

City of Tucson, Arizona

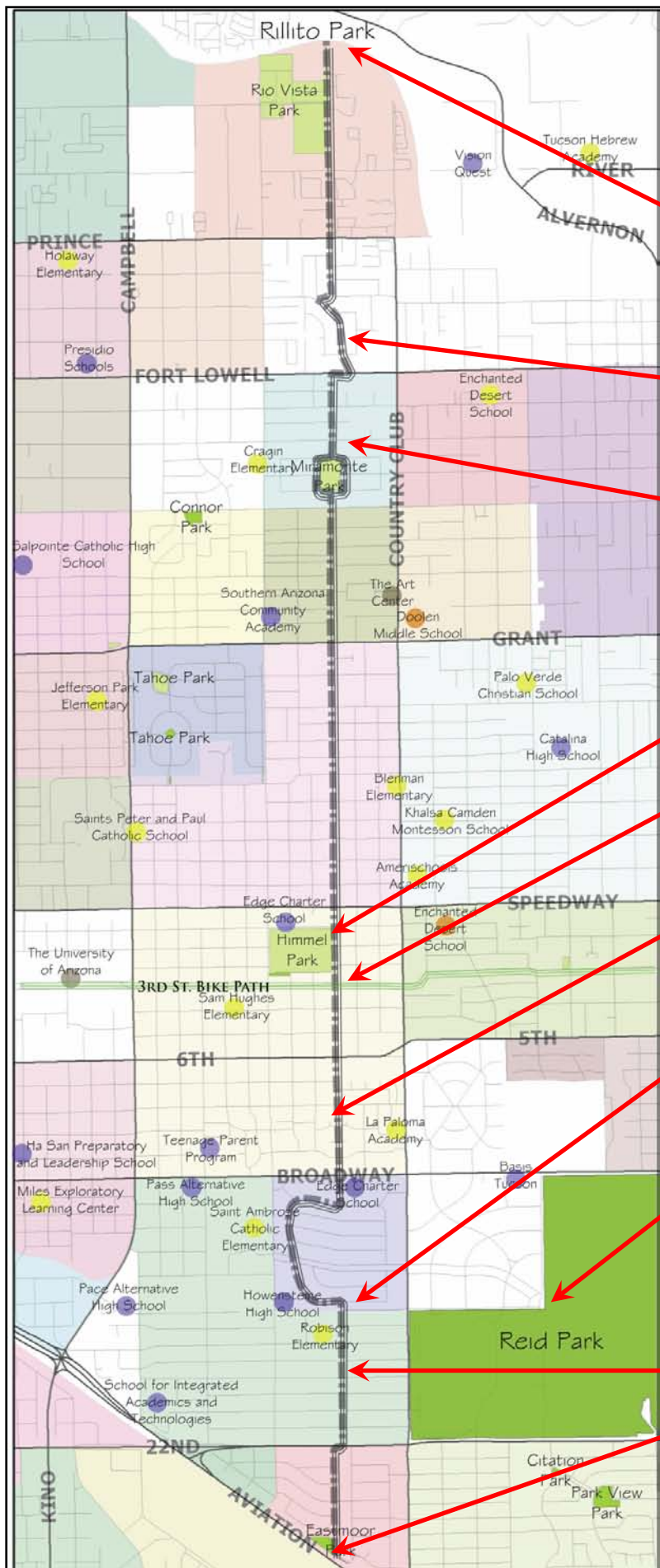


# Treat Bicycle Boulevard



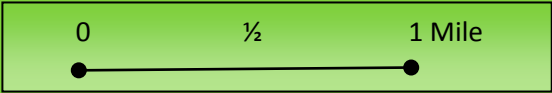
Arizona Transportation Enhancement Program Round 18





Schools, Parks, connecting bikeways and other key regional destinations along the proposed Treat Bicycle Boulevard:

- Existing Trailhead at the Rillito River Path
- Winterhaven Festival of Lights and Halloween Event
- Future east-west Bike Boulevard on Blackledge
- Himmel Library
- Existing east-west Bike Boulevard on 3<sup>rd</sup> Street
- Future east-west Bike Boulevard on 9th Street
- Future east-west Greenway along Arroyo Chico
- Zoo, Hi Corbett Field, Dog Park, Rose Garden, two 18-hole Golf Courses, and more
- Future east-west Bike Boulevard on 18<sup>th</sup> Street
- Existing Trailhead at the Aviation Bikeway (downtown to southeast Tucson)



**TREAT BICYCLE BOULEVARD**

**TRANSPORTATION ENHANCEMENT APPLICATION  
APPLICANT INFORMATION**

|                                                                                                                                                                    |  |                                                               |                                                                                                               |                                |                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------|
| <b>1. APPLICANT AND SPONSOR</b><br>City of Tucson                                                                                                                  |  | <b>1a. MPO / COG</b><br>Pima Association of Governments (PAG) |                                                                                                               | <b>2. DATE</b><br>June 8, 2010 |                                             |
| <b>3. PROJECT NAME &amp; LIMITS</b><br>Treat Bicycle Boulevard (Rillito River Path to Aviation Bikeway)                                                            |  |                                                               |                                                                                                               |                                |                                             |
| <b>4. Contact Person-Name and Title.</b><br>Tom Thivener, Bicycle and Pedestrian Program Manager                                                                   |  |                                                               | <b>4a. Mailing Address</b><br>City of Tucson, Transportation Dept.<br>201 N. Stone Ave, 6 <sup>th</sup> Floor |                                |                                             |
| <b>4b. CITY</b><br>Tucson                                                                                                                                          |  | <b>4c. ZIP CODE</b><br>85701                                  | <b>5. COUNTY</b><br>Pima                                                                                      |                                | <b>6. CONGRESSIONAL DISTRICT</b><br>7 and 8 |
| <b>4d. PHONE NO:</b>                                                                                                                                               |  | 520-791-4371                                                  |                                                                                                               |                                |                                             |
| <b>4e. FAX NO:</b>                                                                                                                                                 |  | 520-791-5902                                                  |                                                                                                               |                                |                                             |
| <b>4f. EMAIL:</b> tom.thivener@tucsonaz.gov                                                                                                                        |  |                                                               |                                                                                                               |                                |                                             |
| <b>7. ALTERNATE Contact-Name and Title.</b><br>Andy McGovern, Administrator                                                                                        |  |                                                               | <b>7b. PHONE NO:</b>                                                                                          |                                | 520-791-4371                                |
| <b>7a. Mailing Address:</b><br>201 N. Stone Ave, 6 <sup>th</sup> Floor<br>Tucson, AZ 85701                                                                         |  |                                                               | <b>7c. FAX NO:</b>                                                                                            |                                |                                             |
|                                                                                                                                                                    |  |                                                               | <b>7d. EMAIL:</b>                                                                                             |                                | Andrew.McGovern@tucsonaz.gov                |
| <b>8. List eligible activity(ies) by number and title:</b>                                                                                                         |  |                                                               | 1                                                                                                             |                                |                                             |
| <b>9. List requested federal amount:</b><br>(Must match amount in cost estimate)                                                                                   |  |                                                               | \$ 749,685                                                                                                    |                                |                                             |
| <b>10. List total cost of project:</b><br>(scoping, design and construction including federal funds, and ADOT review fees)<br>(Must match amount in cost estimate) |  |                                                               | \$ 795,000                                                                                                    |                                |                                             |

