



2016 Regional Transportation Alternatives Program (TAP) Grant Application

PROJECT

TITLE: School Speed Limit Zone Flashing Beacon Installation Project



GENERAL PROJECT INFORMATION

Agency or Organization Olympia School District

Contact Person Jennifer Priddy, Assistant Superintendent

Phone Number (360) 596-6129

Email Address jpriddy@osd.wednet.edu

Type of Transportation Partner **Select One**

Traditional Transportation Partner

Non-Traditional Transportation Partner

Threshold Criteria (check all that apply)

	Yes	No
Project elements meet all regional eligibility requirements	<input checked="" type="radio"/>	<input type="radio"/>
Project elements and administration meet all federal eligibility requirements	<input checked="" type="radio"/>	<input type="radio"/>
Applicant can demonstrate ability to obligate funding as proposed	<input checked="" type="radio"/>	<input type="radio"/>

STATUS OF EXISTING FEDERAL PROJECTS

Does the applicant have any other regionally selected projects underway? (yes or no) Yes No

Does the applicant have any other state selected federal projects underway? (yes or no) Yes No

If yes to either, attach separate documentation describing status of each project including project name, funding source, year of award, progress to date, future obligation commitments and strategy for meeting those obligation commitments in addition to those associated with new project funding.

PROJECT INFORMATION

Applicant's Project Priority

Are you submitting more than one TAP application (3 maximum)? Yes No

If "Yes," what priority is this project application? 1 of 1

TYPE OF PROJECT OR PROGRAM

(Identify one "Primary Purpose" and any "Secondary Purpose" project type that applies)

	Primary	Secondary
Safe Routes to School project or program	<input checked="" type="radio"/>	<input type="checkbox"/>
Provision of facilities for pedestrians and/or bicycles	<input type="radio"/>	<input type="checkbox"/>
Preservation and/or conversion of abandoned railway corridors for bike/ped trails	<input type="radio"/>	<input type="checkbox"/>
Construction of turnouts, overlooks, and viewing areas	<input type="radio"/>	<input type="checkbox"/>
Recreational Trails Program (Section 206 of title 23)	<input type="radio"/>	<input type="checkbox"/>
Inventory, control and removal of outdoor advertising	<input type="radio"/>	<input type="checkbox"/>
Preservation & rehabilitation of historic transportation buildings, structures, facilities	<input type="radio"/>	<input type="checkbox"/>
Vegetation management in ROW to control invasive species or control erosion	<input type="radio"/>	<input type="checkbox"/>
Archaeological activities related to impacts from transportation projects	<input type="radio"/>	<input type="checkbox"/>
Environmental mitigation to address stormwater associated with highway runoff	<input type="radio"/>	<input type="checkbox"/>
Environmental mitigation to reduce wildlife mortality or improve habitat connectivity	<input type="radio"/>	<input type="checkbox"/>

PROJECT OVERVIEW

Brief abstract (~ 150 words) of proposal identifying problem or need, how the proposal will address it, and anticipated benefits. This is a high level summary suitable for reports and on-line descriptions. Detailed project information is provided on page 3.

This project will improve school crossings on Carlyon Avenue at Lybarger Street and on North Street at Pifer Road and at Olympia High School west driveway. The existing 20 MPH school speed limit zone signing which currently has "When Flagged" or "When Children are Present" signing will be replaced. This project will include installation of School Speed Limit Zone flashing beacons and signing at the two locations listed above. Solar powered units will be installed. The intent of installing this type of traffic-control device is to get motorists' attention in a more effective way, by providing more positive guidance to motorists informing them of when the school zone speed limit is in effect. Improved motorist compliance to the school zone speed limit can improve pedestrian crossing safety. These improvements will enhance the safety of students walking and bicycling to and from school and crossing at these locations, and encourage students to walk and bike to school rather than being driven to school.

PROJECT LOCATION AND DETAILS – applicants may submit a map of the project or program/service area

Project Location Various school speed limit zones
Construction Projects Type of Construction Project Install traffic signing and solar-powered flashing beacons
Length/Size of Construction Project _____
Programs/Services Delivery Area of Program/Service N/A
Duration of Program/Service N/A

PROJECT PHASING AND COSTS

Identify project phases and costs
Construction Projects Preliminary Engineering/Design: Phase Cost \$ 14000
(mark the appropriate phase and Right-of-Way: \$
enter cost) Construction: \$ 66500
Program or Operational Element Program or Operations Cost: \$
Costs Other Cost: \$
Total Project Cost (Sum of all project phase costs identified above): \$ 80500

YEAR OF OBLIGATION

FFY 2017 – 2019 Project Obligation
Select the preferred federal fiscal year the project will obligate*
2017 2018 2019

Select an alternate federal fiscal year the project could obligate

*Applicants are expected to obligate their project on time, as stated on this application and indicated on the award letter, if the project proposal is selected.

