



2016 Regional Surface Transportation Program (STP) Grant Application

PROJECT TITLE: Mullen Rd - Lacey City Limits to Carpenter Rd

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	<input checked="" type="checkbox"/>
Preservation	<input checked="" type="checkbox"/>
Efficiency	<input checked="" type="checkbox"/>

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.

Mullen Road SE is the only east-west corridor between Long Lake and Pattison Lake and the project provides direct access to three schools and a fire station. Local residents, including students, use this route to walk or ride bicycles to school. The existing two lane roadway includes two 12 ft travel lanes, but does not have adequate illumination, stormwater management, or pedestrian and bicycle facilities. This project will reconstruct the road, and add sidewalks, bicycle lanes and street lighting. This project will make a safer corridor for pedestrians, bicyclists, and motorists, extend the life of the roadway, and improve water quality. In addition, it will promote multi-modal transportation by providing sidewalks and bicycle lanes that connect residential areas to local schools and to the major arterial system feeding downtown Lacey and other commercial areas.

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

	Project Location	<u>Mullen Rd SE - City Limits to Carpenter Rd SE</u>
Construction Projects	Type of Construction Project	<u>Re-construction</u>
	Roadway Classification	<u>Urban Minor Arterial</u>
	Length of Construction Project	<u>1 mile</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>N/A</u>
	Type of Program/Service/Study	<u>N/A</u>
	Duration of Program/Service/Study	<u>N/A</u>

PROJECT PHASING AND COSTS

Identify project phases and costs	Phase	Cost
Construction Projects	Preliminary Engineering/Design: <input type="checkbox"/>	\$ _____
(mark the appropriate phase and enter cost)	Right-of-Way: <input type="checkbox"/>	\$ _____
	Construction: <input checked="" type="checkbox"/>	\$ \$2,000,000
Vehicle Acquisition Projects	Vehicle Purchase: <input type="checkbox"/>	\$ _____
Transportation Programs, Services, or Studies	Programs, Studies, or Services: <input type="checkbox"/>	\$ _____

*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 type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Select an alternate federal fiscal year the project <u>could</u> obligate	<input type="radio"/>	<input 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)		*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
From Project Applicant*	Local funding or other sources \$ 291000	
	State funding \$ 4209000	
	STP Grant Request \$ 2000000	
	Total Project/Phase Revenue \$ 6500000	

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 providing a multi-modal facility that provides bike lanes and sidewalks. The sidewalks, bicycle lanes, and bus stops will link pedestrians and bicyclists to the Intercity Transit. The multi-modal facilities also provide safe routes to students attending Lakes and Woodland Elementary Schools and Timberline High School. This project also meets preservation and efficiency goals by rebuilding the roadway and improving capacity to the network by adding a roundabout at Carnerter Rd

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

10/14/16
Date

Project Title: Mullen Rd - Lacey City Limits to Carpenter Rd

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.

