



2016 Regional Surface Transportation Program (STP) Grant Application

PROJECT TITLE: Grand Mound Transportation Study

TRPC use only

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

	Yes	No
Does the applicant have any other regional STP projects underway? (yes or no)	<input checked="" type="radio"/>	<input type="radio"/>
Does the applicant have any other state selected federal projects underway? (yes or no)	<input checked="" type="radio"/>	<input type="radio"/>

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.

The last Transportation Plan and Grand Mound Sub-Area Plan update was over 20 years ago. Since that time the area has developed, land use has changed, growth projections have been updated and analysis techniques have changed. Thurston County needs an updated plan to help guide strategic investments, facilitate economic development and maintain mobility and transportation safety. This transportation study will assess the capacity of the existing transportation system to accommodate projected traffic volumes and provide a list of improvements that will be needed in Grand Mound over the next 20 years. The implementation of these improvements will improve the local economy, traffic operations and safety for a variety of users including drivers, bicyclists and pedestrians.

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

Construction Projects	Project Location	<u>N/A</u>
	Type of Construction Project	<u>N/A</u>
	Roadway Classification	<u>N/A</u>
	Length of Construction Project	<u>N/A</u>
Vehicle Acquisition Projects	Number of Vehicles	<u>N/A</u>
	Type of Vehicle	<u>N/A</u>
Transportation Programs/Services /Studies	Delivery Area of Program/Service/Study	<u>Grand Mound UGA</u>
	Type of Program/Service/Study	<u>Study</u>
	Duration of Program/Service/Study	<u>2 Year</u>

PROJECT PHASING AND COSTS

Identify project phases and costs

	Phase	Cost
Construction Projects (mark the appropriate phase and enter cost)	Preliminary Engineering/Design: <input type="checkbox"/>	\$ _____
	Right-of-Way: <input type="checkbox"/>	\$ _____
	Construction: <input type="checkbox"/>	\$ _____
Vehicle Acquisition Projects	Vehicle Purchase <input type="checkbox"/>	\$ _____
	Transportation Programs, Services, or Studies	
Programs, Studies, or Services	<input checked="" type="checkbox"/>	\$ 300,000

*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

	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

Federal Funding Request and Match (non-federal share)

From Project Applicant*	Local funding or other sources	\$ 50000
	State funding	\$ _____
	STP Grant Request	\$ 300000
	Total Project/Phase Revenue	\$ 350000

*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

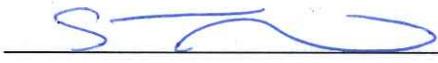
SUPPORT FOR THE REGIONAL TRANSPORTATION PLAN, SUSTAINABLE THURSTON OR OTHER REGIONAL INITIATIVES

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 study meets several regional initiatives that are ongoing in Thurston County including:
 1. Regional Transportation Plan - Transportation Relationships goals 1-3, System Management goals 4-8, System Components goals 9-12, Process 16-20.
Continued under Project Description...

CERTIFICATION ACCEPTANCE

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

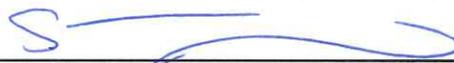
CA Signature and Date  10/14/16

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 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

10/16/16
Date

Project Title: Grand Mound Transportation 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....

The plan will among other things review the existing system and develop a strategy improve safety, mobility for all users, align land use with transportation, solicit public input including with other entities such as the Confederated Tribes of the Chehalis Reservation. and WSDOT and identify needs but also strategies that can be implemented within existing funding programs.

2. Sustainable Thurston - The transportation study will directly support Strategy 1, 3 and 12. The plan will look at how investment in street design and other transportation infrastructure will support a vibrant urban area, supporting landuse plans and providing connections by creating a strategic investment plan to stimulate other investments, facilitate movement of goods and services and examining means to create a more efficient transportation system thereby reducing the overall carbon footprint of the area.

