

Homer Davis Elementary School Bicycle and Pedestrian Enhancement



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

1. APPLICANT AND SPONSOR Pima County Dept. of Transportation	MPO / COG Pima Association of Governments	2. DATE August 15, 2005
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3. PROJECT/ROUTE/FACILITY NAME and BEGINNING MILEPOST Homer Davis Elementary School Bicycle and Pedestrian Enhancement

4. MAILING ADDRESS 201 N. Stone, 5th Floor
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CITY Tucson	ZIP CODE 85701	5. COUNTY Pima	6. CONGRESSIONAL DISTRICT 8
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7. CONTACT PERSON Matt Zoll	TITLE PCDOT Bicycle and Pedestrian Program Manager	PHONE NO: 740-6746 FAX NO: 740-6341
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ALTERNATE PERSON Ellie Towne	TITLE President, Flowing Wells Neighborhood Association and Community Coalition	PHONE NO: 888-2085 FAX NO: 888-2085
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8. FORM FILLED OUT BY: Ellie Towne, Matt Zoll Donna Lewandowski	TITLE President, Flowing Wells Neighborhood Association and Community Coalition	PHONE NO: 888-2085 FAX NO: 888-2085
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List category applied for **1) Provision of Facilities for Pedestrians and Bicycles**
 2) Provision of Safety and Education Activities for Pedestrians and Bicyclists

Amount of Federal funds requested \$ 463,384 Total Project Cost \$ 535,901

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.

<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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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**

The *Homer Davis Elementary School Bicycle and Pedestrian Enhancement Project* provides new sidewalks, bike lanes, shade landscaping and other safety enhancements along both sides of Romero Road from within the Tucson city limits at Roger Road extending north to Wetmore Road. Additionally, this project includes a curb extension and enhanced crossing area across Romero Road, vertical curb across from the school to prevent drivers from passing on the right, and safety-themed artwork designed by Homer Davis school children. This project also includes 2nd grade pedestrian education and 4th grade bicycle education for the students. The sidewalks, enhanced crosswalk and bike lanes will provide safer pedestrian and bicycle access from the surrounding neighborhoods to the elementary school and to the new Flowing Wells Community Center and a new library which will both be constructed in 2006. The project length is 0.55 miles.

Pima County traffic records indicate that approximately 14,000 vehicles per day travel this stretch of Romero Road. This is an inherently hazardous and challenging area for not just school children but for all pedestrians and bicyclists due to the speed of the traffic, the congestion in the area, and the lack of pedestrian and bicycle facilities.

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

A) Where is the project located? (Must attach map in appendix)

This project is located in unincorporated Pima County and incorporated City of Tucson, in northwest metropolitan Tucson within the Flowing Wells School District. Enhancements will be built on Romero Road between Roger Road and Wetmore Road.

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?

This project is located on the existing transportation corridor of Romero Road.

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.

The project entails full design and construction of sidewalks and bike lanes on both sides of the roadway, installation of vertical curb on the west side of Romero along the school frontage, installation of shade landscaping, and design and construction of a pedestrian curb extension and enhanced school crosswalks.

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 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 \$71,470.

D) Can the project be constructed entirely within the project right-of-way (ROW)?

Yes

Who owns the proposed project ROW?
Pima County and the City of Tucson

Are there any private landowners involved? If so please list.
No

What percent of the project area is on ADOT ROW?
None

E) Are there drainage issues to consider? Describe any potential impacts to Waters of the U.S.
Drainage issues will not impact Waters of the U.S.

F) Are utility relocations necessary?
No utility relocations are necessary.

G) What is the proposed time frame for completion of the project?
The proposed time frame for completion is 36 months.

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 ongoing maintenance and repairs of the TE project.

Pima County Department of Transportation is responsible for ongoing maintenance and repairs within the county. The City of Tucson Department of Transportation will be responsible for ongoing maintenance and repair for an approximately 600 foot long section of Romero Road at the south end of the project.

B) Proposed on-going maintenance and repair program

PCDOT and TDOT will conduct maintenance and repair as part of standard roadway maintenance operations.

C) Source of funds for on-going maintenance and repairs

Highway User Revenue Funds will be used in performing roadway, bike lane, and sidewalk maintenance and repairs, and also for landscape maintenance.

