

# Centennial Elementary Flowing Wells Junior High Safe Routes to School Enhancement



Arizona  
Transportation  
Enhancement  
Application  
August 2008



Sponsored by Pima County  
Department of Transportation  
Pima County - Tucson  
Safe Routes to School Program

## Update on Previous Related Transportation Enhancement Grants

Pima County and City of Tucson staff are implementing the ***Pima County-Tucson Safe Routes to Schools Pilot Program***. This program focuses on eight pilot elementary schools throughout the region and is funded through a \$457,000 Transportation Enhancement grant, over \$145,000 in Pima County funding, and \$29,000 in City of Tucson funding. Pima County also provides the equivalent of four full-time Bicycle and Pedestrian Program staff working on the Safe Routes program. Staff and consultants have also provided free training to agencies and citizens around the state of Arizona on how to implement Safe Routes to Schools programs.

- To date, have conducted bicycle and pedestrian safety training at the eight pilot elementary schools, including pedestrian safety training for over 700 second graders and bicycle safety training for over 600 fourth graders. Bicycle rodeos are conducted twice per year when possible at each of the schools. The education program is also provided to non-pilot elementary schools upon request.
- Have developed and are running Public Service Announcements on local TV and radio stations promoting child pedestrian and bicycle safety and promoting participation in International Walk to School Day and other important regional events, including Walk n' Roll to School Day and the Walking School Bus Challenge. Have funded the Walking School Bus Challenge for over 40 elementary schools in the region.
- Developing Safe Routes bicycle and pedestrian projects at Sam Hughes Elementary School funded by PAG Regional Transportation Authority (RTA) Safe Routes to Schools funds. Have been awarded regional RTA funding for bicycle and pedestrian pathways for Agua Caliente Elementary, an additional participating pilot school. Have constructed bicycle and pedestrian pathways funded by the RTA at Fruchthendler Elementary School, a non-pilot school that has also received the safety training program.
- Working on design of two federally-funded Transportation Enhancement Safe Routes projects for two of the pilot schools, Homer Davis Elementary and Laguna Elementary. Currently assessing potential Safe Routes projects for Butterfield Elementary, Peter Howell Elementary, and Santa Clara Elementary, additional pilot schools. Implementing minor demonstration safety projects at all eight of the pilot elementary schools.
- Implementing federally-funded Transportation Enhancement Safe Routes bicycle and pedestrian projects at two additional non-pilot elementary schools and three middle schools: Continental Elementary School, Desert Winds Elementary School, Continental Middle School, Hohokam Middle School, and Picture Rocks Intermediate School.

## TRANSPORTATION ENHANCEMENT APPLICATION

### APPLICANT INFORMATION

|   |   |                                       |
|---|---|---------------------------------------|
| <b>1. APPLICANT AND SPONSOR</b><br>(Must be ADOT if on ADOT right of way)<br>Pima County Dept. of Transportation  | <b>MPO / COG</b><br>PAG   | <b>2. DATE</b><br>August 22, 2008     |
| <b>3. <u>PROJECT NAME</u> &amp; LIMITS- Must provide physical/actual project limits by common name. i.e. along the east and west side of Tangerine Road between First Avenue and La Canada in Oro Valley Arizona</b><br><br><b>Centennial Elementary/Flowing Wells Jr. High Safe Routes to School Enhancement</b><br>This project includes provision of 5-foot wide sidewalks and ramps on the north and south sides of Wetmore Road from Romero Road 2,520 feet west to La Cholla Boulevard; provision of sidewalk on the north side of Wetmore Road 410 feet west and connecting to existing sidewalk in front of Centennial Elementary School; and provision of sidewalk on the east side of La Cholla Boulevard from Wetmore Road 770 feet south to West Hadley Street. |   |                                       |
| <b>4. MAILING ADDRESS</b><br><br>201 N. Stone Avenue, 5 <sup>th</sup> Floor   |   |                                       |
| <b>CITY</b><br>Tucson   | <b>ZIP CODE</b><br>85701  | <b>5. COUNTY</b><br>Pima              |
|   |   | <b>6. CONGRESSIONAL DISTRICT</b><br>8 |
| <b>7. CONTACT PERSON</b><br>Matt Zoll   | <b>PHONE NO:</b> (520) 740-6746   |                                       |
|   | <b>FAX NO:</b> (520) 740-6341   |                                       |
| <b>TITLE:</b><br>Pedestrian Program Manager   | <b>EMAIL:</b> Matthew.Zoll@dot.pima.gov   |                                       |
| <b>8. ALTERNATE PERSON</b><br>Ellie Towne   | <b>PHONE NO:</b> (520) 888-2085   |                                       |
| <b>TITLE:</b><br>President, Flowing Wells Neighborhood Association and Community Coalition (FWNACC)   | <b>FAX NO:</b> (520) 888-2085   |                                       |
|   | <b>EMAIL:</b> <a href="mailto:towebaz@msn.com">towebaz@msn.com</a>  |                                       |
| <b>9. List eligible activity (s) by number and title:</b>   | 1. Provision of facilities for pedestrians and bicycles. 2. Provision of safety and educational activities for pedestrians and bicyclists |                                       |
| <b>10. List requested amount:</b>   | \$500,000   |                                       |
| <b>11. List total cost of project: (Fed \$ + match)</b>   | \$618,542   |                                       |

