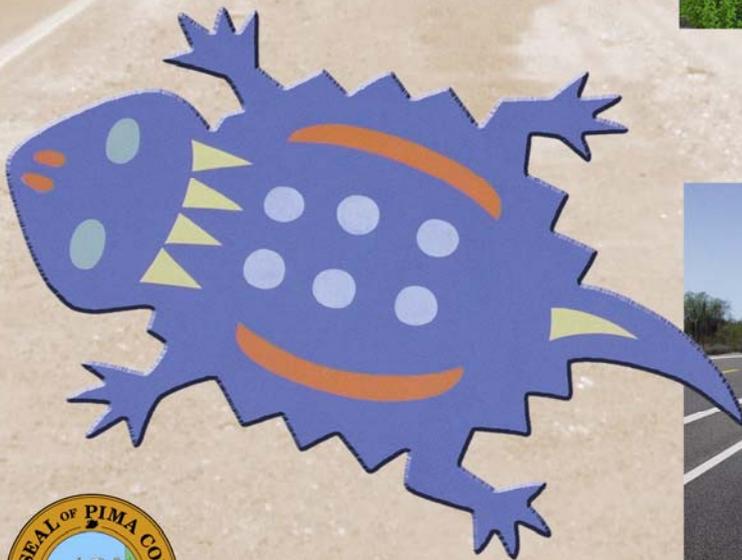


# PICTURE ROCKS AND DESERT WINDS SAFE ROUTES TO SCHOOL PROJECT

Round 14 Transportation  
Enhancement Grant  
Application

Sponsored by Pima County  
August, 2006



**ARIZONA TEA-21  
TRANSPORTATION ENHANCEMENT APPLICATION**

1. Please list the applicants applying for funding. All applications must be sponsored by a government agency. All projects which are 75% or more contained on the State Highway System right-of-way must have the ADOT District Engineers written support and ADOT is considered the sponsor.
2. List date application was completed.
3. List the project name or facility name. **The project must be transportation related.** If on a State Highway, list the route number and beginning milepost.
4. List mailing address of sponsoring agency.
5. List county where project is located. If there are additional counties, list starting county first.
6. List the Congressional District number. No name is required.
7. List contact person for project. This person must be from the sponsoring agency. The appropriate District will sponsor projects on the State system. (No exceptions).
8. List alternate contact person for the project. This person must be from the sponsoring agency.

**APPLICANT INFORMATION**

<b>1. APPLICANT AND SPONSOR</b> (Must be ADOT if on ADOT right of way) <b>Pima County Department of Transportation</b>	MPO / COG <b>PAG</b>	<b>2. DATE</b> <b>August 28, 2006</b>
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<b>3. PROJECT NAME &amp; LIMITS</b> (IF ON STATE SYSTEM, PLEASE BEGIN NAME WITH ROUTE NUMBER) <b>Picture Rocks and Desert Winds Safe Routes to School Project</b>
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<b>4. MAILING ADDRESS</b> <b>201 N. Stone Ave., Fifth Floor</b>
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<b>CITY</b> <b>Tucson</b>	<b>ZIP CODE</b> <b>85701</b>	<b>5. COUNTY</b> <b>Pima</b>	<b>6. CONGRESSIONAL DISTRICT</b> <b>7</b>
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<b>7. CONTACT PERSON</b> <b>Matt Zoll</b>	<b>TITLE</b> <b>Pima County Bicycle and Pedestrian Program Manager</b>	<b>PHONE NO:</b> <b>(520) 740-6746</b> <b>FAX NO:</b> <b>(520) 740-6341</b>
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<b>8. ALTERNATE PERSON</b> <b>Ben Goff</b>	<b>TITLE</b> <b>Deputy Director</b>	<b>PHONE NO:</b> <b>(520) 740-6403</b> <b>FAX NO:</b> <b>(520) 740-6341</b>
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**9. List the eligible transportation enhancement activity:** Provision of Facilities for Pedestrians & Bicycles

**10. List the requested amount of federal funds needed for the project \$** 500,000

**11. List the total cost of the project (federal plus other) \$** 795,375

**THE ELEVEN ELIGIBLE TRANSPORTATION ENHANCEMENT ACTIVITIES**

(The term 'Transportation Enhancement activities' means, with respect to any project or the area to be served by the project, any of the following activities if such activity relates to surface transportation)

