



2016 Regional Transportation Alternatives Program (TAP) Grant Application

PROJECT

TITLE: Capitol Boulevard Pedestrian Crossing Improvements

TRPC use only

GENERAL PROJECT INFORMATION

Agency or Organization City of Tumwater

Contact Person Jay Eaton

Phone Number (360)754-4140

Email Address jeaton@ci.tumwater.wa.us

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 type="radio"/>	<input type="radio"/>
Applicant can demonstrate ability to obligate funding as proposed	<input 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 Yes No

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

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

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 type="radio"/>	<input type="checkbox"/>
Provision of facilities for pedestrians and/or bicycles	<input checked="" 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 would upgrade existing pedestrian crossings on Capitol Blvd. at Market Street and at the mid-block location between Dennis Street and Israel Road. The current crossings include marked cross-walks, signage and pedestrian refuge medians. The upgrades would include the installation of pedestrian activated Rectangular Rapid Flashing Beacons at each location.

Capitol Boulevard is a major arterial roadway serving both local and regional traffic and serves as a primary transit corridor. The proposed upgrade locations are located in dense commercial/office land uses with frequent pedestrian traffic. The high traffic volumes and driver non-compliance with the existing crossings pose a safety issue to pedestrians.

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

Construction Projects	Project Location	Capitol/M and Capitol between Dennis & Israel
	Type of Construction Project	Pedestrian Crossing
	Length/Size of Construction Project	
Programs/Services	Delivery Area of Program/Service	
	Duration of Program/Service	

PROJECT PHASING AND COSTS

Identify project phases and costs	Phase	Cost
Construction Projects	Preliminary Engineering/Design:	<input type="checkbox"/> \$ 10000
(mark the appropriate phase and enter cost)	Right-of-Way:	<input type="checkbox"/> \$
	Construction:	<input checked="" type="checkbox"/> \$ 130000
Program or Operational Element Costs	Program or Operations Cost:	<input type="checkbox"/> \$
	Other Cost:	<input type="checkbox"/> \$
Total Project Cost (Sum of all project phase costs identified above):		\$ 140000

YEAR OF OBLIGATION

FFY 2017 – 2019 Project Obligation	2017	2018	2019
Select the preferred federal fiscal year the project will obligate*	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Select an alternate federal fiscal year the project could obligate	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

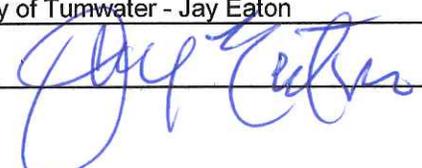
*Applicants are expected to obligate their project on time, as stated on this application and indicated on the award letter, if the project proposal is selected.

TAP FUNDING REQUEST AND MATCHING REVENUES

Federal Funding Request and Match (non-federal share)			<i>*Applicants must provide a minimum of 13.5% non-federal share to federal share.</i> Example Total Project Cost is \$100,000 Minimum non-federal share: \$13,500 Federal STP Funds: \$86,500
From Project Applicant*	Local funding or other sources	\$ 18900	
	State funding	\$	
	TAP Grant Request	\$ 121100	
	Total Project/ Phase Revenue	\$ 140000	

CERTIFICATION ACCEPTANCE

CA Agency and Representative City of Tumwater - Jay Eaton

CA Signature and Date  10/13/2016

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.

Pete Kmet, Mayor
 Name and Title of Designated Representative


 Signature of Designated Representative

10/17/16
 Date

Project Title: Capitol Boulevard Pedestrian Crossing Improvements

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.

This project directly supports the goals common to Sustainable Thurston, the Urban Corridors Plan, Thurston Thrives and the Regional Transportation Plan. These all rely on our ability to create vibrant corridors, centers and neighborhoods in order to provide access to goods and services, provide a mix of uses and densities along our corridors and improve the health of our communities. In order for these things to occur we need to provide transportation choices that are dependent on safe, efficient and convenient multi-modal opportunities.

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.

This project would upgrade existing pedestrian crossings on Capitol Blvd. near Market Street and at the mid-block location between Dennis Street and Israel Road. The current crossings include marked cross-walks, signage and pedestrian refuge medians. The upgrades would include the installation of pedestrian activated Rectangular Rapid Flashing Beacons (RRFB's) at each location.