**Please fill in every box**

**CHECK ALL BOXES THAT APPLY**

**12. Circle or highlight primary category in which you wish to be evaluated**

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

**13. PROJECT GENERAL DESCRIPTION: INCLUDE PROJECT CONCEPT, LENGTH, MILEPOSTS, and NUMBER OF ACRES. LIST ALL KEY ELEMENTS OF THE PROJECT SCOPE. ( i.e. Construct .5 miles of 10 foot wide asphalt multi-use pathway along the north**

The Centennial Elementary/Flowing Wells Junior High Safe Routes to School Enhancement provides 5-foot sidewalks and ramps to connect the schools with area neighborhoods. The sidewalk project provides new sidewalk to the south and connects discontinuous sidewalk sections located east of the schools.

The two Flowing Wells schools have a combined enrollment of 1,327 students (Centennial: 443, Flowing Wells Junior High: 884). Many of these students in this economically-stressed neighborhood walk to school. ADA-compliant sidewalks would provide a safer and accessible pedestrian facility for the students to go to school as well as for others in the community to use.

This project includes provision of 5-foot wide sidewalks and ramps on the north and south sides of Wetmore Road from Romero Road 2,520 feet west to La Cholla Boulevard; provision of sidewalk on the north side of Wetmore Road 410 feet west and connecting to existing sidewalk in front of Centennial Elementary School; and provision of sidewalk on the east side of La Cholla Boulevard from Wetmore Road 770 feet south to West Hadley Street.

This project also includes student-designed artwork and bicycle/pedestrian safety products including helmets and reflectors for the elementary and junior high school students to promote safer walking and bicycling to and from the schools. Pima County DOT will also provide local funding and staff for bicycle and pedestrian safety training for the children.

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

|   |  |   |                      |   |             |   |    |  |    |
|---|--|---|----------------------|---|-------------|---|----|--|----|
| A.  | Where is the project located? Provide actual physical location. (Must attach map in appendix)  |   |                      |   |             |   |    |  |    |
|   | The project is located along Wetmore Road between the west driveway of Centennial Elementary School and Romero Road, and along La Cholla Boulevard between Wetmore Road and West Hadley Street.  |   |                      |   |             |   |    |  |    |
| B.  | <table border="1" style="width: 100%;"> <tr> <td data-bbox="212 1392 1242 1465">Is the project on a planned, existing, or under construction transportation corridor?</td> <td data-bbox="1263 1392 1477 1465">On existing corridor</td> </tr> <tr> <td data-bbox="212 1465 1242 1535">If on a planned corridor under construction, what is the approximate or scheduled completion date for the corridor?</td> <td data-bbox="1263 1465 1477 1535">N/A</td> </tr> </table>  | Is the project on a planned, existing, or under construction transportation corridor? | On existing corridor | If on a planned corridor under construction, what is the approximate or scheduled completion date for the corridor? | N/A         |   |    |  |    |
| Is the project on a planned, existing, or under construction transportation corridor?                               | On existing corridor   |   |                      |   |             |   |    |  |    |
| If on a planned corridor under construction, what is the approximate or scheduled completion date for the corridor? | N/A  |   |                      |   |             |   |    |  |    |
| 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 design and construction of 5-foot wide concrete sidewalk with provision of ramps at existing curb sections and ADA-compliant detectable warning strips. No major land modification or retaining walls are necessary.   |   |                      |   |             |   |    |  |    |
| D.  | <table border="1" style="width: 100%;"> <tr> <td data-bbox="212 1774 1242 1818">Can the project be constructed entirely within the project right-of-way</td> <td data-bbox="1263 1774 1477 1818">Yes</td> </tr> <tr> <td data-bbox="212 1818 1242 1862">Who owns the proposed project ROW?</td> <td data-bbox="1263 1818 1477 1862">Pima County</td> </tr> <tr> <td data-bbox="212 1862 1242 1906">Are there any private landowners involved? If so please list.</td> <td data-bbox="1263 1862 1477 1906">No</td> </tr> <tr> <td data-bbox="212 1906 1242 1929">What percent of the project area is on ADOT ROW?</td> <td data-bbox="1263 1906 1477 1929">0%</td> </tr> </table> | Can the project be constructed entirely within the project right-of-way               | Yes                  | Who owns the proposed project ROW?  | Pima County | Are there any private landowners involved? If so please list. | No | What percent of the project area is on ADOT ROW? | 0% |
| Can the project be constructed entirely within the project right-of-way   | Yes  |   |                      |   |             |   |    |  |    |
| Who owns the proposed project ROW?  | Pima County  |   |                      |   |             |   |    |  |    |
| Are there any private landowners involved? If so please list.   | No   |   |                      |   |             |   |    |  |    |
| What percent of the project area is on ADOT ROW?  | 0%   |   |                      |   |             |   |    |  |    |