- 1.) **PROVISION OF FACILITIES FOR PEDESTRIANS AND BICYCLES.**  
This does not include typical construction elements of a roadway such as; travel lanes, traffic signals, crosswalks, etc.
- 2.) **PROVISION OF SAFETY AND EDUCATIONAL ACTIVITIES FOR PEDESTRIANS AND BICYCLISTS**  
Activities must have a broad and preferably regional target audience.
- 3.) **ACQUISITION OF SCENIC EASEMENTS OR HISTORIC SITES - NOT ELIGIBLE IN ARIZONA**
- 4.) **SCENIC OR HISTORIC HIGHWAY PROGRAMS (INCLUDING THE PROVISION OF TOURIST AND WELCOME CENTER FACILITIES)**  
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. Must be on or within 2 miles of a State designated Scenic or Historic road.
- 5.) **LANDSCAPING AND OTHER SCENIC BEAUTIFICATION**  
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. Public art has been included in the new Transit Enhancements funding program under the new TEA-21 legislation. Maintenance of landscaping does not qualify under this program.
- 6.) **HISTORIC PRESERVATION**  
Any work under this category must have a **strong** transportation link either past, present or future.
- 7.) **REHABILITATION OF HISTORIC TRANSPORTATION BUILDINGS, STRUCTURES, OR FACILITIES (INCLUDING HISTORIC RAILROAD FACILITIES AND BRIDGES)**
- 8.) **PRESERVATION OF ABANDONED RAILWAY CORRIDORS (INCLUDING THE CONVERSION AND USE THEREOF FOR PEDESTRIAN OR BICYCLE TRAILS)**
- 9.) **CONTROL AND REMOVAL OF OUTDOOR ADVERTISING**
- 10.) **ARCHEOLOGICAL PLANNING AND RESEARCH**
- 11.) **ENVIRONMENTAL MITIGATION TO ADDRESS WATER POLLUTION DUE TO HIGHWAY RUNOFF OR REDUCE VEHICLE-CAUSED WILDLIFE MORTALITY WHILE MAINTAINING HABITAT CONNECTIVITY**
- 12.) **ESTABLISHMENT OF TRANSPORTATION MUSEUMS**  
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.

**NOTE: THESE ARE THE ONLY ITEMS ELIGIBLE FOR TRANSPORTATION ENHANCEMENT FUNDING. INCLUDING ELEMENTS NOT LISTED ABOVE MAY RESULT IN THE DISQUALIFICATION OF THE ENTIRE APPLICATION. OTHER ELEMENTS MAY BE INCORPORATED INTO THE PROJECT IF THEY ARE IDENTIFIED AS SEPARATE FUNDING IN THE COST ESTIMATE. IF ITEMS THAT ARE ELIGIBLE FOR OTHER FUNDING SOURCES ARE TO BE INCLUDED IN THIS PROJECT APPLICATION, THEN THOSE SOURCE FUNDS MUST BE IDENTIFIED AND USED FOR THOSE ITEMS. FINAL DETERMINATION OF QUALIFICATION WILL BE DEFINED IN THE PROJECT SCOPING PHASE.**

**12. PROJECT CATEGORY - Check all boxes that apply. Circle primary category in which you wish to be evaluated.**

<input checked="" type="checkbox"/> 1. Provision of Facilities for Pedestrians and Bicycles. <input checked="" type="checkbox"/> 2. Provision of Safety and Educational Activities for Pedestrians and Bicyclists <input type="checkbox"/> 3. NOT ELIGIBLE IN ARIZONA <input type="checkbox"/> 4. Scenic Highway Programs Including the Provision of Tourist and Welcome Center Facilities <input checked="" type="checkbox"/> 5. Landscaping and Other Scenic Beautification <input type="checkbox"/> 6. Historic Preservation	<input type="checkbox"/> 7. Rehabilitation of Historic Transportation Buildings, Structures, or Facilities (including historic railroad facilities and bridges) <input type="checkbox"/> 8. Preservation of Abandoned Railway Corridors (including the conversion and use thereof for pedestrian or bicycle trails) <input type="checkbox"/> 9. Control and Removal of Outdoor Advertising <input type="checkbox"/> 10. Archeological Planning and Research. <input type="checkbox"/> 11. Environmental Mitigation to Address Water Pollution Due to Highway Runoff or Reduce Vehicle-caused Wildlife Mortality While Maintaining Habitat Connectivity <input type="checkbox"/> 12. Establishment of Transportation Museums
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**13. PROJECT GENERAL DESCRIPTION:** INCLUDE PROJECT CONCEPT, LENGTH, MILEPOSTS, NUMBER OF ACRES, ETC.: **List all key elements of the project scope**

This project involves construction of sidewalks, bike lanes, shade landscaping and other safety enhancements along the access roads to Desert Winds Elementary and Picture Rocks Intermediate schools, and the Picture Rocks Community Center and new pool. The plan includes adding a 5' paved bike lane to Rudasill Road from Calvin Road to Avra Road (1.25 mi.); restriping Sanders Road from Rudasill to Sunset Drive to delineate 5' bike lanes (0.6 mi.); construction of 5' sidewalk along the north side of Rudasill from Calvin to Chaparral Road (0.8 mi.), and along the south side from the existing sidewalk at the west edge of the school property to Chaparral (0.25 mi.). A 5' wide sidewalk will be also be constructed along the west side of Sanders from the existing sidewalk that ends at the south edge of the school property to Sunset (0.3 mi.), connecting the school to the pool, community center and ball fields.

The double driveway at Desert Winds Elementary School will be reconstructed to delineate separate driveways, and a raised crosswalk will be built across both driveways to slow traffic entering and exiting the school, as well as make the children crossing more visible to traffic. Shade landscaping will be installed along all sidewalk segments. This project also includes 2<sup>nd</sup> grade pedestrian education, 4<sup>th</sup> grade bicycle education, and student designed artwork.