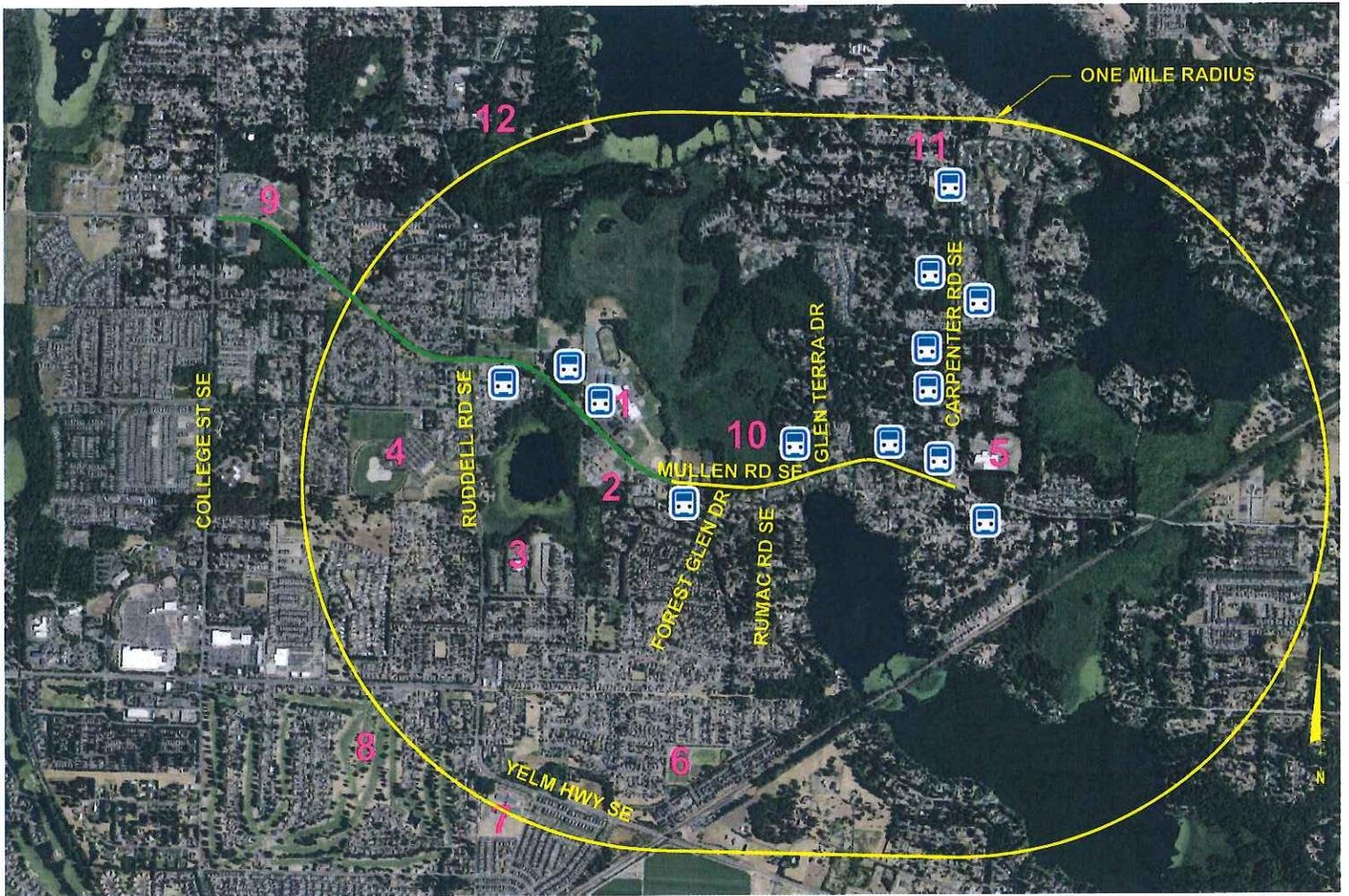
This project is to complete the funding required for construction of the Mullen Rd project between Lacey City Limits and Carpenter Rd (Federal Aid No. STPUS-5292(004)).

Mullen Road provides direct access to Timberline High School, Lakes and Woodland Elementary Schools, and a Fire Station as well as connecting to a large, high density residential area to the City of Lacey's core business area and the Downtown. Mullen Road is the only east-west corridor between Long Lake and Pattison Lake.

Mullen Road is federally classified as a Rural Minor Arterial and is used by more than 7,700 vehicles per day. The proposed project limits extend from City Limits to 500 feet east of Carpenter Rd. Currently the existing corridor between the City of Lacey and Carpenter Rd consists of a two-lane roadway that lacks pedestrian and bicycle facilities. Illumination is inadequate and stormwater management does not meet current Department of Ecology standards. The proposed project would have a typical section which would include two 11 foot travel lanes, 5 foot bicycle lanes, sidewalks and illumination. Retaining walls will be necessary on both sides of the project corridor to reduce impacts to adjacent homes and adjacent wetlands. Drainage will include Low Impact Development treatment and infiltration meeting current stormwater treatment standards.

