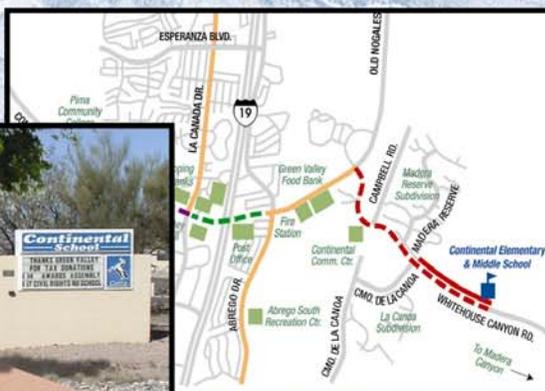


# Continental Elementary and Middle School Safe Routes to School Project



Arizona TEA-21  
Transportation  
Enhancement  
Application



Sponsored by Pima County  
Department of Transportation  
August 2005

**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. An alternate person should also be listed. The appropriate District will sponsor projects on the State system. (No exceptions).
8. Person responsible for completing application form.

**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 15, 2005</b>
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<b>3. PROJECT/ROUTE/FACILITY NAME and BEGINNING MILEPOST</b> <b>Continental Elementary and Middle School Safe Routes to School Project - Bike Lanes, Pathway &amp; Safety Education</b>
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<b>4. MAILING ADDRESS</b> <b>201 N. Stone Avenue, 5<sup>th</sup> Floor, Tucson, AZ 85701</b>
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CITY <b>Tucson</b>	ZIP CODE <b>85701</b>	<b>5. COUNTY</b> <b>Pima</b>	<b>6. CONGRESSIONAL DISTRICT</b> <b>8</b>
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<b>7. CONTACT PERSON</b> <b>Matt Zoll</b>	TITLE <b>Pima County Bicycle and Pedestrian Program Manager</b>	PHONE NO: <b>(520) 740-6746</b> FAX NO: <b>(520) 740-6341</b>
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ALTERNATE PERSON <b>Ben Goff</b>	TITLE <b>Deputy Director</b>	PHONE NO: <b>(520) 740-6403</b> FAX NO: <b>(520) 740-6341</b>
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<b>8. FORM FILLED OUT BY:</b> <b>James Jordan</b>  <b>Matt Zoll</b>	TITLE <b>Green Valley Community Coordinating Council Volunteer</b> <b>Pima County Bicycle and Pedestrian Program Manager</b>	PHONE NO: <b>(520) 625-9190</b> FAX NO: <b>(520) 648-5079</b>  PHONE NO: <b>(520) 740-6746</b> FAX NO: <b>(520) 740-6341</b>
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List category applied for **1. Provision of Facilities for Pedestrians and Bicycles; 2. Provision of Safety and Educational Activities for Pedestrians and Bicyclists** (LIMIT 2)

Amount of Federal funds requested     \$ 445,850     Total Project Cost     \$ 549,148

**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. Any project under this activity 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.**

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

<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 1. Provision of Facilities for Pedestrians and Bicycles</li> <li><input checked="" type="checkbox"/> 2. Provision of Safety and Educational Activities for Pedestrians and Bicyclists</li> <li>3. NOT ELIGIBLE IN ARIZONA</li> <li><input type="checkbox"/> 4. Scenic Highway Programs Including the Provision of Tourist and Welcome Center Facilities</li> <li><input checked="" type="checkbox"/> 5. Landscaping and Other Scenic Beautification</li> <li><input type="checkbox"/> 6. Historic Preservation</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> 7. Rehabilitation of Historic Transportation Buildings, Structures, or Facilities (including historic railroad facilities and bridges)</li> <li><input type="checkbox"/> 8. Preservation of Abandoned Railway Corridors (including the conversion and use thereof for pedestrian or bicycle trails)</li> <li><input type="checkbox"/> 9. Control and Removal of Outdoor Advertising</li> <li><input type="checkbox"/> 10. Archeological Planning and Research.</li> <li><input type="checkbox"/> 11. Environmental Mitigation to Address Water Pollution Due to Highway Runoff or Reduce Vehicle-caused Wildlife Mortality While Maintaining Habitat Connectivity</li> <li><input type="checkbox"/> 12. Establishment of Transportation Museums</li> </ul>
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**10. PROJECT GENERAL DESCRIPTION: INCLUDE PROJECT CONCEPT, LENGTH, NUMBER OF ACRES, ETC.** List all key elements of the project scope

PLEASE LIMIT THE FOLLOWING DESCRIPTION TO **200 WORDS OR LESS**

This project includes construction of bicycle lanes on both sides of White House Canyon Road from Continental Road to Continental School in Green Valley, Arizona, a distance of 1.6 miles. Continental School is the only school in Green Valley serving elementary and middle school children. In addition, a 0.8-mile shared use pathway will be developed off of White House Canyon Road to connect the school with the two nearest residential subdivisions. The project will also link to the Continental Community Center, located half way between the school and Continental Road.

This route will be the only bicycle and pedestrian access to Continental School, providing a safer route for children to bike or walk to school. The Pima County Safe Routes to School Coordinator and the Green Valley Bicycle and Pedestrian Committee will also present a Safe Routes to School educational program for the pupils, teachers, parents, and administrators of the school as part of this project.

This project is an important component of the “Master Plan for Multi-Use Lanes and Trails”, a project of the Green Valley Vision 2020 Plan. The plan was completed by the Green Valley Bicycle and Pedestrian Committee in spring 2005 for use by the Regional Transportation Authority, which is developing a long-range regional transportation plan.

**11. 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?
- A) The project is in Pima County beginning in Green Valley at the junction of Continental Road and White House Canyon Road. It extends 1.6 miles on White House Canyon Road to Continental School.
  - B) The project is on the existing transportation corridor of White House Canyon Road to Continental School and the Madera Canyon Recreational Area.
  - C) The project includes design and construction of 1.6 miles of bicycle lanes and 0.8 miles of shared-use pathway. The project does not entail purchase of additional right-of-way. 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. 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 technique. 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 \$118,390.

