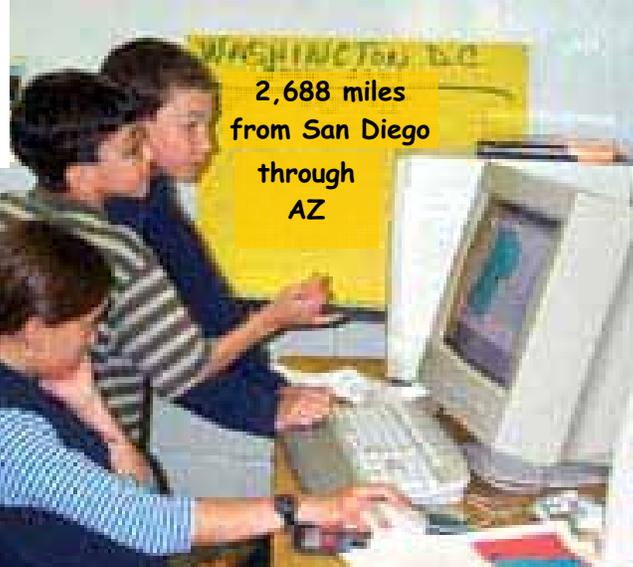


# The Regional Safe Routes to School Support Center Project *...Reaching Out through Technology and Partnerships*

Maricopa County Department of Transportation (MCDOT) and Valley Metro – Regional Public Transportation Authority (RPTA)  
 3M Traffic Safety Systems  
 Arizona Parent Teacher Association  
 Barrow Neurological Institute/  
 St. Joseph’s Hospital & Medical Center  
 City of Avondale  
 City of Glendale  
 City of Mesa  
 City of Peoria  
 City of Phoenix  
 City of Scottsdale  
 City of Tempe  
 Maricopa Integrated Health System  
 Metro Light Rail  
 Phoenix Children’s Hospital  
 Town of Gilbert



**Arizona SAFETEA-LU Round XV**  
  
**Transportation Enhancement Grant Application**  
  
**Submitted August 24, 2007**



**ARIZONA TEA-21  
TRANSPORTATION ENHANCEMENT APPLICATION**

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

**APPLICANT INFORMATION**

<b>1. APPLICANT AND SPONSOR</b> (Must be ADOT if on ADOT right of way) <b>Maricopa County Department of Transportation (MCDOT)/ Valley Metro – Regional Public Transportation Authority (Valley Metro)</b>	<b>MPO / COG</b> <b>Maricopa Association of Governments (MAG)</b>	<b>2. DATE</b> <b>8/21/07</b>
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<b>3. PROJECT NAME &amp; LIMITS</b> (IF ON STATE SYSTEM, PLEASE BEGIN NAME WITH ROUTE NUMBER) <b>Regional Safe Routes to School Support Center Project</b>
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<b>4. MAILING ADDRESS</b> <b>Valley Metro, 302 N. 1<sup>st</sup> Avenue, 6<sup>th</sup> Floor</b>
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<b>CITY</b> <b>Phoenix</b>	<b>ZIP CODE</b> <b>85003</b>	<b>5. COUNTY</b> <b>Maricopa</b>	<b>6. CONGRESSIONAL DISTRICT</b> <b>2, 3, 4, 5, 6, 7</b>
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<b>7. CONTACT PERSON</b> <b>M.K. "Peggy" Rubach,</b> <b>Maricopa County Department of Transportation (MCDOT)</b>	<b>TITLE</b> <b>Multi-Modal Planner</b>	<b>PHONE NO: 602.506.1630</b> <b>FAX NO: 602.506.4882</b>
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<b>8. ALTERNATE PERSON</b> <b>Randi Alcott, Marketing Manager, Valley Metro – Regional Public Transportation Authority (Valley Metro)</b>	<b>TITLE</b> <b>Marketing Manager</b>	<b>PHONE NO: 602.534.1802</b> <b>FAX NO: 602.534.1939</b>
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**9. List the eligible transportation enhancement activity** 2 – Provision of Safety and Educational Activities for Pedestrians and Bicyclists

**10. List the requested amount of federal funds needed for the project** \$ 399,777

**11. List the total cost of the project (federal plus other)** \$ 431,277

THE ELEVEN ELIGIBLE TRANSPORTATION ENHANCEMENT ACTIVITIES

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

- 1.) **PROVISION OF FACILITIES FOR PEDESTRIANS AND BICYCLES.**  
This does not include typical construction elements of a roadway such as; travel lanes, traffic signals, crosswalks, etc.
- 2.) **PROVISION OF SAFETY AND EDUCATIONAL ACTIVITIES FOR PEDESTRIANS AND BICYCLISTS**  
Activities must have a broad and preferably regional target audience.
- 3.) **ACQUISITION OF SCENIC EASEMENTS OR HISTORIC SITES - NOT ELIGIBLE IN ARIZONA**
- 4.) **SCENIC OR HISTORIC HIGHWAY PROGRAMS (INCLUDING THE PROVISION OF TOURIST AND WELCOME CENTER FACILITIES)**  
ADOT does have in place a Parkways, Historic, and Scenic Roads Program. This program does have a separate grant program for projects on those routes that have been designated by the State/ADOT. Must be on or within 2 miles of a State designated Scenic or Historic road.
- 5.) **LANDSCAPING AND OTHER SCENIC BEAUTIFICATION**  
This is for primarily plant landscaping activities. You can include site furniture such as benches, trash receptacles, etc. Stand-alone public art is not considered scenic beautification. You can include some art as part of a project but it is not eligible as a separate category under Transportation Enhancements. Public art has been included in the new Transit Enhancements funding program under the new TEA-21 legislation. Maintenance of landscaping does not qualify under this program.
- 6.) **HISTORIC PRESERVATION**  
Any work under this category must have a **strong** transportation link either past, present or future.
- 7.) **REHABILITATION OF HISTORIC TRANSPORTATION BUILDINGS, STRUCTURES, OR FACILITIES (INCLUDING HISTORIC RAILROAD FACILITIES AND BRIDGES)**
- 8.) **PRESERVATION OF ABANDONED RAILWAY CORRIDORS (INCLUDING THE CONVERSION AND USE THEREOF FOR PEDESTRIAN OR BICYCLE TRAILS)**
- 9.) **CONTROL AND REMOVAL OF OUTDOOR ADVERTISING**
- 10.) **ARCHEOLOGICAL PLANNING AND RESEARCH**
- 11.) **ENVIRONMENTAL MITIGATION TO ADDRESS WATER POLLUTION DUE TO HIGHWAY RUNOFF OR REDUCE VEHICLE-CAUSED WILDLIFE MORTALITY WHILE MAINTAINING HABITAT CONNECTIVITY**
- 12.) **ESTABLISHMENT OF TRANSPORTATION MUSEUMS**  
Please be aware that there are specific requirements for this category. Please contact your MPO, COG representative or ADOT TE Section staff for additional information.

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

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

<input 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 3. NOT ELIGIBLE IN ARIZONA <input type="checkbox"/> 4. Scenic Highway Programs Including the Provision of Tourist and Welcome Center Facilities <input type="checkbox"/> 5. Landscaping and Other Scenic Beautification <input type="checkbox"/> 6. Historic Preservation	<input type="checkbox"/> 7. Rehabilitation of Historic Transportation Buildings, Structures, or Facilities (including historic railroad facilities and bridges) <input type="checkbox"/> 8. Preservation of Abandoned Railway Corridors (including the conversion and use thereof for pedestrian or bicycle trails) <input type="checkbox"/> 9. Control and Removal of Outdoor Advertising <input type="checkbox"/> 10. Archeological Planning and Research. <input type="checkbox"/> 11. Environmental Mitigation to Address Water Pollution Due to Highway Runoff or Reduce Vehicle-caused Wildlife Mortality While Maintaining Habitat Connectivity <input type="checkbox"/> 12. Establishment of Transportation Museums
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**13. PROJECT GENERAL DESCRIPTION:** INCLUDE PROJECT CONCEPT, LENGTH, MILEPOSTS, NUMBER OF ACRES. LIST ALL KEY ELEMENTS OF THE PROJECT SCOPE. Please limit the description to 200 words or less.