By providing an efficient, multi-modal facility connecting residential areas to the central business district, it encourages the infill of vacant property in conformance with the goals of the Comprehensive Plan. By providing sidewalks, bike lanes, and bus stops this project links pedestrians and bicyclists to the Intercity Transit transportation network. This makes it convenient and thus more likely for people to walk or bike to bus stops where they can easily get on a bus to take them to their destinations rather than using single occupancy vehicles. This project in combination with the recent City of Lacey improvements will provide continuous bike lanes and sidewalks on Mullen Rd between College St and Carpenter Rd.

This project is listed in the 20 yr portion of the County's Comprehensive Plan. The public will have the opportunity to comment on the project through adoption of the 2016-2021 Regional TIP and at public meetings throughout the design phase. Public Works held a public open house for this project in early 2016 and is expected to have another open house later in 2017. Staff has also met with individual property owners throughout the project corridor as well as neighborhood homeowner associations.



 PROPOSED GRANT -PROJECT LIMITS
 RECENTLY COMPLETED CITY OF LACEY IMPROVEMENTS



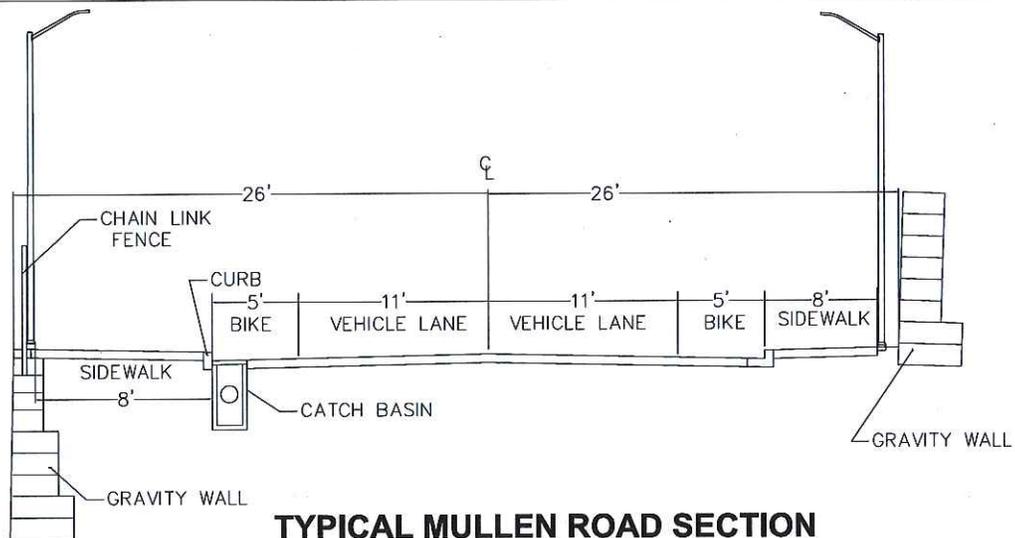
BUS STOPS WITHIN ONE MILE RADIUS

MAJOR SITES:

- 1 TIMBERLINE HIGH SCHOOL
- 2 LAKES ELEMENTARY SCHOOL
- 3 ASPIRE ELEMENTARY SCHOOL
- 4 RAINIER VISTA PARK
- 5 WOODLAND ELEMENTARY SCHOOL

- 6 LAKEPOINT PARK
- 7 CHAMBERS PRAIRIE ELEMENTARY SCHOOL
- 8 CAPITOL CITY GOLF COURSE
- 9 KOMACHIN MIDDLE SCHOOL
- 10 NATURE RESERVE-CITY OF LACEY
- 11 THURSTON COUNTY FAIRGROUNDS
- 12 WONDERWOOD PARK