**CHECK ONE or TWO BOXES THAT APPLY**

**11. Circle primary activity in which you wish to be evaluated**

|     |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | <input checked="" type="checkbox"/> | <p><b>PROVISION OF FACILITIES FOR PEDESTRIANS AND BICYCLES.</b><br/>                 This does not include typical construction elements of a roadway such as; travel lanes, traffic signals, crosswalks, etc.</p>                                                                                                                                                                                                                                                        |
| 2.  | <input type="checkbox"/>            | <p><b>PROVISION OF SAFETY AND EDUCATIONAL ACTIVITIES FOR PEDESTRIANS AND BICYCLISTS</b><br/>                 Activities must have a broad and preferably regional target audience</p>                                                                                                                                                                                                                                                                                     |
| 3.  | <input type="checkbox"/>            | <p><b>ACQUISITION OF SCENIC EASEMENTS OR HISTORIC SITES –<br/>                 NOT ELIGIBLE IN ARIZONA</b></p>                                                                                                                                                                                                                                                                                                                                                            |
| 4.  | <input type="checkbox"/>            | <p><b>SCENIC OR HISTORIC HIGHWAY PROGRAMS (INCLUDING THE PROVISION OF TOURIST AND WELCOME CENTER FACILITIES)</b><br/>                 ADOT does have in place a Parkways, Historic, and Scenic Roads Program. This program does have a separate grant program for projects on those routes that have been designated by the State/ADOT. <u>Must be on or within 2 miles of a State designated Scenic or Historic road.</u></p>                                            |
| 5.  | <input type="checkbox"/>            | <p><b>LANDSCAPING AND OTHER SCENIC BEAUTIFICATION</b><br/>                 This is for primarily plant landscaping activities. You can include site furniture such as benches, trash receptacles, etc. Stand-alone public art is not considered scenic beautification. You can include some art as part of a project but it is not eligible as a separate category under Transportation Enhancements. Maintenance of landscaping does not qualify under this program.</p> |
| 6.  | <input type="checkbox"/>            | <p><b>HISTORIC PRESERVATION</b><br/>                 Any work under this category must have a <b>strong surface</b> transportation link either past, present or future.</p>                                                                                                                                                                                                                                                                                               |
| 7.  | <input type="checkbox"/>            | <p><b>REHABILITATION OF HISTORIC TRANSPORTATION BUILDINGS, STRUCTURES, OR FACILITIES (INCLUDING HISTORIC RAILROAD FACILITIES AND BRIDGES)</b></p>                                                                                                                                                                                                                                                                                                                         |
| 8.  | <input type="checkbox"/>            | <p><b>PRESERVATION OF ABANDONED RAILWAY CORRIDORS (INCLUDING THE CONVERSION AND USE THEREOF FOR PEDESTRIAN OR BICYCLE TRAILS)</b></p>                                                                                                                                                                                                                                                                                                                                     |
| 9.  | <input type="checkbox"/>            | <p><b>CONTROL AND REMOVAL OF OUTDOOR ADVERTISING</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 10. | <input type="checkbox"/>            | <p><b>ARCHEOLOGICAL PLANNING AND RESEARCH</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 11. | <input type="checkbox"/>            | <p><b>ENVIRONMENTAL MITIGATION TO ADDRESS WATER POLLUTION DUE TO HIGHWAY RUNOFF OR REDUCE VEHICLE-CAUSED WILDLIFE MORTALITY WHILE MAINTAINING HABITAT CONNECTIVITY</b></p>                                                                                                                                                                                                                                                                                                |
| 12. | <input type="checkbox"/>            | <p><b>ESTABLISHMENT OF TRANSPORTATION MUSEUMS</b><br/>                 Please be aware that there are specific requirements for this category. Please contact your MPO, COG representative or ADOT TE Section staff for additional information.</p>                                                                                                                                                                                                                       |

**12. PROJECT SPECIFIC DESCRIPTION: LIST ALL KEY ELEMENTS OF THE PROJECT SCOPE. INCLUDE PROJECT CONCEPT, LENGTH, MILEPOSTS, NUMBER OF ACRES, etc. (e.g., construct .5 miles of 10 foot wide asphalt multi-use pathway along north side of X Rd)**

The Treat Bicycle Boulevard aims to create a safer and more pleasant environment for bicyclists and pedestrians along 5 miles of existing residential bicycle routes in central Tucson. This route passes within a half mile of 15 different K-12 level schools.

A Bicycle Boulevard is a low-volume, shared-use street that prioritizes bicyclists and pedestrians through traffic calming, safer crossings and clear way-finding signage. Recently published national guidelines stipulate that Bike Boulevard traffic volumes should be in the 500 to 2000 ADT range, speeds be kept at or below 25 miles per hour, that unnecessary stop signs be replaced by yields to allow bicyclists to keep their momentum, that busy roads include bike and pedestrian crossing devices, and that pavement markings be included to aid in wayfinding and remind motorists that they share the road.

The Treat Bicycle Boulevard will improve all major crossing by installing bicycle/pedestrian signals or refuge type improvements. Transit users will also benefit from the improved crossings treatments as several bus routes cross the Treat corridor. Strategically placed traffic calming devices, public art, pavement markings and crossing improvements will help attract new users, while simultaneously trying to reduce and slow existing traffic.

Word Count Maximum: 200

**13. Describe the project. Please answer all questions.**

|    |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A. | <p>Where is the project located?</p> <ul style="list-style-type: none"> <li>• Describe actual physical location</li> <li>• Attach state and vicinity map in appendix</li> <li>• For State projects, include the route and beginning and ending mileposts</li> </ul>                                                                                                                                                   |
|    | <p>Nearly all of the proposed Bicycle Boulevard is on existing residential street, with Treat Avenue being the main roadway. It changes names a few times while on the following: Bristol Avenue, Stratford Drive, Christmas Avenue, and Cactus Boulevard. The Bicycle Boulevard is flanked on each end by existing bikeways, on the north being the Rillito River Path and on the south by the Aviation Bikeway.</p> |