TAP FUNDING REQUEST AND MATCHING REVENUES

Federal Funding Request and Match (non-federal share)
From Project Applicant* Local funding or other sources \$ 10868
State funding \$
TAP Grant Request \$ 69632
Total Project/ Phase Revenue \$ 80500
*Applicants must provide a minimum of 13.5% non-federal share to federal share.
Example
Total Project Cost is \$100,000
Minimum non-federal share: \$13,500
Federal STP Funds: \$86,500

CERTIFICATION ACCEPTANCE

CA Agency and Representative City of Olympia, Steve Sperr, P.E., Assistant City Engineer
CA Signature and Date  10/14/16

Project Verification and Endorsement

This project proposal reflects established local funding priorities consistent with the Regional Transportation Plan. Costs represent accurate planning level estimates needed to accomplish the work described herein. The project described is financially feasible, and local match revenue identified above is available and will be committed to the project if it receives the requested TAP grant. If selected, the project will obligate funding in Federal Fiscal Year 2016, prior to August 1, 2016. Failure to do so will result in loss of funding for the project. I realize that the use of federal funds for this project entails administrative and project compliance requirements over which TRPC has no control, and for which this agency or organization will be responsible.

This project has the full endorsement of the governing body/leadership of this agency or organization.

Jennifer Priddy, Assistant Superintendent, Fiscal and Operations

Name and Title of Designated Representative

Signature of Designated Representative

10/14/2016
Date

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SUPPORT FOR RECOGNIZED REGIONAL INITIATIVES

Identify any ways in which the proposed project supports existing regional initiatives. Examples of such initiatives include, but are not limited to, Sustainable Thurston, Urban Corridor Communities, Walk and Roll, Healthy Kids Safe Streets, Thurston Thrives, Commute Trip Reduction.

Supports Sustainable Thurston quality-of-life issues of promoting public safety, schools and transportation. Supports Walk and Roll Program goal of building a generation of safe and healthy walkers by promoting traffic safety around schools.

PROJECT DESCRIPTION & SIGNIFICANCE (2 PAGES MAX, 10 POINT FONT MINIMUM)

Using the space provided on pages 3 and 4 below, please address the following in your narrative: Describe the proposed project and why it is a regional funding priority, paying particular attention to benefits the proposal will deliver. Consider all modes of travel in your description. Identify any collaboration or partnership with other entities with a vested interest in this project. Note whether this project leverages previous work, such as an implementation phase of a previous study or design phase, or whether it lays the groundwork for subsequent implementation phases. Describe any efforts that will help ensure this project can meet its obligation commitments. Indicate how this proposal supports the goals and policies of the Regional Transportation Plan, the transportation initiatives in Sustainable Thurston, or other adopted community plans and goals.

Parents and school administrators have expressed safety concerns for school children when crossing Carlyon Avenue at Lybarger Street and when crossing North Street at Pifer Road and at the Olympia High School west driveway. Currently, in the vicinity of these crossings, the street is signed as a 20 MPH school speed limit zone. This speed limit is in effect "When Flagged" or "When Children are Present." However, many motorists do not understand when the 20 MPH speed limit is in effect or choose not to obey this speed limit in general. This situation contributes to concerns for the safety of school children when walking in the marked crosswalk, children waiting at the curb about to cross the street, and children walking along the street in close proximity to the crosswalks. These existing crossings are also identified with high visibility crosswalks and school crossing signing. At locations with "When Flagged" signing, school personnel install flags at the beginning of school walk times, indicating to motorists that the school zone speed limit is in effect, and then remove the flags at the end of school walk times, indicating to motorists that the school zone speed limit is not currently in effect.

This project will include installation of School Speed Limit Zone Flashing Beacons and corresponding signing at the two locations listed above.

The intent of installing this type of traffic control device is to get motorists' attention in a more effective way, by providing more positive guidance to motorists, informing them when the school zone speed limit is in effect. Improved motorist compliance with the school zone speed limit can improve pedestrian crossing safety. These improvements will enhance the safety of students walking and bicycling to and from school and crossing at these locations, and encourage students to walk and bicycle to school rather than being driven to school. It also enhances the walking routes shared by and between Pioneer Elementary School, Washington Middle School, and Olympia High School.

