2016 Regional Surface Transportation Program (STP) Grant Application

PROJECT TITLE: Pacific Ave and Yelm Hwy Midblock Crosswalks Study

GENERAL PROJECT INFORMATION
Agency or Organization: Thurston County Public Works
Contact Person: Scott Davis, PE - Interim County Engineer
Phone Number: 360-867-2329
Email Address: davissa@co.thurston.wa.us

Type of Transportation Partner (Check one)
- Traditional Transportation Partner
- Non-Traditional Transportation Partner

Type of Regional Funding Priority (Check all that apply)
- Safety
- Preservation
- Efficiency

Threshold Criteria
- Project elements meet all regional eligibility requirements
- Project elements and administration meet all federal eligibility requirements
- Applicant can demonstrate ability to obligate funding as proposed

STATUS OF EXISTING FEDERAL PROJECTS
Does the applicant have any other regional STP projects underway? (Yes or No)

Does the applicant have any other state selected federal projects underway? (Yes or 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 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 study will identify mid-block crossing locations and the necessary improvements to enhance pedestrian and bicyclist safety on the Pacific Ave and Yelm Hwy corridors. The Pacific Ave corridor limits would extend from Lacey City Limits to Steilacoom Rd and the Yelm Hwy corridor from Rich Rd to Lacey City Limits. Both corridors have high vehicle speeds, traffic volumes and pedestrian and bicyclist users since these corridors provide direct access between residential and commercial areas. Currently crosswalks only exist at signalized intersections within the corridor limits which creates long distances without marked crossings. This study will also identify accessible improvements at suggested crossing locations.

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

<table>
<thead>
<tr>
<th>Construction Projects</th>
<th>Project Location</th>
<th>Type of Construction Project</th>
<th>Roadway Classification</th>
<th>Length of Construction Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Acquisition Projects</td>
<td>Number of Vehicles</td>
<td>Type of Vehicle</td>
<td>Delivery Area of Program/Service/Study</td>
<td>Yelm Hwy SE &amp; Pacific Ave SE</td>
</tr>
<tr>
<td>Transportation Programs/Services/Studies</td>
<td>Type of Program/Service/Study</td>
<td>Duration of Program/Service/Study</td>
<td>Study</td>
<td>Two years</td>
</tr>
</tbody>
</table>
**PROJECT PHASING AND COSTS**

Identify project phases and costs

<table>
<thead>
<tr>
<th>Construction Projects</th>
<th>Preliminary Engineering/Design:</th>
<th>Phase</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Right-of-Way:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Construction:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vehicle Purchase</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Vehicle Acquisition Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

| Transportation Programs, Services, or Studies | Programs, Studies, or Services | $ 100000 |

*Construction proposals that include two or more project phases spanning more than one year must include a separate application for each phase.*

**YEAR OF OBLIGATION**

**FFY 2017 – 2019 Project Obligation**

Select the preferred federal fiscal year the project will obligate*

<table>
<thead>
<tr>
<th>2017</th>
<th>2018</th>
<th>2019</th>
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</thead>
<tbody>
<tr>
<td>☐</td>
<td>☐</td>
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</table>

Select an alternate federal fiscal year the project could obligate

<table>
<thead>
<tr>
<th>2017</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>☐</td>
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</table>

*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.*

**STP FUNDING REQUEST AND MATCHING REVENUES**

**Federal Funding Request and Match (non-federal share)**

<table>
<thead>
<tr>
<th>From Project Applicant*</th>
<th>Local funding or other sources</th>
<th>State funding</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$ 25000</td>
<td></td>
</tr>
</tbody>
</table>

**STP Grant Request**

<table>
<thead>
<tr>
<th>Total Project/Phase Revenue</th>
<th>$ 100000</th>
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</thead>
</table>

*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

**SUPPORT FOR THE REGIONAL TRANSPORTATION PLAN, SUSTAINABLE THURSTON OR OTHER REGIONAL INITIATIVES**

Identify ways in which the proposed project supports the goals and policies of the Regional Transportation Plan, Implementation of Sustainable Thurston transportation initiatives, or other regional initiatives. Examples of other initiatives include, but are not limited to, Urban Corridor Communities and associated District Plans, Healthy Kids Safe Streets Action Plan, South Thurston Economic Development Initiative, Walk and Roll, Commute Trip Reduction, I-5 Action Plan, Bountiful Byways, Smart Corridors.

This project directly supports the recognized regional initiatives, in addition to the Regional Transportation Plan. The goals are met by improving the safety of pedestrian and bicyclists by installing protected midblock crossings. By improving the safety of the pedestrian and bicycle facilities through the project limits the public is more likely to use alternative methods of transportation (i.e. walking or biking) to commute rather than using single occupancy vehicles.