**Working in partnership with local governments, school districts, healthcare and corporate/community organizations, the *Regional Safe Routes to School Support Center Project* will provide integrated programs to develop safe routes for children to walk and bike to school and instill in students lifelong skills regarding healthy and active life choices, traffic safety and travel injury prevention.**

**In addition to providing integrated programs to the 15 pilot schools, the project will:**

- ◆ **Create Arizona standards-aligned transportation, safety, health, and air quality curriculums, including a GIS-based mapping curriculum**
- ◆ **Develop student-friendly web-based program support and reporting tools**
- ◆ **Provide a regional purchasing program and central outreach for partnerships with health, business and community organizations and to secure underwriting for student incentives & safety equipment for crossing guards**
- ◆ **Match parents with “schoolpools” to improve school traffic flow and air quality during peak-hour drive times**

**The *Regional Safe Routes to School Support Center Project* will build on nationally recognized programs from Marin County, CA and the previously funded Enhancement Projects for Pima County-Tucson AZ (2002), Phoenix (2003) and Glendale (2000) and the 2006 ADOT Safe Routes to School grant funded projects for Maricopa County, and the Cities of Avondale/Goodyear and Peoria and Town of Gilbert.**

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

- A) Where is the project located? (Must attach map in appendix)
- B) Is the project on a planned, existing, or under construction transportation corridor?  
If on a planned corridor under construction, what is the approximate or scheduled completion date for the corridor?
- C) What major construction, design, and right-of-way work does the project entail?  
Describe any need for major land modification, retaining walls, etc. and include in cost estimate.
- D) Can the project be constructed entirely within the project right-of-way (ROW)?  
Who owns the proposed project ROW?  
Are there any private landowners involved? If so please list.  
What percent of the project area is on ADOT ROW?
- E) Are there drainage issues to consider? Describe any potential impacts to Waters of the U.S.
- F) Are utility relocations necessary?
- G) What is the proposed time frame for completion of the project?
- H) Will the project be ADA accessible?

**A) The 15 pilot school sites are located in Maricopa County with one school in a county island in Mesa, 7 in Phoenix and one each in Avondale, Gilbert, Glendale, Mesa, Peoria, Scottsdale and Tempe. Please refer to map (Appendix p.7) and local government/ school information (Appendix p. 9) for additional information.**

**B) N/A**

**C) Infrastructure and minor improvement projects identified during the pilot project will be addressed by the Individual local governments involved, they are not a part of this project application.**

**D) N/A**

**E) N/A**

**F) N/A**

**G) The pilot project will be carried out within a 24-month period, beginning in summer 2008 and completed by summer 2010. The *Regional Safe Routes to School Support Center Project* will be operational at the beginning of the 2008-2009 school year.**

**H) Yes, curriculum, web-site reporting and all programs will be universally designed for accessibility for individuals with disabilities.**

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

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

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

- A) During the term of the grant Maricopa County and its partners will be responsible for the maintenance and repairs of their respective programs.
- B) Maricopa County will decide, after grant completion, whether to retain their regional lead position or transfer the programs created to Valley Metro/RPTA or other agencies. Costs to maintain the *Regional Safe Routes to School Support Center Project* will be substantially less than start-up costs.
- C) By creating a “zero-based budget” outreach/sponsorship program to include administrative costs and by Arizona-aligning the curriculums, we will maximize the potential to institutionalize the resulting curriculums within the schools and assure their continuity, no matter which agency assumes subsequent lead position. The community and local government partners will benefit from the project products and programs.

Additional funding for the *Regional Safe Routes to School Support Center Project* may be available through Congestion Management Air Quality (CMAQ) grants, 12% Indian Gaming grants and/or grants and partnerships with health organizations, as well as the Robert Wood Johnson Foundation (RWJF), who recently announced a \$500 million dollar effort to address childhood obesity, which was the impetus for creating the Safe Routes to School program in the national transportation funding bill, better known as SAFETEA-LU.

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

Maricopa County has Self Certification Acceptance and will administer the project based on FHWA guidelines.

**17. Is the proposed project listed on or does it meet criteria for any local, state, or federal, historic or scenic designations?** If so, please identify the specific designation(s) and limits and briefly describe why the proposed project qualifies. If this is a rail corridor project is the corridor “rail banked” or is the abandonment authorized by or proceeding before the Interstate Rail Commission?

The proposed project does not meet the criteria for historic or scenic designation. However, the provision of Safe Routes to Schools Programs and bicycle and pedestrian safety and education programs are strongly recommended in the adopted plans and policies of our partner local governments, as well as the *MCDOT Bicycle Transportation System Plan* and *MAG Regional Bikeway Master Plan*. *Maricopa County 2020, Eye to the Future*, the county’s comprehensive plan and its updated *Transportation System Plan* (adopted February 2007) clearly support transportation safety education for bicyclists and pedestrians. Federal programs, such as Safe Routes to School and the Highway Safety Improvement Program are dedicated to reducing bicycle and pedestrian crashes and are critical components of our SAFETEA-LU transportation funding. The *MAG Strategic Transportation Safety Plan*, adopted October 26, 2005 sets as two of its primary goals, “Reduce the Number of Crashes that involve Bicyclists or Pedestrians” and “Improve Safety on Access Routes to Schools”. The *ADOT Statewide Bicycle/Pedestrian Plan (2003)* states, “Education, marketing and law enforcement programs help make the general public aware of bicycling and pedestrian issues”. Funding the *Regional Safe Routes to School Support Center Project* will assist all Maricopa County local governments in meeting these goals.

**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?

**Our partners will help to develop the *Regional Safe Routes to School Support Center Project*. They recognize that, in a 9,226 square mile county with 971 public and charter K-8 schools, plus hundreds of religious and private institutions, we need to utilize technology and actively seek new partners to stretch our limited staff and budgetary resources.**

**This past year MAG and MCDOT updated their bicycle plans. Community involvement was sought through a survey on Valley Metro's website; 2,160 surveys from throughout the County were analyzed. Over 90% of respondents wanted more bicycle and safety education and, the need for education and promotion was the second-most cited open-ended comment.**

**To sustain a *Regional Safe Routes to School Support Center Project* individualized to meet the needs of our geographically dispersed and ethnically diverse student populations, we will continue to enlist the assistance, both programmatic and financial, of schools, families, parent-teacher, healthcare, business and community organizations. They are the foundation upon which we will build our program, as well as those we need to educate and encourage, Countywide, to institutionalize the behavioral changes we all need to make to reduce injuries and air pollution, and to lead healthier and more active lives.**

**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)**

**There were 1,099 pedestrian crashes in 2005 alone, resulting in 88 fatalities in the Phoenix Metro region. We lost 25 bicyclists that year in 1,390 crashes. Over 27% of the crashes involved children under the age of fifteen. Our school, community and family-based *Regional Safe Routes to School Support Center Project* will assist us to develop tools that will help turn these terrifying statistics around.**

**Transportation professionals do not have the resources alone to battle these trends. But, through a true community partnership and the use of technology we can arm our children and their families with the knowledge and training to improve their traveling safety, help them make healthier lifestyle, nutrition and activity choices, educate them to choose multi-modal, cost saving transportation options, reduce congestion and be a part of the solution to our air pollution problems.**

**Our regional approach can easily be adapted statewide in Arizona and across the country. When the *Regional Safe Routes to School Support Center Project* grant is completed, we will share the programs, products and Arizona-aligned curriculums developed with other local, regional, state and national partners committed to making a positive difference in the safety and lives of their children and their communities.**

**Important Basic Criteria for all TE Projects**

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

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

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

Sponsor Representative Kenny W Ham  
 Date August 22, 2007

State projects must be signed by the appropriate District Engineer.