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?

Not Applicable.

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?

This project is a listed strategy in the Flowing Wells Neighborhood Revitalization Strategy (NRS). The community was encouraged to attend public information forums and to directly help develop the strategy. One of the major goals of the NRS within the Public Safety focus is to provide a safer environment for pedestrians, bicyclists and drivers. The school administration, district administration, and Parent-Teacher Organizations work closely with the Flowing Wells Community Coalition so that information flows freely both to and from each organization.

The project is listed in regional plans including the Pima Association of Governments 2000 Regional Plan for Bicycling and 2000 Regional Pedestrian Plan. These plans utilized extensive community involvement in the development process.

Through a series of school projects, the students at Homer Davis provided safety improvements and artwork that they would like for their school. Ideas included sidewalks, crosswalk safety improvements, and Dragon-themed safety signage (the school mascot is a purple dragon); flowers, trees, trash containers and Dragon prints along the walk to the library; and reminders of the PeaceBuilder Principles (e.g., “Seek Wise People”, “Give Up Putdowns”, “Notice Hurts and Right Wrongs”, and “Praise People”).

If this grant is awarded, students, parents, teachers, and community members will continue to be included in the planning and development processes as this project moves forward.

16. (Answer all three parts in detail).

Describe why the project is an enhancement and how it relates to the transportation infrastructure of the community, region and/or state.

This project provides paved pedestrian and bicycle facilities with shade landscaping along Romero Road, creating a safer route for children and local residents to access Homer Davis Elementary School and the planned community center and library complex being built to the north. Currently the pedestrian route is unpaved and rough and there are no bicycle facilities along this roadway. The project includes fully ADA-compatible sidewalks.

Describe how this project will benefit the community and improve existing conditions.

This is a high-density low-income community (83% of the Homer Davis students qualify for the free or reduced lunch program) where families rely on walking, biking and public transportation. The planned community center and library complex will include many community services and will serve as a draw for the local residents. Additionally, a Women’s, Infants and Children’s (WIC) office and other community service offices will be built near the complex, further increasing the pedestrian and bicycle

activity along this roadway. Finally, this project is expected to benefit all 500-plus children who attend Homer Davis Elementary School, not only through bicycle and pedestrian education, but also by providing safer access for students walking and cycling to school and between the school and the new library and community center.

Why should this project be funded?

The *Homer Davis Elementary School Bicycle and Pedestrian Enhancement Project* should be funded to improve safety for all children and local residents, particularly around the elementary school, and provide greater transportation choice for families in this underserved community. Through enhanced facilities and pedestrian and bicycle education, this project will improve pedestrian and bicycle safety in this high-need area while also promoting involvement by school personnel, parents, students and community residents.

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: 6/2/05 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

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
STAGE 1 – SCOPING (15% Preliminary Design)						
SCOPING COSTS						
(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%	17,523	17,523	NO ENTRY	
SCOPING DOCUMENT (Scoping Letter, Project Assessment or DCR)	LS	1	16,500	16,500		
ENVIRONMENTAL DETERMINATION (Including technical supporting documents)	LS	1	16,744	16,744		
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		
SUBTOTAL – PROJECT SCOPING COSTS				\$ 52,267		
STAGES II, III, IV - DESIGN (30%, 60%, 95%-100% Design)						
DESIGN COSTS						
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%	70,092	70,092	NO ENTRY	
GEOTECHNICAL INVESTIGATION (If a report is necessary, anticipate 5% of construction cost) Includes testing, Geotech Report, Materials & Pavement Design Report) <i>Enter \$0 in Unit Price column if none required.</i>	LS	1	0	0		
DRAINAGE REPORT (If a report is necessary, anticipate 5% of construction cost) <i>Enter \$0 in Unit Price column if none required</i>	LS	1	0	0		
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%	3,894	3,894		
SUBTOTAL – PROJECT DESIGN COSTS				\$ 73,986	69,769	4,217
If requesting federal funds for design, enter up to 94.3% of the total design cost in the federal column. Otherwise, enter \$0 in the federal column.						