**14. Describe the project.** Please answer all questions using the format outlined below.

- A) Where is the project located? (Must attach map in appendix)
  - B) Is the project on a planned, existing, or under construction transportation corridor?  
If on a planned corridor under construction, what is the approximate or scheduled completion date for the corridor?
  - 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.
  - D) Can the project be constructed entirely within the project right-of-way (ROW)?  
Who owns the proposed project ROW?  
Are there any private landowners involved? If so please list.  
What percent of the project area is on ADOT ROW?
  - E) Are there drainage issues to consider? Describe any potential impacts to Waters of the U.S.
  - F) Are utility relocations necessary?
  - G) What is the proposed time frame for completion of the project?
  - H) Will the project be ADA accessible?
- A. The project is located in unincorporated Pima County in the Picture Rocks area within the Marana Unified School District. The project scope includes Sanders Road from Rudasill Road to Sunset Drive, and Rudasill Road from Calvin Road to Avra Road.
- B. This project lies within an existing transportation corridor.
- C. The project involves design and construction of sidewalks and bike lanes on both sides of the roadway on Rudasill Road, installation of curbing and median extension in front of Desert Winds Elementary School, sidewalks on Sanders Road to Sunset Drive, and shade treatments with children's artwork incorporated.

As part of Pima County's commitment to this project, the County will provide a complete roadway overlay in conjunction with the construction of the bike lanes on Rudasill Road. By utilizing this method the County is able to reduce the cost of the bike lanes by approximately 60 percent because of efficiencies of scale and more cost-efficient construction techniques. The County will pay for the cost of the roadway portion of the overlay, with TE funds covering the cost of the bike lane portion. The County's additional contribution for the roadway overlay is approximately \$97,000.

- D. a) Yes.  
 b) No, private landowners will not be involved.  
 c) None of the project is located in ADOT ROW. The entire project, with the exception of the school driveway reconstruction, is on Pima County ROW. The driveway reconstruction is on land owned by Marana Unified School District. The support of the schools and the district for this reconstruction is indicated in the letters of support included with this proposal.
- E. Drainage issues will not impact Waters of the U.S.
- F. No utility relocations will be necessary
- G. The proposed time frame for completion is 36 months.
- H. Yes, the project will be ADA accessible.

**15. How will the project be maintained?** All projects will require a signed Joint Project Agreement (JPA) prior to project construction. The following information is required for completing the JPA. Please answer all questions listed by describing how the project will be maintained and repaired after completion.

- A) Organization(s) responsible for on-going maintenance and repairs of the TE project.
  - B) Proposed on-going maintenance and repair program
  - C) Source of funds for on-going maintenance and repairs
- A. Pima County Department of Transportation is responsible for maintenance and repairs within the county ROW. Marana Unified School District will be responsible for maintenance and repairs to facilities built on their ROW. The Citizens for Picture Rocks, a non profit organization will also provide some maintenance and repairs. In addition, Boy Scout Troop 218 will perform trash clean ups in the area.
  - B. Pima County Department of Transportation will conduct ongoing maintenance and repairs within the county ROW. The Citizens for Picture Rocks, a non profit organization will also provide some ongoing maintenance and repairs in their quarterly trash clean ups throughout the year. Boy Scout Troop 218 performs periodic trash clean ups in this area.
  - C. Highway User Revenue Funds and Marana Unified School District facility funds will be used in performing roadway, bike lane and sidewalk/pedestrian path maintenance and repairs, and also for landscape maintenance.

**16. If you are a local government, do you anticipate requesting self bid and administration based on the FHWA guidelines? (See TE Handbook, revised 2006, for clarification).**

Pima County will be requesting self bid and administration.

**17. Is the proposed project listed on or does it meet criteria for any local, state, or federal, historic or scenic designations?** 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?

The project is not listed nor does it meet historic or scenic designations.

**18. 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?

Citizens for Picture Rocks, a non-profit organization comprised of community citizens, discussed this project at their February 2006 meeting. During that meeting, a committee was developed to determine the feasibility of the project. On March 25, 2006 a workshop was held to discuss safety improvements for walkers and cyclists in the area. In attendance were the Transportation Coordinator for the Marana Unified School District, the principals for both Desert Winds Elementary and Picture Rocks Intermediate schools, Pima County Department of Transportation staff, local community citizens including the crossing guard, and five students from Desert Winds Elementary School. After discussing the issues and determining an action plan, the group walked the area and discussed specific redesign issues. A consensus was reached to move ahead with the grant application.

In addition, the Pima Association of Governments has bicycle and pedestrian safety and education goals, incorporating Safe Routes to Schools in the PAG 2030 Regional Transportation Plan.

**19. 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).**

### **Why the Project is an Enhancement**

This project enhances the Community of Picture Rocks by improving pedestrian safety in a heavily traveled area due to two large elementary schools with 925 students plus faculty. There is also an Urgent Care Center, Head Start Program, community center and park, and public swimming pool all located on the same block. Currently Rudaill Road is a narrow, two lane roadway with no bike lanes and with a 45 mph speed limit, making walking and cycling through this area hazardous and uninviting. The project includes fully ADA-compatible sidewalks and the addition of bicycle lanes.

### **Community Benefit and Improvement**

The grant will enhance the quality of life of individuals living and working in this largely rural community by providing a safe and healthy school, work and social environment, including the benefits of increased exercise while using sidewalks and bikeways. Community members and their children will be able to more safely walk and cycle to this center of community activity, including the new swimming pool, activities and meetings at the community center, and athletic leagues such as the Monday night basketball series. The proposal will further enhance children's learning through educational goals aimed at bicycle and pedestrian safety, which translates into a healthier lifestyle for all. The grant will enhance the area aesthetically through the addition of shade landscaping and children's art designed by the local schools. Participation in design and art by the students and community will also provide a strong sense of ownership.