**NOTE:**

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

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

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

This project has been reviewed and endorsed by:

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





RESOLUTION NUMBER 2007-03

A RESOLUTION OF VALLEY METRO
PERTAINING TO THE SUBMISSION OF PROJECTS FOR CONSIDERATION
IN THE
ARIZONA DEPARTMENT OF TRANSPORTATION
SAFETEA-LU ENHANCEMENT PROGRAM
ROUND XV

WHEREAS, the Arizona Department of Transportation is seeking proposals from state and local agencies for projects related to all aspects of transportation enhancements; and

WHEREAS, Valley Metro/Regional Public Transportation Authority (Valley Metro), in partnership with the Maricopa County Department of Transportation (Maricopa County) is interested in submitting projects to be considered for funding from the Arizona Department of Transportation SAFETEA-LU Enhancement Program;

NOW, THEREFORE, BE IT RESOLVED by the Valley Metro Board of Directors as follows:

- 1. THAT approval of the submission of the Regional Safe Routes to School Support Center Project grant application in the amount of \$428,277 (\$399,777- federal share) for consideration in Round XV of the Arizona Department of Transportation SAFETEA-LU Enhancement Program is granted.
2. THAT there is a commitment to: provide a 5.7% (\$24,412) match and a 1.0% (\$4,088) overmatch by the local jurisdictions and community partners participating in the pilot project; be ready to advertise the project within three years; pay for all cost overruns; and reimburse ADOT for all federal funds used, if the project is cancelled by Maricopa County/Valley Metro.
3. THAT David A. Boggs, Executive Director, Valley Metro, is appointed agent for Maricopa County/Valley Metro, to conduct all negotiations and to execute and submit all documents and any other necessary or desirable instruments in connection with such funding and grant administration.

PASSED AND ADOPTED by the Valley Metro Board of Directors, Maricopa County, Arizona this 20th day of September, 2007.

No Valley Metro August Board Meeting. Resolution in Process for Adoption by Valley Metro Board on September 20, 2007. Delay due to fiscal agency change from MCDOT to Valley Metro in August 2007. A signed copy will be forwarded to ADOT 9/20/07.

Approved and Accepted:

By: Les Presmyk, Co-Chair, Valley Metro Board of Directors

Date: September 20, 2007

By: Peggy Bilsten, Co-Chair, Valley Metro Board of Directors

Date: September 20, 2007





August 21, 2007

Chairman Felipe Andres Zubia  
Arizona Department of Transportation  
Transportation Enhancement Review Committee  
205 South 17<sup>th</sup> Avenue, MD 609E  
Phoenix, Arizona 85007

RE: ***Regional Safe Routes to School Support Center Project***  
Submitted by Maricopa County Department of Transportation (MCDOT)/Valley Metro – Regional  
Public Transportation Authority (Valley Metro) - Valley Metro – Fiscal Agent  
**Transportation Enhancement Funding Application (Round XV- 2007)**

Dear Chairman Zubia,

The *Regional Safe Routes to School Support Center Project* combines the efforts of ten local jurisdictions and allows for the addition of up to four tribal communities - Maricopa County, Valley Metro, Avondale, Gilbert, Glendale, Mesa, Peoria, Phoenix, Scottsdale and Tempe, plus the Gila River, Salt River-Pima Maricopa, Guadalupe- Pasqua Yaqui and Ft. McDowell tribal communities. This project will maximize our efforts to enable and encourage children, including those with disabilities, to walk and bicycle to school; to make bicycling and walking to school a safer and more appealing transportation alternative and, to encourage a healthy and active lifestyle from an early age. In addition, creating more “schoolpool”, bicycling and walking options will have a positive effect on our air quality during critical drive-time windows.

This regional pilot project will partner with cities, towns, healthcare and safety organizations to:

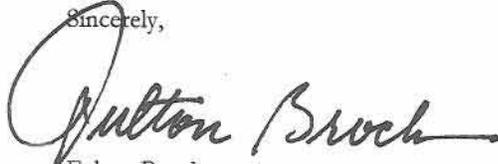
- Deliver comprehensive Safe Routes to School programs to up to 19 pilot schools
- Create Arizona standards-aligned transportation, safety, health, and air quality curriculums, including a GIS-based mapping curriculum
- Develop student-friendly web-based program support and reporting tools
- Provide a regional purchasing program and central outreach for partnerships with health, business and community organizations and secure underwriting for student incentives & safety equipment for crossing guards
- Match parents with “schoolpools” to improve school traffic flow and air quality during peak hour drive times.

**Fulton Brock, Chairman, Maricopa County Board of Supervisors**  
301 W. Jefferson, 10<sup>th</sup> Floor, Phoenix, AZ 85003  
Phone: 602-506-1776  
FAX: 602-372-3471

Maricopa County – “Best Run County in America” – January 2002  
- Government Performance Project & Syracuse University

We urge you to fund the *Regional Safe Routes to School Support Center Project* as it will benefit over 12,000 Maricopa County elementary and middle school students, their families and community members who will have an opportunity to participate in developing safer routes to and from their schools and healthy and active lifestyles for all.

Sincerely,

A handwritten signature in black ink that reads "Fulton Brock". The signature is written in a cursive style with a large, looping initial "F".

Fulton Brock  
Chairman  
Maricopa County Board of Supervisors

Fulton Brock, Chairman, Maricopa County Board of Supervisors  
301 W. Jefferson, 10<sup>th</sup> Floor, Phoenix, AZ 85003  
Phone: 602-506-1776  
FAX: 602-372-3471

## Valley Metro Partnership letter - revised Draft – 8/2/07

August \_\_, 2007

Chairman Felipe Andres Zubia  
Arizona Department of Transportation  
Transportation Enhancement Review Committee  
205 South 17<sup>th</sup> Avenue, MD 609E  
Phoenix, Arizona 85007

RE: ***Regional Safe Routes to School Support Center Project***  
Transportation Enhancement Funding Application (Round XV- 2007)

Dear Chairman Zubia,

Valley Metro/Regional Public Transportation Authority (RPTA) is an active partner in the *Regional Safe Routes to School Support Center Project*. For over eighteen (18) years we have worked with Maricopa County on Trip Reduction, Rideshare and Clean Air Campaigns.

Valley Metro/RPTA will work with the *Regional Safe Routes to School Support Center Project* partners to:

- Build a “schoolpool” program into our existing Rideshare program to match parents with school carpools to improve school traffic flow and air quality during peak hours with funds provided by the County if their grant is approved,
- Provide Valley Metro educational outreach to the nineteen (19) pilot schools, and;
- Assist Maricopa County, through our contacts with major employers in our Air Quality Trip Reduction program, to develop a sponsorship program to encourage and reinforce students and their families in Safe Routes to School programs.
- Serve as fiscal agent and administrator for the grant should it be awarded

Valley Metro believes that, through the creative use of technology and partnerships, the *Regional Safe Routes to School Support Center Project* will make bicycling and walking to school a safer and more appealing transportation alternative. In addition, creating more rideshare, bicycling and walking options will have a positive effect on our air quality during critical peak hour drive-time windows.

We urge you to support the *Regional Safe Routes to School Support Center Project*, as the resulting products and programs will benefit all Arizona Safe Routes to School efforts.

Sincerely,

David A. Boggs  
Executive Director

# Regional Safe Routes to School Support Center Project Petition

We, the undersigned local governments, are partnering with Maricopa County and Valley Metro-RPTA to create a *Regional Safe Routes to School Support Center Project* to assist transportation and health professionals by providing curriculum and technological support to the Safe Routes to Schools programs for elementary and middle school students. Building on the foundation of previously funded Transportation Enhancement Projects in Phoenix, Pima County-Tucson, Glendale and Marin County, the *Regional Support Center Project* will partner with cities, towns, healthcare and safety organizations to: deliver comprehensive Safe Routes to School programs to the 15 pilot schools; create Arizona standards-aligned transportation, safety, health, and air quality curriculums, including a GIS-based mapping curriculum; develop student-friendly web-based program support and reporting tools; provide a regional purchasing program and "zero-based budget" central outreach for partnerships with health, business and community organizations and to secure underwriting for student incentives & safety equipment for crossing guards; and match parents with "schoolpools" to improve school traffic flow and air quality during peak hour drive times. Together, we can reach more residents within our budget constraints. By combining our efforts, we will maximize our impact and begin to turn around the alarming bicycle and pedestrian crash and fatality statistics in our cities and towns. As evidence of our commitment, we pledge to contribute to the local matching dollars needed to jump start these efforts.