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
STAGE V – CONSTRUCTION						
SITE ACQUISITION & HARDSCAPE CONSTRUCTION						
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs)	LS	1	0	19,048	17,962	1,086
SITE PREPARATION (Clearing and grubbing, plant salvage)	LS	1	12,000	12,000	11,316	684
EARTHWORK						
General Excavation	CY	2,078	5	10,389	9,797	592
CURB	LF	640	9.5	6,080	5,733	347
AGGREGATE BASE	CY	567	26	14,733	13,894	840
PATHWAY OR SIDEWALK MATERIALS						
Concrete	SF	26,400	4	92,400	87,133	5,267
Asphaltic Concrete (roadway overlay cost, paid by County. Includes centerline striping.)	Ton	1,429	50	71,471	67,397	4,074
Asphaltic Concrete (bike lane cost)	Ton	596	50	29,780	28,082	1,697
BIKE LANE STRIPING	LF	5,280	0.2	1,056	996	60
BIKE LANE PAVEMENT MARKINGS	Each	10	220.0	2,200	2,075	125
PEDESTRIAN CURB EXTENSION W/ RAMP	SF	360	16	5,760	5,432	328
VERTICAL CURB FOR EXTENSION	LF	68	9.5	646	609	37
SUBTOTAL - SITE ACQUISITION & HARD CONSTRUCTION <i>(Does not include PCDOT cost for roadway overlay)</i>				\$ 194,092	183,029	11,063
LANDSCAPING & IRRIGATION ITEMS						
TREES (15 GALLON SIZE)	Each	64	75	4,800	4,526	274
TREES (5 GALLON SIZE)	Each	88	35	3,080	2,904	176
MULCH						
Decomposed Granite	CY	302	50	15,111	14,250	861
Organic		52	35	1,825	1,721	104
BOULDERS	Each	28	250	7,000	6,601	399
IRRIGATION SYSTEM						
Drip	SF	36,960	0.6	22,176	20,912	1,264
LANDSCAPE ESTABLISHMENT (Typically 4.5% of the cost of landscaping)	LS	1	2,430	2,430	2,291	138
SUBTOTAL – LANDSCAPING & IRRIGATION ITEMS				\$ 56,422	53,206	3,216
SITE FURNISHINGS						
BENCHES	Each	8	800	6,400	6,035	365
BIKE RACKS	Each	14	350	4,900	4,621	279
TRASH RECEPTACLES	Each	4	250	1,000	943	57
SIGNAGE (Standard Traffic Control)	Each	8	250	2,000	1,886	114
TREE GRATES	Each	8	500	4,000	3,772	228
SUBTOTAL – SITE FURNISHINGS				\$ 18,300	17,257	1,043
OTHER CONSTRUCTION ITEMS (List): ARTISTIC SAFE ROUTES TREATMENTS (STENCILS, SIGNS, TILEWORK, ETC.) DESIGNED BY SCHOOL CHILDREN						
	LS	1	11,300	\$ 11,300	10,656	644
SUBTOTAL - CONSTRUCTION LINE ITEMS				\$ 295,364	278,528	16,836

