

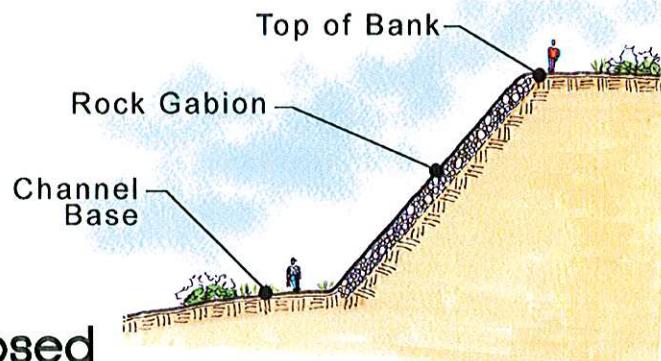
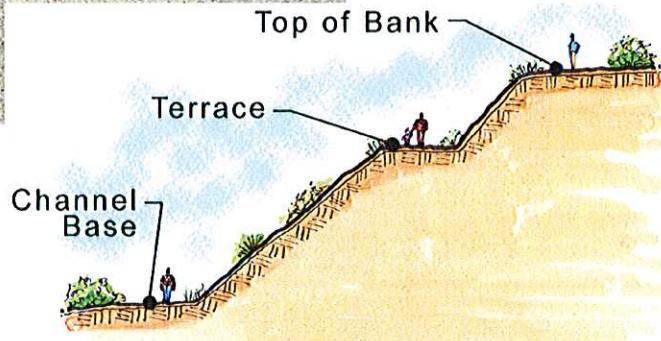


City of Phoenix

# Rio Salado Pathway 32nd Street Alignment to 40th Street



Existing



Proposed



Existing

**Congestion Mitigation and  
Air Quality (CMAQ)  
Project Application  
FY 2016 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    | <a href="mailto:gail.brinkmann@phoenix.gov">gail.brinkmann@phoenix.gov</a> |
| 5. Mailing Address   | 1034 E. Madison Street, Phoenix, AZ 85003                                  |

#### Project Description

|   |  |
|---|--|
| 6. Please provide the Project Title.  | Rio Salado Pathway: 32nd Street alignment to 40th Street |
| 7. Please provide a general description of the project (Please no more than 200 characters) |  |

This phase of the Rio Salado Pathway (32nd Street alignment to 40th Street) will construct a 12-foot wide paved multi-modal path on the south bank of the Salt River.

**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) | <a href="#">Link MAG Webpage for Map of PM-10 Monitor Locations</a> |  |
| <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.)               | 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)                  | 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.

Rio Salado Pathway (south bank of the Salt River) from approximately 32nd Street alignment to 40th Street.

Federal Functional Classification of the Facility

No Classified

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

Type of Facility the Improvement will be located on

Unpaved Road/Path

1.1 Length (in Miles)

n/a Posted Speed Limit (MPH)

n/a Through Lanes

X 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

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.

At this time, there are no known utility conflicts.

**Section 2 - Proposed Improvements**

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

This phase of the Rio Salado Pathway project along the south bank of the Salt River will construct approximately 5,800 linear feet of paved, multi-modal pathway with shoulders between the 32nd Street alignment and 40th Street. The multi-modal path will connect to the portion which FHWA recently obligated for construction (Salt River: 24th Street to I-10/Tempe Drain). If permitted by FEMA, outlooks (seating areas) will also be constructed along the pathway. A trailhead off of the 40th Street cul-de-sac will also be constructed along with a pathway ramp.

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 2005 MAG Design Assistance funded feasibility study for 4 mile segment of Rio Salado Pathway between 24th Street in Phoenix to Priest Drive in Tempe.

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

The goal of this multi-modal project is to provide the critical missing link between Phoenix's and Tempe's Rio Salado projects. This in turn will connect to an entire regional system including the Indian Bend Wash in Scottsdale, the West Valley Corridor in Avondale, Glendale and Peoria, and the Phoenix Sonoran bikeway. The path will promote an alternative to automobile travel, thus encouraging physical activity, while improving air quality and decreasing traffic congestion. The project will enrich the lives of residents in both Phoenix and Tempe. It will especially benefit the underserved South Phoenix Village where the city has been undertaking revitalization activities since 1980.

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

Currently, the south bank of the Salt River is an unpaved maintenance road.

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

12' wide paved pathway

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

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?

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

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.

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:    | 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 owners of adjacent properties. The stakeholders group developed during the 2005 feasibility study funded by MAG Design Assistance program will be updated and members will be invited to final design and pre-construction meetings. (The 2005 stakeholders group consisted of staff from Tempe and Phoenix including key personnel from Sky Harbor Airport, the Arizona Department of Transportation, the Maricopa Association Governments, and members of the bicycle community).

28. How will you determine customer satisfaction/evaluation?

An increase in pathway users between Phoenix's and Tempe's Rio Salado projects will reflect customer satisfaction with this project.

CLARIFICATION TO QUESTION #B-6

Although the housing density in the project area is small, there is a large employment base. Further, this project completes an important regional connection allowing movement of people from all housing and income levels throughout the valley.