|    |  |           |
|----|--|-----------|
| E. | Are there drainage issues to consider?<br>Describe any potential impacts to Waters of the U.S.                             | No<br>N/A |
| F. | Are utility relocations necessary?   | No        |
| G. | What is the proposed time frame for completion of the project?<br><br>The proposed time frame for completion is 36 months. |           |
| H. | Will the project be ADA accessible?  | Yes       |

**15. How will the project be maintained?** All projects will require a signed Joint Project Agreement (JPA) prior to project construction with the government sponsoring entity. If the project is a state project the government entity for which the project falls will be responsible for long term maintenance. If agreement is not signed the project will be terminated. 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.<br>Pima County Department of Transportation (PCDOT) is responsible for on-going maintenance and repairs of the TE project. |
| B. | Proposed on-going maintenance and repair program<br>PCDOT will conduct maintenance and repair as part of standard roadway maintenance operations.  |
| C. | Source of funds for on-going maintenance and repairs<br>Pima County uses Highway User Revenue Funds in performing roadway and sidewalk maintenance and repairs.  |

**16. If you are a local government, do you anticipate requesting self bid and administration based on the FHWA guidelines? (See TE Handbook, revised 2007, for clarification).**

YES       NO

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

YES       NO

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

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

This enhancement project is a listed project in the Flowing Wells HUD Neighborhood Revitalization Strategy (NRS) published in 2001 and updated in 2008. The public was involved and encouraged to attend numerous information-gathering forums. 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 Organization work closely with the FWNACC so that information flows freely to and from each entity. School administration has been particularly concerned about student safety in this area. They have been working with the Pima County Sheriff's Office and the FWNACC to calm traffic during peak hours of pedestrian traffic.

Centennial Elementary does participate in the Peacebuilder's Programs as well as the Pima County-Tucson Safe Routes to School program. The students will have the opportunity to participate by incorporating those concepts into the art included with the project.

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

This project provides for paved pedestrian facilities along Wetmore Road and La Cholla Boulevard, creating safer routes for children and local residents to access Centennial Elementary School and Flowing Wells Junior High. The project will also provide access to essential services located near the Wetmore Road/Romero Road intersection: the Ellie Towne/Flowing Wells Community Center, the Flowing Wells Library, and the WIC Center. The project also improves pedestrian access to the Flowing Wells Business Corridor located west of La Cholla along Wetmore Road. Currently the pedestrian route is unpaved and rough and no curb ramps exist.

Historically, in economically-stressed communities there is a much higher proportion of students who walk to and from school. Many of the families in the area utilize public transportation or are limited to one vehicle. This is found to be true in the Flowing Wells area where owning and operating a vehicle for many people is a luxury.

This project should be funded to improve safety for the entire community. It provides for greater transportation choice for low-income families in the community. Through enhanced facilities and pedestrian and bicycle safety outreach, this project would promote involvement of school personnel, parents, students and community residents in improving pedestrian and bicycle safety in this area.

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

This project has the concurrence of the sponsoring agency, is consistent with the agency's plans and meets all of the basic criteria listed above, which are required by the state of Arizona's Transportation Enhancement Program.

|  |   |
|--|---|
| Sponsor Representative<br>(Type in name and title) | Ben Goff, P.E.<br>Deputy Director, PCDOT  |
| Signature of Rep                                   |  |
| Date Signed  | 6/10/08   |

State projects must be signed by the appropriate District Engineer.

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

This project has been reviewed and endorsed by:

|                |  |
|----------------|--|
| MPO or COG     |  |
| Name and Title |  |
| Signature      |  |
| Date Signed    |  |