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
MOBILIZATION AND ADMINISTRATION COSTS						
CONTRACTOR MOBILIZATION (Typically 8% of construction cost)	LS	8%	23,629	23,629	22,282	1,347
TRAFFIC CONTROL (0-8% of construction cost)	LS	5%	14,768	14,768	13,926	842
CONSTRUCTION SURVEY & LAYOUT (Typically 1% of construction cost)	LS	1%	2,954	2,954	2,785	168
CONSTRUCTION CONTINGENCIES (Typically 5% of construction cost)	LS	5%	14,768	14,768	13,926	842
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	LS	18%	53,166	53,166	50,135	3,030
SUBTOTAL – MOBILIZATION & ADMINISTRATION COSTS				\$ 109,285	103,055	6,229
TOTAL STAGE V COSTS (CONSTRUCTION) (Enter this amount in Box A below.)				\$ 389,399	367,203	22,196
OTHER ITEMS (List): BICYCLE AND PEDESTRIAN SAFETY AND EDUCATION ACTIVITIES FOR SCHOOLCHILDREN						
	LS	1	15,250	\$ 15,250	14,381	869
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	5,000	\$ 5,000	NO ENTRY	
TOTAL PROJECT COST (All subtotals + ADOT review fee) <i>(Does not include PCDOT cost for roadway overlay)</i>				\$ 535,901	NO ENTRY	
SUMMARY OF FEDERAL AND LOCAL FUNDS						
TOTAL STAGE V COSTS (CONSTRUCTION) FROM THE ESTIMATE ABOVE, AND DESIGN COSTS IF REQUESTING FEDERAL FUNDS FOR DESIGN. (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>					BOX A	\$ 463,384
TOTAL FEDERAL FUNDS CAPPED @ 94.3% (.943 x amount shown in Box A above). Note: For local projects, the maximum federal funds that can be requested is \$500,000 (\$1,000,000 for state projects). <i>If the amount shown on 13b exceeds this amount, change the entry to \$500,000 (\$1,000,000 for state projects).</i>					BOX B	\$ 436,971
TOTAL SPONSOR MATCHING FUNDS (.057 x cost shown in Box A above). Note: The maximum amount that should be shown on this line is \$30,223 for local projects (\$60,445 for state projects). <i>If the amount shown on 13c exceeds this amount, change the entry to \$30,223 (\$60,445 for state projects).</i>					BOX C	\$ 26,413
TOTAL SPONSOR ADDITIONAL FUNDS (OVERMATCH). Enter the amount in Box A in excess, if any, of \$530,223 for local projects or \$1,060,445 for state projects.					BOX D	\$ 0
TOTAL SPONSOR FUNDS (Sum of Box C and Box D).					BOX E	\$ 26,413

RESOLUTION AND ORDER 2005 - 197**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 HOMER DAVIS
ELEMENTARY SCHOOL BICYCLE AND PEDESTRIAN ENHANCEMENT**

WHEREAS, Romero Road currently has no pedestrian and bicycle facilities or shade landscaping; and

WHEREAS, the Homer Davis Elementary School Bicycle and Pedestrian Enhancement provides a valuable enhancement for pedestrians and bicyclists wishing to access Homer Davis Elementary School, Sun Tran bus stops, and a new community center and library complex which are soon to be built; and

WHEREAS, the proposed project includes full design and construction of sidewalk and bicycle lanes, installation of shade landscaping, and construction of pedestrian curb extensions and enhanced crosswalks on Romero Road from Roger Road to Wetmore; safety and educational activities with the elementary school children and their parents; and children-designed artwork, sidewalk stencils and signs that promote 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 Homer Davis Elementary School Bicycle and Pedestrian Enhancement 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.
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.

Resolution and Order No. 2005- 197
Pima County Board of Supervisors

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

PIMA COUNTY BOARD OF SUPERVISORS:

Sharon Bronson
Sharon Bronson, Chair AUG 2 - 2005

ATTEST:

Robert Brigode, Deputy
Clerk of the Board

Approved as to form:

Hal Dennis
Deputy County Attorney

Project Location Map



PROPOSED BIKE LANES AND SIDEWALK

EXISTING BIKE LANES AND SIDEWALKS

-  PUBLIC SCHOOLS
-  MOBILE HOME PARKS & APARTMENTS
-  TUCSON CITY LIMITS
-  PUBLIC BUS STOPS



Scale:





Crosswalk at Romero Road at south end of school. Pedestrian curb extension added to improve pedestrian crossing safety, bicycle lanes constructed, and raised pedestrian crossing installed in school driveway entrance.