Number of Employees –  
Daytime Population July 1, 2011  
11,064

Source: North American Industrial Classification System, Employers with 5 or More Employees July 1, 2011. Maricopa Association of Governments.

**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  | 30,420    | None                        |
| 2. Design  | 250,000   | None                        |
| 3. Right of way                                      | 20,000    | None                        |
| 4. Utilities   | 20,000    | None                        |
| 5. Construction                                      | 1,190,500 | None                        |
| 6. Contingency                                       | 25,000    | None                        |
| 7. Total Cost  | 1,535,920 | 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?

|                                      |        |      |
|--------------------------------------|--------|------|
| 10. Expected Annual Maintenance Cost | 12,000 | Note |
|--------------------------------------|--------|------|

| Requested MAG Programming      | Year | Local Funding Source | Local Cost | Federal Cost  | Total Cost |
|--------------------------------|------|----------------------|------------|---------------|------------|
| 11. Design                     | 2013 | HURF                 | 250,000    | Not Available | 250,000    |
| 12. Right of way and Utilities | 2013 | HURF                 | 40,000     | Not Available | 40,000     |
| 13. Construction               | 2015 | HURF                 | 67,858     | 1,122,642     | 1,190,500  |
|                                |      |                      | 357,858    | 1,122,642     | 1,480,500  |

Pedestrian, Bicycle and Shared-Use Facility Project Application from Phoenix for 'Rio Salado Pathway: 32nd Street alignment to 40th Street'

**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: *R. Nalmark*

Name: Rick Nalmark

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.

| <b>PART A - Contacts and Project Description Fields</b>  | <b>Complete?</b> |
|--|------------------|
| 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. |                  |
| <b>PART B - Segment Description and Proposed Improvements Fields</b>   | <b>Complete?</b> |
| <b>Project Description, Section 1</b>  |                  |
| 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   |                  |
| <b>Proposed Improvements, Section 2</b>  |                  |
| Fields 11 – 28 are complete  |                  |
| <b>PART C - Total Project Schedule and Budget Including All Segment Fields</b>   | <b>Complete?</b> |
| 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   |                  |
| <b>PART D - Signature Page Fields</b>  | <b>Complete?</b> |
| Form is signed   |                  |
| Name, title and date fields are completed.   |                  |

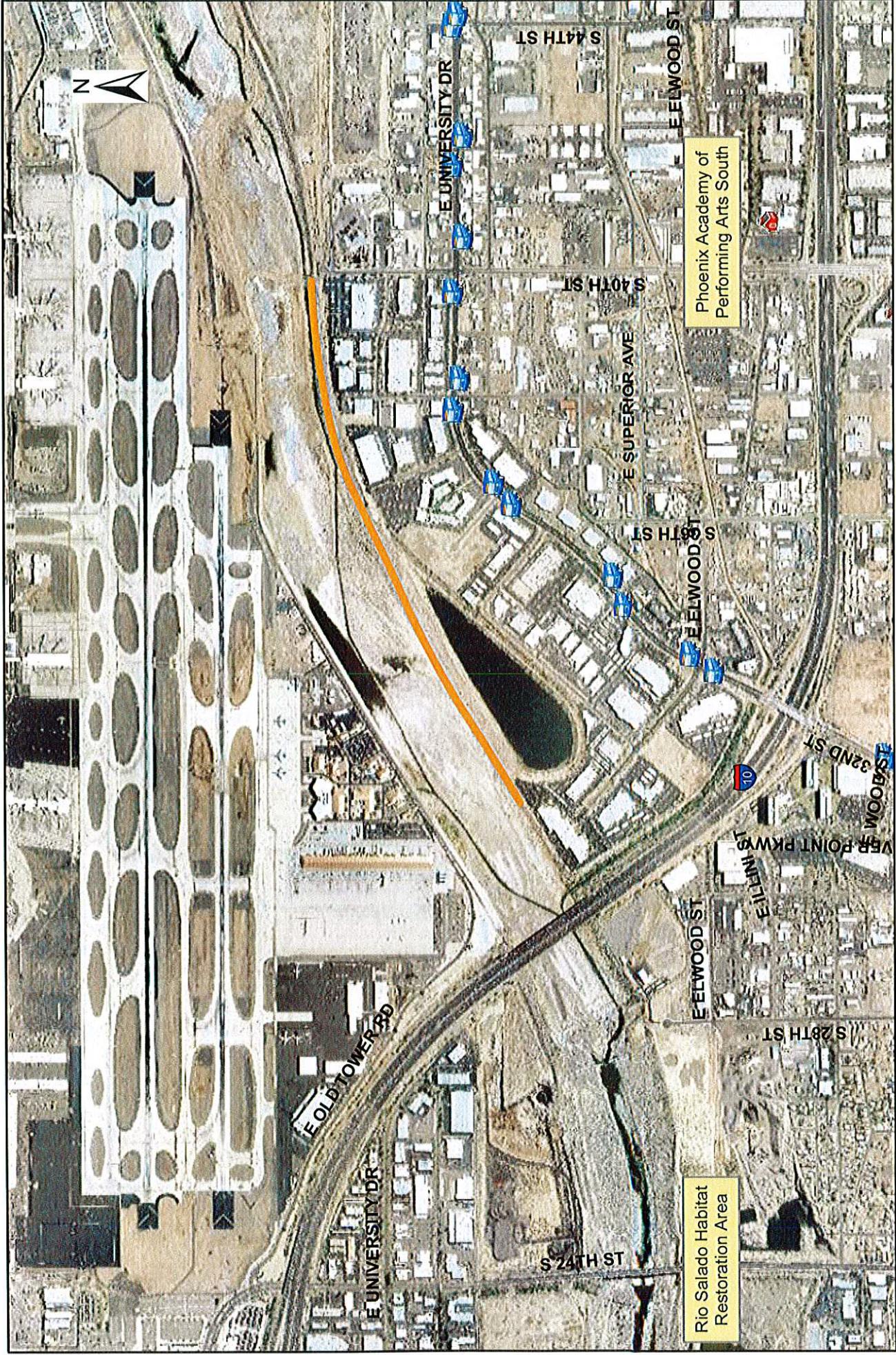
Pedestrian, Bicycle and Shared-Use Facility Project Application from Phoenix for 'Rio Salado Pathway: 32nd Street alignment to 40th Street'