**ARIZONA TRANSPORTATION ENHANCEMENT PROGRAM  
ROUND 16 (2008) COST ESTIMATE**

| 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>  |      |       |             |             |                          |                               |
| All applications MUST include these costs regardless if the application is for a State or Local project.<br>Unit prices MUST be a reasonable representation of the work to be performed.                           |      |       |             |             |                          |                               |
| SITE TOPOGRAPHIC SURVEY (2%-5% of constr. cost) <i>(Enter \$0 in Unit Price column if none required)</i>   | LS   | 1     | \$21,910.01 | \$21,910.01 | <b>NO ENTRY</b>          |                               |
| SCOPING DOCUMENT - Scoping Letter, Project Assessment or DCR. (About 5% of construction cost) The cost MUST be a reasonable representation of the work to be performed.  | LS   | 1     | \$21,910.01 | \$21,910.01 |                          |                               |
| ENVIRONMENTAL DETERMINATION including technical supporting documents. Anticipate \$20,000 to \$40,000. The cost MUST be a reasonable representation of the work to be performed.                                   | LS   | 1     | \$40,000.00 | \$40,000.00 |                          |                               |
| HAZARDOUS MATERIALS ASSESSMENT Including heavy metals & asbestos (If an assessment is necessary, about \$1,500. Enter \$0 in Unit Price column if none required)   | LS   | 1     | \$1,500.00  | \$1,500.00  |                          |                               |
| <b>SUBTOTAL – PROJECT SCOPING COSTS</b>  |      |       |             | \$85,320.02 |                          |                               |
| <b>STAGES II, III, IV - DESIGN</b><br>(30%, 60%, 95%-100% Design)  |      |       |             |             |                          |                               |
| All applications MUST include these costs regardless if the application is for a State or Local project.   |      |       |             |             |                          |                               |
| <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. Anticipate 18%-20% of constr. costs.   | LS   | 1     | \$87,640    | \$87,640    | \$82,645                 | \$4,995                       |
| GEOTECHNICAL INVESTIGATION (If a report is necessary, About 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         | \$0                      | \$0                           |
| DRAINAGE REPORT (If a report is necessary, about 5% of construction cost) <i>Enter \$0 in Unit Price column if none required)</i>  | LS   | 1     | \$0         | \$0         | \$0                      | \$0                           |
| STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, about 1% of construction cost) <i>Enter \$0 in Unit Price column if none required.</i>                               | LS   | 1     | \$4,382     | \$4,382     | \$4,132                  | \$250                         |
| <b>SUBTOTAL – PROJECT DESIGN COSTS</b>   |      |       |             | \$92,022    | \$86,777                 | \$5,245                       |
| Federal Funds for design are calculated at 94.3% of the total design cost. If requesting less than 94.3% Federal Funds for design, enter new total or 0 in the Federal column.                                     |      |       |             |             |                          |                               |