|                                                                                                                                                                  |                                                                                                                                                                                    |                                                                                                                                                                                      |                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B.                                                                                                                                                               | Is the project on:<br>Planned transportation corridor?<br>Corridor under construction?<br>Existing transportation corridor?                                                        | YES<br><input type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/>                                                                                   | NO<br><input checked="" type="checkbox"/> Estimated Completion Date:<br><input checked="" type="checkbox"/> Scheduled Completion Date:<br><input type="checkbox"/> |
| The project would be constructed on the existing EP&SW railroad alignment and take advantage of a prominent raised railroad bed. Portion is on South Tucson ROW. |                                                                                                                                                                                    |                                                                                                                                                                                      |                                                                                                                                                                    |
| C.                                                                                                                                                               | What major construction, design, and right-of-way work does the project entail? Describe any need for major land modification, retaining walls, etc. and include in cost estimate. | Bike/Pedestrian Signals or refuge devices to help at the major crossings. Traffic calming and traffic reduction features. Bicycle Boulevard pavement markings and wayfindings signs. |                                                                                                                                                                    |
| D.                                                                                                                                                               | Can the project be constructed entirely within the project right-of-way?                                                                                                           | Yes                                                                                                                                                                                  |                                                                                                                                                                    |
|                                                                                                                                                                  | Who owns the proposed project ROW?                                                                                                                                                 | City of Tucson                                                                                                                                                                       |                                                                                                                                                                    |
|                                                                                                                                                                  | Are any private landowners involved? If so, list below.                                                                                                                            | No                                                                                                                                                                                   |                                                                                                                                                                    |
|                                                                                                                                                                  | What percent of the project area is on ADOT ROW?                                                                                                                                   | None                                                                                                                                                                                 |                                                                                                                                                                    |
| E.                                                                                                                                                               | Are there drainage issues to consider? Describe any potential impacts to Waters of the U.S.                                                                                        | None                                                                                                                                                                                 |                                                                                                                                                                    |
| F.                                                                                                                                                               | Are utility relocations necessary?                                                                                                                                                 | No utility relocation considerations are necessary.                                                                                                                                  |                                                                                                                                                                    |
| G.                                                                                                                                                               | What is the proposed time frame for completion of the project?                                                                                                                     | 3 years                                                                                                                                                                              |                                                                                                                                                                    |
|                                                                                                                                                                  | TE Grant Process                                                                                                                                                                   | 12 months                                                                                                                                                                            |                                                                                                                                                                    |
|                                                                                                                                                                  | Design concept and environmental clearances                                                                                                                                        | 12 months                                                                                                                                                                            |                                                                                                                                                                    |
|                                                                                                                                                                  | Completion of design                                                                                                                                                               | 4 months                                                                                                                                                                             |                                                                                                                                                                    |
|                                                                                                                                                                  | Selection of a contractor                                                                                                                                                          | 4 months                                                                                                                                                                             |                                                                                                                                                                    |
|                                                                                                                                                                  | Completion of construction                                                                                                                                                         | 4 months                                                                                                                                                                             |                                                                                                                                                                    |
| H.                                                                                                                                                               | Will the project be ADA accessible?                                                                                                                                                | YES                                                                                                                                                                                  |                                                                                                                                                                    |

#### 14. How will the project be maintained?

|    |                                                                                                       |
|----|-------------------------------------------------------------------------------------------------------|
| A. | Organization(s) responsible for on-going maintenance and repairs of the TE project.<br>City of Tucson |
| B. | Proposed on-going maintenance and repair program<br>City of Tucson                                    |
| C. | Source of funds for on-going maintenance and repairs<br>City of Tucson                                |

**15. If you are a local government, do you anticipate requesting self bid and administration based on the FHWA guidelines?** (See TE Handbook, revised 2008, for clarification - available at [www.adotenhancement.com](http://www.adotenhancement.com))

YES       NO      **The City of Tucson will utilize FHWA guidelines to outline self-bid and administration.**

**16. Does the proposed project involve or is it adjacent to a historic property or historic district?**

YES       NO

**A. If yes, has the SHPO been allowed to review, comment and provide direction on the proposed project?"**

YES       NO

If so, please identify the specific designation(s) and limits and briefly describe why the proposed project qualifies. If this is a rail corridor project is the corridor "rail banked" or is the abandonment authorized by or proceeding before the Interstate Rail Commission?

Word Count Maximum: 100

N/A

**17. Describe how the community was or will be involved in this project.** Please include the following: Community involvement in the planning, scoping process, design process, or implementation. Is the project listed in any planning documents that had extensive public participation?

Word Count Maximum: 200

Interest in Bicycle Boulevards has also been growing in Tucson as a whole. The high cost of driving on health, pocketbooks, and the environment are making many citizens look for alternatives. The vast majority of people prefer to ride on "low stress bikeways" like Bicycle Boulevards where speeds and volumes are lower. Support for the development of Bicycle Boulevards city-wide have come from the Tucson-Pima County Bicycle Advisory committee, Mayor and Council, former US Surgeon General Richard Carmona, Representative Gabrielle Giffords, the Regional Transportation Authority, the 2009 PAG Regional Bike Plan, and the 2040 Regional Transportation Plan.

In 2008/9, the City of Tucson worked with neighborhood representatives along the Treat corridor to develop a concept plan for the Bicycle Boulevard. That process included a field ride, where folks pointed out short comings with the route. A graduate student from the University of Arizona who was doing her thesis work on Bike Boulevards assisted with the process and created a concept plan for the neighbors and City to use for future grant writing. If funded, more outreach and planning will be done refine the concept and to ensure that all citizens within the area have a chance to provide input.

**18. Describe why the project is an enhancement** and how it relates to the transportation infrastructure of the community, region and/or state. Describe how this project will benefit the community and improve existing conditions. Why should this project be funded? (Answer all three parts in detail).

Word Count Maximum: 250

The project will provide a 'low-stress' alternative transportation option for bicyclists and pedestrians in central Tucson. Low-stress facilities attract more users because they deal with automobile traffic less. Cities like Portland, Oregon and Minneapolis, Minnesota have seen bicycle use double and even triple in the past seven years as they now understand that to get average people biking, the facility needs to feel and look safe. Most people do not feel safe riding on high speed roads whether there is a bike lane or not.

Tucson's one existing Bicycle Boulevard on 3<sup>rd</sup> Street and University Blvd, is the busiest bikeway in town, serving more than 3,000 bicyclists per day. Besides college students going to the U of A, it is used as a cross-town commuter route by many. A common sight on 3<sup>rd</sup> Street is children riding to school and the elderly riding about. Since the City started installing bicycle/pedestrian signals along 3<sup>rd</sup> Street (many were funded by TE grants!) bike use has nearly tripled. It is proof that if you build it, they will come. Another example, along the 9<sup>th</sup> Street bike route, near downtown, the number of bikes crossing a busy road (Euclid) also tripled after the City constructed a bicycle/pedestrian signal.

A network of bicycle boulevards is envisioned to move Tucsonans, regardless of economic status, about. It is also the most cost effective form of bicycle infrastructure currently known, utilizing techniques already known (bike/ped signals, wayfinding signs, traffic calming) but rarely implemented strategically on regional corridors.