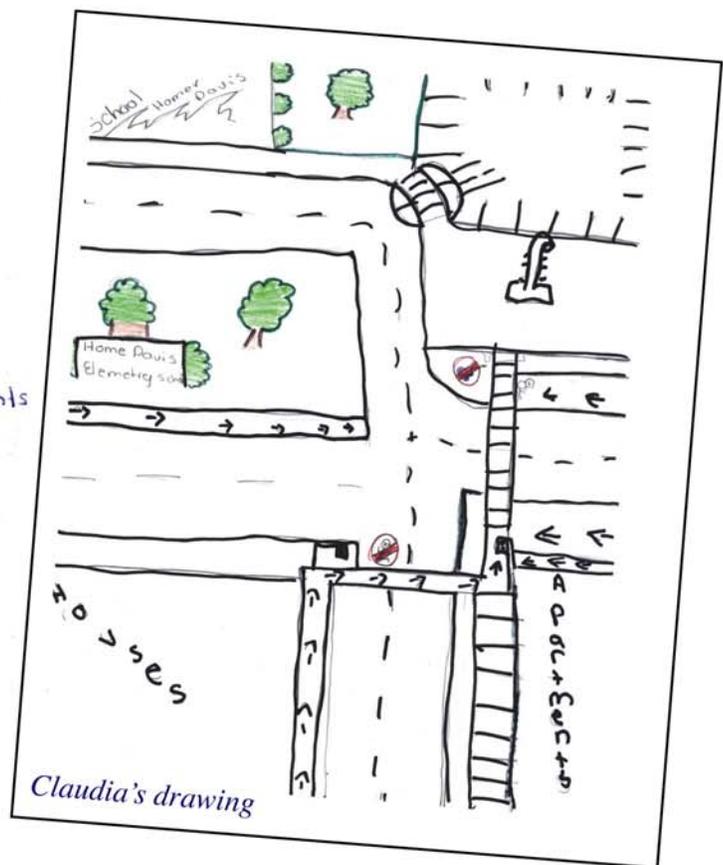
South end of Romero Road at Tucson City Limits, looking north. Addition of sidewalks, shade landscaping, and bike lanes improve access to Homer Davis School, Sun Tran bus stops, the new library and community center, and area neighborhoods.

Homer Davis Elementary School students speak out

My idea is that you put streets all over the school neighborhood or put stop signs in the front of the apartments and don't let the cross road flood with water. NO Road kills, kids die, and no water, so we won't go around it.

please!

Claudia



“The main problem with our school is the crosswalk. When it rains the cross floods.”

-Alisha

“I think the school would be safer if we put in the crosswalk and put sidewalks.”

-Steven

“I would like an improvement on a sidewalk on Romero Road or one in the alley way behind the apartments close to the West Star. I once slipped and scratched my knee because of a puddle. Can you flatten out the road?”

-Alec

“Dear Mayor: The Maldonado family would appreciate it if you would have someone put a stop sign across and up from Homer Davis School because cars always make U-turns where me and my mom and brother are walking and they kick up dust and it makes our allergies go up and then we get sick.”

-Damian

“The main problem with our school crosswalk is that it floods when it rains....The second problem is that kids jaywalk because they think the crosswalk is unsafe.”

-Austin

“The problem at our school is that the crosswalk has a lot of holes on it. We want a sidewalk so we can be safe by the road on the way to school.

-Jennifer

“I simply want a sidewalk and a crosswalk.”

-Kirstin

“I am writing to talk about how to make my school safer. I like it how it is, but I think there should be a couple of changes. First, I think that we can have a better and flatter street, so the kids can be safer on Romero Rd. Then, I think you should build a sidewalk on the dirt spot by the houses. Thank you for your understanding.”

-Maha



Examples of signs and sidewalk stencils designed by children to indicate safer routes to travel to school and to provide safety messages to the children.



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 24, 2005

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

Re: Homer Davis Elementary School Bicycle and Pedestrian Enhancement

Dear Review Committee Members:

I would like to submit this letter in support of the Homer Davis Elementary School Bicycle and Pedestrian Enhancement. This project will provide an important bicycle and pedestrian link between the neighborhoods that feed the Homer Davis Elementary School, and will provide connectivity for school children and neighborhood residents to walk and cycle to the future Flowing Wells Community Center and Library complex (scheduled to begin construction later this year). Pima County commits to providing the local 5.7 percent match requirements.

As there are currently no sidewalks or bike lanes along this stretch of Romero Road, this project would increase bicycle and pedestrian safety along this corridor. Bicycle and pedestrian travel occurs daily along Romero Road by area residents, SunTran riders, and the students who walk or cycle to attend Homer Davis Elementary School. Additionally, this project includes landscaping which would increase the visual appeal of the streetscape and provide protective shade to the users. The pedestrian curb extensions and enhanced crosswalks proposed would slow right turning traffic down, as well as make the kids more visible to oncoming traffic, thereby increasing their safety. This project also includes pedestrian and bicycle safety education for the students, further increasing their ability to walk safely to and from the school and new library.