The solar-powered flashing beacons will be programmed each school year to automatically turn on at the start of school walk times, off at the end of school walk times, and account for early dismissals, late starts, and holidays.

This project is consistent with the Thurston Regional Transportation Plan by providing improvements for our multimodal transportation system. These improvements will enhance the safety of students walking and bicycling to and from school and crossing at these locations, and encourage students to walk and bicycle to school rather than being driven to school.

Project Title: School Speed Limit Zone Flashing Beacon Installation Project

PROJECT DESCRIPTION & SIGNIFICANCE (continued)

The project supports the following RTP policies:

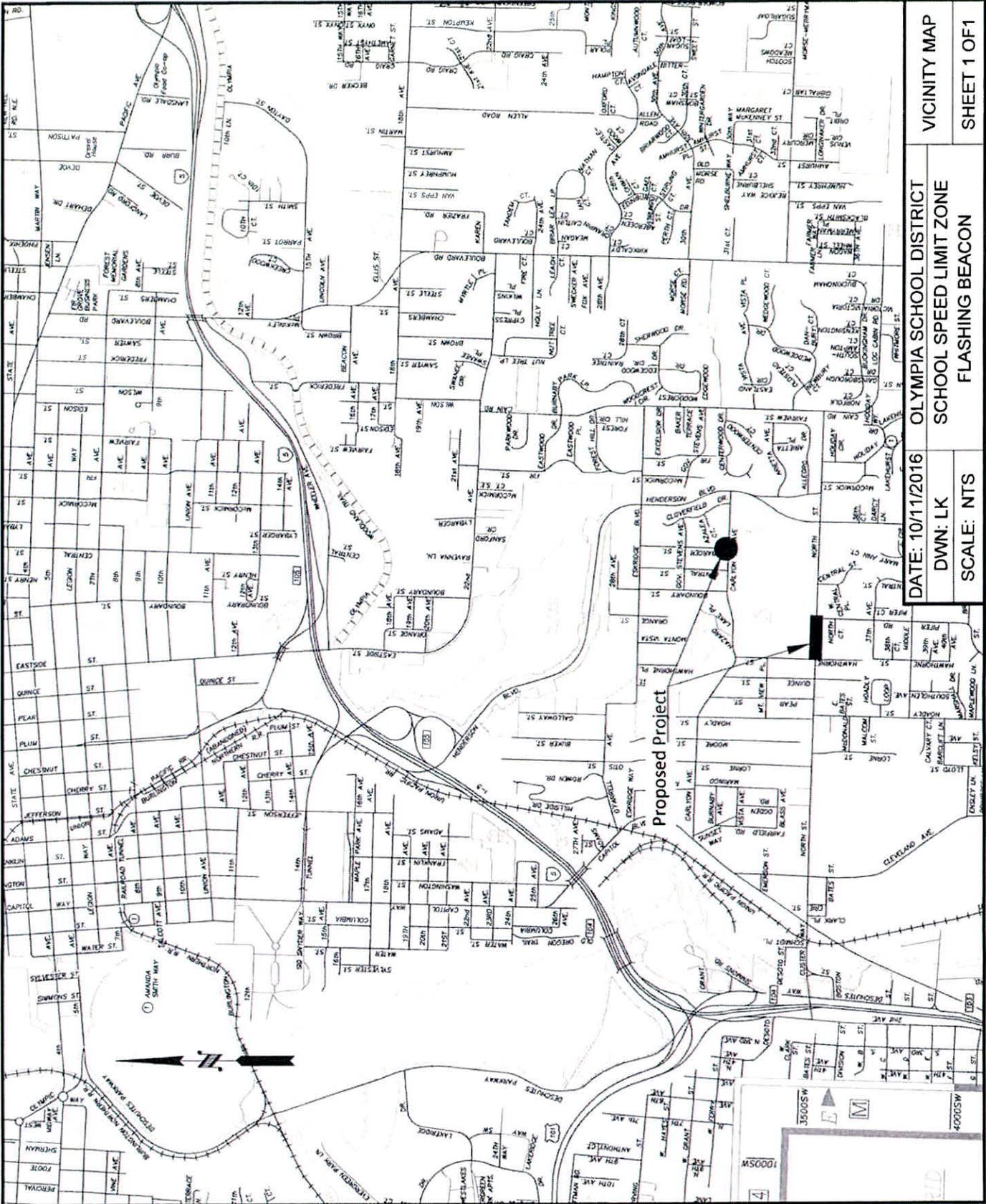
- 2a. Provide for quality travel mode options appropriate to existing and future land uses, including walking, biking, public transportation, rail and motor vehicles, including freight.
- 4c. Design transportation infrastructure to encourage safe user behavior.
- 6b. Encourage the use of public transportation, ridesharing, bicycling and walking by improving access, convenience, and reliability.
- 9a. Design and construct multimodal, context-sensitive, complete streets and roads.
- 12c. Provide frequent pedestrian crossings, especially in urban areas, along primary transit routes, and near activity centers.