- D) The project is located in Pima County DOT right-of-way.
- E) There are minor drainage issues along a 300-foot section of the roadway approximately 0.4 miles south of Continental Road. This will be addressed as part of the shoulder improvements. There are no impacts to Waters of the U.S.
- F) There are no utility relocations required.
- G) Construction can be completed within 36 months of approval of the project.

PLEASE LIMIT RESPONSES TO THE FOLLOWING QUESTIONS TO **200 WORDS OR LESS**

**12. 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 DOT will maintain the TE project.
  - B) Maintenance and repair will be part of PCDOT's standard roadway and shoulder maintenance program.
  - C) Repair and maintenance will be funded by PCDOT's Highway User Revenue Funds.

**13. If you are a local government, do you anticipate requesting self bid and administration based on the FHWA guidelines?** (See TE handbook March 2005 for clarification).

Yes.

**14. 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 proposed project is not listed as a Scenic or Historical route.

**15. 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?

Children and residents in the Green Valley area concerned about pedestrian and bicycle safety proposed the Continental School Safe Routes to School project. The Continental School administration is in support of the project and along with community members and students, will assist in the planning, scoping, design, and implementation process. The Bicycle and Pedestrian Committee of the Green Valley Community Coordinating Council has included this project as part of their Bicycle and Pedestrian Master Plan and has provided it to the Pima Association of Governments Regional Transportation Authority. In addition, the Bicycle and Pedestrian Committee will assist with the education component for Continental School pupils, parents and staff as a Safe Routes to School program.

**16. 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

Continental School is the only elementary and middle school in Green Valley, which continues to be a fast-growing community. Currently, there are 300 non age-restricted homes in the White House Canyon Road area, with an additional 100 planned. Further, by March of 2006, approximately 660 of 1,800 lots in the Quail Creek area just north of the school will be ready for development. It is projected that by the start of the 2006-07 school year, there could be a large increase in the number of families with children in this area. This road is the only access to the school but there are no provisions for children to walk or bike in the area. Constructing this project is necessary to promote the health and safety of children walking and biking to school. It enhances quality of life by providing more healthful means for children to access the school.

#### Community Benefit and Improvement

The project provides a benefit to the school and area community. It is located along the only access road to the Madera Canyon Recreational Area, internationally recognized for its birding and hiking facilities. Construction of these facilities will not only enhance the appearance of this corridor but will provide a safer area for pedestrians, bicyclists, and motorists alike. It will also connect at the northern origin of the project to recently completed bicycle lanes along Continental Road.

#### Reason for Funding

This project will provide a safer route to school for Continental Elementary and Middle School students. Additionally, it will further the goals of the regional Safe Routes to School program, which are to educate children and their parents about safer traffic behavior and to improve walking and bicycling access to schools. While White House Canyon Road has a speed limit of 35 mph south of Continental Road, this changes to 45 mph just past the school. Currently children walking or cycling to school must walk or ride in dusty and rocky conditions off the edge of the road. Providing quality facilities and education through projects such as this significantly improves the access and safety of the roadway. The project also promotes a healthier lifestyle by encouraging children and their parents to get "back on their feet" for that walk to and from school each day.

**Important Basic Criteria for all TE Projects**

- A. Project eligible under one or more of the 11 Transportation Enhancement activities listed in TEA-21
- B. Proposed project is related to Surface Transportation
- C. Project 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 project and are ineligible)
- D. Project 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 available (Minimum 5.7%)
- 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?

**17. 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.

Agency/Jurisdiction Pima County  
 Day: 6/28/05 By: [Signature]

**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.

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

This project has been reviewed and endorsed by:

MPO/COG [Signature] Date: 7/28/05

**ESTIMATED PROJECT COSTS BY ITEM**

ROUND 13

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 of the following items cannot be applied toward the federal participation or local match)						
SITE TOPOGRAPHIC SURVEY (2%-5% of constr. cost) <i>(Enter \$0 in Unit Price column if none required)</i>	LS	4.5%	17,879	17,879	<b>NO ENTRY</b>	
SCOPING DOCUMENT (Scoping Letter, Project Assessment or DCR)	LS	1	17,084	17,084		
ENVIRONMENTAL DETERMINATION (Including technical supporting documents)	LS	1	16,886	16,886		
HAZARDOUS MATERIALS ASSESSMENT Including heavy metals & asbestos (If an assessment is necessary, anticipate \$1,500. <i>Enter \$0 in Unit Price column if none required</i> )	LS	1	1,500	1,500		
<b>SUBTOTAL – PROJECT SCOPING COSTS</b>				\$ 53,349		
<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	18%	71,516	71,516	<b>NO ENTRY</b>	
STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, 1% of construction cost) <i>Enter \$0 in Unit Price column if none required.</i>	LS	1%	3,973	3,973		
<b>SUBTOTAL – PROJECT DESIGN COSTS</b>				\$ 75,489	71,186	4,303
<b>STAGE V – CONSTRUCTION</b>						
<b>SITE ACQUISITION &amp; HARDSCAPE CONSTRUCTION</b>						
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs)	LS	5%	0	19,390	18,285	1,105
SITE PREPARATION (Clearing and grubbing, plant salvage)	LS	1	13,500	13,500	12,731	770
<b>EARTHWORK</b>						
General Excavation	CY	4,130	5	20,651	19,474	1,177
Drainage Excavation		510	15	7,650	7,214	436
Structural Backfill		58	100	5,800	5,469	331
Borrow (In Place)		240	10	2,400	2,263	137
AGGREGATE BASE	CY	2,722	26	70,775	66,741	4,034
<b>PATHWAY OR SIDEWALK MATERIALS</b>						
Asphaltic Concrete (roadway overlay cost, paid by County. Includes centerline striping.)	Ton	2,368	50	118,390	--	--
Asphaltic Concrete (bike lane & pathway cost)	Ton	1,480	50	73,994	69,776	4,218
BIKE LANE STRIPING	LF	8,448	0.2	1,690	1,593	96
BIKE LANE PAVEMENT MARKINGS	Each	24	220	5,280	4,979	301
<b>SUBTOTAL - SITE ACQUISITION &amp; HARD CONSTRUCTION</b> <i>(Does not include PCDOT cost for roadway overlay)</i>				\$ 221,130	208,525	12,604