**Please fund the *Regional Safe Routes to School Support Center Project* as it will benefit over 12,000 students & their families, helping them travel safer and live longer, healthier lives.**

City/Town	School	School District	School Address	Title 1 / 7	CD #	SD #	ADOT SRTS	Grades	Students	Jurisdiction Contact Info	Logo	Jurisdiction Signature & Title
Avondale	Rancho Santa Fe	Litchfield #79	2150 N. Rancho Santa Fe, Avondale 85323	Y-1	7	5	Y	Pre K - 6	750	Janeen Gaskins/Kelly LaRosa 623.333.1025/623.333.4229		Charlie McClendon, City Manager
Gilbert	Oak Tree	Gilbert # 41	505 W. Houston Gilbert 85233	Y-1	6	2	N	K-6	761	Tami Ryall/Ken Maruyama 480.503.6765/480.503.6756		Tami Ryall, Assistant Town Manager
Glendale	Arrowhead	Deer Valley # 97	7490 W. Union Hills Rd. Glendale 85308	Y-1	2	4	N	K-6	814	Paula Moloffi/Sandy Adams/ 623.930.2265/623.930.2032		Ed Beasley, City Manager
Maricopa County	Taft	Mesa #4	9800 E. Quarterline Rd. Mesa 85207	Y-1	6	2	Y	K-6	728	Peggy Rubach O-602.506.1630		Peggy Rubach, Multi-Modal Planner
Mesa	Smith JHS	Mesa #4	10100 E. Adobe, Mesa 85207	Y-1	6	2	N	7-9	1,430	Mitchell Foy/Jean DeStories 480.644.3556/480.644.3398		Mitchell Foy, Transportation Engineer
Peoria	Cotton Boll	Peoria #11	8540 W. Butler Ave. Peoria 85345	Y-1	2	4	Y	K-8	1,000	Brandon Forrey 623.773.7201		Brandon Forrey, Transportation Planning Engineer
Phoenix	Creighton	Creighton #14	2802 E. McDowell Rd. Phoenix 85008	Y-1	4	5	N	Pre K - 8	1,177	Kerry Wilcoxon/Don Cross 602.262.4613/602.534.2020		Kerry Wilcoxon, Traffic Engineer III
Phoenix	Crockett	Balsz #31	501 N. 36 <sup>th</sup> St. Phoenix 85008	Y-1	4	5	N	K-8	659	Kerry Wilcoxon/Don Cross 602.262.4613/602.534.2020		Kerry Wilcoxon, Traffic Engineer III
Phoenix	Longview	Osborn #8	1209 E. Indian School Rd. PHX 85014	Y-1	4	3	N	K-6	620	Kerry Wilcoxon/Don Cross 602.262.4613/602.534.2020		Kerry Wilcoxon, Traffic Engineer III
Phoenix	Madison Traditional	Madison #38	5525 N. 16 <sup>th</sup> St. Phoenix 85016	N-1	4	3	N	K-4	250	Kerry Wilcoxon/Don Cross 602.262.4613/602.534.2020		Kerry Wilcoxon, Traffic Engineer III
Phoenix	Maryland	Washington #6	6503 N. 31 <sup>st</sup> Ave Phoenix 85015	Y-7 Y-1	3	4	N	K-6	838	Kerry Wilcoxon/Don Cross 602.262.4613/602.534.2020		Kerry Wilcoxon, Traffic Engineer III
Phoenix	Shaw	Phoenix #1	123 N. 13 <sup>th</sup> St. Phoenix 85034	Y-1	4	5	N	Pre K - 6	540	Kerry Wilcoxon/Don Cross 602.262.4613/602.534.2020		Kerry Wilcoxon, Traffic Engineer III
Phoenix	Westwood	Alhambra #68	4711 N. 23 <sup>rd</sup> Ave. Phoenix 85015	Y-1	4	3	N	K-3	1,130	Kerry Wilcoxon/Don Cross 602.262.4613/602.534.2020		Kerry Wilcoxon, Traffic Engineer III
Scottsdale	Grayhawk	Paradise Valley #69	7525 E. Grayhawk Scottsdale 85255	N-1	5	2	N	K-6	859	Reed Kempton/Dawn Coomer 480.312.7630/480.312.7637		Reed Kempton, Transportation Planner
Tempe	Kyrene de la Mariposa	Kyrene #28	50 E. Knox Rd. Tempe 85284	N-1	5	1	N	K-5	550	Tanya Chavez/Amanda Nelson 480.858.2215/480.350.2707		Tanya Chavez, Community Outreach/Marketing Coordinator

N.B. Interest has been expressed in adding up to 4 tribal community schools to the Regional Safe Routes to School Support Center Project.

**Total Students to date: 12,106**

Chairman Felipe Andres Zubia  
 Arizona Department of Transportation  
 Transportation Enhancement Review Committee  
 205 South 17<sup>th</sup> Avenue, MD 609E  
 Phoenix, Arizona 85007

**RE: Maricopa County Regional Safe Routes to School Support Center Project**  
 Transportation Enhancement Funding Application (Round XV- 2007)

Dear Chairman Zubia,

We are pleased to submit this letter of commitment and support for the *Maricopa County Regional Safe Routes to School Support Center Project*. Establishing healthier living behaviors, preventing injuries through safer walking and bicycling practices and proactively addressing childhood obesity and diabetes issues are all goals and activities we enthusiastically support.

The missions of our organizations are aligned with the goals and activities of the *Maricopa County Regional Safe Routes to School Support Center Project*. Together, we can reach more students and families within our individual budget constraints. We believe that by combining the efforts of our healthcare, transportation, safety and air quality professionals and programs, we will maximize our impact on the serious health and safety challenges affecting our youth.

**We pledge to offer the pilot schools our proven programs and assistance. The estimated monetary value of our individual efforts is listed next to our organization signatures.**

By partnering with Maricopa County in this pilot project, we will be able to reach adults, as well as students, and will provide incentives for behavior changes that will affect families and extend far beyond the school environment. Once established, the benefits of the *Regional Safe Routes to School Support Center* can easily be expanded statewide to help all Arizona families lead safer and healthier lives.

We strongly urge you to support the *Maricopa County Regional Safe Routes to School Support Center Project* with 2007 Round XV Transportation Enhancement funding.



Signature: **Value** (In-Kind/Hard): \$ /\$ **Date:** 5/ /07  
 Tim Gibson, Senior Government Transportation Safety Specialist  
 3M Traffic Safety Systems



Signature: **Value** (In-Kind/Hard): Priceless **Date:** 5/ /07  
 Lucy Ranus, President, Arizona PTA



Signature: **Value** (In-Kind/Hard): \$ /\$ **Date:** 5/ /07  
 Phil Pomeroy, Vice President of Neurosciences, Barrow Neurological Institute/  
 St. Joseph's Hospital and Medical Center



Signature: **Value** (In-Kind/Hard): \$ /\$ **Date:** 5/ /07  
 Steve Ellis, Procurement Director, Maricopa Integrated Health System



Signature: **Value** (In-Kind/Hard): \$ /\$ **Date:** 5/ /07  
 Sally Moffat, Director, Community Outreach  
 Phoenix Children's Hospital

**Total Pledge Value: \$ / \$**

# The Regional Safe Routes to School Support Center Project Can Make A Difference!

**Pre - Safe Routes to School  
Traffic Flow Improvements**



**Pre - Safe Routes to School  
Jaywalking Routine**



**Before Safe Routes to School  
After School Activities**



**Post SRTS ~ Safe Crossing  
with School Crossing Guard  
(OK, it's a Crossing Mascot Today!)**



**After Safe Routes to School  
Creighton Kids Rock Stars**



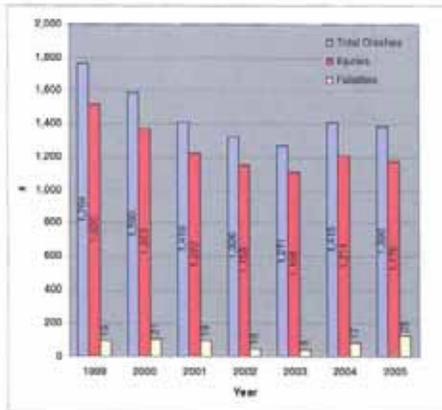
**After SRTS Traffic Changes  
Staging Makes A Huge Difference!**