**19. Approval of Authorized Official (Sponsor)**

This project has the concurrence of the sponsoring agency, is consistent with the agency's plans and meets all of the basic criteria listed above, which are required by the state of Arizona's Transportation Enhancement Program. **State applications MUST be signed by the appropriate ADOT District Engineer.**

|                                                    |                                                      |
|----------------------------------------------------|------------------------------------------------------|
| Sponsor Representative<br>(Type in name and title) | Tom Thivener, Bicycle and Pedestrian Program Manager |
| Signature of Rep                                   |                                                      |
| Date Signed                                        | 6/8/2010                                             |

**20. Local applications MUST have Endorsement of Metropolitan Planning Organization - Council of Governments, unless a statewide application.**

This project has been reviewed and endorsed by:

|                |                                  |
|----------------|----------------------------------|
| MPO or COG     | Pima Associations of Governments |
| Name and Title | John Liosatos                    |
| Signature      |                                  |
| Date Signed    |                                  |

**21. Cost Estimate review – include for State and Local projects.**

The project cost estimate included in this application has been reviewed by:

|                |                              |
|----------------|------------------------------|
| Organization   | City of Tucson               |
| Name and Title | Andy McGovern, Administrator |
| Signature      |                              |
| Date Signed    |                              |

**ARIZONA TRANSPORTATION ENHANCEMENT PROGRAM  
ROUND 18 (2010) COST ESTIMATE**

**IMPORTANT CONSIDERATIONS**

- List all items necessary to develop and construct or implement your project.
- The applicant is responsible for verifying all costs and their accuracy.
- Unit prices must be a reasonable representation of the work to be performed.
- The use of federal funds for project Scoping and Design is optional.
- All federal funds must have FHWA authorization prior to incurring any costs to be reimbursed.
- Funds paid for reimbursement of costs incurred shall be returned if project is not constructed.

**LOCAL PROJECTS:** The amount of federal funds requested for project scoping and design should not exceed 30% of the total amount of federal aid requested. Cost overruns will be the responsibility of the Local sponsoring agency.

**STATE PROJECTS:** To be eligible for State designation, the project must be on, adjacent to, or associated with the State Highway System, must be located on a minimum of 75% of ADOT right-of-way, and must have the signature and support of the appropriate ADOT District Engineer. State Projects shall not exceed \$1,000,000 in total project cost (including the State match) unless another source for the additional funding is available to cover the overage. The source of this additional funding shall be identified in the application submitted for the State project.

**NON-INFRASTRUCTURE PROJECTS (No ground disturbing activities):** Address only parts A.2 (Workplan), C.4 (Itemized Costs), D (ADOT Review Fee), E (Total Project Cost), and F (Funding Breakdown). ADOT will issue the environmental clearance memo base on the final project description defined in the sponsor's detailed Workplan.

|                                       |                                                                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Enter values into GREEN CELLS.</b> | The program will automatically calculate the Totals and Federal Share at 94.3%, but manual overriding entries may be necessary where noted. |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|

| ITEM DESCRIPTION | UNIT | QUAN. | UNIT PRICE | TOTAL | FEDERAL TE FUNDS @ 94.3% | SPONSOR MATCHING FUNDS @ 5.7% |
|------------------|------|-------|------------|-------|--------------------------|-------------------------------|
|------------------|------|-------|------------|-------|--------------------------|-------------------------------|

**A. SCOPING - Stage 1** (15% Conceptual Design)

All projects must include these costs regardless if the application is for a State or Local project.  
(Non-infrastructure projects: Only #2 applies).

|                                                                                                                                                                                          |    |   |             |             |             |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---|-------------|-------------|-------------|------------|
| 1. SITE TOPOGRAPHIC SURVEY (2%-5% of constr. cost) <i>(Enter \$0 in Unit Price column if none required)</i>                                                                              | LS | 1 | \$0.00      | \$0.00      | \$0.00      | \$0.00     |
| 2. PROJECT ASSESSMENT REPORT (infrastructure projects) or DETAILED WORKPLAN INCLUDING SCHEDULE AND COSTS (non-infrastructure projects) (About 5% of construction or implementation cost) | LS | 1 | \$2,000.00  | \$2,000.00  | \$1,886.00  | \$114.00   |
| 3. ENVIRONMENTAL DETERMINATION for infrastructure projects, including technical supporting documents. (Anticipate \$20,000 to \$40,000)                                                  | LS | 1 | \$20,000.00 | \$20,000.00 | \$18,860.00 | \$1,140.00 |
| 4. HAZARDOUS MATERIALS ASSESSMENT including heavy metals & asbestos <i>(If an assessment is necessary, about \$1,500. Enter \$0 in Unit Price column if none required)</i>               | LS | 1 | \$0.00      | \$0.00      | \$0.00      | \$0.00     |
| <b>SUBTOTAL – PROJECT SCOPING COSTS</b>                                                                                                                                                  |    |   |             |             |             |            |
| Federal funds for scoping are calculated at 94.3% of the total scoping cost. If requesting less than 94.3% federal funds, enter new total or 0 in the Federal column.                    |    |   |             | \$ 22,000   | \$20,746    | \$1,254    |

**B. DESIGN - Stages II, III, IV** (30%, 60%, 95%-100% Preliminary Design) (Pre-engineering)

Not applicable to non-infrastructure projects. All infrastructure projects must include these costs regardless if the application is for a State or Local project. If federal funds are used for design, the project shall not advance beyond Stage II (30%) until it has received environmental clearance.

