



**PROJECT PHASING AND COSTS**

Identify project phases and costs		<b>Phase</b>	<b>Cost</b>
<b>Construction Projects</b> (mark the appropriate phase and enter cost)	Preliminary Engineering/Design:	<input type="checkbox"/>	\$ _____
	Right-of-Way:	<input type="checkbox"/>	\$ _____
	Construction:	<input type="checkbox"/>	\$ _____
<b>Vehicle Acquisition Projects</b>	Vehicle Purchase	<input type="checkbox"/>	\$ _____
<b>Transportation Programs, Services, or Studies</b>	Programs, Studies, or Services	<input checked="" type="checkbox"/>	\$ 41000

\*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**

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

\*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**

<b>Federal Funding Request and Match</b> (non-federal share)		
From Project Applicant*	Local funding or other sources	\$ 5536
	State funding	\$ _____
	<b>STP Grant Request</b>	\$ 35464
Total Project/Phase Revenue		\$ 41000

\*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 reflects Thurston Regional Planning Council's mission, to "provide visionary leadership on regional plans, policies, and issues." One of the supporting elements of this mission is to: "assemble and analyze data that support local and regional decision making."  
 This project also supports several goals in the Regional Transportation Plan, as outlined in the project description.

**CERTIFICATION ACCEPTANCE**

CA Agency and Representative Thurston Regional Planning Council

CA Signature and Date Rita Veena Tabbutt Oct 14, 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.

R. Veena Tabbutt, Interim Executive Director, TRPC

Name and Title of Designated Representative

Rita Veena Tabbutt

Signature of Designated Representative

Oct 14, 2016

Date

**Project Title:** Regional Transportation Data Management Program

**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.*

Jurisdictions within Thurston County collect traffic data for a variety of state and local transportation facilities, to assist with transportation planning activities. Data include items such as: traffic counts (for both vehicles and bicycles), traffic safety, traffic signal timing, travel time data, turning movement counts, pavement condition, and pavement markings (such as crosswalks). These data sets are collected by local staff, consultants, and the state, in a variety of formats, on a variety of schedules, and often on a project by project basis. Collecting the data sets is time-consuming, but the real challenge is in managing, analyzing and sharing what is collected.

Despite the challenges, the need for up-to-date and accurate transportation data has never been stronger. These data sets provide a rich source of information to aid in updating regional transportation models and transportation plans, both of which inform local policymaker decision-making. The information gleaned from the data sets can also be used to educate legislators about transportation safety and maintenance needs – one of the reasons the Thurston Regional Planning Council (TRPC) has requested an annual State of the Transportation System report for the Thurston Region. With Federal performance measures now mandatory, and the region exploring other performance measures to monitor the progress of Sustainable Thurston implementation, the ability to analyze and report on various types of traffic data will become increasingly important to our region.

For all of these reasons, members of TRPC's Transportation Technical Advisory Committee (TAC) requested that TRPC explore a coordinated approach to traffic data collection, storage, and retrieval - with the goals of supporting transportation model development and calibration, local infrastructure studies, local and regional planning efforts, and performance measure development.

The opportunities for such an approach are greatly improved by the availability of new online solutions that not only facilitate data storage, but also provide tools for data quality assurance, data analysis, and data sharing – including the ability to generate maps, reports and graphs. Online solutions would represent a significant investment for the region, but may also lead to savings in both time and dollars at the local level. There are a wide variety of possible solutions to explore; recognizing this, the proposed project is to conduct a Needs Assessment. Subsequent funding would be sought for implementation, if the region decides it is warranted.

**Project Title:** Regional Transportation Data Management Program

**PROJECT DESCRIPTION & SIGNIFICANCE (continued)**

**Collaboration and Partnership:** This project is a collaboration between local jurisdictions, the state, and TRPC.

**Leverage:** This project will support the update of the Regional Intelligent Transportation System (ITS) Architecture – a project that will be underway in 2017.

**Groundwork for additional work:** This project will lay the groundwork for a Regional Transportation Data Management Program.

**Obligation:** This is a planning project and can obligate on schedule.

**Support for Regional Transportation Plan:**

This project supports several goals in the Regional Transportation Plan.

**Goal 7: Transportation Technologies – Use technology-based approaches to address transportation congestion, safety, efficiency, and operations. Supporting measure: Use technology resources in evaluation system performance.**

**Goal 9: Streets, Roads, and Bridges. Policy 9j. Meet two-hour p.m. peak level of service standards.**

Thurston Regional Planning Council staff will facilitate the Needs Assessment, involving local and state partners. Work will include:

1. Convening a working group with a broad array of partners from local jurisdictions and the state, focusing on staff that collect and analyze relevant data sets.
2. Developing a list of features, functionality, performance components and other considerations for a Regional Transportation Data Management Program.
3. Coordinating a series of demonstrations for the working group, from various software vendors.
4. Issuing a request for proposals, or soliciting bids from various vendors, to develop cost estimates.
5. Interviewing metropolitan planning organizations that host a coordinated traffic data collection program regarding the pros and cons of a regional solution.
6. Summarizing the information in a feasibility report for presentation to the Technical Advisory Committee, Transportation Policy Board, and Thurston Regional Planning Council.