



STBG: Transportation Alternatives  
non-infrastructure Application for  
FFY 2023 & 2024 Study(ies) Projects

**Citywide Suggested Route to School Walking Map Updates**

**Peoria**

**APPLICATIONS ARE DUE VIA E-MAIL TO [srts@azmag.gov](mailto:srts@azmag.gov) BY  
10:00 a.m. Thursday, October 1, 2020**

Citywide Suggested Route to School Walking Map Updates Sponsored by Peoria

**PART A - MAG MEMBER AND LOCAL AGENCY CONTACT INFORMATION**

**1. MAG Member Agency Contact Information (applicant):**

Select the Local Agency Name from the drop down box below. Once the agency name is selected, the other contact information will automatically populated. Please contact Margaret Herrera at MAG if the contact information generated is incorrect. Manually type in your Mailing Address in the last field at the bottom of Section 1 below. (See the note at the bottom)

MAG Member Agency	Peoria
Contact Name	Brandon Forrey
Phone Number	(623) 773-7201
E-Mail Address	Brandon.Forrey@peoriaaz.gov
Mailing Address	9875 N. 85th Avenue, Peoria, AZ 85345

**2. Local Agency Contact Information (Joint Application):**

**Applications that include Studies for one or more schools located either in part or entirely in another jurisdiction must be endorsed by that local agency. Please select the Endorsing Local Agency below and obtain their signature(s) to complete Part F.** Please select up to three (3) Local Agency (endorsing agency) name(s) by selecting from the drop down box provided next to "Local Agency". Once the Local Agency is selected, the appropriate contact information *will automatically populate* for you based on your selection. (See Note below)

Local Agency Contact #1	Local Agency:	Peoria
	Contact Name:	Brandon Forrey
	Phone Number:	(623) 773-7201
	E-mail Address:	Brandon.Forrey@peoriaaz.gov
Local Agency Contact #2	Local Agency:	
	Contact Name:	
	Phone Number:	
	E-mail Address:	
Local Agency Contact #3	Local Agency:	
	Contact Name:	
	Phone Number:	
	E-mail Address:	

**Note: Applications for SRTS Studies can include more than one school. A joint application for schools located in multiple jurisdictions are acceptable only if endorsements are provided from all MAG local agencies where the schools are located.**

**PART B - PROJECT INFORMATION**

**1. Project Development Determination:**

**Does the school(s) or school district(s) have policies that prohibit students from biking or walking to school, or that mandate busing? If the answer to this question is "YES" and a process to change these policies cannot be completed prior to November 7, 2019, this project cannot qualify for funding through the MAG STBG: Transportation Alternatives Non-infrastructure SRTS program.**

YES  NO

If "Yes", please explain any plans currently underway to change these policies, including a timeline and deadline for achieving this:

N/A

**2. Project Programming Timeframe:**

Are you applying for a multi-year project?  YES  NO

If yes, check the appropriate boxes for each year of this funding request:  FFY2023  FFY2024

**3. Project Scope:** The main deliverable of a SRTS study will be production of walking/biking route to school maps. Please indicate the range of scope proposed for the project using the drop down box provided. (Choose One)

New Study & Maps  Update Study & Maps  \*NEW\* Data  Walk/Bike Maps ONLY

**4. School Profile(s):** (Maximum Evaluation Points: 5) Type in school name and use drop down boxes provided for the other information to the right of the school name. If you indicated "Walk/Bike Maps ONLY" in Section 2 above and more than four (4) schools will be included, "unhide" rows 33-86.

Please provide the school name(s):	Title 1? (Yes/No)	# of Students Enrolled	Estimated # Currently Walking/Biking	*Public or Non-Profit (Yes/No)
Alta Loma Elementary	Yes	811	300	Yes
Apache Elementary	No	678	250	Yes
Cheyenne Elementary	Yes	700	250	Yes
Cotton Boll Elementary	Yes	899	250	Yes
Country Meadows Elementary	Yes	1150	350	Yes
Coyote Hills Elementary	No	857	250	Yes
Desert Harbor Elementary	No	763	250	Yes
Frontier Elementary	No	1027	300	Yes
Ira Murphy Elementary	Yes	503	200	Yes
Lake Pleasant Elementary	No	975	330	Yes
Oakwood Elementary	No	1001	350	Yes
Oasis Elementary	No	750	300	Yes
Parkridge Elementary	No	995	250	Yes
Paseo Verde Elementary	No	820	250	Yes
Peoria Elementary	Yes	518	300	Yes
Santa Fe Elementary	Yes	705	100	Yes
Sky View Elementary	Yes	523	200	Yes
Sun Dance Elementary	Yes	595	350	Yes
Sun Valley Elementary	Yes	954	200	Yes
Sunset Heights Elementary	No	1031	300	Yes
Vistancia Elementary	No	1200	300	Yes
Zuni Hills Elementary	No	980	250	Yes
Terramar Elementary	No	1002	250	Yes
Westwing Elementary	No	1042	300	Yes

\*Is this a public or other school funded through a nonprofit organization? (Yes/No) - if "Yes" see Part D, Required Attachments for charter and other non-public schools that are not for profit. If "No", proposed projects at this school are not eligible for funding through the MAG STBG: Transportation Alternatives Non-infrastructure SRTS program.

