funded							
Part	Item Description							Local Funds (5.7%)
	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	
A. Scoping (15% Preliminary Engineering Design)	1. SITE TOPOGRAPHIC SURVEY	LS	1	\$3,000.00	FALSE	\$0.00	\$3,000.00	
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$5,000.00	FALSE	\$0.00	\$5,000.00	
	3. ENVIRONMENTAL DETERMINATION (infrastructure projects, including technical supporting	LS	1	\$15,000.00	FALSE	\$0.00	\$15,000.00	
	4. HAZMAT ASSESSMENT	LS	1	\$2,000.00	FALSE	\$0.00	\$2,000.00	
	Subtotal Scoping (Part A)				\$25,000.00	FALSE	\$0.00	\$25,000.00
	1. Right-of-Way Acquisition	LS	1	\$0.00	FALSE	\$0.00	\$0.00	
	2. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$70,000.00	FALSE	\$0.00	\$70,000.00	
	3. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$2,500.00	FALSE	\$0.00	\$2,500.00	
	4. DRAINAGE REPORT	LS	1	\$1,500.00	FALSE	\$0.00	\$1,500.00	
	5. SWPPP	LS	0	\$0.00	FALSE	\$0.00	\$0.00	
				\$74,000.00	FALSE	\$0.00	\$0.00	
C. Construction Or Implementation For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4	1. Hardscape Construction							\$0.00
	Site Preparation							\$171.00
	Misc. Removals							\$285.00
	Remove Structures and Obstructions							\$570.00
	Remove Fencing							\$0.00
	Remove Structural Concrete							\$0.00
	Remove Asphaltic Concrete Pavement							\$1,824.00
	Remove Concrete Sidewalks, Slabs							\$25,932.50
	Hazard Abatement							\$0.00
	Utility Relocation							\$2,850.00
	Retaining Wall - Reinforced Concrete Cantilevered							\$0.00
	General Excavation							\$0.00
	Drainage Excavation							\$0.00
	Structural Excavation							\$0.00
	Structural Backfill							\$0.00
Borrow (In Place)							\$0.00	
Curb & Gutter							\$4,275.00	
Aggregate Base							\$0.00	

2. Landscaping & Irrigation Items	Pathway Or Sidewalk Materials	Concrete	SF	20,000	\$4.50	\$90,000.00	TRUE	\$84,870.00	\$5,130.00		
		Colored Concrete	SF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Stamped Color Concrete	SF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Permeable Concrete Pavers	SF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Asphaltic Concrete	Ton	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Polymer or Resin Stabilized Surface	SF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Concrete Pavers	SF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Stamped Asphalt	SF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Stamped Concrete	SF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Concrete	SF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Crosswalk Enhancement	Integral Color Concrete	SF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Pedestrian ADA Ramp	SF	450	\$13.00	\$5,850.00	TRUE	\$5,516.55	\$333.45		
	Culvert Extensions	Pedestrian Lighting Including Conduit And Trenching	LS	1	\$110,000.00	\$110,000.00	TRUE	\$103,730.00	\$6,270.00		
		Standard	LF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Handrail	Decorative	LF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
		Subtotal Hardscape Construction				\$418,350.00		\$394,504.05	\$23,845.95		
	3. Site Furnishings	Trees Above 1.5 Gallon In Size As Required Per Local Code Or Special Design Requirements	Trees (15 Gallon Size)	Each	40	\$350.00	\$14,000.00	TRUE	\$13,202.00	\$798.00	
			Trees (5 Gallon Size)	Each	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Shrubs (5 Gallon Size)	Each	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Shrubs (1 Gallon Size)	Each	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Cactus (5 Gallon Size)	Each	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Mulch	Decomposed Granite	CY	40	\$85.00	\$3,400.00	TRUE	\$3,206.20	\$193.80
				Organic	CY	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
Structural Soil			Structural Soil	CY	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Seeding	Acre	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
Turf Sod			Turf Sod	SY	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Boulders	Each	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
Irrigation System			Drip	LS	1	\$40,000.00	\$40,000.00	TRUE	\$37,720.00	\$2,280.00	
			Turf	SF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
Sleeving For Irrigation System			Directional Bore	LF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Cut and Patch	LF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
Landscape Header Curb			Landscape Establishment	LF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Subtotal Landscaping & Irrigation Items	LS	1	\$4,000.00	\$4,000.00	TRUE	\$3,772.00	\$228.00	
Benches			Benches	Each	6	\$2,050.00	\$12,300.00	TRUE	\$11,598.90	\$701.10	
			Seatwalls	LF	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
Bike Racks			Bike Racks	Each	10	\$1,200.00	\$12,000.00	TRUE	\$11,316.00	\$684.00	
			Trash Receptacles	Each	6	\$500.00	\$3,000.00	TRUE	\$2,829.00	\$171.00	
Drinking Fountains			Drinking Fountains	Each	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
			Signage (Standard Traffic Control)	Each	0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	

Tree Grates		Each	20	\$2,000.00	\$40,000.00	TRUE	\$37,720.00	\$2,280.00
Subtotal Site Furnishings					\$67,300.00		\$63,463.90	\$3,836.10
Asphalt Concrete Base		Ton	100	\$95.00	\$9,500.00	TRUE	\$8,958.50	\$541.50
Asphalt Concrete Surface Course		Ton	50	\$95.00	\$4,750.00	TRUE	\$4,479.25	\$270.75
Tack Coat		Ton	1	\$1,400.00	\$1,400.00	TRUE	\$1,320.20	\$79.80
Permanent Pavement Replacement		SY	8	\$45.00	\$360.00	TRUE	\$339.48	\$20.52
Concrete Pavement, 8" for Parking		SY	10	\$55.00	\$550.00	TRUE	\$518.65	\$31.35
			0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			0	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
Subtotal Other Construction			0		\$16,560.00		\$15,616.08	\$943.92
Contractor Mobilization		LS	0	\$0.00	\$0.00	FALSE	\$0.00	\$0.00
Traffic Control		LS	1	\$12,000.00	\$12,000.00	TRUE	\$11,316.00	\$684.00
Construction Survey & Layout		LS	1	\$50,000.00	\$50,000.00	TRUE	\$47,150.00	\$2,850.00
Construction Contingencies		LS	1	\$50,000.00	\$50,000.00	TRUE	\$47,150.00	\$2,850.00
Construction Administration		LS	1	\$120,000.00	\$120,000.00	TRUE	\$113,160.00	\$6,840.00
Subtotal Mobilization & Administration Costs					\$232,000.00		\$218,776.00	\$13,224.00
Subtotal Construction Or Implementation Cost (Part C)					\$795,610.00		\$750,260.23	\$45,349.77
D. Total Scoping, PE and Construction (Part A, B, and C)					\$894,610.00		\$750,260.23	\$141,349.77
E. Adot Fee For Pe Reviews And Staff Charges (The higher of \$20,000 or 2% of Total Cost (Part D))					\$20,000.00	FALSE	\$0.00	\$20,000.00
F. Total Project Cost Including ADOT Fees (Part D + Part E)					\$914,610.00		\$750,260.23	\$164,349.77