# 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        | \$10,000.00         | \$10,000.00        | FALSE              | \$0.00                | \$10,000.00        |                    |
|  |                | 2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN                                       | LS      | 1        | \$7,000.00          | \$7,000.00         | FALSE              | \$0.00                | \$7,000.00         |                    |
|  |                | 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        | \$3,500.00          | \$3,500.00         | FALSE              | \$0.00                | \$3,500.00         |                    |
|  |                | <b>Subtotal Scoping (Part A)</b>  |         |          |                     | <b>\$60,500.00</b> |                    |                       | <b>\$0.00</b>      | <b>\$60,500.00</b> |
|  |                | 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        | \$250,000.00        | \$250,000.00       | FALSE              | \$0.00                | \$250,000.00       |                    |
|  |                | 3. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report                    | LS      | 1        | \$5,000.00          | \$5,000.00         | FALSE              | \$0.00                | \$5,000.00         |                    |
|  |                | 4. DRAINAGE REPORT  | LS      | 1        | \$5,000.00          | \$5,000.00         | FALSE              | \$0.00                | \$5,000.00         |                    |
|  |                | 5. SWPPP  | LS      | 1        | \$0.00              | \$0.00             | FALSE              | \$0.00                | \$0.00             |                    |
|  |                |   |         |          | <b>\$270,000.00</b> |                    | <b>\$0.00</b>      | <b>\$0</b>            |                    |                    |
| C. Construction Or Implementation For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4 | Locally Funded | Installation Of SWPP Measures   | LS      | 1        | \$10,000.00         | \$10,000.00        | TRUE               | \$9,430.00            | \$570.00           |                    |
|  |                | Site Preparation  | LS      | 1        | \$20,000.00         | \$20,000.00        | TRUE               | \$18,860.00           | \$1,140.00         |                    |
|  |                |   | LF      | 1        | \$0.00              | \$0.00             | TRUE               | \$0.00                | \$0.00             |                    |
|  |                | Remove Structures and Obstructions  | LS      | 1        | \$25,000.00         | \$25,000.00        | TRUE               | \$23,575.00           | \$1,425.00         |                    |
|  |                | 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      | 0        | \$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      | 3,000    | \$75.00             | \$225,000.00       | TRUE               | \$212,175.00          | \$12,825.00        |                    |
|  |                | General Excavation  | CY      | 1        | \$0.00              | \$0.00             | TRUE               | \$0.00                | \$0.00             |                    |
|  |                | 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      | 10,000   | \$10.00             | \$100,000.00       | TRUE               | \$94,300.00           | \$5,700.00         |                    |
|  |                | 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      | 1        | \$0.00              | \$0.00             | TRUE               | \$0.00                | \$0.00             |                    |
|  |                | 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             | 1   | \$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             |                       |                    |                    |
| Integral Color Concrete  | SF             | 0   | \$0.00  | \$0.00   | TRUE                | \$0.00             | \$0.00             |                       |                    |                    |
| Crosswalk Enhancement  | SF             | 30  | \$15.00 | \$450.00 | TRUE                | \$424.35           | \$25.65            |                       |                    |                    |
| Pedestrian ADA Ramp  | LF             | 1   | \$0.00  | \$0.00   | TRUE                | \$0.00             | \$0.00             |                       |                    |                    |
| Culvert Extensions   | Each           | 0   | \$0.00  | \$0.00   | TRUE                | \$0.00             | \$0.00             |                       |                    |                    |
| Pedestrian Lighting including Conduit And Trenching  | Each           | 0   | \$0.00  | \$0.00   | TRUE                | \$0.00             | \$0.00             |                       |                    |                    |