3. Thurston Bountiful Byway - Transportation safety and efficiency improvements will support visitors and businesses along the byway. The byway has become regional and national recognized (<http://www.latimes.com/travel/deals/la-tr-washington-state-rural-bicycling-route-20160902-snap-story.html>) and Grand Mound serves as a gateway to the byway, lodging for tourists, etc...

4. Thurston Thrives - by creating safe, convenient and abundant opportunities for physical activity. This would be done by developing policies, guidance and identifying projects that support complete street design.

Project Description & Significance

The last Transportation Plan and Grand Mound Sub-Area Plan update was almost 20 years ago. Since that time the area has developed, land use use has changed, growth projections have been updated and analysis techniques have changed. This includes the additional of a regional significant resort (Great Wolf Lodge) and the creation of the Bountiful Byway of which Grand Mound serves as one of the gateways to the byway.

Since the original land use planning efforts traffic volumes have more than doubled on many of the primary roads (e.g., Old Hwy 99). Commercial activity has increased in the area including northern Lewis County which identified Old Hwy 99 to be classified as a T2 Truck Class Route. This equates to almost 7,000,000 tons of freight of year on Old Hwy 99 alone.

Existing, current and future economic investments by the Confederated Tribes of the Chehalis Reservation. are straining the existing transportation system and the 20 year old plan is no longer adequate to deal with land use activity and needs of the community. A plan of that age also does not include current best practices to support multi-modal approach to transportation that are necessary to support many of the regional goals and objectives.

PROJECT DESCRIPTION & SIGNIFICANCE (continued)

This effort will engage the community to identify community transportation strategies in order to accommodate existing and forecasted growth. Community stakeholders include local businesses, residents, property owners, Confederated Tribes of the Chehalis Reservation. Transportation Strategies may include roundabouts, gateways, pedestrian facilities/crossings, roadway interconnectivity, access to US12, etc... to help Grand Mound better handle the demands of a regional tourist destination and a gateway to the Thurston County Bountiful Byway.

Collaboration and Partnerships: The Thurston County will partner with Thurston Regional Planning Council, Washington Department of Transportation and Confederated Tribes of the Chehalis Reservation and others to help guide the study.

Obligation Commitment – This project will obligate after it is in the amended State Transportation Improvement Program.

The study is anticipated to result in the following products:

*A Current Conditions Report detailing results of technical evaluation, regulatory code audit, and public outreach, including community, school, and business surveys. This report will identify safety, mobility, access, infrastructure, and regulatory concerns.

*An Action Plan outlining strategies to address the concerns outlined in the Current Conditions Report, including identifying specific infrastructure improvements and design visualization. Inclusive in this will be developing alternatives that can be tested under future conditions.