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
<b>LANDSCAPING &amp; IRRIGATION ITEMS</b>						
TREES (15 GALLON SIZE)	Each	10	75	750	707	43
TREES (5 GALLON SIZE)	Each	24	35	840	792	48
MULCH						
Decomposed Granite	CY	250	50	12,516	11,802	713
Organic		52	35	1,825	1,721	104
BOULDERS	Each	22	250	5,500	5,187	314
IRRIGATION SYSTEM						
Drip	SF	29,540	0.6	17,724	16,714	1,010
LANDSCAPE ESTABLISHMENT (Typically 4.5% of the cost of landscaping)	LS	1	1,762	1,762	1,662	100
<b>SUBTOTAL – LANDSCAPING &amp; IRRIGATION ITEMS</b>				\$ 40,917	38,584	2,332
<b>SITE FURNISHINGS</b>						
BENCHES	Each	4	800	3,200	3,018	182
BIKE RACKS	Each	16	350	5,600	5,281	319
TRASH RECEPTACLES	Each	2	250	500	472	29
SIGNAGE (Standard Traffic Control)	Each	10	250	2,500	2,358	143
<b>SUBTOTAL – SITE FURNISHINGS</b>				\$ 11,800	11,127	673
<b>OTHER CONSTRUCTION ITEMS (List): ARTISTIC SAFE ROUTES TREATMENTS (STENCILS, SIGNS, TILEWORK, ETC.) DESIGNED BY SCHOOL CHILDREN</b>						
	LS	1	11,300	\$ 11,300	10,656	644
<b>SUBTOTAL - CONSTRUCTION LINE ITEMS</b>				\$ 303,146	285,867	17,279
<b>MOBILIZATION AND ADMINISTRATION COSTS</b>						
CONTRACTOR MOBILIZATION (Typically 8% of construction cost)	LS	8%	24,252	24,252	22,869	1,382
TRAFFIC CONTROL (0-8% of construction cost)	LS	5%	15,157	15,157	14,293	864
CONSTRUCTION SURVEY & LAYOUT (Typically 1% of construction cost)	LS	1%	3,031	3,031	2,859	173
CONSTRUCTION CONTINGENCIES (Typically 5% of construction cost)	LS	5%	15,157	15,157	14,293	864
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	LS	18%	54,566	54,566	51,456	3,110
<b>SUBTOTAL – MOBILIZATION &amp; ADMINISTRATION COSTS</b>				\$ 112,164	105,771	6,393
<b>TOTAL STAGE V COSTS (CONSTRUCTION)</b> (Enter this amount in Box A below.)				\$ 397,310	374,664	22,647
<b>OTHER ITEMS (List): BICYCLE AND PEDESTRIAN SAFETY AND EDUCATION ACTIVITIES FOR SCHOOLCHILDREN</b>						
	LS	1	18,000	\$ 18,000	16,974	1,026
<b>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)</b>						
	LS	1	5,000	\$ 5,000	NO ENTRY	
<b>TOTAL PROJECT COST (All subtotals + ADOT review fee)</b> <i>(Does not include PCDOT cost for roadway overlay)</i>				\$ 549,148	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> (Includes design costs (Stages II thru IV) if federal funds are requested for design as shown under Design Costs in the federal column above.) <i>(Does not include PCDOT cost for roadway overlay)</i>	<b>BOX A</b>	\$ 472,799
<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). <i><b><u>If the amount shown on 13b exceeds this amount, change the entry to \$500,000 (\$1,000,000 for state projects).</u></b></i>	<b>BOX B</b>	\$ 445,850
<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). <i><b><u>If the amount shown on 13c exceeds this amount, change the entry to \$30,223 (\$60,445 for state projects).</u></b></i>	<b>BOX C</b>	\$ 26,950
<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>	\$ 0
<b>TOTAL SPONSOR FUNDS (Sum of Box C and Box D).</b>	<b>BOX E</b>	\$ 26,950

**RESOLUTION AND ORDER 2005- 198**

**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 CONTINENTAL ELEMENTARY AND MIDDLE SCHOOL SAFE ROUTES TO SCHOOL PROJECT**

**WHEREAS**, White House Canyon Road, the only access to Continental Elementary and Middle School, currently has no pedestrian and bicycle facilities or shade landscaping; and

**WHEREAS**, the Continental Elementary and Middle School Safe Routes to School Project provides a valuable enhancement for pedestrians and bicyclists wishing to access Continental Elementary and Middle School, La Canoa Subdivision, Madera Reserve Subdivision, the Continental Community Center and other locations along White House Canyon Road; and

**WHEREAS**, the proposed project includes full design and construction of a shared use pathway and bicycle lanes, installation of shade landscaping; safety and educational activities with the elementary and middle school children and their parents; and children-designed artwork that promotes safety in the walk and bike to school; 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.

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

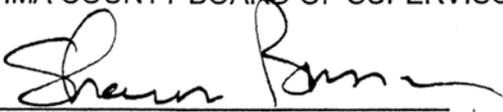
1. An application for federal Transportation Enhancement reimbursable grant assistance to implement the Continental Elementary and Middle School Safe Routes to School Project be filed with the appropriate agency.
2. If the federal reimbursable funds are approved by the Arizona Department of Transportation, 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 \$5,000 processing fee if the federal reimbursable funds are approved for the project.