### **Reason for Funding**

This project should be funded to improve safety and provide greater transportation choice for all children, local residents, faculty, and healthcare employees using this central corridor. One child has been seriously injured and another was killed when they were hit by cars in the Desert Winds school zone while walking to school. Through enhanced facilities and pedestrian and bicycle safety education this project will promote involvement by school personnel, parents, students and community residents in improving pedestrian and bicycle safety in this focal point of community activity. Census Bureau information indicates that the population in the Picture Rocks area has

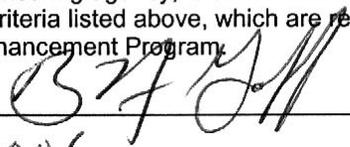
more than doubled between 1990 and 2000, and strong growth is anticipated in the area for the next 20 years. This population growth will bring additional people to this already congested center of community activity.

**Important Basic Criteria for all TE Projects**

- A. Project eligible under one or more of the 11 Transportation Enhancement activities
- B. Proposed project is related to Surface Transportation
- C. Project is over and above normal transportation project. (Typical mitigation type activities such as landscape restoration and permanent erosion control are a normal part of a transportation projects and are ineligible)
- D. Project is sponsored by a government entity
- E. Project is consistent with sponsoring agency's plans
- F. Project will be scheduled to go to bid within 3 years of acceptance
- G. Project matching funds are available (Minimum 5.7% hard cash)
- H. Project sponsor has the resources available to develop the project (Including local project management)
- I. Completed project will meet applicable Federal, state and local requirements
- J. The completed project will be open to the public during normal business hours at no charge and meet the accessibility standards of the Americans with Disabilities Act
- K. Project will improve air quality or have a neutral air quality impact
- L. Local project does not exceed \$500,000 in federal funds
- M. State project does not exceed \$1,000,000 in federal funds

**20. 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.

Sponsor Representative 

Date 5 June 2006

**State projects must be signed by the appropriate District Engineer.**

**NOTE:**

Projects that involve historic buildings or structures, or which are within or adjacent to historic districts, should be reviewed by the State Historic Preservation Office (SHPO), preferably before the application is submitted to the MPO/COG.

Projects that involve public art sponsors are encouraged to contact the Arizona Commission on the Arts during the application phase.

**21. Endorsement of Metropolitan Planning Organization/Council of Governments**

This project has been reviewed and endorsed by:

MPO/COG \_\_\_\_\_ Date: \_\_\_\_\_

Estimated Project Costs						
ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
<b>STAGE 1 – SCOPING (15% Preliminary Design)</b>						
<b>SCOPING COSTS</b>						
Costs cannot be applied toward the federal participation or local match						
SITE TOPOGRAPHIC SURVEY (2%-5% of constr. cost)	LS	1	\$12,148.78	\$12,148.78	<b>NO ENTRY</b>	
SCOPING DOCUMENT (Scoping Letter, Project Assessment or DCR)	LS	1	\$16,500.00	\$16,500.00		
ENVIRONMENTAL DETERMINATION (Including technical supporting documents)	LS	1	\$7,800.00	\$7,800.00		
HAZARDOUS MATERIALS ASSESSMENT Including heavy metals & asbestos (If an assessment is necessary, anticipate \$1,500.	LS	1	\$2,500.00	\$2,500.00		
<b>SUBTOTAL – PROJECT SCOPING COSTS</b>				\$ 38,949		
<b>STAGES II, III, IV - DESIGN</b> (30%, 60%, 95%-100% Design)						
<b>DESIGN COSTS</b>						
Note: The use of federal funds for design is optional and subject to authorization. Design should not go beyond Stage II (30%) without environmental approval.						
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.) (Shall be refunded if project is not constructed)	LS	1	\$91,115.84	\$91,115.84	<b>NO ENTRY</b>	
DRAINAGE REPORT (If a report is necessary, anticipate 5% of construction cost)	LS	1	\$24,297.56	\$24,297.56		
STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost)	LS	1	\$6,074.39	\$6,074.39		
<b>SUBTOTAL – PROJECT DESIGN COSTS</b>				\$ 121,488	\$114,563	\$6,925
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.						