**5. Five E's:** (Maximum Evaluation Points: 20)

**a. New and Updated SRTS Studies:** All approved studies will be administered through MAG On-call consultant contracts. The scope will incorporate and address the Five E's: Engineering, Enforcement, Education, Encouragement and Evaluation. Please acknowledge, by entering your initials below, that you have downloaded and reviewed the template SRTS study scope of work and are aware of the time and effort required by agency staff, school and district administration. Proceed to Part B Section 6.

Enter Initial Here:

**b. Walk/Bike Maps and Data Collection ONLY Applications:** As part of implementing existing SRTS programs, data collection may be necessary and walking/biking route maps may need to be periodically updated. An application for walking/biking routes maps or data collection ONLY projects should demonstrate the existing efforts that incorporate the Five E's. Please indicate "Yes" or "No" next to each 'E' that is included in your existing program and provide a brief two line description of how the existing program being implemented incorporates the associated 'E' in the space provided to the right.

<b>Engineering</b>	Yes	Every public school in Peoria has been reviewed to minimize conflicts between walking students and motor vehicles. Peoria invests funds for improvements such as widened sidewalks, or bulb-outs to reduce crossing distances and increase visibility to students crossing the street at many schools.
<b>Enforcement</b>	Yes	The Peoria Police Department heavily enforces speed limits and 15 mph School Crossings. Peoria has one of the highest fines for violations of the 15 mph speed limit in a school zone, in excess of \$800.
<b>Education</b>	Yes	Education is provided through a multi-pronged approach, starting with the education of schools' crossing guards through MAG training. Parents are educated by police rather than writing citations in most cases.
<b>Encouragement</b>	Yes	Encouragement is handled within each respective school. Traffic Engineering staff provides additional support, as necessary.
<b>Evaluation</b>	Yes	Traffic Engineering staff will utilize our existing maps to ensure that our updated effort includes original data. We will provide constant communication with each school to determine if additional updates or modifications are needed.

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**PART B - PROJECT INFORMATION (CONT'D)**

**6. Stakeholder Identification:** (Maximum Evaluation Points: 25) Implementation of successful SRTS projects require that a team of individuals who have a stake in the safety and health of school children to participate collectively to carryout strategies of a comprehensive SRTS framework. Please select "X" from the drop down box provided next to each type of stakeholder identified or already participating in existing programs. Points will be given for how many types of stakeholders are identified or already participating in addition to the local agency and school staff already identified in this application.

Parents  Crossing Guards  Businesses  Elected Officials  Community Groups

**7. Safety Criteria:** (Maximum Evaluation Points 50) Applications must demonstrate the proposed projects potential of addressing the safety of children walking and biking to school; or estimated exposure and conflict. Exposure will be expressed as the maximum school crossing volume and conflict will be demonstrated through a comparison of the crossing volume, estimated vehicle volume and posted speed. If you are completing this application for more than one school, you will enter information for the ONE location where the most amount of children cross.

**a.** What are the problems your project will address? List only your problems, NOT your solutions. (400 characters or less)

Peoria has suggested route to school walking maps for all 24 public elementary schools, but staff workload and expanding duties have prevented these maps from being updated for several years. The aesthetic and format of the maps is outdated. A review of internet access to these maps is low, indicating visitors to the City's website may not have found the maps useful in their current format.

**b.** Select the number of lanes in each direction and posted speed from the drop down boxes provided. The estimated vehicle volumes/hr (based on HCM method for number of lanes in an Urban conditions) will automatically populate. Type in the estimated number of walk/bike crossings at the location most crossed at the peak period (am or pm whichever is greater).

Number of Lanes (directional)	<input type="text" value="4"/>			
1 Estimated veh/hr	<input type="text" value="3160"/>	→ Exposure	→	Conflict
2 # of ped/bike Crossings	<input type="text" value="150"/>			
3 Posted Speed	<input type="text" value="25"/>			

**c.** Insert a map of the location described in Section 7b below. **Label** the school walking/biking boundary, school name and location, street names and the crossing location. Include a north arrow and insert the numbers from 7b.1-3 above for a visual demonstration of the information provided for the maximum crossing location.