| Handrail  | Standard | LF   | 1   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
|---|----------|------|-----|--------------|----------------|-------|----------------|--------------|
| Decorative  |          | LF   | 1   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| <b>Subtotal Hardscape Construction</b>  |          |      |     |              | \$400,450.00   |       | \$377,624.35   | \$22,825.65  |
| Trees Above 15 Gallon in Size AS Required Per Local Code Or Special Design Requirements                   |          | Each | 100 | \$350.00     | \$35,000.00    | TRUE  | \$33,005.00    | \$1,995.00   |
| Trees (15 Gallon Size)  |          | Each | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Trees (5 Gallon Size)   |          | Each | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Shrubs (5 Gallon Size)  |          | Each | 100 | \$15.00      | \$1,500.00     | TRUE  | \$1,414.50     | \$85.50      |
| Shrubs (1 Gallon Size)  |          | Each | 200 | \$7.00       | \$1,400.00     | TRUE  | \$1,320.20     | \$79.80      |
| Cactus (5 Gallon Size)  |          | Each | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Mulch   |          | CY   | 90  | \$85.00      | \$7,650.00     | TRUE  | \$7,213.95     | \$436.05     |
| Decomposed Granite  |          | CY   | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Organic   |          | CY   | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Topsoil   |          | 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  |          | SY   | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Boulders  |          | Each | 1   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Irrigation System   |          | LS   | 1   | \$50,000.00  | \$50,000.00    | TRUE  | \$47,150.00    | \$2,850.00   |
| Drip Turf   |          | SF   | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Sleeving For Irrigation   |          | LF   | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Directional Bore Cut and Patch  |          | LF   | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Landscape Header Curb   |          | LF   | 250 | \$20.00      | \$5,000.00     | TRUE  | \$4,715.00     | \$285.00     |
| Landscape Establishment   |          | LS   | 1   | \$60,000.00  | \$60,000.00    | TRUE  | \$56,580.00    | \$3,420.00   |
| <b>Subtotal Landscaping &amp; Irrigation Items</b>  |          |      |     |              | \$160,550.00   |       | \$151,398.65   | \$9,151.35   |
| Benches   |          | Each | 8   | \$1,000.00   | \$8,000.00     | TRUE  | \$7,544.00     | \$456.00     |
| Seatwalls   |          | LF   | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Bike Racks  |          | Each | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| Trash Receptacles   |          | Each | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| 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 | 0   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| <b>Subtotal Site Furnishings</b>  |          |      |     |              | \$8,000.00     |       | \$7,544.00     | \$456.00     |
| 12" Wide Pathway (3" AC/A" ABC including Subgrade Prep)   |          | LS   | 1   | \$290,000.00 | \$290,000.00   | TRUE  | \$273,470.00   | \$16,530.00  |
| Pathway Connection and Improvements to 40th St Cul-de-Sac   |          | LS   | 1   | \$50,000.00  | \$50,000.00    | TRUE  | \$47,150.00    | \$2,850.00   |
| Gates & Fencing   |          | LS   | 1   | \$25,000.00  | \$25,000.00    | TRUE  | \$23,575.00    | \$1,425.00   |
| Shade Canopy  |          | LS   | 1   | \$40,000.00  | \$40,000.00    | TRUE  | \$37,720.00    | \$2,280.00   |
| Bollards  |          | LS   | 1   | \$1,500.00   | \$1,500.00     | TRUE  | \$1,414.50     | \$85.50      |
|   |          |      | 1   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
|   |          |      | 1   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
|   |          |      | 1   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
|   |          |      | 1   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
|   |          |      | 1   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
|   |          |      | 1   | \$0.00       | \$0.00         | TRUE  | \$0.00         | \$0.00       |
| <b>Subtotal Other Construction</b>  |          |      |     |              | \$406,500.00   |       | \$383,329.50   | \$23,170.50  |
| Contractor Mobilization   |          | LS   | 1   | \$0.00       | \$0.00         | FALSE | \$0.00         | \$0.00       |
| Traffic Control   |          | LS   | 1   | \$10,000.00  | \$10,000.00    | TRUE  | \$9,430.00     | \$570.00     |
| Construction Survey & Layout  |          | LS   | 1   | \$30,000.00  | \$30,000.00    | TRUE  | \$28,290.00    | \$1,710.00   |
| Construction Contingencies  |          | LS   | 1   | \$25,000.00  | \$25,000.00    | TRUE  | \$23,575.00    | \$1,425.00   |
| Construction Administration   |          | LS   | 1   | \$150,000.00 | \$150,000.00   | TRUE  | \$141,450.00   | \$8,550.00   |
| <b>Subtotal Mobilization &amp; Administration Costs</b>   |          |      |     |              | \$215,000.00   |       | \$202,745.00   | \$12,255.00  |
| <b>Subtotal Construction Or Implementation Cost (Part C)</b>  |          |      |     |              | \$1,190,500.00 |       | \$1,122,641.50 | \$67,858.50  |
| <b>D. Total Scoping, PE and Construction (Part A, B, and C)</b>   |          |      |     |              | \$1,521,000.00 |       | \$1,422,641.50 | \$98,358.50  |
| <b>E. Adot Fee For Pe Reviews And Staff Charges (The higher of \$20,000 or 2% of Total Cost (Part D))</b> |          |      |     |              | \$30,420.00    |       | \$0.00         | \$30,420.00  |
| <b>F. Total Project Cost Including ADOT Fees (Part D + Part E)</b>  |          |      |     |              | \$1,551,420.00 |       | \$1,422,641.50 | \$128,778.50 |