Estimated Project Costs						
ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
<b>STAGE V – CONSTRUCTION</b>						
<b>SITE ACQUISITION &amp; HARDSCAPE CONSTRUCTION</b>						
RIGHT-OF-WAY ACQUISITION (if necessary)	LS	1		\$0.00	\$0.00	\$0.00
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs)	LS	1	\$25,400.00	\$25,400.00	\$23,952.20	\$1,447.80
SITE PREPARATION (Clearing and grubbing, plant salvage)	LS	1	\$10,000.00	\$10,000.00	\$9,430.00	\$570.00
<b>EARTHWORK</b>						
AGGREGATE BASE	CY	163	\$45.00	\$7,335.00	\$6,916.91	\$418.10
<b>PATHWAY OR SIDEWALK MATERIALS</b>						
Concrete	SF	33,050	\$6.50	\$214,825.00	\$202,579.98	\$12,245.03
Asphaltic Concrete for bike lane	Ton	1,180	\$80.00	\$94,400.00	\$89,019.20	\$5,380.80
<i>AC for roadway overlay (not included in total; paid by County)</i>	Ton	1,210	\$80.00	\$96,800.00	\$91,282.40	\$5,517.60
PEDESTRIAN ADA RAMP	EA	4	\$1,300.00	\$5,200.00	\$4,903.60	\$296.40
<b>SUBTOTAL - SITE ACQUISITION &amp; HARDSCAPE CONSTRUCTION</b>				\$357,160.00	\$336,802	\$20,358
<b>LANDSCAPING &amp; IRRIGATION ITEMS</b>						
TREES (15 GALLON SIZE)	Each	42	\$85.00	\$3,570.00	\$3,366.51	\$203.49
TREES (5 GALLON SIZE)	Each	32	\$49.00	\$1,568.00	\$1,478.62	\$89.38
SHRUBS (5 GALLON SIZE)	Each	120	\$22.00	\$2,640.00	\$2,489.52	\$150.48
<b>MULCH</b>						
Decomposed Granite	CY	260	\$60.00	\$15,600.00	\$14,710.80	\$889.20
Organic		60	\$42.00	\$2,520.00	\$2,376.36	\$143.64
BOULDERS	Each	50	\$65.00	\$3,250.00	\$3,064.75	\$185.25
<b>IRRIGATION SYSTEM</b>						
Drip	SF	31,000	\$0.80	\$24,800.00	\$23,386.40	\$1,413.60
LANDSCAPE ESTABLISHMENT (Typically 4.5% of the cost of landscaping)	LS	1	\$2,697.40	\$2,697.40	\$2,543.65	\$153.75
<b>SUBTOTAL – LANDSCAPING &amp; IRRIGATION ITEMS</b>				\$ 56,645	\$53,417	\$3,229
<b>SITE FURNISHINGS</b>						
BENCHES	Each	8	\$450.00	\$3,600.00	\$3,394.80	\$205.20
<b>SUBTOTAL – SITE FURNISHINGS</b>				\$ 3,600	\$3,395	\$205
<b>OTHER CONSTRUCTION ITEMS (List line items)</b>						
Artistic Safe Routes treatments (stencils, signs, tilework, etc) designed by school children		1	\$12,000.00	\$12,000.00	\$11,316.00	\$684.00
Grading Roadway for Pavement	S.Y.	7,500	\$3.00	\$22,500.00	\$21,217.50	\$1,282.50
				\$0.00	\$0.00	\$0.00
<b>SUBTOTAL - OTHER CONSTRUCTION LINE ITEMS</b>				\$ 34,500	\$32,534	\$1,967
<b>SUBTOTAL - ALL CONSTRUCTION LINE ITEMS</b>				\$ 451,905	\$426,147	\$25,759

Estimated Project Costs						
ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
<b>MOBILIZATION AND ADMINISTRATION COSTS</b>						
CONTRACTOR MOBILIZATION (Typically 8% of construction cost)	LS	1	\$22,595.27	\$22,595.27	\$21,307.34	\$1,287.93
TRAFFIC CONTROL (0-8% of construction cost)	LS	1	\$29,000.00	\$29,000.00	\$27,347.00	\$1,653.00
CONSTRUCTION SURVEY & LAYOUT (Typically 1% of construction cost)	LS	1	\$4,519.05	\$4,519.05	\$4,261.47	\$257.59
CONSTRUCTION CONTINGENCIES (Typically 5% of construction cost)	LS	1	\$45,190.54	\$45,190.54	\$42,614.68	\$2,575.86
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	LS	1	\$54,228.65	\$54,228.65	\$51,137.62	\$3,091.03
<b>SUBTOTAL – MOBILIZATION &amp; ADMINISTRATION COSTS</b>				\$ 155,534	\$146,668.10	\$8,865.41
<b>TOTAL STAGE V COSTS (CONSTRUCTION)</b> (Enter this amount in Box A below.)				\$ 607,439	\$572,814.89	\$34,624.02
Bicycle and pedestrian safety and education activities for elementary and intermediate school children.	LS	1	\$24,500.00	\$24,500.00	NO ENTRY	
ADOT REVIEW FEES (Cannot be applied to the federal participation or the local match. On local Certification Acceptance or Self-administration projects, change to \$3,000)	LS	1	\$3,000.00	\$3,000.00	NO ENTRY	
<b>TOTAL PROJECT COST (All subtotals + ADOT review fee)</b>				\$ 795,375	NO ENTRY	
<b>SUMMARY OF FEDERAL AND LOCAL FUNDS</b>						
<b>TOTAL STAGE V COSTS (CONSTRUCTION) FROM THE ESTIMATE ABOVE, AND DESIGN COSTS IF REQUESTING FEDERAL FUNDS FOR DESIGN.</b> Include design costs (Stages II thru IV) if federal funds are requested for design as shown under Design Costs in the federal column above.					<b>BOX A</b>	\$ 728,927
<b>TOTAL FEDERAL FUNDS CAPPED @ 94.3% (.943 x amount shown in Box A above).</b> Note: For local projects, the maximum federal funds that can be requested is \$500,000 (\$1,000,000 for state projects).					<b>BOX B</b>	\$ 500,000
<b>TOTAL SPONSOR MATCHING FUNDS (.057 x cost shown in Box A above).</b> Note: The maximum amount that should be shown on this line is \$30,223 for local projects (\$60,445 for state projects).					<b>BOX C</b>	\$ 30,223
<b>TOTAL SPONSOR ADDITIONAL FUNDS (OVERMATCH).</b> Enter the amount in Box A in excess, if any, of \$530,223 for local projects or \$1,060,445 for state projects.					<b>BOX D</b>	\$ 198,704
<b>TOTAL SPONSOR FUNDS (Sum of Box C and Box D).</b>					<b>BOX E</b>	\$ 228,927