**CERTIFICATION ACCEPTANCE**

CA Agency and Representative: Thurston County Public Works - Scott Davis, PE - Interim County Engineer

CA Signature and Date: 10/17/2016

**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 STP grant. If selected, the project will obligate funding by the date indicated on the award letter; failure to do so may result in loss of funding for the project and funds will not be restored. 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.

Scott Davis, PE - Thurston County Public Works Interim County Engineer

Name and Title of Designated Representative

Signature of Designated Representative: 10/17/2016

2016 TRPC Regional Surface Transportation Program Grant Application, page: 2
Project Title: Pacific Ave and Yelm Hwy Midblock Crosswalks Study

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.

Regional Initiatives Cont...

1) Regional Transportation Plan - Transportation Relations Goals 2-3, System Management Goals 4-5 & 7 and System Components Goals 9 & 12. The study among other things will improve multi-modal components of the transportation, eliminate accessible barriers, improve safety performance by reducing risk, repair outdated sidewalk ramps, using technologies to improve crossing safety (e.g., rectangular rapid flashing beacons) and support public transportation by coordinating crossing opportunities with transit stops.

2) Thurston Thrives - by creating safe, convenient and abundant opportunities for physical activity. This would be done by identifying locations to improve street crossings.

Project Description and Significance

This project is to study mid-block crossings along the five lane section of Yelm Hwy, from Rich Rd to the Lacey City Limits and another 5 lane section of Pacific Ave, from Lacey City Limits to Steilacoom Rd, improving the safety of bicyclists and pedestrians.

Yelm Hwy is a major connection route between the Cities of Tumwater, Lacey and Olympia. The portion of Yelm Hwy provides direct access to several residential subdivisions and apartment complexes, several businesses, a golf course, park and the Chehalis Western Trail System. Yelm Hwy is federally classified as an Urban Principal Arterial, has an average daily traffic (ADT) volume of 21,000 vehicles per day and a posted speed limit of 40 mph.

Pacific Ave is one of the few west-east corridors that parallels I-5 due to the lakes within the Urban Growth Areas. This portion of Pacific Ave provides direct access to a school, church, day-care, community center, elderly care facility and several businesses and residential areas. Pacific Ave is federally classified as an Urban Principal Arterial, has an ADT volume of 15,000 vehicles per day and a posted speed limit of 40 mph.

Public Works will collaborate with Intercity Transit regarding the final placement of the crossings since there are transit stops located within both project corridors.

Well-designed mid-block crossings, provide many safety benefits to pedestrians and bicyclists. Currently, crosswalks exist at signalized intersections with the corridor limits in some cases creating long distances without marked crossings. Since convenient and manageable crossing points are not identified. This study will determine the locations of the crossings as well as the specific design details including accessibility improvements. Design details could include but are not limited to medians, beacons, lighting, ramp improvements, etc.
MAJOR SITES:
1 CENTENNIAL ELEMENTARY SCHOOL
2 GRACE COMMUNITY COVENANT CHURCH AND SCHOOL
3 INDIAN SUMMER GOLF COURSE
4 RESIDENTIAL NEIGHBORHOOD
5 APARTMENT COMPLEX
6 SHOPPING CENTER

PROPOSED GRANT — PROJECT LIMITS
RECENTLY COMPLETED THURSTON COUNTY IMPROVEMENTS
BUS STOPS WITHIN ONE MILE RADIUS

YELM HWY SE - RICH RD TO CHEHALIS WESTERN TRAIL, MIDBLOCK CROSSING LIMITS, 1-MILE RADIUS VICINITY

MAJOR SITES:
1 SHOPPING CENTER
2 HOMANN PARK
3 APARTMENT COMPLEX
4 RESIDENTIAL NEIGHBORHOOD
5 LACEY COMMUNITY CENTER
6 LACEY CHAPEL CONSERVATIVE
7 FAITH LUTHERAN CHURCH & SCHOOL
8 LYDIA HAWK ELEMENTARY SCHOOL
9 DEPARTMENT OF ECOLOGY
10 SAINT MARTIN'S UNIVERSITY
11 NEW LIFE BAPTIST CHURCH
12 SEVEN OAKS ELEMENTARY SCHOOL

PROPOSED GRANT — PROJECT LIMITS
BUS STOPS WITHIN PROJECT LIMITS

PACIFIC AVENUE SE - LACEY CITY LIMITS TO STEILACOOM RD SE, MIDBLOCK CROSSING LIMITS, 1-MILE RADIUS VICINITY