**PART C - NON-INFRASTRUCTURE SAFE ROUTES TO SCHOOL STUDIES COST ESTIMATE FORM**

<b>Sponsoring Agency:</b>	Peoria	<b>Project Title:</b>	Citywide Suggested Route to School Walking Map Updates
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**Project Programming Year: FY2023**

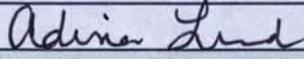
Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Other	Note(s)
Example: New or Updated SRTS Study (estimate \$41,600 per school)	EA		\$ 41,600.00	\$0	Yes	\$ -	\$ -		
Example: Update walking/biking route maps and/or assess conditions of school crossing striping and signing per school	EA	24	\$ 6,000.00	\$144,000	Yes	\$ 135,792.00	\$ 8,208.00		
Data Collection per school (e.g. student and parent surveys, development of evaluation tools, etc.)	EA		\$ 8,000.00	\$0	Yes	\$ -	\$ -		
Data Collection ( e.g. pedestrian and bicyclist counts per location)	EA	72	\$ 300.00	\$21,600	Yes	\$ 20,368.80	\$ 1,231.20		
Example: Educational Materials, Equipment, etc. (These items should be in a separate Support Activity application.)			\$ -	\$0	n/a	\$ -	\$ -		
<b>Total Project Costs FY2023</b>				<b>\$165,600</b>		<b>\$ 156,160.80</b>	<b>\$ 9,439.20</b>	<b>\$ -</b>	

**Project Programming Year: FY2024**

Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Other	Note(s)
Example: New or Updated SRTS Study (estimate \$41,600 per school)	EA		\$41,600.00	\$ -	Yes	\$ -	\$ -		
Example: Update walking/biking route maps and/or assess conditions of school crossing striping and signing per school	EA		\$6,000.00	\$ -	Yes	\$ -	\$ -		
Data Collection per school (e.g. student and parent surveys, development of evaluation tools, etc.)	EA		\$8,000.00	\$ -	Yes	\$ -	\$ -		
Data Collection ( e.g. pedestrian and bicyclist counts per location)	EA		\$300.00	\$ -	Yes	\$ -	\$ -		
Example: Educational Materials, Equipment, etc. (These items should be in a separate Support Activity application.)			\$0.00	\$ -	n/a	\$ -	\$ -		
<b>Total Project Cost FY2024</b>				<b>\$ -</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

**PART D - SIGNATURE(S):**

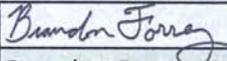
**As the MAG member agency's official, I hereby certify that this application is accurate and complete, and that the project will be included in the MAG member agency's local budget if the program is selected for federal funding.**

Signature:	
Name:	Adina Lund, PE
Title:	Development and Engineering Director
Date:	9/29/2020

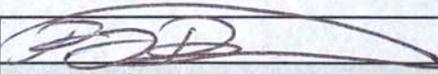
**Note: All below signatures indicate an agreement in principle and a partnership on this project between the MAG member agency and the signing organizations. Endorsing Local Agency signature is only required if this applications includes schools in two jurisdictions.**

**Endorsing Local Agency Contact Signature (required):**

Signature of contact(s) listed in Section 2 in Part A. Unhide rows 16-30 for more than one Endorsing Local Agency signatures and 37-56 for more than one School Official (up to five).

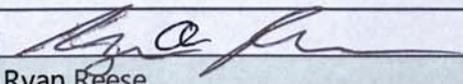
Signature:	
Name:	Brandon Forrey, PE
Title:	Assistant City Traffic Engineer
Organization:	City of Peoria
Date:	9/29/2020

**School Site Official (required):**

Signature:	
Name:	Becky Burhow
Title:	Principal
Organization:	Peoria Unified School District
Date:	9/29/2020

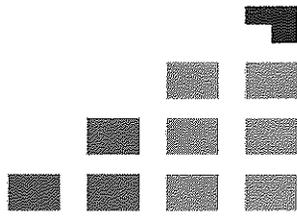
Signature:

**School District Administration:**

Signature:	
Name:	Ryan Reese
Title:	District Facilities Supervisor
Organization:	Peoria Unified School District
Date:	9/29/2020

## Part E: Attachments

Letters of Support (required)  
501 c (3) Documentation (If applicable)



# PEORIA

UNIFIED SCHOOL DISTRICT

October 5<sup>th</sup>, 2020

To: Randy Proch

City of Peoria Transportation Planner

From: Ryan A. Reese

Supervisor of District Facilities Peoria Unified School District #11

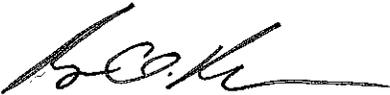
Subject: Letter of Support

Randy,

Peoria Unified School District would formally like to extend our full support for the modernization and updating of the school walking maps. The current maps have not been updated since 2017-2018 timeframe. Peoria Unified has seen expansive growth since this timeframe, especially in the Northwest region of our district that facilitates walking to school in a less traffic congestion area.

Please let me know how PUSD can help with the grant.

Very Respectfully,



Ryan A. Reese