**MULLEN ROAD SE - SIDEWALK IMPROVEMENTS, 1-MILE RADIUS VICINITY
(SCALE 1"=1200')**

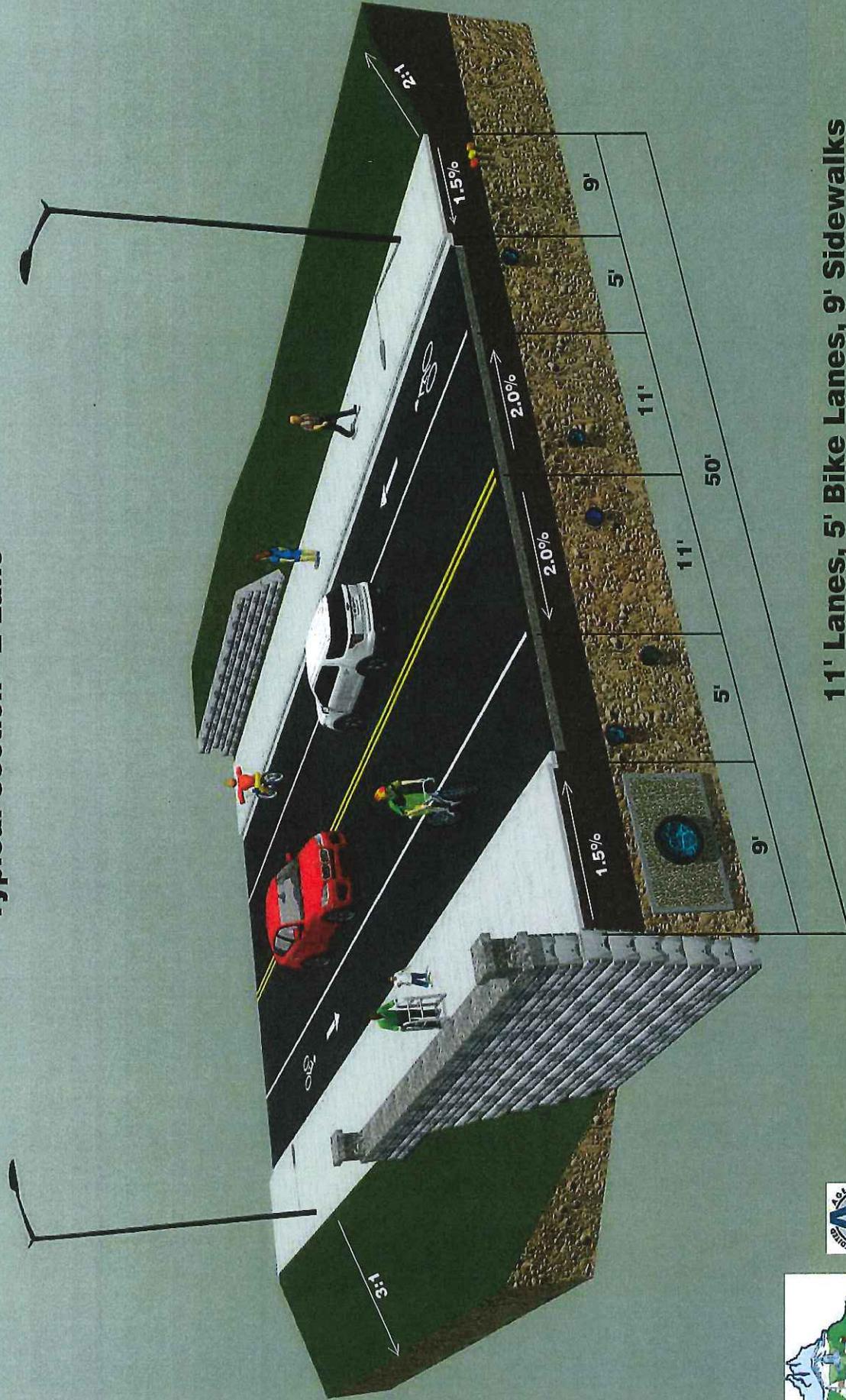




MULLEN RD EXISTING TYPICAL SECTION - 2 LANE

12' Lanes, 4' Shoulders

MULLEN RD - LACEY CITY LIMITS TO CARPENTER RD
Typical Section - 2 Lane



11' Lanes, 5' Bike Lanes, 9' Sidewalks