**RESOLUTION AND ORDER 2006 - \_\_\_\_\_**

**RESOLUTION AND ORDER OF THE PIMA COUNTY BOARD OF SUPERVISORS APPROVING AND AUTHORIZING THE APPLICATION FOR FEDERAL TRANSPORTATION ENHANCEMENT FUNDS THROUGH THE ARIZONA DEPARTMENT OF TRANSPORTATION TO IMPLEMENT THE PICTURE ROCKS AND DESERT WINDS SAFE ROUTES TO SCHOOL PROJECT.**

**WHEREAS**, Rudasill and Sanders Roads currently have no pedestrian and bicycle facilities or shade landscaping; and

**WHEREAS**, the Picture Rocks and Desert Winds Safe Routes to School Project provides a valuable enhancement for pedestrians and bicyclists wishing to access the Picture Rocks Intermediate and Desert Winds Elementary Schools, the Picture Rocks Community Center and ball field complex, and a new community swimming pool which is currently being built; and

**WHEREAS**, the proposed project includes full design and construction of sidewalk and bicycle lanes, installation of shade landscaping, and construction of enhanced pedestrian crosswalks on Rudasill Road from Calvin Road to Avra Road, and on Sanders Road from Rudasill Road to Sunset Road; and safety and educational activities with the elementary school children and their parents; and

**WHEREAS**, Pima County has successfully utilized Transportation Enhancement funds to construct numerous popular and successful projects within all Pima County Board of Supervisor Districts, including the Sunset Villa Pedestrian Enhancement Project, the Pima County-Tucson Safe Routes to Schools Project, the Bicycle and Pedestrian Safety and Education Project, the Dan Yersavich Memorial Bikeway, the Brad P. Gorman Memorial Bikeway, the Laguna Elementary School Sidewalks and Shade Landscaping Project, and the Hohokam Middle School Bike Lanes and Pedestrian Pathway Project, the Homer Davis Elementary School Bicycle and Pedestrian Enhancement, and the Continental Elementary and Middle School Safe Routes to School Project.

**NOW, THEREFORE, UPON MOTION DULY MADE, SECONDED AND CARRIED, BE IT RESOLVED THAT:**

1. An application for federal Transportation Enhancement reimbursable grant assistance to implement the Picture Rocks and Desert Winds Safe Routes to School Project be filed with the appropriate agency.
2. If the federal reimbursable funds are approved by the Arizona Department of Transportation, Pima County will provide matching funds equal to 5.7 percent of the total project cost. As required, Pima County will also pay ADOT a \$3,000 processing fee if the federal reimbursable funds are approved for the project.
3. The Chair of the Board of Supervisors is hereby authorized to sign any and all documents to effectuate the grant application and any subsequent amendments and/or documents relating thereto.

**PASSED AND ADOPTED THIS \_\_\_\_\_ day of \_\_\_\_\_, 2006.**

PIMA COUNTY BOARD OF SUPERVISORS:

\_\_\_\_\_  
Richard Elías, Chair

ATTEST:

\_\_\_\_\_  
Clerk of the Board

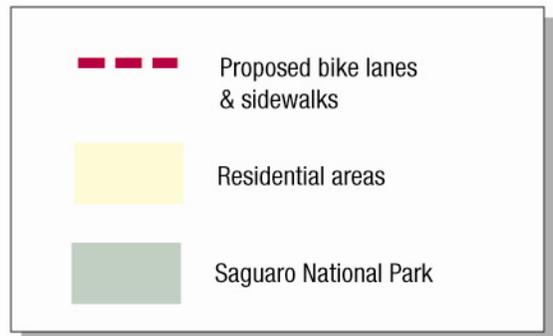
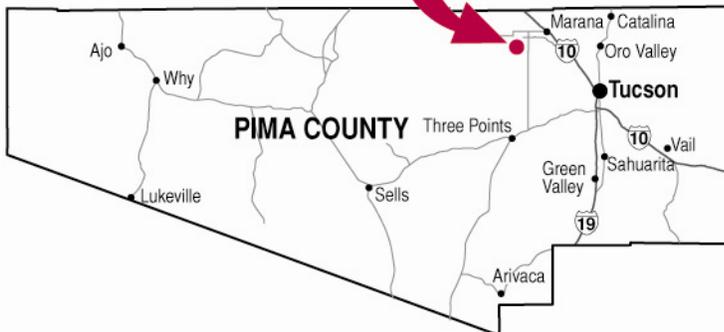
Approved as to form:

\_\_\_\_\_  
Deputy County Attorney

# Project Location Map



This project





Rudasill Road in front of Desert View Elementary School, looking west. Addition of sidewalks, shade landscaping, and bike lanes improve access to the elementary school.