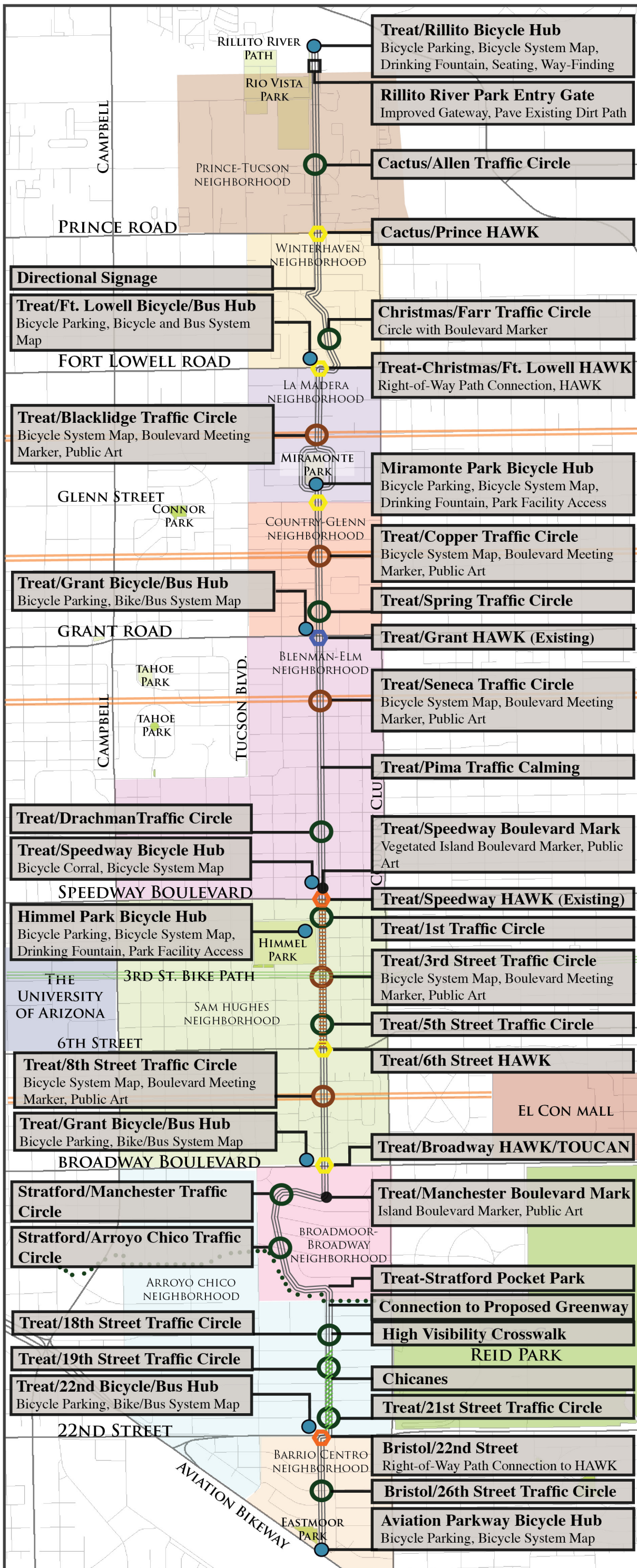
|                                                                                                         |    |   |             |             |             |            |
|---------------------------------------------------------------------------------------------------------|----|---|-------------|-------------|-------------|------------|
| 1. PS&E's - Plans, Special Provisions, Cost Estimates & Schedules. Anticipate 18%-20% of constr. costs. | LS | 1 | \$66,000.00 | \$66,000.00 | \$62,238.00 | \$3,762.00 |
|---------------------------------------------------------------------------------------------------------|----|---|-------------|-------------|-------------|------------|

| ITEM DESCRIPTION                                                                                                                                                                                                                                                                                         | UNIT | QUAN. | UNIT PRICE | TOTAL     | FEDERAL TE FUNDS @ 94.3% | SPONSOR MATCHING FUNDS @ 5.7% |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|-----------|--------------------------|-------------------------------|
| 2. GEOTECHNICAL INVESTIGATION (If a report is necessary, about 5% of construction cost) Includes testing, Geotech Report, Materials & Pavement Design Report) <b>Enter \$0 in Unit Price column if none required.</b>                                                                                    | LS   | 1     | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| 3. DRAINAGE REPORT (If a report is necessary, about 5% of construction cost) <b>Enter \$0 in Unit Price column if none required)</b>                                                                                                                                                                     | LS   | 1     | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| 4. STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, about 1% of construction cost) <b>Enter \$0 in Unit Price column if none required.</b>                                                                                                                  | LS   | 1     | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| <b>SUBTOTAL – PROJECT DESIGN COSTS</b>                                                                                                                                                                                                                                                                   |      |       |            |           |                          |                               |
| Federal Funds for design are calculated at 94.3% of the total design cost. If requesting less than 94.3% Federal Funds for design, enter new total or 0 in the Federal column.                                                                                                                           |      |       |            | \$ 66,000 | \$62,238                 | \$3,762                       |
| <b>C. CONSTRUCTION OR IMPLEMENTATION - Stage V</b>                                                                                                                                                                                                                                                       |      |       |            |           |                          |                               |
| <b>For non-infrastructure projects (no ground disturbing activities), address only parts 4, D and F.</b>                                                                                                                                                                                                 |      |       |            |           |                          |                               |
| <b>1. SITE ACQUISITION &amp; HARDSCAPE CONSTRUCTION</b>                                                                                                                                                                                                                                                  |      |       |            |           |                          |                               |
| RIGHT-OF-WAY ACQUISITION (If necessary)                                                                                                                                                                                                                                                                  | LS   | 1     | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, about 5% of constr. costs) <b>Enter \$0 in Unit Price column if area of disturbance is less than one acre.</b>                                                                                                  | LS   | 1     | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| SITE PREPARATION (Clearing and grubbing, plant salvage)                                                                                                                                                                                                                                                  | LS   | 1     | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| <b>DEMOLITION</b>                                                                                                                                                                                                                                                                                        |      |       |            |           |                          |                               |
| Sawcut                                                                                                                                                                                                                                                                                                   | LF   |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Remove Structures and Obstructions                                                                                                                                                                                                                                                                       | LS   | 1     | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Remove Fencing                                                                                                                                                                                                                                                                                           | LF   |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Remove Structural Concrete                                                                                                                                                                                                                                                                               |      |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Remove Asphaltic Concrete Pavement                                                                                                                                                                                                                                                                       | CY   |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Remove Concrete Sidewalks, Slabs                                                                                                                                                                                                                                                                         |      |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| HAZARDOUS MATERIALS ABATEMENT (If applicable; include heavy metals & asbestos; about 5% of construction cost) <b>Enter \$0 in Unit Price column if none required.</b>                                                                                                                                    | LS   | 1     | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| UTILITY RELOCATION. Only the cost of utilities needing relocation as a direct result of the enhancement project are eligible for federal reimbursement. Because of the costs involved, the undergrounding of overhead utilities is not eligible. <b>Enter \$0 in Unit Price column if none required.</b> | LS   | 1     | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| RETAINING WALL (Concrete; SF of face above the footing)                                                                                                                                                                                                                                                  | SF   |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| <b>EARTHWORK</b>                                                                                                                                                                                                                                                                                         |      |       |            |           |                          |                               |
| General Excavation                                                                                                                                                                                                                                                                                       |      |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Drainage Excavation                                                                                                                                                                                                                                                                                      |      |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Structural Excavation                                                                                                                                                                                                                                                                                    | CY   |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Structural Backfill                                                                                                                                                                                                                                                                                      |      |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Borrow (In Place)                                                                                                                                                                                                                                                                                        |      |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| CURB & GUTTER                                                                                                                                                                                                                                                                                            | LF   |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| AGGREGATE BASE                                                                                                                                                                                                                                                                                           | CY   |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| <b>PATHWAY OR SIDEWALK MATERIALS</b>                                                                                                                                                                                                                                                                     |      |       |            |           |                          |                               |
| Concrete                                                                                                                                                                                                                                                                                                 |      |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Colored Concrete                                                                                                                                                                                                                                                                                         |      |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Stamped Color Concrete                                                                                                                                                                                                                                                                                   | SF   |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |
| Precast Concrete Pavers                                                                                                                                                                                                                                                                                  |      |       | \$0.00     | \$0.00    | \$0.00                   | \$0.00                        |