The project supports Sustainable Thurston Priority goals:

- Because the crossings promote walking instead of driving, the project supports these priority goals: "Move towards carbon-neutrality," and "Maintain air-quality standards."

The project supports the following Olympia Comprehensive Plan goals and policies:

- PT 21.3 Build new streets and retrofit existing streets to be more inviting for walking with sidewalks, crossing improvements and streetscape enhancements.
- GT 23 Pedestrian crossing improvements remove barriers for walkers on major streets, especially wide streets with high vehicle volumes.
- PT 23.2 Raise driver awareness of pedestrians at crosswalks on wide, high-volume streets using blinking lights, flags, signs, markings, and other techniques.



VICINITY MAP
SHEET 1 OF 1

OLYMPIA SCHOOL DISTRICT
SCHOOL SPEED LIMIT ZONE
FLASHING BEACON

DATE: 10/11/2016
DWN: LK
SCALE: NTS

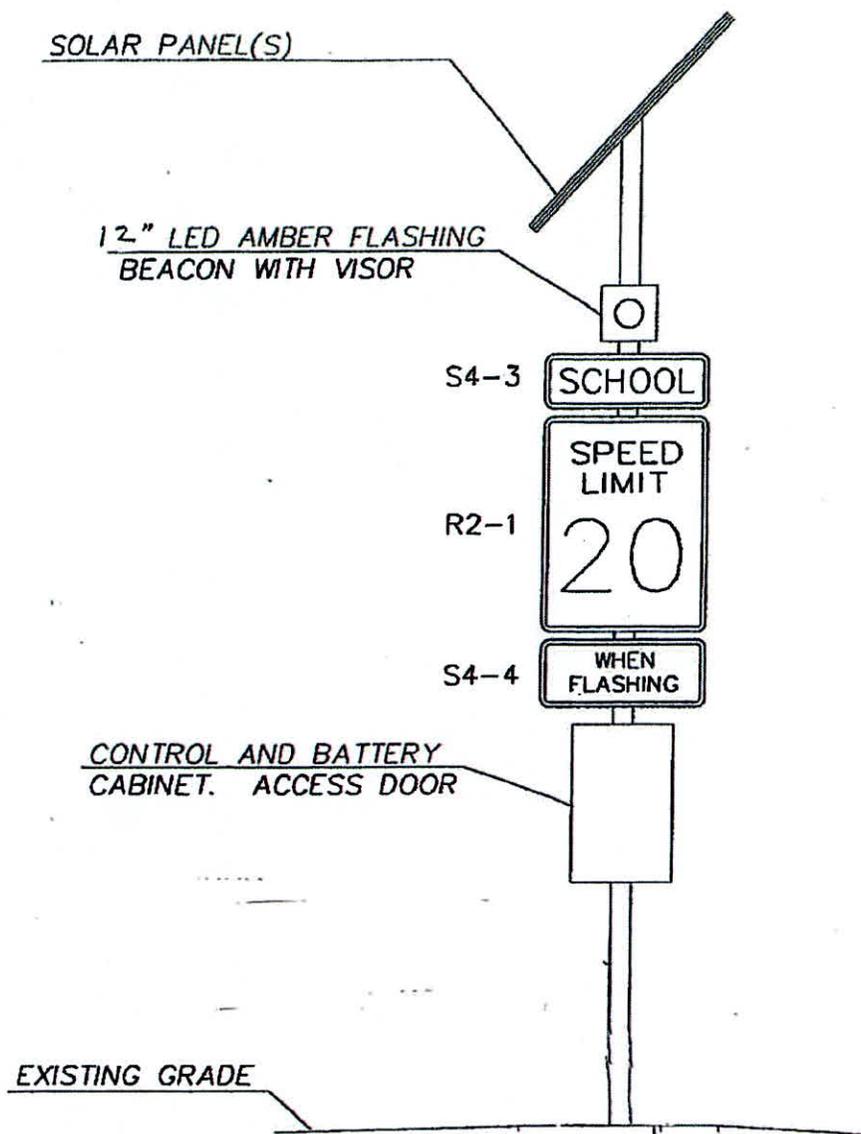
Proposed Project

AMANDA SMITH WAY

1000SW

3500W

4000SW



BEACON ASSEMBLY

N.T.S.