Rio Salado Pathway: 32nd St Alignment to 40th Street



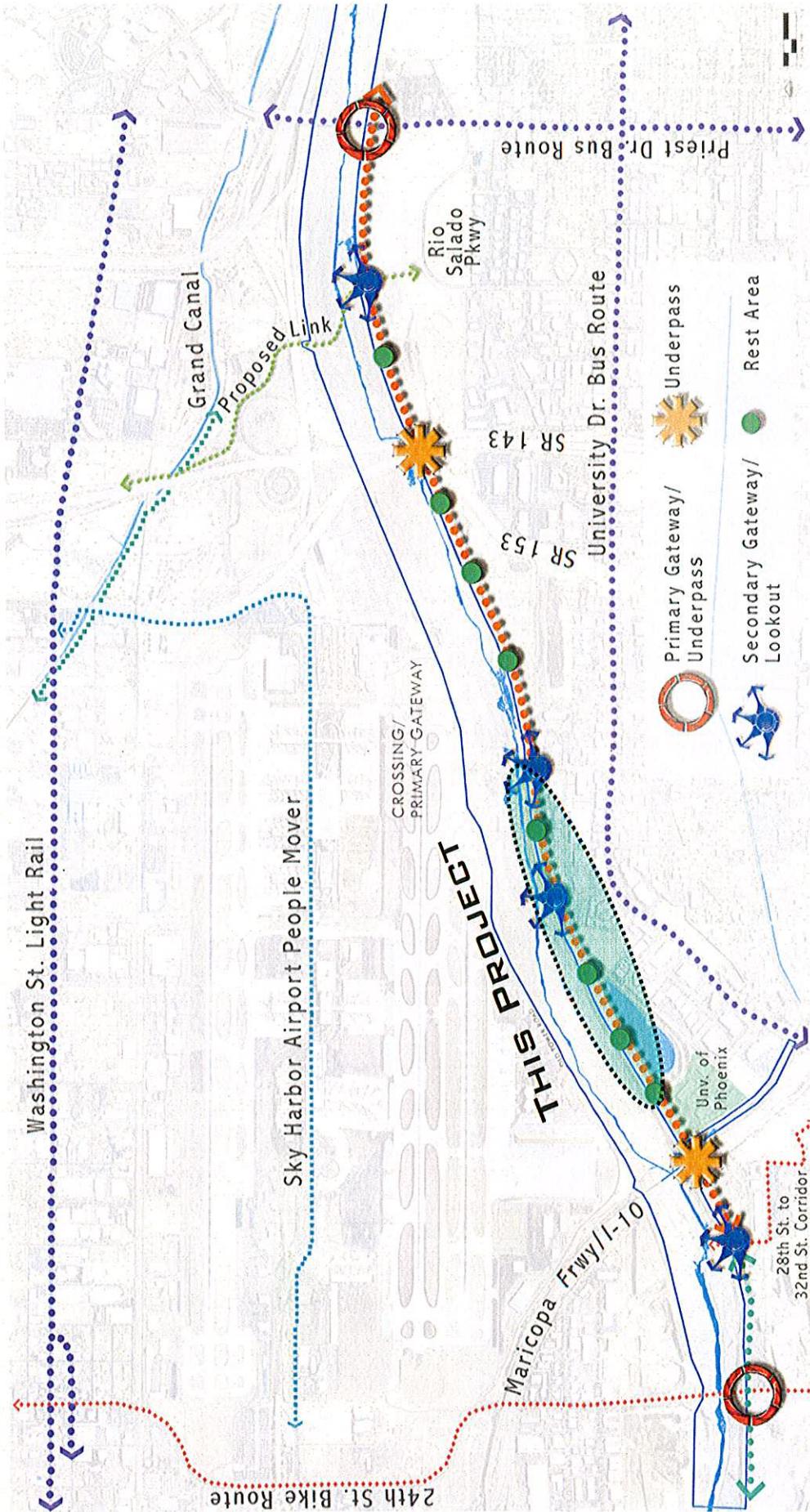
Project Location

Bus Stop

School

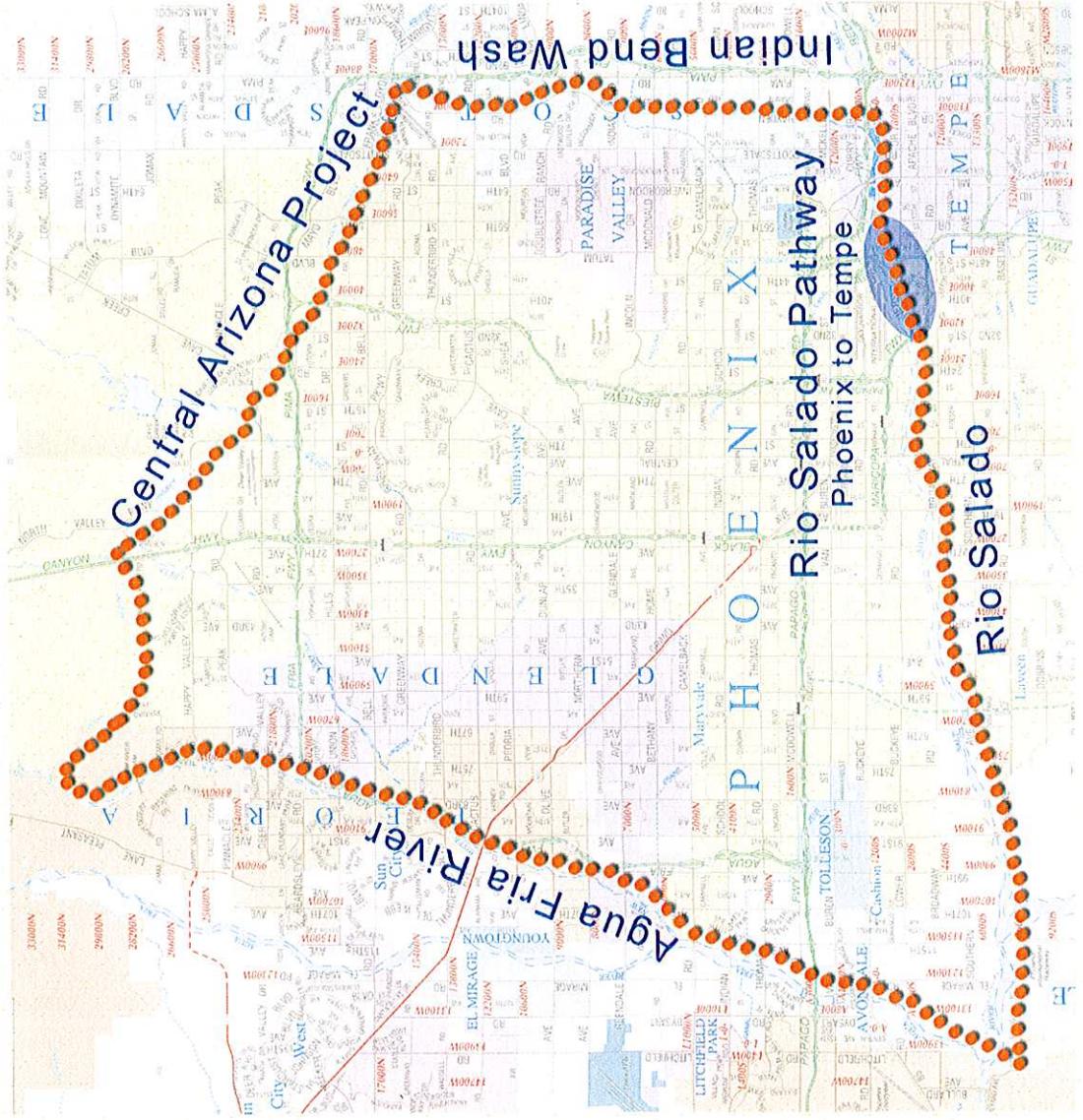