Crosswalk at double driveway in front of Desert View Elementary School. Extension of center walkway separates the driveways, raised pedestrian crossing increases the safety and visibility of students, and bicycle lanes enhance the safety of the roadway for both pedestrians (by providing separation from traffic) and cyclists.



South end of school property on Sunset Drive, looking south. Addition of sidewalks, shade landscaping and bike lanes improve access to the schools, community center, ball fields and new swimming pool.



## COUNTY ADMINISTRATOR'S OFFICE

PIMA COUNTY GOVERNMENTAL CENTER  
130 W. CONGRESS, TUCSON, AZ 85701-1317  
(520) 740-8661 FAX (520) 740-8171

C. H. HUCKELBERRY  
County Administrator

June 7, 2006

State Transportation Enhancement Review Committee  
Arizona Department of Transportation  
206 South 17th Avenue  
Phoenix, Arizona 85007-3213

**Re: Picture Rocks and Desert Winds Safe Routes to School Project**

Dear Review Committee Members:

I would like to submit this letter in support of the Picture Rocks and Desert Winds Safe Routes to School Project. This project will provide an important bicycle and pedestrian link between the neighborhoods that feed Picture Rocks Intermediate School and Desert Winds Elementary School, and will provide connectivity for school children and neighborhood residents to walk and cycle to the existing Picture Rocks Community Center and ballfield complex, as well as to a community swimming pool that is currently being built. Pima County commits to providing the local match requirements.

As there are currently no sidewalks or bike lanes along this stretch of Rudasill Road, this project would increase bicycle and pedestrian safety in this high-activity area. Bicycle and pedestrian travel occurs daily in this area by residents and the students who walk or cycle to the schools. Additionally, this project includes landscaping which would increase the visual appeal of the streetscape and provide shade to the users. The proposed raised crosswalks would slow traffic down, as well as better allow the crossing guard to control traffic through the double driveway at the entrance to the elementary school. It will also make the kids more visible to oncoming traffic, thereby increasing their safety. This project will also provide pedestrian and bicycle safety education for the students, further increasing their ability to walk safely to and from the school, community center, ballfields and new swimming pool.

Thank you for your consideration of the Picture Rocks and Desert Winds Safe Routes to School Project. I feel this is a worthwhile project that will greatly enhance the livability of area residents by providing safer access to this important center of community activity.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Huckelberry", is written over the typed name and title.

C.H. Huckelberry  
County Administrator

CHH/jj



**SHARON BRONSON**

**PIMA COUNTY BOARD OF SUPERVISORS**

**DISTRICT 3**

130 WEST CONGRESS STREET, 11 FLOOR  
TUCSON, ARIZONA 85701-1317  
(520) 740-8051

district3@pima.gov  
www.district3.pima.gov

KIKI BARCELO  
EXECUTIVE STAFF ASSISTANT

LILIAN VON RAGO  
SPECIAL STAFF ASSISTANT

ERIK TREVINO  
SPECIAL STAFF ASSISTANT

June 7, 2006

State Transportation Enhancement Review Committee  
Arizona Department of Transportation  
206 W. 17<sup>th</sup> Avenue  
Phoenix, AZ 85007-2313

Re: Picture Rocks and Desert Winds Safe Routes to School Project

Dear Review Committee Members:

I am writing in support of the Picture Rocks and Desert Winds Safe Routes to School Project. This sidewalk project will provide an important pedestrian and bicycle connection between neighborhoods and the two elementary schools in the area. Additionally, it will connect to the Picture Rocks Community Center, ball fields, and the swimming pool, currently being built approximately one-quarter mile to the south. It will also greatly benefit the surrounding community members, as it will provide safer walking and cycling between area residents and this focal point of community activity.

Currently there are no sidewalks along Rudasill Road, leaving children and adults to walk in or along the street, a two lane roadway with no shoulders and a 45 mph speed limit. There are no bike lanes on Rudasill or Sanders---the addition will make cycling along these roadways considerably safer.

Landscaping would provide shade, as well as a more aesthetically pleasing environment, and the proposed pedestrian and bicycle safety education component will enhance children's ability to walk to school and to the Community Center/recreation area more safely. The enhanced crosswalks in front of Desert Winds Elementary School will allow the children to be more visible. They will also slow down traffic turning into the school, thereby allowing the crossing guard to better control traffic.

This project will improve safety conditions at a local elementary school in a school zone that has already had one serious injury and one fatality. I appreciate your consideration, and urge you to fund this project.

Sincerely,

A handwritten signature in black ink that reads "Sharon Bronson".

Sharon Bronson  
Pima County Board of Supervisors

# MARANA UNIFIED SCHOOL DISTRICT

11279 W. Grier Road • Marana, Arizona 85653 • (520) 682-3243

## GOVERNING BOARD

Bill Kuhn, President  
Patricia A. Teager, Vice President  
Maribel Lopez, Member  
Dan Post, Member  
Albert Siqueiros, Ed.D., Member

## ADMINISTRATION

Dennis W. Dearden, Superintendent  
Carolyn Dumler, Assistant Superintendent  
Jan Truitt, Ed.D., Assistant Superintendent  
Dan Contorno, Chief Financial Officer

May 19, 2006

To Whom It May Concern:

The intention of this letter is to convey to you our whole-hearted support of providing a "Safe Pathway to School" for the school age children in the Picture Rocks neighborhood. The impact of new sidewalks and safe routes connecting Desert Winds Elementary, Picture Rocks Intermediate and the Picture Rocks Community Center will have a dramatic impact on the safety of students in this area. The schools, community center, and park are dynamic areas that bustle with energy and activity. Safer, defined sidewalks for pedestrians and bicyclists in these areas will ensure that the activities at these sites will continue to thrive.