Capitol Boulevard is a major five lane arterial roadway serving both local and regional traffic and serves as a primary transit corridor. The proposed upgrade locations are located in dense commercial/office land uses with frequent pedestrian traffic. The high traffic volumes (17,000vpd at Market Street; 13,000 vpd at the Dennis/Israel location), frequent pedestrian crossings and driver non-compliance with the existing crossings pose safety and desirability of use issues to pedestrians. The existing crossings currently have median refuge islands which provide the user with the option of only crossing one direction of traffic at a time, but the nature of the crossings still put the pedestrian at some risk. Even drivers that do comply with requirements to stop for pedestrians can actually block the view of pedestrians crossings in the adjacent lane which happens frequently at both of these crossing locations.

Both of the proposed improvement locations serve Intercity Transit bus stops. Crossings that are considered by the user to be unsafe or even uncomfortable tend to distract from the use of the public transportation system.

The addition of RRFB's at pedestrian crossings along heavily traveled corridors like Capitol Boulevard have been shown to increase driver awareness and compliance with their requirement to "Stop for Pedestrians" at crossing locations. This awareness includes the situation described above with stopped vehicles blocking the view of pedestrians crossing adjacent lanes. This dramatically improves the safety for the pedestrian as well as provides a more comfortable crossing, both of which serve to increase pedestrian use and activity which is supportive of many of the ideals the community desires to achieve.

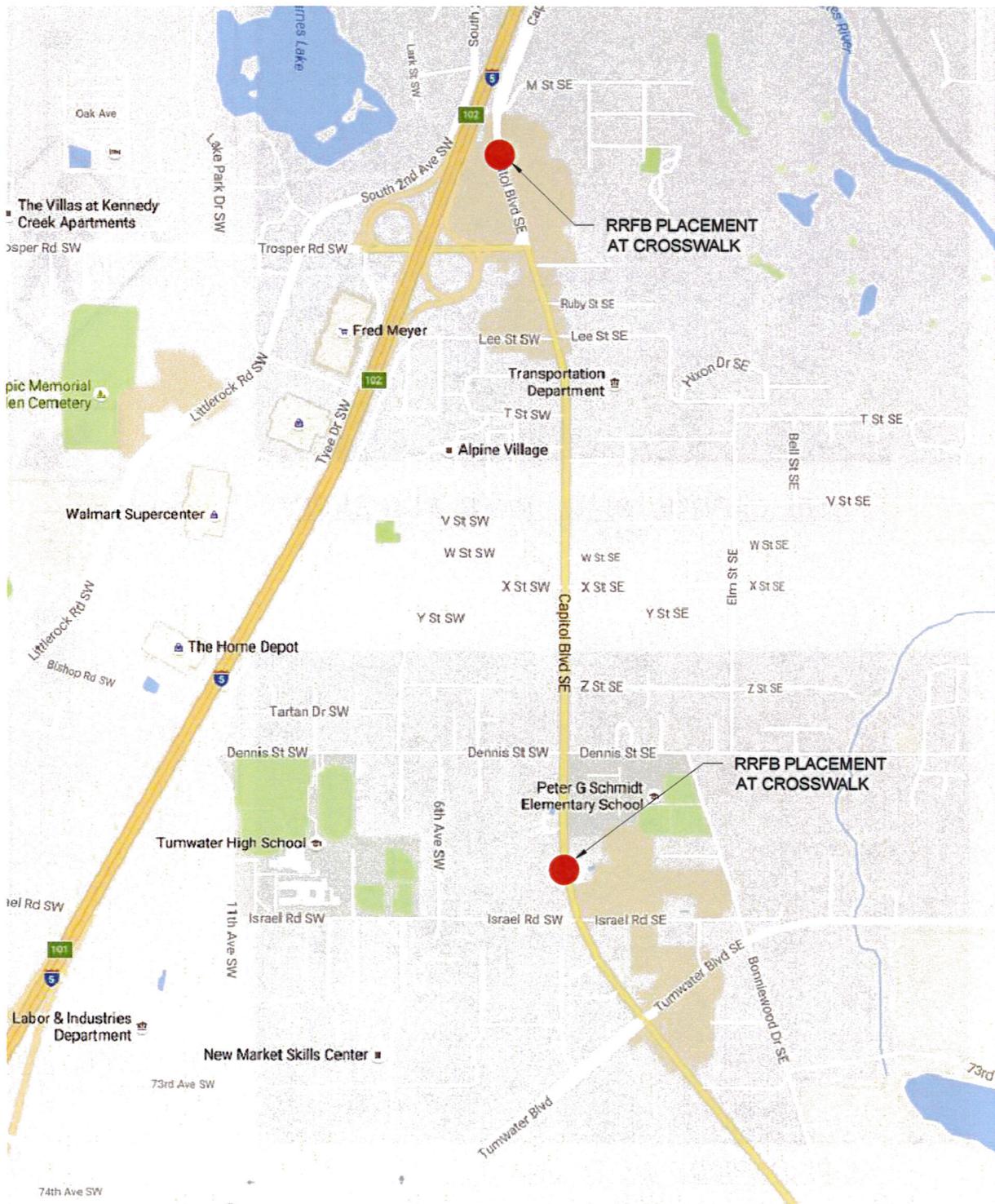
During the Capitol Boulevard Corridor Plan development, pedestrian safety was a primary concern. That plans purpose was to improve economic conditions, provide Transportation options and safety for walkers, cyclists and motorists and improve the aesthetics of the boulevard. To achieve these results the plan depends on more intense mixed use neighborhood centers promoting activity on the boulevard. These types of uses are dependent on convenient and safe pedestrian access to the land uses to be developed and to transportation options that reduce the reliance on single occupancy vehicles and create safe and healthy non-motorized opportunities. This interaction between transportation choices and land use is paramount to achieving consistency between the transportation system and land use which is necessary to realize the goals of the plan.