| STAGE V – CONSTRUCTION  |      |        |          |           |                 |            |
|---|------|--------|----------|-----------|-----------------|------------|
| <b>SITE ACQUISITION &amp; HARDSCAPE CONSTRUCTION</b>  |      |        |          |           |                 |            |
| RIGHT-OF-WAY ACQUISITION  | LS   | 1      | \$0      | \$0       | \$0             | \$0        |
| INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES  | LS   | 1      | \$14,379 | \$14,379  | \$13,560        | \$820      |
| SITE PREPARATION (Clearing and grubbing, plant salvage)   | LS   | 1      | \$1,500  | \$1,500   | \$1,415         | \$86       |
| <b>DEMOLITION</b>   |      |        |          |           |                 |            |
| Sawcut, Remove AC Pavement and Concrete to install new curb ramps   | LS   | 1      | \$5,000  | \$5,000   | \$4,715         | \$285      |
| <b>EARTHWORK</b>  |      |        |          |           |                 |            |
| Shoulder Grading  | SY   | 4,000  | \$5      | \$20,000  | \$18,860        | \$1,140    |
| CURB & GUTTER   | LF   | 240    | \$17     | \$4,080   | \$3,847         | \$233      |
| <b>PATHWAY OR SIDEWALK MATERIALS</b>  |      |        |          |           |                 |            |
| Concrete  | SF   | 24,375 | \$8      | \$182,813 | \$172,392       | \$10,420   |
| PEDESTRIAN ADA RAMP   | EACH | 33     | \$1,550  | \$51,150  | \$48,234        | \$2,916    |
| DRIVEWAY APRONS   | SF   | 2,880  | \$8      | \$23,040  | \$21,727        | \$1,313    |
| <b>SUBTOTAL - SITE ACQUISITION &amp; HARDSCAPE CONSTRUCTION</b>   |      |        |          | \$301,962 | \$284,750       | \$17,212   |
| <b>LANDSCAPING &amp; IRRIGATION ITEMS</b>   |      |        |          |           |                 |            |
| Decomposed Granite  | SY   | 255    | \$4      | \$893     | \$842           | \$51       |
| <b>SUBTOTAL – LANDSCAPING &amp; IRRIGATION ITEMS</b>  |      |        |          | \$893     | \$842           | \$51       |
| <b>OTHER CONSTRUCTION ITEMS (List line items)</b>   |      |        |          |           |                 |            |
| Artistic Safe Routes treatments (stencils, signs, tilework, etc.) designed by school children   | LS   | 1      | \$15,000 | \$15,000  | \$14,145        | \$855      |
| Safe Routes Bicycle Safety Products (Helmets, Reflectors, etc.)   | LS   | 1      | \$2,000  | \$2,000   | \$1,886         | \$114      |
| <b>SUBTOTAL - OTHER CONSTRUCTION LINE ITEMS</b>   |      |        |          | \$17,000  | \$16,031        | \$969      |
| <b>MOBILIZATION AND ADMINISTRATION COSTS</b>  |      |        |          |           |                 |            |
| CONTRACTOR MOBILIZATION (Typically about 8% of construction cost)   | LS   | 1      | \$25,588 | \$25,588  | \$24,130        | \$1,459    |
| TRAFFIC CONTROL (0-8% of construction cost)   | LS   | 1      | \$15,993 | \$15,993  | \$15,081        | \$912      |
| CONSTRUCTION SURVEY & LAYOUT (Typically about 1% of constr. cost)   | LS   | 1      | \$3,199  | \$3,199   | \$3,016         | \$182      |
| CONSTRUCTION CONTINGENCIES (Typically about 5% of constr. cost)   | LS   | 1      | \$15,993 | \$15,993  | \$15,081        | \$912      |
| CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)  | LS   | 1      | \$57,574 | \$57,574  | \$54,292        | \$3,282    |
| <b>SUBTOTAL – MOBILIZATION &amp; ADMINISTRATION COSTS</b>   |      |        |          | \$118,346 | \$111,600       | \$6,746    |
| <b>TOTAL STAGE V COSTS (CONSTRUCTION)</b><br>(Enter this amount in Box A below.)  |      |        |          | \$438,200 | \$413,223       | \$24,977   |
| ADOT REVIEW FEES  | LS   | 1      | \$3,000  | \$3,000   | <b>NO ENTRY</b> |            |
| <b>TOTAL PROJECT COST (All subtotals + ADOT review fee)</b>   |      |        |          | \$618,542 | <b>NO ENTRY</b> |            |
| <b>SUMMARY OF FEDERAL AND LOCAL FUNDS</b>   |      |        |          |           |                 |            |
| <b>TOTAL STAGE V COSTS (CONSTRUCTION) FROM THE ESTIMATE ABOVE, AND DESIGN COSTS IF REQUESTING FEDERAL FUNDS FOR DESIGN.</b> Include design costs (Stages II thru IV) if federal funds are requested for design as shown under Design Costs in the federal column above. |      |        |          |           | <b>BOX A</b>    | \$530,222  |
| <b>TOTAL FEDERAL FUNDS CAPPED @ 94.3% (.943 x amount shown in Box A above).</b><br>Note: For local projects, the maximum federal funds that can be requested is \$500,000.  |      |        |          |           | <b>BOX B</b>    | \$ 500,000 |
| <b>TOTAL SPONSOR MATCHING FUNDS (.057 x cost shown in Box A above).</b><br>The maximum amount that should be shown on this line is \$30,223 for local projects.   |      |        |          |           | <b>BOX C</b>    | \$ 30,223  |
| <b>TOTAL SPONSOR ADDITIONAL FUNDS (OVERMATCH).</b> Enter the amount in Box A in excess, if any, of \$530,223 for local projects or \$1,060,445 for state projects.  |      |        |          |           | <b>BOX D</b>    | \$ 0       |
| <b>TOTAL SPONSOR FUNDS (Sum of Box C and Box D).</b>  |      |        |          |           | <b>BOX E</b>    | \$ 30,223  |

**RESOLUTION AND ORDER 2008 - 203**

**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 CENTENNIAL ELEMENTARY/FLOWING WELLS JUNIOR HIGH SAFE ROUTES TO SCHOOL ENHANCEMENT. (District 3)**

**WHEREAS**, Wetmore Road and La Cholla Boulevard currently have few pedestrian facilities for school children to use to walk to and from school; and

**WHEREAS**, the Centennial Elementary/Flowing Wells Jr. High Safe Routes to School Enhancement provides a valuable enhancement for pedestrians wishing to access the elementary and junior high schools, the Ellie Towne Flowing Wells Community Center, the Flowing Wells Public Library, and the Women, Infants, and Children Community Services Center; and

**WHEREAS**, the proposed project includes full design and construction of sidewalk facilities and safety and educational activities with the school children and their parents; and

**WHEREAS**, federal Transportation Enhancement funds can be utilized for pedestrian facilities and safety and educational purposes, including for the Centennial Elementary/Flowing Wells Jr. High Safe Routes to School Enhancement.