Currently the area surrounding the schools and community center is edged with dirt pathways along the side of a busy road. Population at both schools continues to increase as construction and housing development move into the area. This growth translates to a greater need for defined sidewalks as more students walk or ride bikes to school. Additionally, the park is currently completing a new community pool. The pool is a much-anticipated attraction and will also add greatly to the pedestrian and bicycle traffic along the side of the road.

The largest impact of this project will be in defining a safer space for pedestrians and bicyclists as they travel between the schools and the community center. By providing safe routes to school we will be better able to encourage our students to walk or ride their bikes, which will promote physical activity for our students. Completion of the sidewalk project will also include landscaping and other beautification in the area. The aesthetics of this area will be improved; no longer a dirt patch on the side of the road, but a functional, safe and beautiful pathway for the community to use and enjoy. We are in firm support of using the "Safe Pathways" grant for sidewalk construction in this area as it will meet many needs in the community.

Sincerely,



Denise Linsalata  
Principal, Desert Winds Elementary



Patricia Cadigan  
Principal, Picture Rocks Intermediate

*"Striving for Excellence"*

# MARANA UNIFIED SCHOOL DISTRICT

11279 W. Grier Road • Marana, Arizona 85653 • (520) 682-3243

## GOVERNING BOARD

Patricia A. Teager, President  
Maribel Lopez, Vice President  
Bill Kuhn, Member  
Dan Post, Member  
Albert Siqueiros, Ed.D., Member

## ADMINISTRATION

Dennis W. Dearden, Superintendent  
Carolyn Dumler, Assistant Superintendent  
Jan Truitt, Ed.D., Assistant Superintendent  
Dan Contorno, Chief Financial Officer

May 10, 2006

State Transportation Enhancement Review Committee  
Arizona Department of Transportation  
206 S. 17<sup>th</sup> Avenue  
Tucson, AZ 85743

To Whom It May Concern:

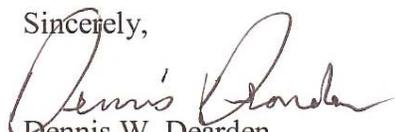
Please accept this letter as an indication of the Marana Unified School District's support of the grant proposal that is being submitted by Citizens for Picture Rocks for funding of the Safe Pathways for School Age Children grant.

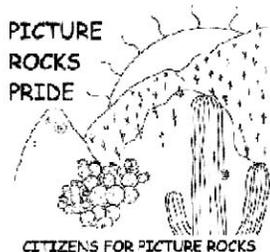
The Marana Unified School District has been working to develop a strategic plan which will pull together all of our efforts across the District and ensure we are all committed to the same priorities and goals. A Committee for Renewed Excellence, comprised of teachers, principals, administrators, community members, business members, parents and our Governing Board was established. This group of approximately seventy individuals developed six priorities, one of which is **Safe and Healthy Environments**. It is imperative that all agents work together to provide for the safety and welfare of the residents in our community.

If funded, the grant would provide sidewalks for pedestrians and bicycles adjacent to both Picture Rocks Intermediate School and Desert Winds Elementary School, education on bicycle safety for school age children, and traffic devices to affect safety and promote well-being of motorists, bicyclists, and pedestrians in the area. The establishment of the sidewalks would also provide a safe pathway for the community to access the park and pool that is currently under construction.

I strongly urge you to give this grant proposal every consideration.

Sincerely,

  
Dennis W. Dearden  
Superintendent



**CITIZENS FOR PICTURE ROCKS, INC.**

5337 N. Avra Road  
Tucson, Arizona 85743  
Phone: 520-682-8862

Email: [PictureRocksDigest@Netzero.com](mailto:PictureRocksDigest@Netzero.com)  
"Improving the Quality of Life in Our Community"

May 18, 2006

State Transportation Enhancement Review Committee  
Arizona Department of Transportation  
206 S. 17th Ave.  
Phoenix, AZ 85007-3213

Re: Picture Rocks Request for Transportation Enhancement, Safe Pathways to Schools

To Transportation Enhancement Review Committee Members,

Citizens for Picture Rocks, Inc., wholeheartedly supports Safe Pathways to Schools for the Picture Rocks area. As a rural community, we welcome the support of the Department of Transportation to enhance our community while promoting safety for our children.

Connecting our schools, park, swimming pool and community center to our residential neighborhoods in a safe way is critically important to our families.

We appreciate the assistance in providing a healthy environment sensitive to the needs of the pedestrians and bicyclists who will use the pathways that are to be constructed. Motorists who use this corridor will also benefit from added safety features, which will decrease stress in an area that is highly congested during the school year.

In addition, bicycle safety and other educational programs geared to our younger constituents will increase the safety of all our citizens. We look forward to continued support in this endeavor.

Sincerely,

Greg Mattison, President  
Citizens for Picture Rocks

Karen J. Zopf, Secretary  
Citizens for Picture Rocks