Project Title: Capitol Boulevard Pedestrian Crossing Improvements

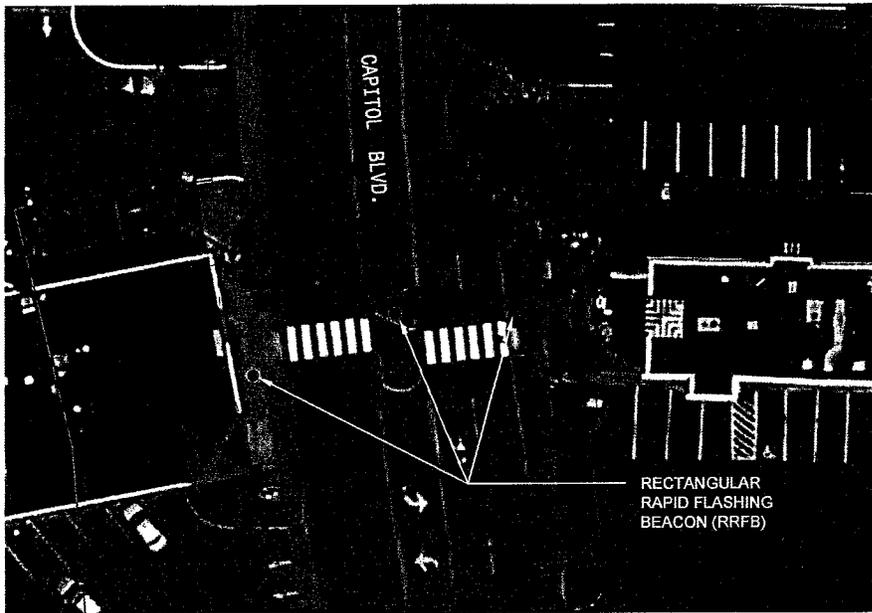
PROJECT DESCRIPTION & SIGNIFICANCE (continued)

This project directly supports many of the guiding principles and goals included in the Regional Transportation Plan (RTP). This project supports transportation choices which provide for sustainable systems, support communities and the people within and provide safe, efficient and fiscally responsible strategies to achieve the goals of the RTP. The goals that this project directly influences include Transportation and Land Use Consistency; Multi Modal Transportation System; Barrier Free Transportation; System safety and security; TDM; Public Transportation; Walking and Environmental and Human Health.

SECTION 34 NORTH, TOWNSHIP 18, &
SECTION 2 NORTH, TOWNSHIP 17,
RANGE 2 WEST, W.M.