| ITEM DESCRIPTION                                                                                                                        | UNIT | QUAN. | UNIT PRICE  | TOTAL       | FEDERAL TE FUNDS @ 94.3% | SPONSOR MATCHING FUNDS @ 5.7% |
|-----------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------------|-------------|--------------------------|-------------------------------|
| Asphaltic Concrete                                                                                                                      | Ton  |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| Polymer or Resin Stabilized Surface                                                                                                     | SF   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| <b>CROSSWALK ENHANCEMENT</b>                                                                                                            |      |       |             |             |                          |                               |
| Concrete Pavers                                                                                                                         |      |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| Stamped Asphalt                                                                                                                         |      |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| Stamped Concrete                                                                                                                        | SF   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| Concrete                                                                                                                                |      |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| Integral Color Concrete                                                                                                                 |      |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| PEDESTRIAN ADA RAMP                                                                                                                     | SF   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| CULVERT EXTENSIONS                                                                                                                      | LF   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| PEDESTRIAN LIGHTING<br>(Includes conduit and trenching) Street lighting is not eligible for federal reimbursement.                      | Each | 0     | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| <b>HANDRAIL</b>                                                                                                                         |      |       |             |             |                          |                               |
| Standard                                                                                                                                |      |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| Decorative                                                                                                                              | LF   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| <b>SUBTOTAL - SITE ACQUISITION &amp; HARDSCAPE CONSTRUCTION</b>                                                                         |      |       |             | \$ -        | \$0                      | \$0                           |
| <b>2. LANDSCAPING &amp; IRRIGATION ITEMS</b>                                                                                            |      |       |             |             |                          |                               |
| TREES<br>(Above 15 gallon in size as required per Local code or special design requirements)                                            | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| TREES (15 GALLON SIZE)                                                                                                                  | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| TREES (5 GALLON SIZE)                                                                                                                   | Each | 0     | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| SHRUBS (5 GALLON SIZE)                                                                                                                  | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| SHRUBS (1 GALLON SIZE)                                                                                                                  | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| CACTUS (5 GALLON SIZE)                                                                                                                  | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| <b>MULCH</b>                                                                                                                            |      |       |             |             |                          |                               |
| Decomposed Granite                                                                                                                      |      |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| Organic                                                                                                                                 | CY   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| TOPSOIL                                                                                                                                 | CY   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| SEEDING                                                                                                                                 | Acre |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| TURF SOD                                                                                                                                | SY   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| BOULDERS                                                                                                                                | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| <b>IRRIGATION SYSTEM</b>                                                                                                                |      |       |             |             |                          |                               |
| Drip                                                                                                                                    |      |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| Turf                                                                                                                                    | SF   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| <b>SLEEVING FOR IRRIGATION SYSTEM</b>                                                                                                   |      |       |             |             |                          |                               |
| Directional Bore                                                                                                                        |      |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| Cut and Patch                                                                                                                           | LF   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| LANDSCAPE HEADER CURB                                                                                                                   | LF   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| LANDSCAPE ESTABLISHMENT<br>(Typically about 4.5% of the cost of landscaping)                                                            | LS   | 0     | \$20,000.00 | \$0.00      | \$0.00                   | \$0.00                        |
| <b>SUBTOTAL - LANDSCAPING &amp; IRRIGATION ITEMS</b>                                                                                    |      |       |             | \$ -        | \$0                      | \$0                           |
| <b>3. SITE FURNISHINGS</b>                                                                                                              |      |       |             |             |                          |                               |
| BENCHES                                                                                                                                 | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| SEATWALLS                                                                                                                               | LF   |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| BIKE RACKS                                                                                                                              | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| TRASH RECEPTACLES                                                                                                                       | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| DRINKING FOUNTAINS                                                                                                                      | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| SIGNAGE (Standard Traffic Control)                                                                                                      | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| TREE GRATES                                                                                                                             | Each |       | \$0.00      | \$0.00      | \$0.00                   | \$0.00                        |
| <b>SUBTOTAL - SITE FURNISHINGS</b>                                                                                                      |      |       |             | \$ -        | \$0                      | \$0                           |
| <b>4. OTHER CONSTRUCTION ITEMS. ALSO, ITEMIZED LINE ITEMS FOR NON-INFRASTRUCTURE PROJECTS.</b><br>(Insert additional rows if necessary) |      |       |             |             |                          |                               |
| Bicycle Boulevard pavement legends- 20 per mile                                                                                         |      | 100   | \$600.00    | \$60,000.00 | \$56,580.00              | \$3,420.00                    |
| Bike Boulevard Signage- Large- 6 per mile                                                                                               |      | 30    | \$250.00    | \$7,500.00  | \$7,072.50               | \$427.50                      |