# RIO SALADO PATHWAY

## LOCATION MAP



# RIO SALADO PATHWAY LOCATION MAP

CRITICAL LINK FOR INTER-CITY CONNECTIVITY



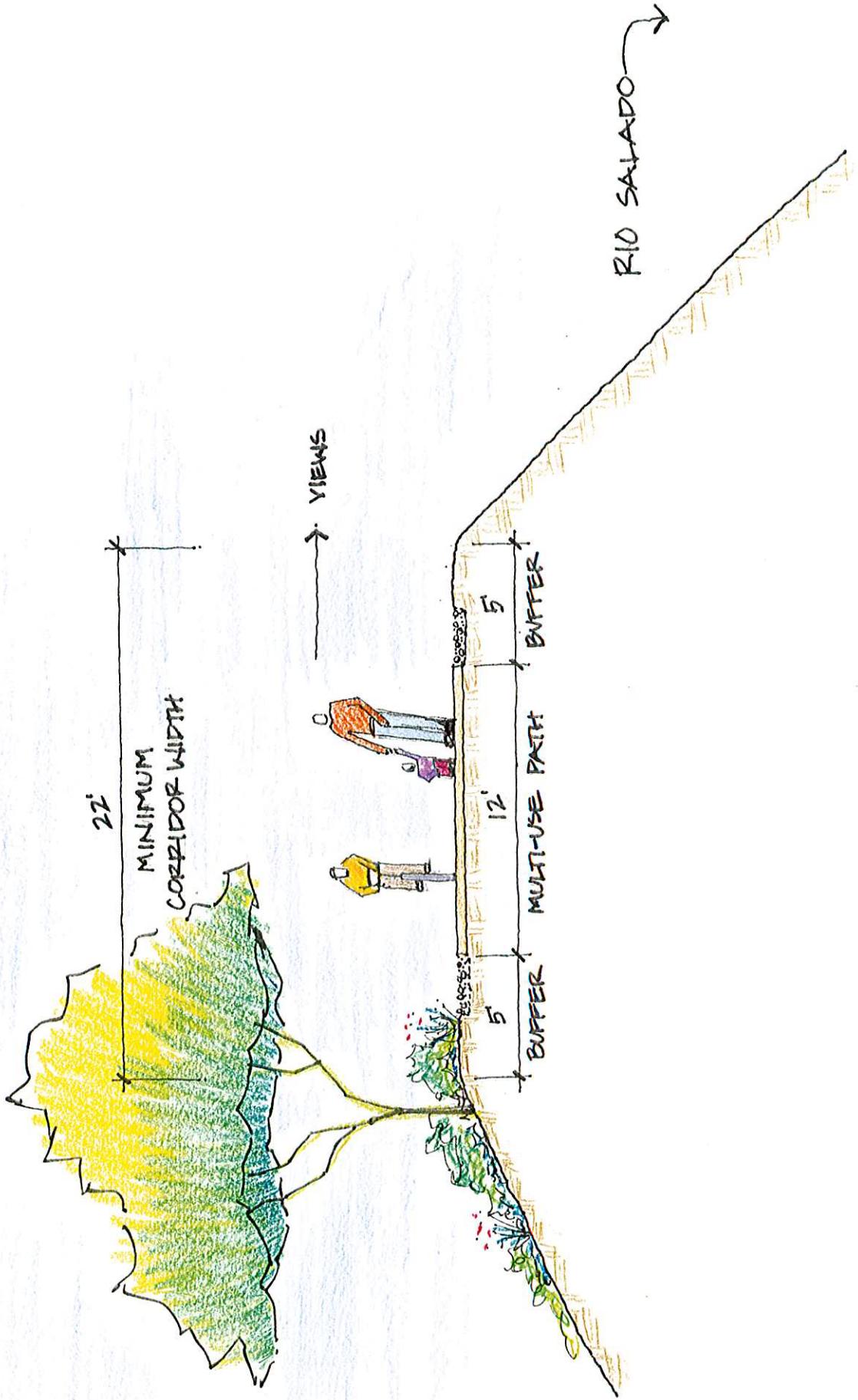
**RIO SALADO PATHWAY**



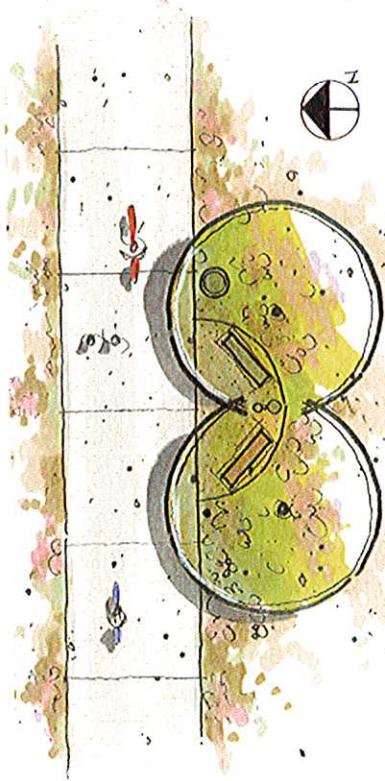
**VIEW: EAST FROM 40<sup>TH</sup> STREET TOWARD S.R. 143**