Finally, this project promotes pride and a sense of ownership of the project by the children by including children-designed artwork, sidewalk stencils, and signs that promote safety in the walk to school.

State Transportation Enhancement Review Committee
Homer Davis Elementary School Bicycle and Pedestrian Enhancement
May 24, 2005
Page 2

Thank you for your consideration of the Homer Davis Elementary School Bicycle and Pedestrian Enhancement. As I am a former student of this school, I feel this is a worthwhile project that will greatly enhance the livability of this low-income, high-need community.

Sincerely,

A handwritten signature in cursive script, appearing to read "C. Huckelberry". The signature is written in black ink and is positioned to the right of the typed name.

C.H. Huckelberry
County Administrator

CHH/jj



PIMA COUNTY BOARD OF SUPERVISORS

DISTRICT 3

130 WEST CONGRESS STREET, 11 FLOOR

TUCSON, ARIZONA 85701-1317

(520) 740-8126

district3@pima.gov

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CHAIR

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May 24, 2005

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

Re: Homer Davis Elementary School Bicycle and Pedestrian Enhancement
Dear Review Committee Members:

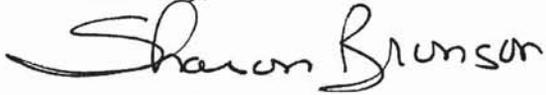
As the Pima County Supervisor representing the area in which the Homer Davis Elementary School is located, I am writing in support of the Homer Davis Elementary School Bicycle and Pedestrian Enhancement. This project will provide an important pedestrian and bicycle connection between area neighborhoods and the elementary school and also will connect to the Flowing Wells Community Center and Library complex that will soon be built approximately one-quarter mile to the north. It will also greatly benefit the surrounding community members, as it will provide safer walking and cycling between several low-income mobile home parks and apartment complexes in the area and the new Community Center.

Currently there are no sidewalks along Romero Road, and therefore children and adults must walk in or along the street, where speeds sometimes exceed 35 mph. Additionally, there are no bike lanes on Romero, the addition of which will make cycling along this roadway considerably safer. The enhanced landscaping would provide good 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 the Community Center more safely. The pedestrian curb extension at the current school crosswalk will allow the children to be more visible and slow down right-turning traffic while also eliminating a water-drainage problem that forces them to walk far outside the crosswalk area during and after rains.

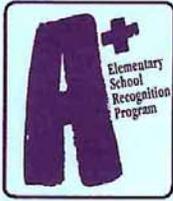
The proposal also gives the children a sense of ownership and pride in the project with the inclusion of children-designed artwork, sidewalk stencils, and signs that promote safety in the walk to school. The school is currently applying for a \$3,000 art grant through Target to help fund the sidewalk art and promote the safety theme. The school is also demonstrating commitment and support for the project by funding sidewalk improvements right in front of the school grounds.

This project will improve safety conditions at a local elementary school that has high pedestrian traffic in a low-income, high-need area. I appreciate your consideration, and urge you to fund this project.

Sincerely,

A handwritten signature in black ink that reads "Sharon Bronson". The signature is written in a cursive style with a large, looping initial "S".

Sharon Bronson
Chair, Pima County Board of Supervisors



HOMER DAVIS ELEMENTARY SCHOOL

Flowing Wells School District
4250 North Romero Road • Tucson, Arizona 85705 • (520) 690-2341

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

From: Dan Scheller

Sent: Wednesday, May 26, 2005

Subject: Homer Davis Proposal

The Flowing Wells Facility Department shares in the excitement with the Homer Davis Elementary Staff and the community regarding the recent announcement of the major road and pedestrian improvements along Romero Road.

I would like to make the commitment and provide you with the assurance that the Flowing Wells Schools Facility Department will make the necessary modifications to the existing sidewalks located along Romero Road. It is our intent to comply with the physical requirements outlined in the scope of work specified for this project.