Resolution and Order No. 2005- 198  
Pima County Board of Supervisors

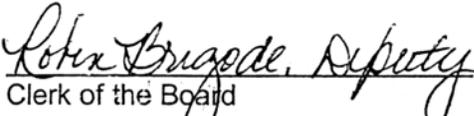
3. The Chair of the Board of Supervisors is hereby authorized to sign any and all documents to effectuate the grant application and any subsequent amendments and/or documents relating thereto.

PASSED AND ADOPTED THIS 2ND day of AUGUST, 2005.

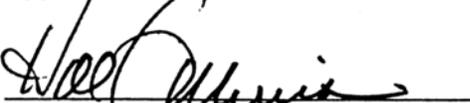
PIMA COUNTY BOARD OF SUPERVISORS:

  
Sharon Bronson, Chair      AUG 2 - 2005

ATTEST:

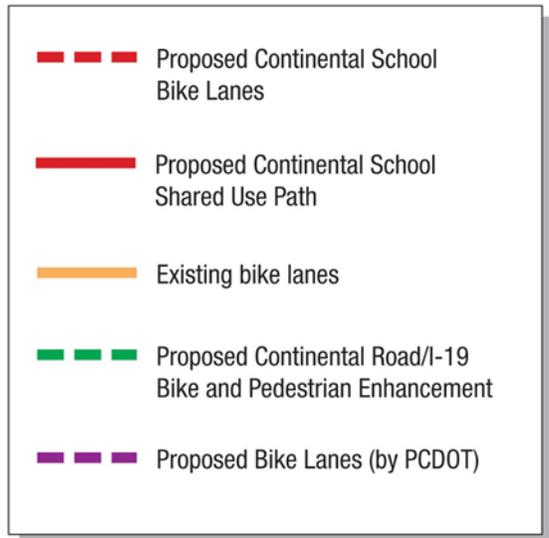
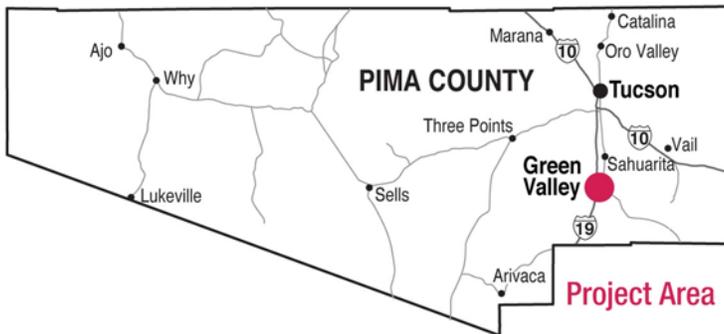
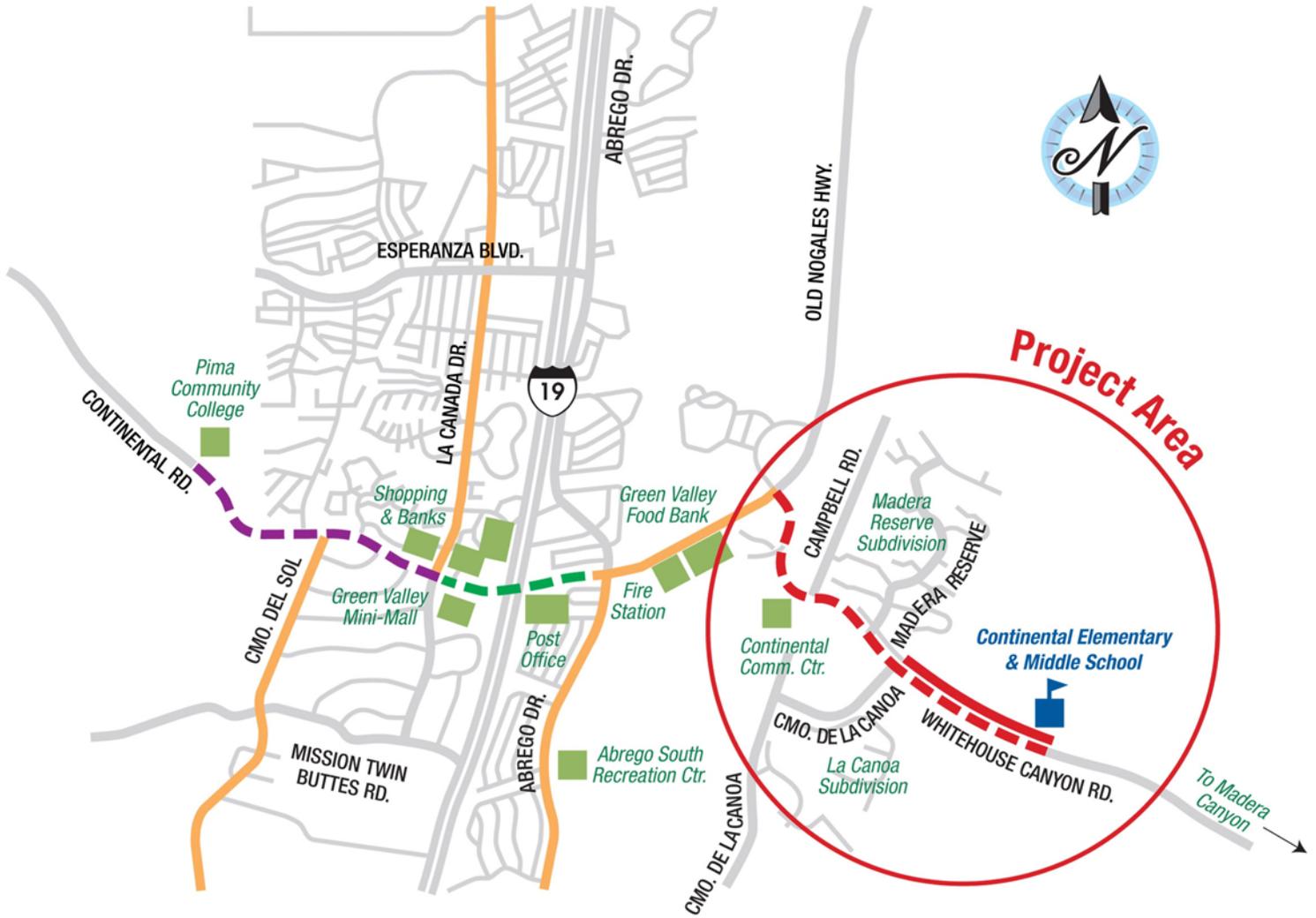
  