# A Tragic Problem - Bicycle & Pedestrian Crashes

1,390 Pedestrian Crashes, 88 Killed  
1,099 Bicyclist Crashes, 25 Killed

Bicyclist Crash Trend 1999- 2005



Year	Total Crashes	Injury Crashes	Fatal Crashes	Injuries	Fatalities
1999	1,764	1,511	19	1,520	19
2000	1,590	1,364	21	1,373	21
2001	1,410	1,214	19	1,222	19
2002	1,306	1,148	10	1,153	10
2003	1,271	1,101	8	1,108	8
2004	1,415	1,204	17	1,211	17
2005	1,290	1,170	25	1,176	25

**GILBERT POLICE DEPARTMENT**  
MEDIA RELEASE

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TYPE OF INCIDENT: Bicyclists Struck in Collision  
 DATE AND TIME OF INCIDENT: January 26, 2007 at 8:14 a.m.  
 LOCATION OF INCIDENT: Houston Avenue and Oak Street

REPORT NUMBER: 0700001639  
 PUBLIC INFORMATION OFFICER: Sgt. Andrew Duncan  
 PIO CONTACT NUMBER: (602) 208-8319 pager  
 MEDIA WEB PAGE: [www.ci.gilbert.az.us/pdmedia](http://www.ci.gilbert.az.us/pdmedia)

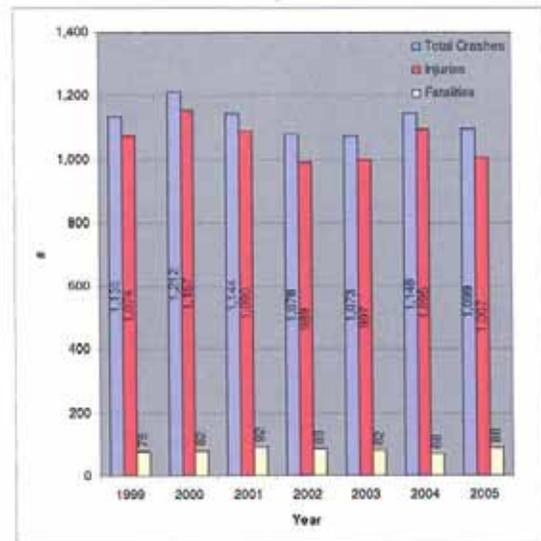
**SUMMARY OF INCIDENT:**

GILBERT, Ariz. – Two Gilbert boys were taken to Maricopa County Medical Center after they were struck by a vehicle Friday morning, January 26, 2007, at 8:14 a.m. at Houston Avenue and Oak Street. Dylan Sloan (8) and Joshua Valenzuela (10) were transported by helicopter for multiple injuries as a result of the collision. Chawla Punnet (22) of Gilbert was driving a passenger car eastbound on Houston when her vehicle struck the boys who were walking their bicycles in the bicycle lane. The boys were heading to Oak Tree Elementary where they attend school. The boys were walking their bicycles heading west in the eastbound lane. Chawla Punnet stopped and remained at the scene of the collision. Chawla Punnet had a small child in the back seat of her vehicle and neither were injured as a result of the collision. Witnesses at the scene reported that the vehicle drifted into the bicycle lane when it struck the boys. The collision occurred on Houston, west of Oak. There were no indications of driver impairment at the scene. The cause of the collision is under investigation.



**Bike helmet crushed, but head fine**  
...after his head was run over by a delivery truck

Pedestrian Crash Trend 1999- 2005

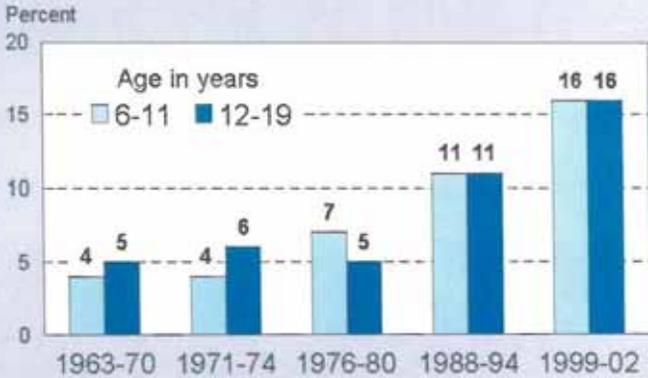


Year	Total Crashes	Injury Crashes	Fatal Crashes	Injuries	Fatalities
1999	1,135	1,014	78	1,074	78
2000	1,212	1,087	80	1,157	82
2001	1,144	1,015	82	1,090	92
2002	1,078	996	84	989	85
2003	1,073	995	82	997	82
2004	1,146	1,024	87	1,095	69
2005	1,099	956	87	1,007	88

# A Growing Problem – America’s Health Crisis

## Solving the Challenge – One Child at a Time

Figure 1. Prevalence of overweight among children and adolescents ages 6-19 years



NOTE: Excludes pregnant women starting with 1971-74. Pregnancy status not available for 1963-65 and 1986-70. Data for 1963-65 are for children 6-11 years of age, data for 1986-70 are for adolescents 12-17 years of age, not 12-19 years. SOURCE: CDC/NCHS, NHES and TANFES

Grade	Explanation
Kindergarten	<b>Handwashing</b> <i>Handwashing 120 seconds</i> Field/Fair teaches students the importance of handwashing and the proper method to wash their hands. (30 minutes)
Kindergarten	<b>Vegetable Soup</b> The Vegetable Soup lesson introduces students to the importance of eating 5 servings of fruits and vegetables daily for better health through the story <i>Learning Vegetable Soup</i> (30 minutes)
1st grade	<b>I Still Have Not Lost Fat a Minute!</b> Based on Lauren Child's book this story requires children to write paragraphs and perhaps try something new by using their imaginations. Students have an opportunity to sample a fruit or vegetable that they may have never tried. (30 minutes)
2nd grade	<b>Mealtime, Mealtime, Eat!</b> This lesson introduces students to the USDA's new nutritional eating guide, MyPlate. Students will learn how colorful colored beads inside the pyramid represent the different food groups needed for good health. (45 minutes)
2nd grade	<b>Fruit and Vegetable for Better Health!</b> This is a 3 lesson series or can be condensed into a 1 day class. Fruit and vegetable for better health teaches students the importance of eating fruits and vegetables daily to prevent disease later in life. Students have the opportunity of preparing a fruit and vegetable snack. (60 minutes each)
2nd grade	<b>Get Moving!</b> This lesson provides students with an opportunity to get up and get moving. Various physical activities are done in the classroom to stress the importance of physical activity. (60 minutes)
2nd grade	<b>Building a Good Diet!</b> This is a 3 lesson series. Building better better teaches students the importance of high calcium, low-fat foods along with physical activity for proper bone growth and to prevent osteoporosis later in life. (60 minutes each)
3rd grade	<b>Food Line Drive!</b> This class compares popular drinks that students are consuming with healthier choices. Students will see how many popular drinks are lacking the vitamins and minerals needed for proper growth and development. The students will have an opportunity to participate in a taste test of so easy to make fruit smoothies. (60 minutes)
7th grade	<b>Healthy Choices for a Healthier Weight!</b> In this class we discuss different types of body shapes and sizes that we all come in different shapes and sizes. An emphasis of this class is that we cannot always look like the supermodels or body builders. Students will recognize and comprehend <i>Bodybuilding</i> as a tool for beautiful eating. (60 minutes)
8th grade	<b>Let's Eat, Let's Eat!</b> We know that fast food is a way of life, especially for teenagers. In our Life in the Fast Food Lane program we teach teenagers how they can eat nutritious foods when going to fast food restaurants. We stress the importance of low-fat foods. (60 minutes)
Parents	Available upon request.