**NOW, THEREFORE, BE IT RESOLVED** by the Pima County Board of Supervisors that:

1. An application for federal Transportation Enhancement reimbursable grant assistance to implement the Centennial Elementary/Flowing Wells Jr. High Safe Routes to School Enhancement be filed with the appropriate federal agency.
2. If the federal reimbursable funds are approved by the Arizona Department of Transportation (ADOT), Pima County accepts and approves the federal TE grant award (estimated award \$500,000) and will provide matching funds equal to \$30,223 for the project. Pima County will also pay for the project scoping document, environmental, utility clearances, design, and right-of-way, if applicable. As required, Pima County will also pay ADOT \$3,000 of the required processing fee if the federal reimbursable funds are approved for the project, and will pay for all cost overruns. Pima County will provide these funds from County DOT Unrestricted Revenues – Capital Budget.

3. If the federal grant funds are approved by the Arizona Department of Transportation and accepted and approved by Pima County, the Centennial Elementary/Flowing Wells Jr. High Safe Routes to School Enhancement will be ready for advertisement in no more than three years.
4. If the Centennial Elementary/Flowing Wells Jr. High Safe Routes to School Enhancement is cancelled by Pima County, Pima County agrees to reimburse the Arizona Department of Transportation and/or the Federal Highway Administration all federal funds spent for the project.
5. 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.
6. Pima County shall provide funds for overhead charges not covered by the grant from County DOT Unrestricted Revenues – Capital Budget
7. The TE grant reimburses project expenditures no more than once per month.
8. Pima County shall comply with all appropriate state and federal regulations, policies, guidelines, and requirements as they relate to the TE funding award.
9. The Pima County Administrator shall act as the agent of the Pima County Board of Supervisors to sign and submit all documents that are necessary to implement and complete the Project.

PASSED AND ADOPTED THIS 5th day of August, 2008.

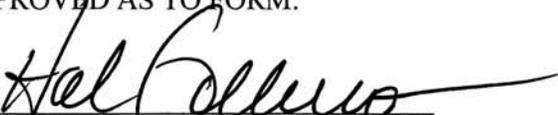
PIMA COUNTY BOARD OF SUPERVISORS:

  
\_\_\_\_\_  
Chair, Board of Supervisors

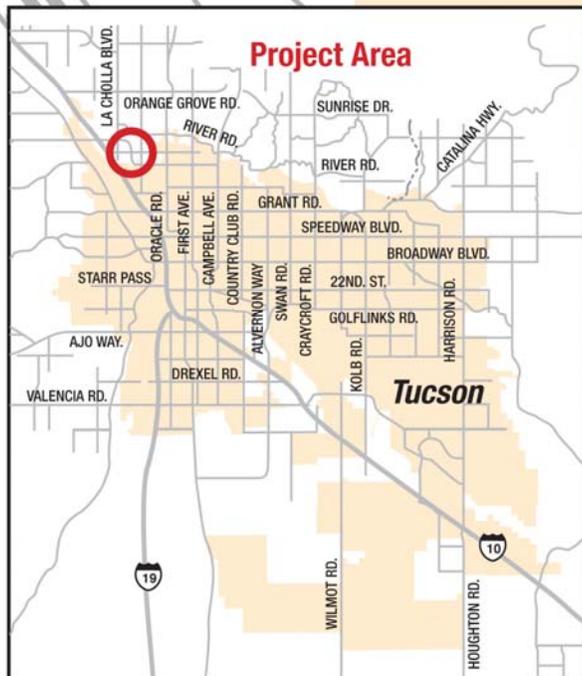
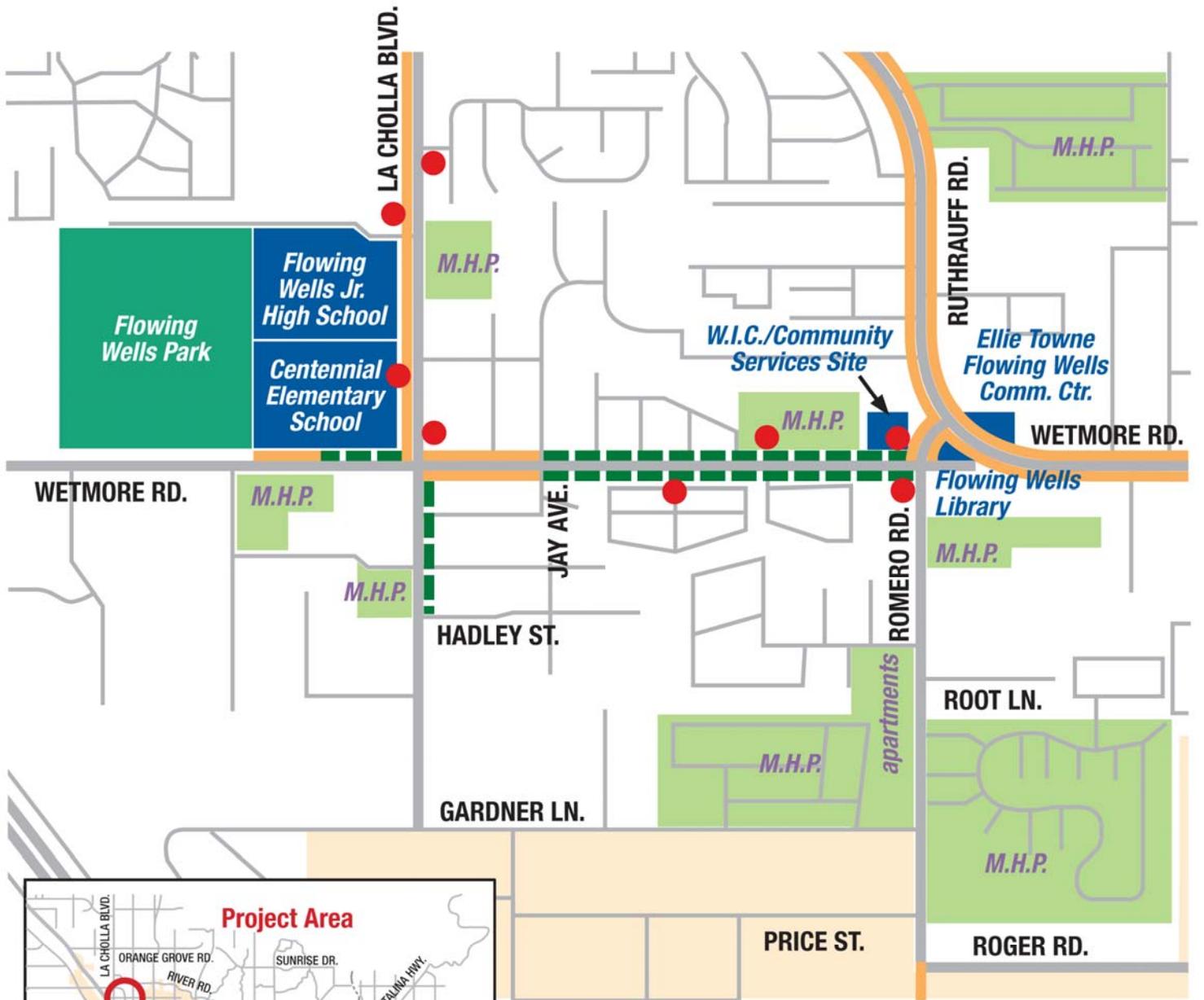
ATTEST:

  
\_\_\_\_\_  
Clerk, Board of Supervisors

APPROVED AS TO FORM:

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

# Project Location Map



--- PROPOSED SIDEWALK

— EXISTING SIDEWALKS

■ PUBLIC SCHOOLS & COMMUNITY SITES

■ PUBLIC PARKS

■ MOBILE HOME PARKS (M.H.P.) & APARTMENTS

■ TUCSON CITY LIMITS

● PUBLIC BUS STOPS



**Scale:**





## 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 30, 2008

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

**Re: Centennial Elementary/Flowing Wells Jr. High School Safe Routes to School Enhancement**

Dear Review Committee Members:

I would like to submit this letter in support of the Centennial Elementary/Flowing Wells Jr. High School Safe Routes to School Enhancement. This project will provide an important bicycle and pedestrian link between the neighborhoods that feed into these two schools, as well as the nearby community center, library, WIC Center, and health clinic. Pima County commits to providing the local 5.7 percent match requirement for this worthy project.

As there are currently no sidewalks or bike lanes along this stretch of Wetmore Road, this project would increase bicycle and pedestrian safety along this corridor. This traffic occurs daily and includes not only students, but seniors walking to the community center to participate in the senior meal program, SunTran riders, as well as those individuals walking to the Flowing Wells Business Corridor to work.

This project has been identified by the Flowing Wells Neighborhood Association and Community Coalition as a strategy in their HUD Neighborhood Revitalization Strategic Plan. While this area has seen marked improvement over the last several years, much is still to be done. I feel that this is a worthwhile project that will greatly enhance the livability of this low income, high stressed community.

Sincerely,

A handwritten signature in black ink that reads "C.H. Huckelberry". The signature is fluid and cursive.

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) 740-8051

[district3@pima.gov](mailto:district3@pima.gov)

[www.district3.pima.gov](http://www.district3.pima.gov)

**SHARON BRONSON**  
SUPERVISOR

May 22, 2008

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

*Re: Centennial Elementary/Flowing Wells Jr. High School Safe Routes to School Enhancement*

Dear Committee Members:

As the Pima County Supervisor representing the area in which Centennial Elementary and Flowing Wells Jr. High School are located, I am writing in support of this important bicycle and pedestrian enhancement. This project will provide the ever-important connectivity that is vital to this community. This HUD Revitalization Strategic Area has seen many positive changes over the past few years, such as the new Ellie Towne/Flowing Wells Community Center, the Flowing Wells Library, the WIC Center, as well as the St. Elizabeth of Hungary Health Center. Connecting the community at large to these facilities is part of the master strategic plan developed by the neighborhood itself. Interestingly enough, this project is located half way between the Flowing Wells Business Corridor and the afore mentioned facilities. Alternate transportation choices in this economically stressed community need to be provided so that families can raise their children, work and receive social services all within a few blocks.