Robin Brugode, Deputy  
Clerk of the Board

Approved as to form:

  
Deputy County Attorney

# Project Location Map

## Continental Elementary & Middle School Safe Routes to School Project





Before/after conditions at Continental School, looking east. Addition of shared use path, shade landscaping and bike lanes to improve safety and access.



Before/after conditions at Continental School, looking west. Addition of shared use path, shade landscaping and bike lanes to improve safety and access.



## 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

May 27, 2005

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

Re: **Continental Elementary and Middle School Safe Routes to School Project**

Dear Committee Members:

The purpose of this letter is to express strong support and commitment for the *Continental Elementary and Middle School Safe Routes to School Project - Bike Lanes, Pathway & Safety Education*. Pima County is pleased to submit this project for funding as it will provide a much-needed pedestrian and bicycle connection for elementary and middle school children to access their only local school. Pima County commits to providing the 5.7 percent local match requirements for this project and we look forward to its implementation.

As demonstrated by nationwide attention to youth health and safety and to balanced transportation access to schools, we believe this project will provide much improved walking and bicycling conditions for elementary and middle school children to access the school. Also essential to meeting the national goals on promoting fitness and reducing traffic injuries, the education component of this project will greatly improve children and parents' traffic knowledge, behavior, and safety.

Thank you again for your consideration and support for the *Continental Elementary and Middle School Safe Routes to School Project - Bike Lanes, Pathway & Safety Education*.

Sincerely,

A handwritten signature in black ink that reads "C. Huckelberry". The signature is written in a cursive style with a long, sweeping tail.

C.H. Huckelberry  
County Administrator

CHH/jj



# Continental School District No. 39

## *Governing Board*

Chet Davis, *President*  
Peter Schmerl, *Clerk*  
Dr. Sherman Frey, *Member*  
Bonnie Klahr, *Member*

## *Address*

1991 E. White House Canyon Road  
P. O. Box 547  
Green Valley, Arizona 85622  
Telephone: 520.625.4581  
Fax: 520.648.2569  
<http://www.continental.k12.az.us>

## *Administration*

Dr. Ken Brown, *Superintendent*

May 16, 2005

To Whom It May Concern:

It is my pleasure to give 100 % support to the proposed Bike Lane extending from the intersection of Continental Road and Whitehouse Canyon Road to the Continental School District at 1991 E. Whitehouse Canyon Road.

We are a K-8 school with 300 students as of this date. Within the next year, we will have 50 more students and within 2-3 years we will grow to over 800 students with new developments on the drawing board for Green Valley and Quail Creek.

We have surveyed parents, especially in the Madera Reserve and Madera Foothills area that are located just off Whitehouse Canyon Road between the La Posada area and the school. The parents we have talked to are encouraged to see a proposed Bike Lane and would support it for safety and accessibility reasons to the school. I have asked our PTC (Parent Teacher Club) President, Mrs. Deborah Reyes to write a letter in support of your efforts. She has four boys of school age and will not allow them to ride under the current dangerous conditions with no bike lane.

If we had access to a Bike Lane, some of our Middle School students would utilize this as a means for after school activities and using our athletic fields after hours and not have to have parental transportation after sporting events are over.

We will install bike racks to accommodate the safe and secure storage of bikes during or after the school day. Mr. Ken Poppino, one of our current fifth grade teachers will sponsor a safety campaign for next year and will lead the efforts along with other organizations in the Green Valley

May 16, 2005

area to ensure that all students are aware of safe riding habits and proper use of the new Bike Lane.

This is my first year as principal/superintendent of this school. I think that our entire campus area would be enhanced with the addition of this wonderful addition to the access road to the school.

If I can be of further help to you in this application and funding process, please do not hesitate to phone or email me at [kenbrown@theriver.com](mailto:kenbrown@theriver.com)

Sincerely,

A handwritten signature in cursive script that reads "Ken Brown".

Dr. Ken Brown  
Superintendent

Continental School District 39  
Parent Teacher Club



1991 E. Whitehouse Canyon Rd.  
Green Valley, AZ 85614  
520.625.4581

May 16, 2005

To Whom It May Concern:

The Parent Teacher Club (PTC) of Continental School would like to express its full support for the development of bike lanes on Whitehouse Canyon Road.

The PTC consist of parents/guardians with children attending Continental School, some of whom live in subdivisions located along Whitehouse Canyon Rd. The PTC, including several parents from these subdivisions, strongly believe the bike lanes would alleviate danger for both pedestrians and cyclists and would allow children to ride their bikes safely to and from school.

Superintendent Dr. Ken Brown is in support of this bike lane project and has expressed his commitment in providing a bike safety course for the students of Continental school as well as bike racks if this project is approved.

We sincerely ask for your support and consideration of this project.

If you have any questions, please feel free to contact me.

Regards,

A handwritten signature in black ink, appearing to read 'Deborah Reyes', written in a cursive style.