Increase Activity Levels = Burn More Calories

### More Health Risks For Children

- ◆ Sharp increase in cases of type 2 diabetes
- ◆ Asthma rates have increased 160% in the past 15 years

CDC - 2000

### Teach Healthier Food Choices

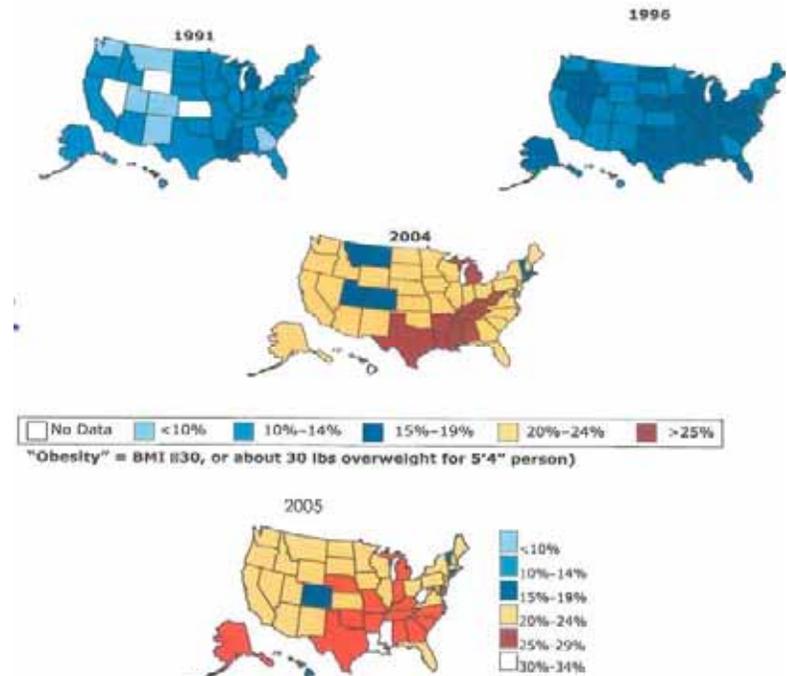


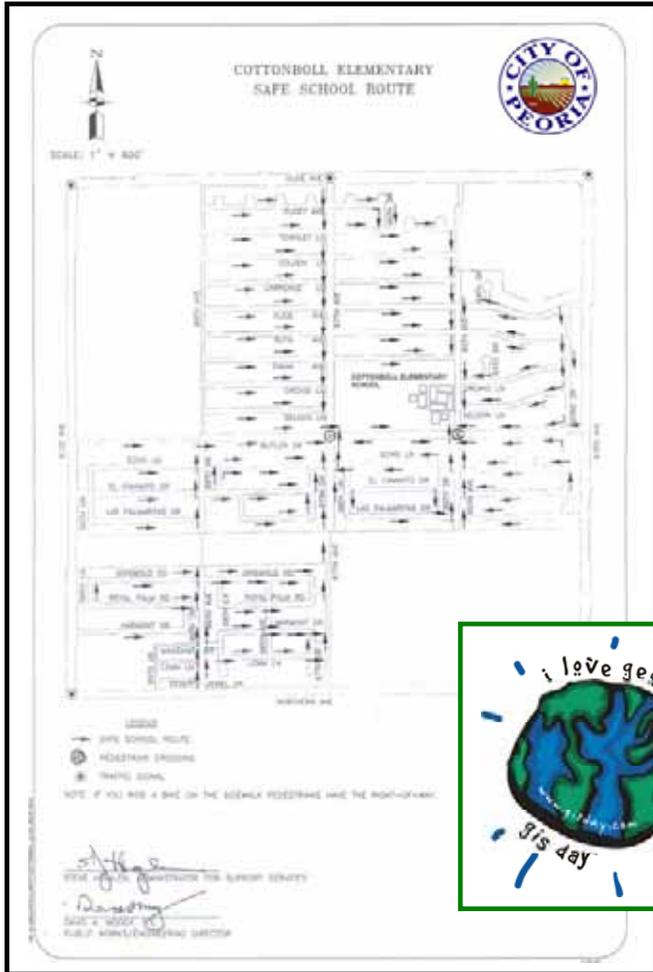
Figure 3-1

...and it's not only the children with a weight problem!

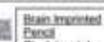
**The Regional Safe Routes to School Support Center Project**  
*...Healthier Lifestyles, Safer Communities and a Cleaner Environment*



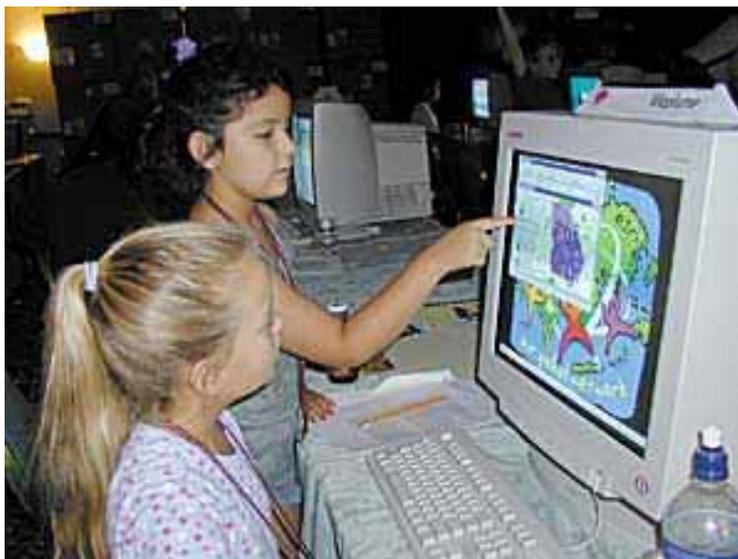
# The Regional Safe Routes to School Support Center Project ...Reaching Out through Technology and Partnerships



**From Pedometers to Pencils,  
Brains to Backpacks  
Encourage and Reward Students**

 Traffic Signal \$450 Each	 Incandescent Pedestrian Signal \$370 Each	 Pedometer \$2.39 per	 Brain Yo-Yo (1 color imprint / 2 colors) 5,000: \$1.15@ 10,000: \$1.40@ \$50 Set-up
 Safety Vest \$4 Each - Lime Green with Low Intensity Reflective Gray Tape	 Backpack \$50-\$80 Each Assorted colors	 Star Wrist \$1.40 Each Plus \$40 Set-up Temporary Tattoos \$3.72 Each "Helmet Your Head" Tattoos \$3.50 Each	 Brain Imprinted Pencil 1 color imprint (on left) 5,000: \$1.17@ 10,000: \$1.13@ \$45 Set-up No insert: 5,000: \$1.01@ 10,000: \$0.96@ \$45 Set-up
 Pencil Top Eraser 5,000: \$2.14@ 10,000: \$1.99@	 Brain Squeeze Toy 5,000: \$1.50@ 10,000: \$1.05@ \$30.00 Set-up	 Brain Imprinted Pencil Block imprint 5,000: \$2.55@ 10,000: \$2.45@	<b>OTHER ITEMS THAT CAN BE ORDERED:</b> Disk Erasers: \$0.85 Each \$40 Set-up Blister Sockets: \$0.85 Each \$40 Set-up Wool Wrist (reflective): \$4.50 Each \$45 Set-up 2" Reflective Arm Band w/wocket: \$2.25 Each \$45 Set-up 2" Reflective Arm Band w/wocket: \$2.65 Each \$45 Set-up Star Zipper Pencil reflector: \$1.95 Each \$45 Set-up Glued Dots (reflective): \$1.25 Each \$45 Set-up
 Glitz Pencil \$2.1 Each Plus \$20 / logo Set-up			

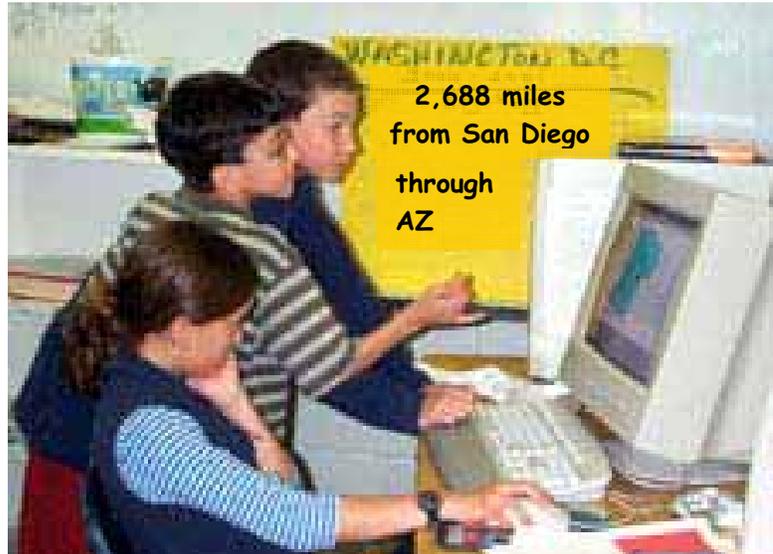
Move from Engineer/Consultant Maps to Students Learning GIS and making their own colorful Safe Routes to School maps, plus multi-modal maps to the Mall, parks or to the homes of friends and family!