It is my understanding that the scope of work will involve installing a series of ramps, incorporating them into the existing sidewalks at specific locations; this would also include elevating the crosswalk located on the Homer Davis Campus. We are aware that the assessment of this work was conducted by the Pima County Transportation Department with an estimate placed at \$ 10,000. This would be the district's financial responsibility.

I would like to offer the assistance of my department in any way that may help expedite this endeavor.

Our goal is to partner with the Pima Association of Government ensuring the smooth and successful completion of the project.

Please contact me at (520) 690-2222 if you can benefit from our assistance.

Dan Scheller
Director of Maintenance
Flowing Wells Schools
2390 West Wetmore Road
Tucson, Arizona 85705
Schelled@flowingwells.k12.az.us

Brett K. Bonner
Principal
Homer Davis Elementary
4250 North Romero Road
Tucson, Arizona 85705
Bonnerb@flowingwells.k12.az.us



Flowing Wells Neighborhood
Association and Community Coalition

May 20, 2005

State Transportation Enhancement Review Committee
Arizona Department of Transportation
206 S. 17th Avenue
Phoenix, AZ 85705-3213

Dear Committee Members:

I am pleased to endorse the Round 13 Transportation Enhancement Application on behalf of the Flowing Wells Neighborhood Association and Community Coalition. The mission statement of the Coalition is to promote pride by bringing people together to improve the safety and quality of life of the Flowing Wells Community. The FW School District, Coalition and Pima County Transportation have a history of working together to alleviate traffic hazards in our community.

Homer Davis Elementary School was established in 1955 and has a current enrollment of 518 students. The traffic congestion of today along N. Romero Road was not even contemplated at that time. There are currently no sidewalks on either side of Romero (with the exception of the school property). A new community center and library will be constructed just .21 miles north of the school. A pedestrian corridor would not only be of great benefit to the school but would be for the surrounding neighbors as well.

Homer Davis Elementary School is within the HUD Flowing Wells Revitalization Area boundaries. This geographic area encompasses 3.1 square miles. The transportation needs of this community are great. The average household has 2.41 individuals. 9% of those families have no vehicle available to them and 47.9% of the families have 1 vehicle. This is an area of working poor (37% single female head-of-household). The breadwinner leaves for work taking the only vehicle available to the family while leaving the others without transportation. It is imperative that the infrastructure be developed to assist those families with their daily needs. Linking the community center to the various mobile home parks, apartments, and the school makes good community development sense. Pima County also plans to place a WIC (Women's, Infant's and Children's) site at N. Romero and W. Wetmore. Providing more social services in the community is one of the goals of our Revitalization Strategic Plan.

Homer Davis Elementary is open all year long as their food program continues to service the community even when school is not in session. Clearly, this is a vital service in this low-income area. The Coalition is greatly concerned for the safety of these children because they are forced to walk off the sides of this congested road with fast moving traffic. We truly support this proposal and sincerely hope that it is funded. Should you have any questions please do not hesitate to contact me.

Very truly yours,

A handwritten signature in black ink that reads 'Dolores A. Chenoweth'. The signature is written in a cursive style.

Dolores Chenoweth
Vice President
Flowing Wells Neighborhood Association
and Community Coalition

P.O. Box 5141 Tucson, AZ 85703-5141 (520) 888-2085



FLOWING WELLS SCHOOLS

IOLA FRANS ADMINISTRATION CENTER
1556 WEST PRINCE ROAD
TUCSON, ARIZONA 85705-3087
(520) 690-2200 • FAX: (520) 690-2400

May 19, 2005

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

Dear Committee Members:

Please consider this letter strong support for the pedestrian/bicycle circulation plan being developed by the Flowing Wells Neighborhood Association and Community Coalition. This project is designed to install vertical curbs, sidewalks, and landscaping for Homer Davis Elementary School. As you know, there is a critical need for bike lanes and sidewalks, especially in proximity to schools and areas where there may be safety concerns for children and adults alike. There is no question that there has been a need for these improvements in our community for many years, and it is critical that the revitalization plan that has been established be used as the blueprint for these installations.

If there is anything Flowing Wells School District can do to further support the completion of these efforts, please let me or Ms. Linda Jehle know at your convenience.

Sincerely,

Nicholas I. Clement, Ed.D.
Superintendent

NIC/jb