Deborah Reyes  
PTC President  
520.399.0567



CHAMBER OF COMMERCE

270 W. Continental Rd., Ste. 100  
Green Valley, AZ 85614  
Mailing Address:  
P.O. Box 566  
Green Valley, AZ 85622  
(520) 625-7575 / 7594 · Fax (520) 648-6154

May 25, 2005

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

Dear Committee Members,

The Greater Green Valley Chamber of Commerce and Visitors Center is in support of the attached Transportation Enhancement Grant Application.

With the funding from this Grant and the matching funds from Pima County, this should provide for a safe route to the school for the children in the area attending Continental School.

Thank you for your consideration and support for this project.

Sincerely,

A handwritten signature in blue ink that reads "Beverly Trunick". The signature is written in a cursive, flowing style.

Beverly Trunick  
President, Board of Directors



## Green Valley Community Coordinating Council, Inc.

Green Valley Mall • 101-14B S. La Cañada Drive • Green Valley, AZ 85614-2633  
(520) 648-1936 • Fax (520) 648-5079 • e-mail: gvccc@theriver.com • web site: www.gvccc.org

Canoa Estates  
Canoa Estates II  
Canoa Hills Townhomes  
Canoa Ridge  
Canoa Seca Estates  
Canoa Seca Estates II  
Canoa Vistas  
Canoa Vistas II  
Casa Paloma I Homeowners (TH III)  
Casa Paloma II Homeowners (TH VII)  
Clara Vista Del Valle  
Continental Vistas  
Country Club Estates  
Country Club North  
Country Club Vistas I  
Country Club Vistas II  
Country Club Vistas III  
Council of Casita Co-owners  
Desert Hills Estates  
Desert Hills I Townhomes  
Desert Hills II  
Desert Hills III  
Desert Hills III West  
Desert Hills IV  
Desert Hills V  
Desert Hills VI  
Desert Meadows I  
Desert Meadows II  
Desert Meadows III  
Encanto Estates  
Esperanza Estates  
Green Valley Foothills Townhouses IV  
Green Valley Resort Homes  
Green Valley Townhouse Assn. (I,II,V)  
Green Valley Townhouse VI  
Highpointe Homeowners  
La Cañada Desert Homes I  
La Cañada Desert Homesites III  
Madera Vista Townhouses  
Portillo Hills I Homeowners  
Portillo Hills II Homeowners  
Portillo Place Homeowners  
Pueblo Estates Assn.  
Ranchettes Homeowners  
San Ignacio Golf Estates  
San Ignacio Heights  
San Ignacio Ridge Estates  
San Ignacio Vistas  
Sunrise Pointe Homeowners  
The Greens Homeowners Assn.  
The Links at Santa Rita Springs  
The Villages of Green Valley  
Viewpoint Homeowners Assn.

Concord Milestone Plus, L.P.  
Dorn Homes, Inc.  
Fairfield Green Valley, Inc.  
Farmers Investment Co.  
Green Valley Association of Realtors  
Green Valley Chamber of Commerce  
Green Valley Fire District  
Green Valley Recreation, Inc.  
Haven Golf Associates  
La Posada at Park Centre, Inc.  
Lewis Management Resources, Inc.  
Monterey Homes, Inc.  
Pierce Construction, Ltd.  
Pima County Sheriff  
Quail Creek Resort Community  
Rural/Metro Fire Department  
SAV - Neighborhood Watch  
Sheriff's Auxiliary Volunteers  
Stratford Management  
Wilson Property Services, Inc.

May 27, 2005

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

Dear Committee Members:

The Green Valley Community Coordinating Council (GVCCC), representing the Homeowner Associations of our community, wishes to add our strong support to the attached Transportation Enhancement Grant Application.

This proposed section of bicycle and pedestrian lanes will connect from our recently completed Continental Road multi-use lanes to the Continental School on White House Canyon Road. These lanes will provide a safe route to school for the students in the area who attend Continental School. It will also provide safer travel through this area for the trip from Green Valley to the recreation area of Madera Canyon.

With the funding from this Grant and the matching funds from Pima County, we will be another step closer to connecting multi-use lanes within the Green Valley area.

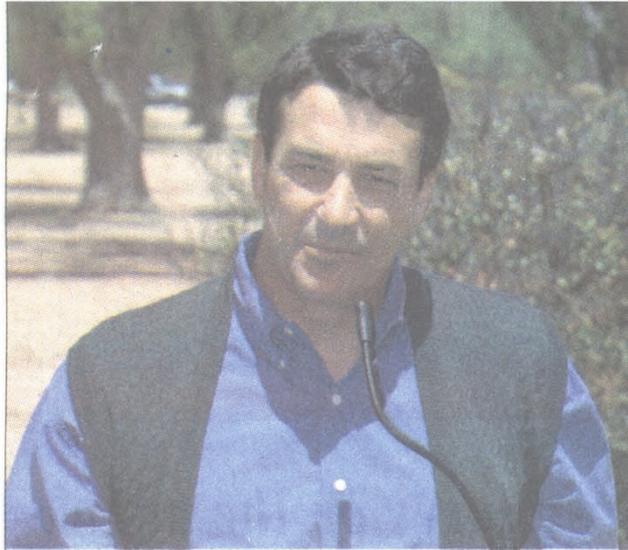
Again, GVCCC expresses its support for this Grant Application and hopes that the Committee will look favorably on it.

Sincerely,

Richard R Roberts

President

Green Valley Community Coordinating Council



RICK MCCALLUM | GREEN VALLEY NEWS

**PIMA COUNTY SUPERVISOR** Ray Carroll was among several county officials participating in the Continental Multi-Use Lane Dedication Thursday at La Posada.



PHOTO BY JIM JORDAN

**CYCLISTS** (from front) Mary Lee Adamson, Mary Ann Jordan and Bill Adamson try out the new bike lanes before the ceremony. (See story below.)