# RIO SALADO PATHWAY

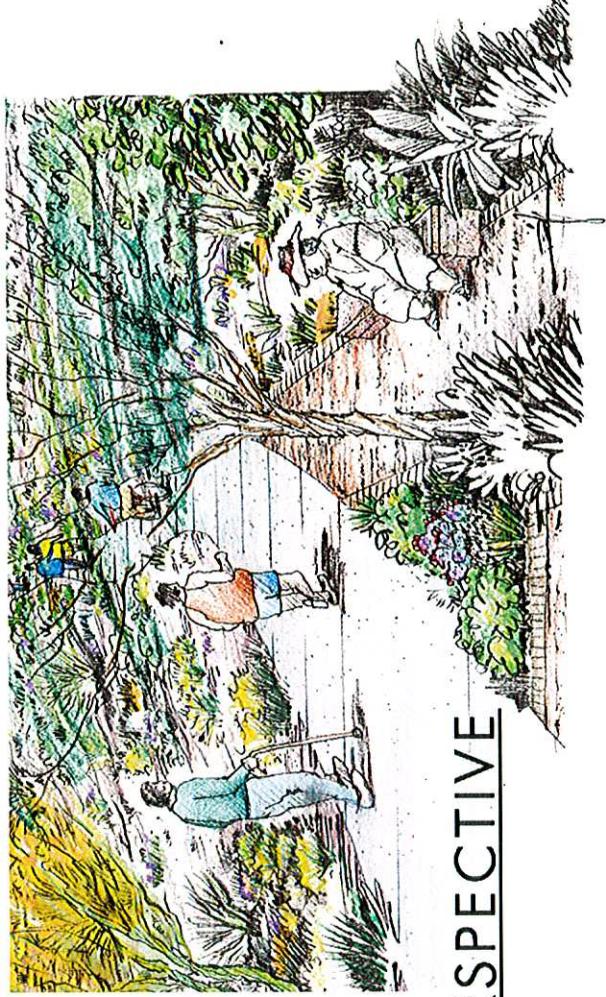
## TYPICAL CROSS-SECTION



# RIO SALADO PATHWAY



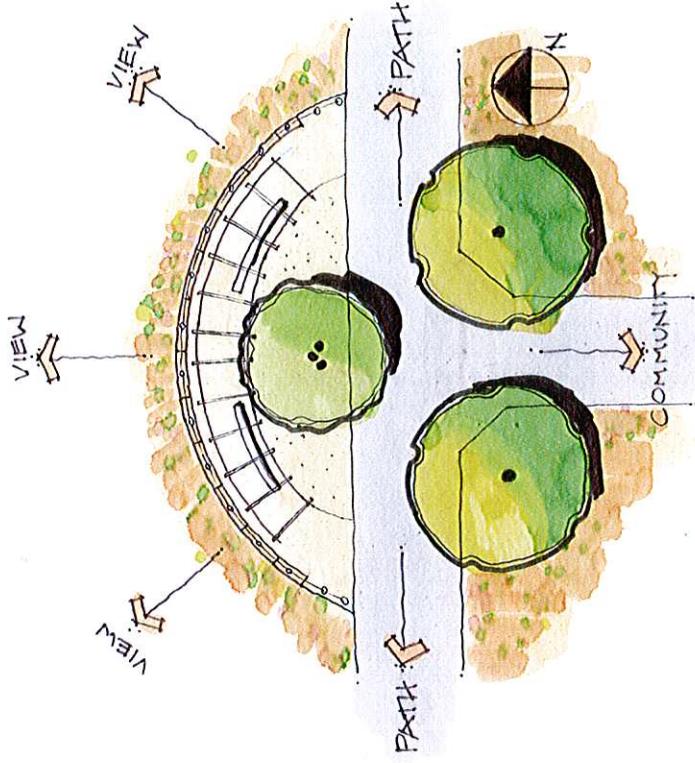
PLAN



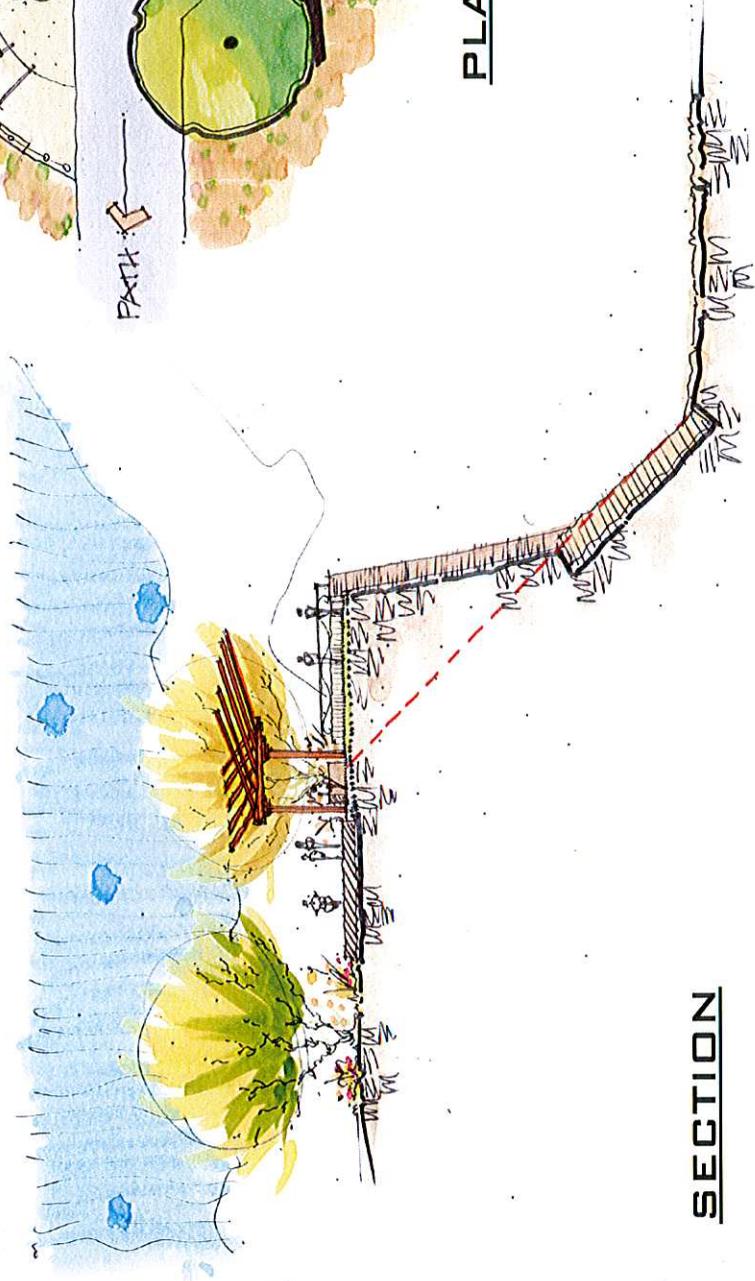
PERSPECTIVE

# RIO SALADO PATHWAY

## SECONDARY GATEWAY/LOOKOUT



PLAN VIEW



SECTION