The Regional Safe Routes to School Support Center Project will provide our partners with a regional purchasing program and central outreach for partnerships with health, business and community organizations and to secure underwriting for student incentives and safety equipment for school crossing guards

# The Regional Safe Routes to School Support Center Project ...Computers Track Miles & Encourage Student Participation

**WALK & BIKE  
ACROSS AMERICA**



Start:  
San Diego, CA US

End:  
Washington, DC US

**Missoula, Montana challenges the 4<sup>th</sup> & 5<sup>th</sup> grade students in our Arizona cities and towns to Walk/Run & Bike Across America ...Can we do it?**

Run/Walk Across America 2005-2006 - Russell Elementary School - Missoula, Montana, United States -... Page 1 of 2

**SeeUsRun.com - A Run/Walk Across America**

Where Are They? The Students Are Continuing Their Journey Across The United States! [Click Here For Their Current Location.](#)

You're an Inspiration & I hope you'll continue physical activity long past this year! - Katrina Mullen, OH

This is the official web site of the Run/Walk Across America by 4th and 5th grade students during the 2005-2006 Academic Year

Home | About | Route | Journal | Pictures | Facts/Fun | For Teachers | [You Can Help](#) | Paul's Run | Media | Encourage | Contact

## ***Regional Safe Routes to School Support Center Project*** **Ten Reasons to Fund this Project**

**By funding the *Project*, the *Project Partners*, and, eventually, programs statewide, will be able to:**

1. Measure and Track their Safe Routes to School, Healthcare, Physical Activity or Safety Education Programs' effectiveness and progress over time
2. Do something about the "Brown Cloud"! Help address school safety, traffic congestion and air pollution by developing and promoting "schoolpools"
3. Stretch their Promotional dollars by utilizing the *Regional Safe Routes to School Support Center Project's* high-volume master buying contracts, and eventually reduce or eliminate their promotional and incentive item costs through the *Project's* sponsorship program
4. Develop, Test and Refine New Programs in 15 Pilot Schools
5. Align newly developed and existing transportation safety, air quality and health programs with Arizona curriculum standards
6. Simplify their programmatic tracking through creative, kid-friendly web-based reporting programs
7. Utilize the developed curriculums in their other school or outreach programs
8. Institutionalize curriculums in schools, potentially lessening their future outreach staffing requirements
9. Save staff and travel time through creative use of internet and community partnerships
10. Benefit from the synergistic effects of a comprehensive education and encouragement program, including multi-modal transportation safety and travel choices, air quality, nutrition, healthy living choices and physical activity; all combining to produce positive long-term behavioral changes in students and their families

**TWO YEARS - STIPEND & CONSULTANT SERVICES - Total - \$197,777**

*Deliver comprehensive Safe Routes to School programs to the 15 pilot schools (.25 FTE)*

Traffic Safety Analysis & Bicycle/Pedestrian Project Identification – In-Kind by local jurisdiction partners if not already done

Program Delivery – In-Kind from Project Partners

Site Coordination - \$1,000 annual stipend per site x 2 years = \$30,000

*Create Arizona standards-aligned health, air quality, transportation and safety curriculums (.10 FTE)*

Develop and Align New Educational Programs – including materials

- GIS-based mapping curriculum - \$30,000 first year, \$15,000 second year
- Light Rail Safety - \$20,000
- Walking School Bus/Rec Center – 2 sites - \$25,000

Improve and Align Existing Educational Programs, including materials - \$35,000

- Transit Safety & Travel Choice
- Air Quality
- Bicycle Safety
- Pedestrian Safety
- Health & Nutrition (if not already aligned)

Accessibility Adjustments - ADA and Language/Ethnicity -\$10,000

*Develop student-friendly web-based program support & reporting tools (.10 FTE)*

Improve existing software for application - \$7,777

*Match parents with school carpools – “schoolpools” to improve school traffic flow and air quality during peak hours (.10 FTE)*

Upgrade and Rideshare Programs - \$10,000

Market schoolpool program – PSAs and materials - \$15,000

*Provide a regional purchasing program and “zero-based budget” central outreach for partnerships with health, business and community organizations and to secure underwriting for student incentives & safety equipment for crossing guards (.25 FTE)*

**TWO YEARS - ADMINISTRATIVE & OVERHEAD – Total - \$230,500**

FTE at 0.8 x \$77,000 Project Manager x 184% Overhead = \$113,500 (Year 1) + \$117,000 (Year 2) = \$ 230,500 – estimated to be split between programs & projects (as listed above in Red)

**Total Project Cost: \$431,277** (includes \$3,000 ADOT Review Fees)

**Federal Funds Request: \$399,777**

Hard Cash Match - from Project Partners – \$28,500 (\$24,412 - 5.7% minimum) Cities, towns and community partners to contribute matching monies

## Regional Safe Routes to School Support Center Project

### Estimated Project Costs

**INSTRUCTIONS:** List all items necessary to develop and construct your project. The applicant is responsible for verifying all costs and their accuracy. Construction cost overruns will be the responsibility of the sponsoring agency.

**Enter values into GREEN CELLS.**

The program will automatically calculate the Totals and Federal Share at 94.3%

**LOCAL PROJECTS:** Please note that the Stage I Costs shown below are to be funded by the sponsoring agency and are not eligible for Federal Reimbursement.

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
<b>STAGE 1 – SCOPING (15% Preliminary Design)</b>						
<b>SCOPING COSTS</b>						
Costs cannot be applied toward the federal participation or local match						
SITE TOPOGRAPHIC SURVEY (2%-5% of constr. cost) <i>(Enter \$0 in Unit Price column if none required)</i>	LS	1		\$0.00	NO ENTRY	
SCOPING DOCUMENT (Scoping Letter, Project Assessment or DCR)	LS	1		\$0.00		
ENVIRONMENTAL DETERMINATION (Including technical supporting documents)	LS	1		\$0.00		
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		\$0.00		
<b>SUBTOTAL – PROJECT SCOPING COSTS</b>				\$ -		
<b>STAGES II, III, IV - DESIGN</b> (30%, 60%, 95%-100% Design)						
<b>DESIGN COSTS</b>						
Note: The use of federal funds for design is optional and subject to authorization. Design should not go beyond Stage II (30%) without environmental approval.						
PS&E's - Plans, Special Provisions, Cost Estimates & Schedules (10%-20% of construction cost.) (Shall be refunded if project is not constructed)	LS	1		\$0.00	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		\$0.00		
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		\$0.00		
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		\$0.00		
<b>SUBTOTAL – PROJECT DESIGN COSTS</b>				\$ -		
Federal Funds for design are calculated at 94.3% of the total design cost. If requesting less than 94.3% Federal Funds for design, enter new total or 0 in the Federal column.				\$ -	\$0	\$0