## Cyclists, officials cheer bike lanes completion

By Philip Franchine  
 Green Valley News

About 40 bicyclists celebrated the dedication of the new bike lanes on Continental Road in full regalia, riding in with helmets, multi-colored jerseys, aerodynamic sunglasses and fingerless gloves on Thursday.

They rode in on road bikes and dirt bikes, mostly

two-wheelers, with one three-wheeler and a tandem, too, and parked their bikes against a wall at the La Posada entrance at the intersection of Continental and White House Canyon Road. La Posada donated \$25,000 for the project.

A parade of county and other officials was on hand under a tent there to praise the rapid development of the multi-use lanes, which

connect existing bike lanes at Abrego Drive on the west and White House Canyon Road and Old Nogales Highway on the east.

Jim Jordan of the Green Valley Community Coordinating Council bicycle committee recalled that it was almost a year ago at La Posada when county Transportation Engineering Manager Rick Ellis told a Green Valley crowd that it

would be five to 10 years before there would be funding for such a project.

"A lot of people and organizations came together to make it happen," said Jordan, who said he was pinch-hitting for the vacationing bicycle activist Bill Adamson.

The major players were all represented by speakers,

SEE LANES, PAGE A2

## LANES: Open for bicyclists on Continental Road

FROM PAGE A1

including County Supervisor Ray Carroll; La Posada Foundation Vice President Mark Dugan; Deputy Pima County Administrator John Bernal; county Transportation Chief Kurt Weinrich, who served as master of ceremonies; Matt Zoll, the county's bike/pedestrian coordinator, President Dick Roberts of GVCCC and

Greater Green Valley Chamber of Commerce President Arleen Boyuls.

Most of the speakers agreed that cooperation was key to making the project happen.

Roberts reminded the audience that bike lane improvements grew out of the Green Valley 2020 Project.

Bernal made a pitch for the Regional Transportation Authority, saying that its proj-

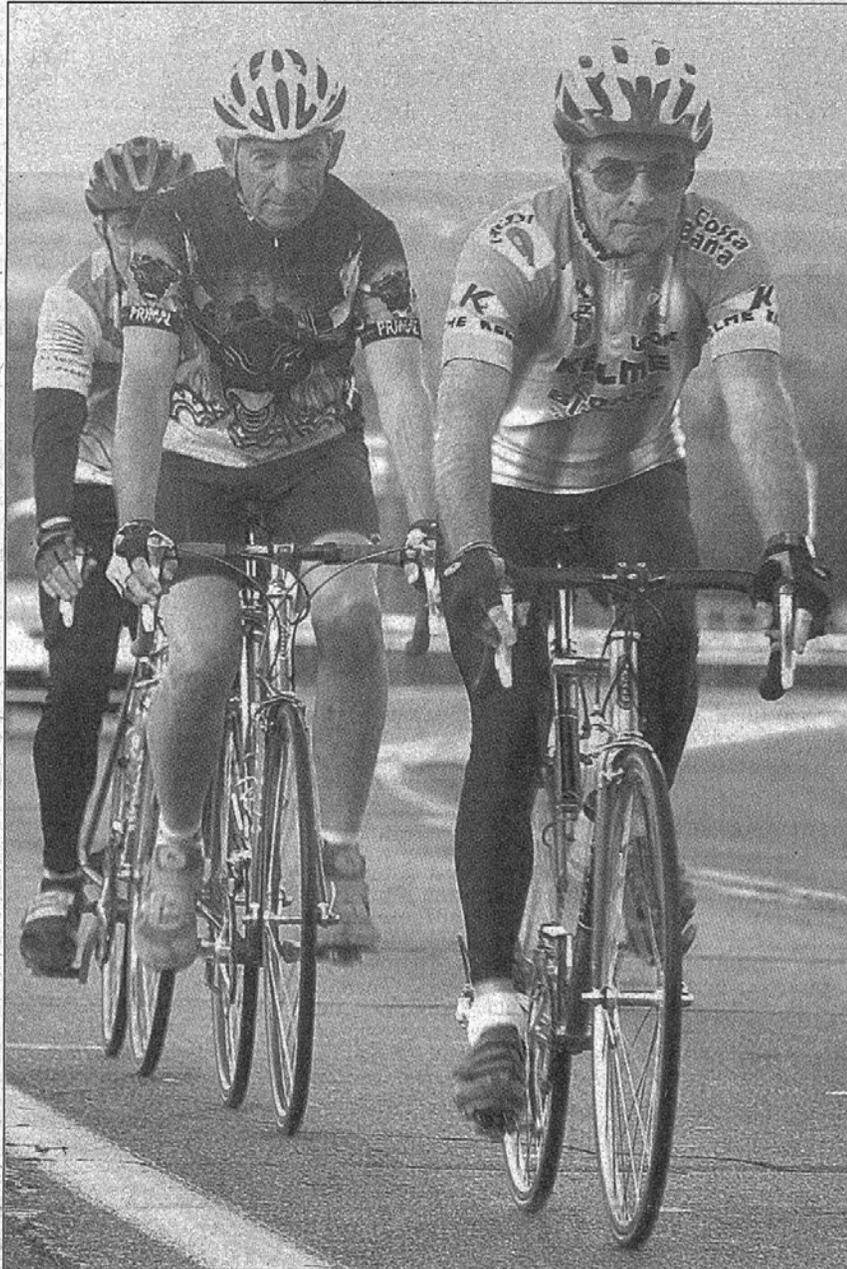
ects will include not only big-ticket items, but smaller projects that benefit bicyclists and walkers if voters approve a half-cent sales tax.

Zoll said that the county also is working on improving the Continental Road/Interstate 19 intersection so walkers and bicyclists could go through the underpass more safely, and so the interchange would be seen by visitors as

an attractive gateway to Green Valley.