| ITEM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                       | UNIT | QUAN. | UNIT PRICE   | TOTAL        | FEDERAL TE FUNDS @ 94.3% | SPONSOR MATCHING FUNDS @ 5.7% |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|--------------|--------------|--------------------------|-------------------------------|
| Bike Boulevard Signage- Small- 20 per mile                                                                                                                                                                                                                                                                                                                                             |      | 100   | \$125.00     | \$12,500.00  | \$11,787.50              | \$712.50                      |
| Other traffic calming                                                                                                                                                                                                                                                                                                                                                                  |      | 3     | \$3,000.00   | \$9,000.00   | \$8,487.00               | \$513.00                      |
| Bike/Ped Signal at Ft. Lowell and 6th                                                                                                                                                                                                                                                                                                                                                  |      | 2     | \$150,000.00 | \$300,000.00 | \$282,900.00             | \$17,100.00                   |
| Enhance crossing at Speedway                                                                                                                                                                                                                                                                                                                                                           |      | 1     | \$86,000.00  | \$86,000.00  | \$81,098.00              | \$4,902.00                    |
| New Traffic Circles                                                                                                                                                                                                                                                                                                                                                                    |      | 10    | \$8,000.00   | \$80,000.00  | \$75,440.00              | \$4,560.00                    |
| Refuges at Glenn, Prince and Broadway                                                                                                                                                                                                                                                                                                                                                  |      | 3     | \$7,000.00   | \$21,000.00  | \$19,803.00              | \$1,197.00                    |
| Asphalt Path Connections                                                                                                                                                                                                                                                                                                                                                               |      | 2     | \$4,000.00   | \$8,000.00   | \$7,544.00               | \$456.00                      |
| Public Artwork/Kiosks                                                                                                                                                                                                                                                                                                                                                                  |      | 1     | \$10,000.00  | \$10,000.00  | \$9,430.00               | \$570.00                      |
| <b>SUBTOTAL - OTHER CONSTRUCTION LINE ITEMS</b>                                                                                                                                                                                                                                                                                                                                        |      |       |              | \$594,000.00 | \$560,142                | \$33,858                      |
| <b>5. MOBILIZATION AND ADMINISTRATION COSTS</b>                                                                                                                                                                                                                                                                                                                                        |      |       |              |              |                          |                               |
| CONTRACTOR MOBILIZATION (Typically about 8% of construction cost)                                                                                                                                                                                                                                                                                                                      | LS   | 1     | \$22,000.00  | \$22,000.00  | \$20,746.00              | \$1,254.00                    |
| TRAFFIC CONTROL (0-8% of construction cost)                                                                                                                                                                                                                                                                                                                                            | LS   | 1     | \$9,000.00   | \$9,000.00   | \$8,487.00               | \$513.00                      |
| CONSTRUCTION SURVEY & LAYOUT (Typically about 1% of constr. cost)                                                                                                                                                                                                                                                                                                                      | LS   | 1     | \$4,000.00   | \$4,000.00   | \$3,772.00               | \$228.00                      |
| CONSTRUCTION CONTINGENCIES (Typically about 5% of constr. cost)                                                                                                                                                                                                                                                                                                                        | LS   | 1     | \$17,000.00  | \$17,000.00  | \$16,031.00              | \$969.00                      |
| CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)                                                                                                                                                                                                                                                                                                                       | LS   | 1     | \$61,000.00  | \$61,000.00  | \$57,523.00              | \$3,477.00                    |
| <b>SUBTOTAL – MOBILIZATION &amp; ADMINISTRATION COSTS</b>                                                                                                                                                                                                                                                                                                                              |      |       |              | \$ 113,000   | \$106,559.00             | \$6,441.00                    |
| <b>TOTAL CONSTRUCTION OR IMPLEMENTATION COST (STAGE V)</b><br>(Enter this amount in Box A below.)                                                                                                                                                                                                                                                                                      |      |       |              | \$ 707,000   | \$666,701.00             | \$40,299.00                   |
| <b>D. ADOT REVIEW FEE</b> (Not applicable to State projects. Cannot be applied to the federal participation or the Local match. On Local Certification Acceptance or Self-administration projects, manually change the amount in the green cell to \$3,000. Change the amount to \$0 for State projects.)                                                                              |      |       |              |              |                          |                               |
|                                                                                                                                                                                                                                                                                                                                                                                        | LS   | 1     | \$3,000.00   | \$3,000.00   | NO ENTRY                 |                               |
| <b>E. TOTAL PROJECT COST</b><br>(All subtotals + ADOT local projects review fee)                                                                                                                                                                                                                                                                                                       |      |       |              | \$ 798,000   | NO ENTRY                 |                               |
| <b>F. SUMMARY OF FEDERAL AND NON-FEDERAL FUNDS</b><br><b>Caution: Follow the instructions in the notes provided.</b>                                                                                                                                                                                                                                                                   |      |       |              |              |                          |                               |
| TOTAL <b>CONSTRUCTION OR IMPLEMENTATION</b> COST (STAGE V) FROM THE ESTIMATE ABOVE. ALSO ADD IN THE TOTAL COST FOR <b>SCOPING</b> AND <b>DESIGN</b> (STAGES I THRU IV) IF REQUESTING FEDERAL FUNDS FOR REIMBURSEMENT OF THOSE COSTS.                                                                                                                                                   |      |       |              |              | BOX A                    | \$ 795,000                    |
| TOTAL <b>FEDERAL FUNDS CAPPED @ 94.3%</b> (.943 x amount shown in Box A above).<br>Note: For Local projects, the maximum amount that can be requested is \$750,000 (\$943,000 for State projects). If the amount automatically calculated by this program exceeds the maximum amount allowed for a State or Local project, manually input the maximum allowed amount of federal funds. |      |       |              |              | BOX B                    | \$ 749,685                    |
| TOTAL <b>SPONSOR MATCHING FUNDS</b> (.057 x cost shown in Box A above).<br>Note: The maximum amount that should be shown on this line is \$45,334 for Local projects (\$57,000 for State projects). If the amount automatically calculated by this program exceeds the appropriate amount for a State or Local project, manually input the appropriate amount.                         |      |       |              |              | BOX C                    | \$ 45,315                     |
| TOTAL <b>ADDITIONAL FUNDS (OVERMATCH)</b> . Note: Enter the amount in Box A in excess, if any, of \$795,334 for Local projects or \$1,000,000 for State projects.                                                                                                                                                                                                                      |      |       |              |              | BOX D                    | \$ (315)                      |
| TOTAL <b>NON-FEDERAL FUNDS</b><br>(Note: This is the sum of Box C and Box D).                                                                                                                                                                                                                                                                                                          |      |       |              |              | BOX E                    | \$ 45,000                     |

# TREAT AVENUE BICYCLE BOULEVARD GENERAL MASTER PLAN

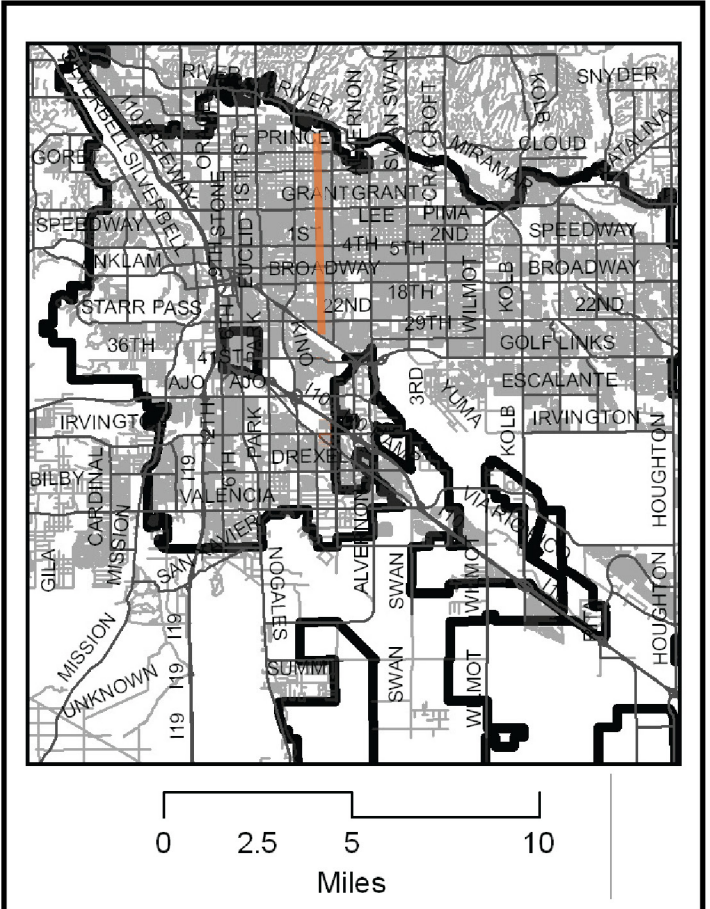


**LEGEND**

- PROPOSED HUB
- ◊ EXISTING HAWK
- ◊ PROPOSED HAWK
- ◊ PROPOSED TOUCAN
- PROPOSED TRAFFIC CIRCLE\*
- PROPOSED BLVD. JUNCTION\*
- PROPOSED BLVD. MARK
- ..... ARROYO CHICO GREENWAY (PROPOSED)
- ==== TREAT BICYCLE BLVD.
- |||||| PAVEMENT RESURFACING
- ==== OTHER PROPOSED BICYCLE BLVDs.
- //// CHICANES

0 0.25 0.5 1  
Miles

\*NOTE: ALL TRAFFIC CIRCLES ARE TO BE YIELD CONTROLLED.