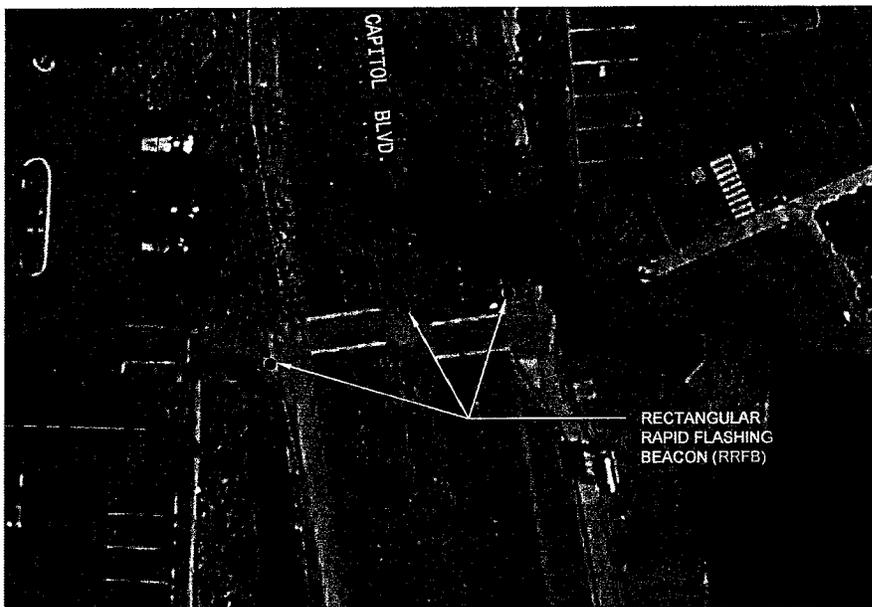


City of Tumwater Public Works Department Engineering Division 555 Israel Road SW, Tumwater, WA 98501 (360) 754-4140 Voice, 754-4142 Fax	DESIGNED: XXX	SCALES:	JOB NUMBER	VICINITY MAP	DRAWING NUMBER
	DRAWN: XXX	HOR. AS NOTED	ST XXXXX		
	CHECKED: XX	VERT. AS NOTED	DATE	RECTANGULAR RAPID FLASHING BEACONS	1
	APPROVED: XXX	FIELD BOOK XX	OCT' 16	SHEET 1 OF 2	



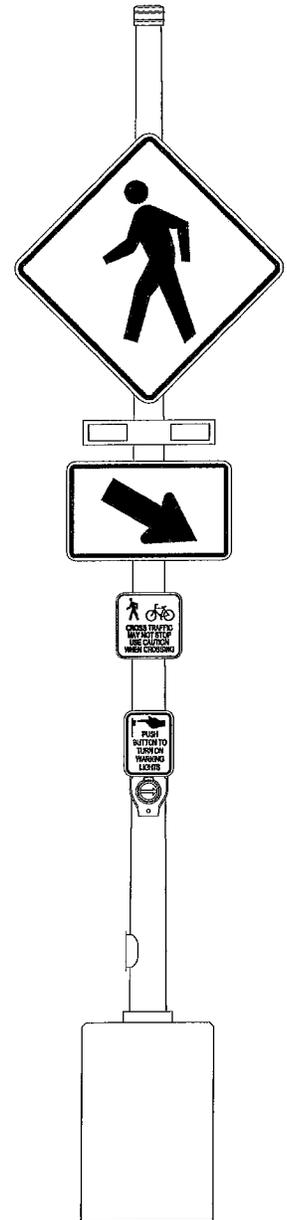
5110 CAPITOL BLVD. RRFB PLACEMENT

SCALE: 1" = 50'



6880 CAPITOL BLVD. RRFB PLACEMENT

SCALE: 1" = 50'



TYP. RRFB STANDARD

SCALE: NOT TO SCALE

City of Tumwater
Public Works Department
Engineering Division
555 Israel Road SW, Tumwater, WA 98501
(360) 754-4140 Voice, 754-4142 Fax

DESIGNED: XXX	SCALES:	JOB NUMBER
DRAWN: XXX	HOR. AS NOTED	ST XXXXX
CHECKED: XX	VERT. AS NOTED	DATE
APPROVED: XXX	FIELD BOOK XX	OCT' 16

SITE PLANS
CAPITOL BLVD. CROSSWALKS
RECTANGULAR RAPID FLASHING BEACONS

DRAWING NUMBER
2
SHEET 2 OF 2