Weinrich reminded those present to slow down while passing through the Duval Mine Road construction area, and said that nearly three-fourths of fatalities in highway construction accidents are those of motorists, not construction workers.

pfranchine@gvnews.com | 547-9738



MARIA AGUILAR | GREEN VALLEY NEWS

**(FRONT TO BACK)** Bill Adamson, Ralph Edwards and Jim Jordan are gearing up to present a master plan for bicycle and pedestrian lanes in Green Valley Thursday at Canoa Hills Center. (See story below.)

## Bike/pedestrian master plan will be presented Feb. 3

By Philip Franchine  
Green Valley News

**GREEN VALLEY**—The draft master plan for bicycle and pedestrian lanes in the Green Valley area will be unveiled Thursday afternoon, but it may already be getting some results.

After years of requests from residents, Pima County officials appear

close to announcing a plan to construct multi-use lanes along Continental Road from Abrego Drive to White House Canyon Road, Bill Adamson said.

Adamson is chair of the Green Valley Community Coordinating Council (GVCCC) Bike and Pedestrian Committee and spearheaded the drive to get multi-use lanes on a section of Camino del Sol.

In addition, committee members, working with their counterparts in Sahuarita and Tucson, on Wednesday met with Pima County Administrator Chuck Huckelberry to discuss using county bond money to construct bike lanes along Sahuarita Road.

The Continental bike lanes had been the top priority of the committee

SEE LANES, PAGE A12

## LANES: Draft master plan to be presented Thursday

### FROM PAGE A1

up to this point and the Sahuarita Road lanes are the next priority, Adamson said.

La Posada at Park Centre has pledged \$25,000 toward the Continental project and local activists have been told the county could start work as soon as this spring.

County Transportation Engineering Manager Rick Ellis said in an e-mail about Continental "at this point in time we don't have any of the details worked out. We are actually looking into several of the elements... such as timing, better cost estimates, overall approach, and hope to have that info developed very soon. Once we do, we will make sure we let you know and can get it out to the Green Valley citizens."

### Public comment sought

The Master Plan will be presented for public comment at 4 p.m. Thursday, Feb. 3, in the Saguaro Room of the Canoa Hills Center, 3660 S. Camino del Sol.

Handouts will be available summarizing the plan, and will include color-coded maps that show existing and needed multi-use lanes and gaps as well as spread sheets that include potential funding sources and other project data.

### Part of "Vision 2020"

"This draft master plan is being developed by the GVCCC Bicycle and Pedestrian Committee as part of the GVCCC 'Vision 2020' project. Its objective is to identify the lanes and trails needed now and to guide future planning.

Community input is needed to finalize the Master Plan," GVCCC president Dick Roberts wrote in a letter to the *Green Valley News and Sun*.

"A major goal of our plan is to connect existing multi-use lanes throughout Green Valley and adjacent communities to achieve safe bicycle routes from Tucson to Tubac and Arivaca.

"Therefore, this draft master plan includes our interests in the juris-

dictions of Pima County, Districts 2, 3 and 4, and the Town of Sahuarita. We have, thus, been coordinating our planning efforts with Pima County and the Town of Sahuarita, and appreciate the cooperation of all parties."

Adamson said the county's intention to build multi-use lanes on Continental "was the top priority in our master plan. It just shows how important this master plan is to identify the needs we have out here to the county and to guide our efforts.

"We are not only going to the county to ask for help, we also are applying for grants and we're looking at other avenues obtaining funds," including funding from developers and other local businesses, Adamson said.

### Pledged \$25,000

La Posada CEO Lisa Israel said "We feel it's appropriate for La Posada to be involved because we view the bike/multi-lane project as a community need as well as a safety issue for Green Valley and La Posada residents. La Posada has pledged \$25,000 if that would serve as a catalyst for the county to move the bike lane project forward. We are pleased to be part of the solution."

Adamson said "the purpose of the meeting is to present that draft plan to the community. We also hope people from Sahuarita and the county will come so we can get comments from them on the plan. After we get public input, we're going to finalize the plan and make a report. It will be submitted to the county so they'll be aware of our immediate concerns as well as our long-range concerns."

Adamson noted that planning for multi-use improvements is a continuing process that changes with population and traffic changes, but said the plan gives guidance to advocates and to public officials.

One of the goals of developing a master plan is to coordinate efforts in Green Valley and Sahuarita, especially with the growth of Quail Creek and the Madera Highlands area, and to coordinate efforts be-

tween the town and the county along, for example, Sahuarita Road.

The master planning process has been under way for almost a year, and Adamson hopes to get a final draft prepared by this spring, before the winter visitors leave town.

### Safety concerns

The plan includes a map that depicts "urgent safety" concerns that are not yet being addressed, including a 0.2 mile gap in the bike lanes on Abrego Drive just south of the town limits.

Also, a stretch of Camino del Sol that still lacks bike lanes and Old Nogales Highway, which is getting increasing bike traffic and would connect Continental with existing multi-use lanes on Nogales Highway.

Concerns that are getting attention include La Cañada Drive in Sahuarita, where the town is building bike lanes, and Sahuarita Road, the subject of the recent meeting with Huckelberry.

Adamson said the county bond project calls for bike lanes within the town of Sahuarita, but said the committee is asking for the lanes to be extended another mile and half to Alvernon Way.

Future growth multi-use lane projects include Canoa Road; Continental from Portillo to Duval Mine Road; Calle Tres; White House Canyon Road from Old Nogales Highway to Continental School; Mission Road and Helmet Peak Road.

There also is a map showing pedestrian trails.

Adamson noted that "Green Valley was developed and is still being developed to include multi-use lanes, trails and sidewalks. This is an important reason most of us were attracted to Green Valley to retire. Let's be sure to keep these standards as our population grows."

For more information, contact Adamson at 648-6340 or the GVCCC office at 648-1936.