Before: About 2/3 of Treat Avenue is signed as a bike route. The signage stops just before some difficult connections or difficult crossings. Many stop signs exist along Treat at intersections with other residential streets. Too many stop signs along a bike route make it unattractive to bicyclists having to stop and start frequently, or bicyclists become scofflaws for rolling through the Stop.



After: This is how a bicycle boulevard would look after improvements are made to the corridor. Strategically placed traffic calming devices, such as this traffic circle at Treat and Blackledge will make the intersection safer, while the yield signs will allow bike traffic to proceed through the intersection without always losing momentum. Pavement markings and wayfinding signs will help bicyclists find their way and will let them know how far to major destinations.



Proposed bicycle/pedestrian signal to be installed at Treat Avenue and Grant Road, as part of the Grant Road Improvement Project. The TOUCAN style signal prioritizes bicycles and pedestrians and helps reduce car traffic along Treat.. Tucson currently has four TOUCAN signals in use.



A similar TOUCAN style upgrade is proposed for the Treat Avenue and Speedway Boulevard crossing to make the intersection safer and more appealing to users.





The popular Rillito River Path currently connects with the north end of the Treat Avenue Bicycle Route but the path is only partially paved. There is also a lack of signage to tell users that they can connect from one facility to the other. This rendering depicts what the trailhead could look like with enhancements.



**City of Tucson Rep.**

Josefina Ahumada, Vice Chair,  
Mayor's Office  
Steve Bresler, Parliamentarian,  
Ward 1  
Brian Beck, Ward 2  
Kylie Walzak, Secretary, Ward 3  
Bruce Hermes, Ward 4  
Richard Corbett, Ward 5  
Dave Boston, Ward 6

**Pima County Rep.**

David Bachman-Williams  
Karen Berchtold, Chair  
Tony Crosby  
Jean Gorman  
Norm Land  
Martha Lemen  
Eric Post  
Larry Robinson  
Diana Tolton  
Evan Unger

**University of Arizona**

Charles Franz

**Town of Oro Valley**

Robert Turnbull

**Town of Marana**

Julie Prince

**Town of Sahuarita**

Kevin McDonald

**Davis-Monthan AFB**

(open)

**Ex-Officio, Special Projects**

Roy Schoonover

**Pima County (staff)**

Matthew Zoll

**City of Tucson (staff)**

Tom Thivener

**Town of Oro Valley (staff)**

Nancy Ellis

**Town of Marana (staff)**

Brian Varney

**Tucson Police Dept. (staff)**

Sgt. Tim Beam

**P.C. Sheriff's Dept. (staff)**

Deputy Ryan Roher

**Pima Assoc. of Gov. (staff)**

Gabriel Thum

June 9, 2010

Transportation Enhancement and Scenic Roads Section  
Arizona Department of Transportation  
1615 West Jackson Street, Mail Drop EM10  
Phoenix, Arizona 85007-3217

Re: Treat Bicycle Boulevard

Dear Transportation Enhancement Review Committee:

The Tucson-Pima County Bicycle Advisory Committee is pleased to support this application for Transportation Enhancement Funds for the Treat Bicycle Boulevard. This is an exciting opportunity to make routes safer and more user-friendly, and help boost area bicycling for both recreation and transportation purposes. Although Tucson as a whole is served by many miles of striped bicycle lanes, most of these run along heavily trafficked roads. Most would-be riders prefer to ride on "low stress bikeways" where traffic speeds and volumes are lower. If this corridor can be converted into a Bicycle Boulevard it would encourage more people to choose to bicycle.

Bicycle Boulevards largely utilize existing infrastructure, and are therefore a very cost-effective way to create routes that meet the needs of both riders and pedestrians. These kinds of routes allow riders of all abilities to comfortably and safely reach every-day destinations such as school, work and shopping. The very large volume of bicycle traffic seen along the existing Third Street Bikeway/Bike Boulevard in central Tucson is an example that this kind of facility really does attract many riders. In addition this kind of facility appeals to the whole spectrum of cyclists, from young children and families, to commuters, to racers.

Improving the Treat corridor would serve the Tucson region well. There are existing connections to the Rillito River path on the north and to the Aviation Bikeway on the south. Along the 5-miles in between are 11 public schools, several parks and a public library within ¼ mile of the corridor.

We welcome your thoughts and look forward to working with you to make the Treat Bicycle Boulevard a reality in Tucson. If you have any questions, feel free to contact me at 229-4814.

Sincerely,

Karen Berchtold, Chair  
Tucson-Pima County Bicycle Advisory Committee

## **Treat Bicycle Boulevard Supporters**

- Arroyo Chico Neighborhood Association
- Barrio Centro Neighborhood Association
- Blenman-Elm Neighborhood Association
- Broadmoor Neighborhood Association
- La Madera Neighborhood Association
- Sam Hughes Neighborhood Association
- Winterhaven Neighborhood
- Representative Gabrielle Giffords
- Former US Surgeon General Richard Carmona
- Tucson-Pima County Bicycle Advisory Committee

June 2, 2010

State Transportation Enhancement Review Committee  
Arizona Department of Transportation  
206 So. 17<sup>th</sup> Avenue  
Phoenix, AZ 85007-3213

**SUBJECT: Treat Bicycle Boulevard Transportation Enhancement Grant**

Dear Committee Members:

On behalf of The Tucson Department of Transportation (TDOT), I am writing to voice my support for the Treat Bicycle Boulevard Project for Transportation Enhancement funding. This 5-mile long project will connect thousands of residents to the Rillito River Path on the north and the Aviation Bikeway on the south. Mid-town Tucson lacks a north-south cross town bikeway that is “*low-stress*”. TDOT is hoping to encourage more folks to bike by providing Bicycle Boulevards that are more appealing to be on. Treat is used today by bicyclist, but many of the main crossing are a barrier in that they do not have a safe way to cross multi-lane roads. The improvements that will go in with this project will make the crossings safe and predictable. Improvements along the corridor will help to calm vehicle speeds and detour cut-through traffic.

As the City’s direct sponsor of this project, we believe that the Treat Bicycle Boulevard Project will provide a much needed enhancement in our community and will encourage many folks to bike who are hesitant to ride because of safety concerns.

Thank you for your considering this important project for funding.

Sincerely,

James W. Glock, P.E.