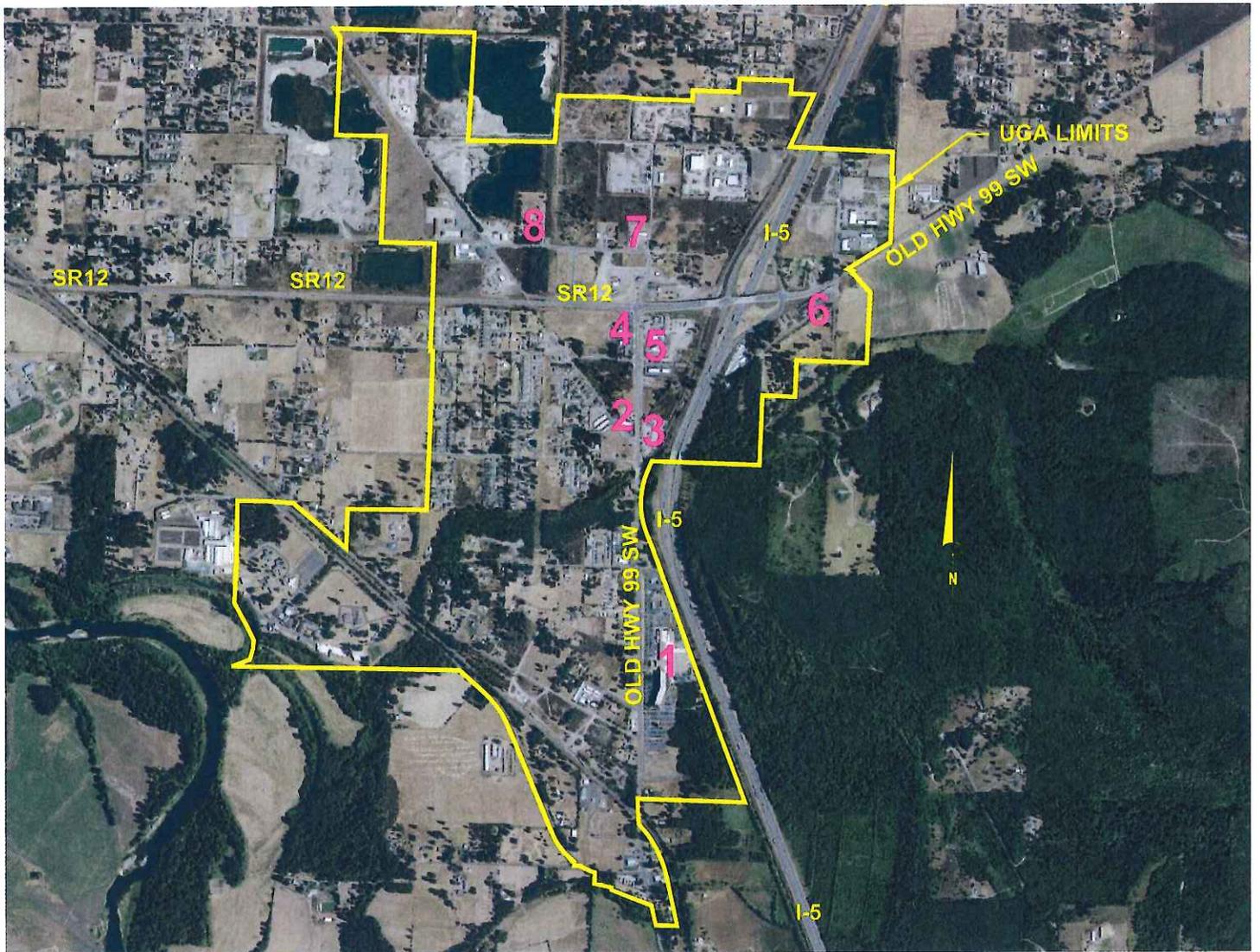
*Future Conditions Report detailing how existing and transportation strategies may operate under future conditions including evaluation of alternatives and indemnification of the preferred transportation strategy

*Preliminary Planning Estimates and investment strategy for infrastructure improvements to prepare for future grant funding.

*Regulatory and Comprehensive Planning Changes such as changes to road standards, frontage improvements, access management, safety, suggestions for updating the Grand Mound Subarea Plan

*A Final Report summarizing the project.

Project Delivery - It is anticipated that Thurston County would hire a transportation consulting firm to complete this study.



— URBAN GROWTH AREA (UGA) LIMITS

SITES WITHIN UGA LIMITS:

- 1 GREAT WOLF LODGE, CHEVRON GAS STATION, BURGER CLAIM
- 2 GRAND MOUND LIQUOR & BEVERAGE, SWEET GREENS NW, FIRST CHOICE SELF STORAGE
- 3 AZTEC TECHNOLOGY CORP.
- 4 KEYBANK, STARBUCKS, JACK IN THE BOX, ARCO GAS STATION
- 5 FIGARO'S PIZZA, QUIZNOS, GOLDEN ELITE TANNING SALON, DQ GRILL RESTAURANT, McDONALD'S, SHELL GAS STATION
- 6 TRAILER BOSS
- 7 TNT TOP NOTCH TRAILERS, R&R RV AND BOAT STORAGE LLC
- 8 ROCHESTER LUMBER, VJ'S BARGAIN BARN

**GRAND MOUND TRANSPORTATION STUDY
(SCALE 1"=1000')**

PROJECT LIMITS: URBAN GROWTH AREA (UGA)