This project will connect two schools, elementary and junior high, with a combined enrollment of over 1,300 students to these resources. Currently, there are no sidewalks, curbs, etc. along this stretch of Wetmore Road. This enhancement will not only provide this structure while making it safer for the children as well as the community at large that will utilize these sidewalks on a daily basis. They have high pedestrian traffic at the critical times when traffic is at its peak. This project is vital for the Flowing Wells community. I appreciate your consideration, and urge you to fund this project.

Sincerely,

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

Sharon Bronson  
Pima County Board of Supervisors



#1 School  
in Arizona 1994

# CENTENNIAL ELEMENTARY SCHOOL

Flowing Wells School District  
2200 W. Wetmore Road  
Tucson, Arizona 85705  
(520) 696-8200 Fax (520) 690-5613



National Blue  
Ribbon School

May 22, 2008

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

RE: Centennial Elementary School/Flowing Wells Junior High School Safe Routes to  
School Enhancement

Dear Review Committee Members:

I am writing to voice my support for the pedestrian/bicycle plan being developed by the Flowing Wells Neighborhood Association and Community Coalition in conjunction with Pima County Transportation. This project provides sidewalks and ramps to connect the schools with area neighborhoods. This low-income area is in great need of this connectivity.

I am constantly concerned about the safety of our students while they walk to and from school. I can honestly state that there has been a problem filling the position of crossing guard at the four-way stop intersection of La Cholla and Wetmore because of the safety concerns. Curbing and sidewalks would help alleviate this problem.

This project also includes student-designed artwork and an educational component for the elementary students to promote safer walking and bicycling to and from our school. We look forward to seeing this project through to its completion. Strong partnerships can make this happen. I strongly urge you to consider this project for funding for the safety of our children.

Sincerely,

Dr. Lynette Patton  
Principal  
Centennial Elementary School

May 22, 2008

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

Re: Centennial Elementary/Flowing Wells Junior High School Safe Routes to School Enhancement

Dear Review Committee Members:

As principal of the Flowing Wells Junior High School, I am constantly concerned about the welfare of my students. Heavy automobile traffic does not mix well with heavy young pedestrian/bicycle traffic when there are no designated sidewalks, curbs or bicycle lanes. I fully support for the pedestrian/bicycle plan developed by the Flowing Wells Neighborhood Association and Community Coalition and Pima County Transportation. This project provides sidewalks and ramps to connect the schools with area neighborhoods. This is a positive solution to improving the current situation.

This transportation enhancement project also includes student-designed artwork and an educational component for the junior high students to promote safer walking and bicycling to and from not only our school but also Centennial Elementary.

I strongly urge you to consider the merits of this project and fund it accordingly.

Sincerely,



Peter Wells  
Principal



*Flowing Wells Junior High*  
4545 N. La Cholla, Tucson, Arizona 85705

**A+ School Award Winner 2001-2002**



Flowing Wells Neighborhood  
Association and Community Coalition

May 29, 2008

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

re: Centennial Elementary/Flowing Wells Jr. High School Safe Routes to School  
Enhancement

Dear Review Committee Members:

We are proud to support the Centennial Elementary/Flowing Wells Jr. High Safe Routes to School Enhancement. Strong partnerships such as the Flowing Wells School District, Pima County Department of Transportation, and the FWNACC are how great things are made to happen in our neighborhood. We have worked together on many projects and have fostered "best practices" with a caring community.

This particular project has been identified as key to our HUD Revitalization Strategic Plan. Please assist the Coalition in their efforts to make this a safer place to live, and assist those with limited transportation choice. This economically stressed neighborhood needs connectivity to those social services and employers in the immediate area. In addition, this project encourages residents to utilize these additional options!

I urge you to consider this proposal for funding. Please contact me should you have any questions.

Sincerely,

Flowing Wells Neighborhood Association  
and Community Coalition

Ellie Towne  
President

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

*Bringing people together to improve the safety and  
quality of life in the Flowing Wells community.*





BEFORE – La Cholla at Wetmore looking south



AFTER – La Cholla at Wetmore looking south



BEFORE – Wetmore at La Cholla looking west



AFTER – Wetmore at La Cholla looking west



BEFORE – Wetmore at Jay Ave looking east



AFTER – Wetmore at Jay Ave looking east