## Regional Safe Routes to School Support Center Project

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
<b>STAGE V – CONSTRUCTION</b>						
<b>SITE ACQUISITION &amp; HARDSCAPE CONSTRUCTION</b>						
RIGHT-OF-WAY ACQUISITION (if necessary)	LS	1		\$0.00	\$0.00	\$0.00
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, 5% of constr. costs) <i>Enter \$0 in Unit Price column if area of disturbance is less than one acre.</i>	LS	1		\$0.00	\$0.00	\$0.00
SITE PREPARATION (Clearing and grubbing, plant salvage)	LS	1		\$0.00	\$0.00	\$0.00
<b>DEMOLITION</b>						
Sawcut	LF			\$0.00	\$0.00	\$0.00
Remove Structures and Obstructions	LS	1		\$0.00	\$0.00	\$0.00
Remove Fencing	LF			\$0.00	\$0.00	\$0.00
Remove Structural Concrete				\$0.00	\$0.00	\$0.00
Remove Asphaltic Concrete Pavement	CY			\$0.00	\$0.00	\$0.00
Remove Concrete Sidewalks, Slabs				\$0.00	\$0.00	\$0.00
HAZARDOUS MATERIALS ABATEMENT (If applicable; include heavy metals & asbestos; 5% of construction cost) <i>Enter \$0 in Unit Price column if none required.</i>	LS	1		\$0.00	\$0.00	\$0.00
UTILITY RELOCATION (If necessary) Only the cost of utilities needing relocation as a direct result of the enhancement project are eligible for federal reimbursement. Because of the costs involved, the undergrounding of overhead utilities is not eligible	LS	1		\$0.00	\$0.00	\$0.00
RETAINING WALL (Concrete; SF of face above the footing)	SFF			\$0.00	\$0.00	\$0.00
<b>EARTHWORK</b>						
General Excavation				\$0.00	\$0.00	\$0.00
Drainage Excavation				\$0.00	\$0.00	\$0.00
Structural Excavation	CY			\$0.00	\$0.00	\$0.00
Structural Backfill				\$0.00	\$0.00	\$0.00
Borrow (In Place)				\$0.00	\$0.00	\$0.00
CURB & GUTTER	LF			\$0.00	\$0.00	\$0.00
AGGREGATE BASE	CY			\$0.00	\$0.00	\$0.00
<b>PATHWAY OR SIDEWALK MATERIALS</b>						
Concrete				\$0.00	\$0.00	\$0.00
Colored Concrete				\$0.00	\$0.00	\$0.00
Stamped Color Concrete	SF			\$0.00	\$0.00	\$0.00
Precast Concrete Pavers				\$0.00	\$0.00	\$0.00
Asphaltic Concrete	Ton			\$0.00	\$0.00	\$0.00
Polymer or Resin Stabilized Surface	SF			\$0.00	\$0.00	\$0.00
<b>CROSSWALK ENHANCEMENT</b>						
Concrete Pavers				\$0.00	\$0.00	\$0.00
Stamped Asphalt				\$0.00	\$0.00	\$0.00
Stamped Concrete	SF			\$0.00	\$0.00	\$0.00
Concrete				\$0.00	\$0.00	\$0.00
Integral Color Concrete				\$0.00	\$0.00	\$0.00
PEDESTRIAN ADA RAMP	SF			\$0.00	\$0.00	\$0.00

## Regional Safe Routes to School Support Center Project

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
CULVERT EXTENSIONS	LF			\$0.00	\$0.00	\$0.00
PEDESTRIAN LIGHTING (Includes conduit and trenching) Street lighting is not eligible for federal reimbursement.	Each			\$0.00	\$0.00	\$0.00
HANDRAIL						
Standard	LF			\$0.00	\$0.00	\$0.00
Decorative				\$0.00	\$0.00	\$0.00
<b>SUBTOTAL - SITE ACQUISITION &amp; HARDSCAPE CONSTRUCTION</b>				\$ -	\$0	\$0
<b>LANDSCAPING &amp; IRRIGATION ITEMS</b>						
TREES (Above 15 gallon in size as required per local code or special design requirements)	Each			\$0.00	\$0.00	\$0.00
TREES (15 GALLON SIZE)	Each			\$0.00	\$0.00	\$0.00
TREES (5 GALLON SIZE)	Each			\$0.00	\$0.00	\$0.00
SHRUBS (5 GALLON SIZE)	Each			\$0.00	\$0.00	\$0.00
SHRUBS (1 GALLON SIZE)	Each			\$0.00	\$0.00	\$0.00
CACTUS (5 GALLON SIZE)	Each			\$0.00	\$0.00	\$0.00
MULCH						
Decomposed Granite	CY			\$0.00	\$0.00	\$0.00
Organic				\$0.00	\$0.00	\$0.00
TOPSOIL	CY			\$0.00	\$0.00	\$0.00
SEEDING	Acre			\$0.00	\$0.00	\$0.00
TURF SOD	SY			\$0.00	\$0.00	\$0.00
BOULDERS	Each			\$0.00	\$0.00	\$0.00
IRRIGATION SYSTEM						
Drip	SF			\$0.00	\$0.00	\$0.00
Turf				\$0.00	\$0.00	\$0.00
SLEEVING FOR IRRIGATION SYSTEM						
Directional Bore	LF			\$0.00	\$0.00	\$0.00
Cut and Patch				\$0.00	\$0.00	\$0.00
LANDSCAPE HEADER CURB	LF			\$0.00	\$0.00	\$0.00
LANDSCAPE ESTABLISHMENT (Typically 4.5% of the cost of landscaping)	LS			\$0.00	\$0.00	\$0.00
<b>SUBTOTAL – LANDSCAPING &amp; IRRIGATION ITEMS</b>				\$ -	\$0	\$0
<b>SITE FURNISHINGS</b>						
BENCHES	Each			\$0.00	\$0.00	\$0.00
SEATWALLS	LF			\$0.00	\$0.00	\$0.00
BIKE RACKS	Each			\$0.00	\$0.00	\$0.00
TRASH RECEPTACLES	Each			\$0.00	\$0.00	\$0.00
DRINKING FOUNTAINS	Each			\$0.00	\$0.00	\$0.00
SIGNAGE (Standard Traffic Control)	Each			\$0.00	\$0.00	\$0.00
TREE GRATES	Each			\$0.00	\$0.00	\$0.00
<b>SUBTOTAL – SITE FURNISHINGS</b>				\$ -	\$0	\$0

## Regional Safe Routes to School Support Center Project

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
<b>OTHER CONSTRUCTION ITEMS</b> (List line items) - See Appendix Page 19 for more details						
Deliver enhanced Safe Routes to School programs to 15-19 pilot schools				\$102,031.25	\$96,215.47	\$5,815.78
Develop New Curriculums & Align to AZ standards				\$104,406.25	\$98,455.09	\$5,951.16
Improve & AZ Align Existing Educational Programs				\$59,406.25	\$56,020.09	\$3,386.16
Develop web-based program & reporting support				\$36,589.50	\$34,503.90	\$2,085.60
Match parents with "schoolpools"				\$53,812.50	\$50,745.19	\$3,067.31
Provide Regional Purchasing and Partnership Outreach				\$72,031.25	\$67,925.47	\$4,105.78
					\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
<b>SUBTOTAL - OTHER CONSTRUCTION LINE ITEMS</b>				<b>\$ 428,277</b>	<b>\$403,865</b>	<b>\$24,412</b>
<b>MOBILIZATION AND ADMINISTRATION COSTS</b>						
CONTRACTOR MOBILIZATION (Typically 8% of construction cost)	LS	1		\$0.00	\$0.00	\$0.00
TRAFFIC CONTROL (0-8% of construction cost)	LS	1		\$0.00	\$0.00	\$0.00
CONSTRUCTION SURVEY & LAYOUT (Typically 1% of construction cost)	LS	1		\$0.00	\$0.00	\$0.00
CONSTRUCTION CONTINGENCIES (Typically 5% of construction cost)	LS	1		\$0.00	\$0.00	\$0.00
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	LS	1		\$0.00	\$0.00	\$0.00
<b>SUBTOTAL – MOBILIZATION &amp; ADMINISTRATION COSTS</b>				<b>\$ -</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TOTAL STAGE V COSTS (CONSTRUCTION)</b> (Enter this amount in Box A below.)				<b>\$ 428,277</b>	<b>\$403,865.21</b>	<b>\$24,411.79</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)	LS	1	\$3,000.00	\$3,000.00	<b>NO ENTRY</b>	
<b>TOTAL PROJECT COST</b> (All subtotals + ADOT review fee)				<b>\$ 431,277</b>	<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>					<b>BOX A</b>	<b>\$ 428,277</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>TOTAL FEDERAL FUNDS CAPPED @ 94.3%</b> (.943 x amount shown in Box A above).					<b>BOX B</b>	<b>\$ 403,865</b>
Note: For local projects, the maximum federal funds that can be requested is \$500,000 (\$1,000,000 for state projects).						
<b>TOTAL SPONSOR MATCHING FUNDS</b> (.057 x cost shown in Box A above).					<b>BOX C</b>	<b>\$ 24,412</b>
Note: The maximum amount that should be shown on this line is \$30,223 for local projects (\$60,445 for state projects).						
<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>	<b>\$ 4,088</b>
<b>TOTAL SPONSOR FUNDS</b> (Sum of Box C and Box D).					<b>BOX E</b>	<b>\$ 28,500</b>