



2018 Regional Surface Transportation Program (STP) Grant Application

PROJECT TITLE: Old Hwy 99 / 79th Ave Roundabout		<i>TRPC use only</i>	
<i>If the proposal is programmed in the STIP, please use the same title.</i>			
GENERAL PROJECT INFORMATION			
Agency or Organization	City of Tumwater		
Contact Person	Brandon Hicks		
Phone Number	360-754-4140		
Email Address	bhicks@ci.tumwater.wa.us		
PROJECT CO-SPONSOR (Leave blank if not applicable)			
Agency or Organization			
Contact Person			
Phone Number			
Email Address			
REGIONAL FUNDING PRIORITY (check all that apply)		YEAR OF OBLIGATION (Select the federal fiscal year the project will obligate) *	
		ADVANCE CONSTRUCTION (Select if A/C is an option)	
Safety	<input checked="" type="checkbox"/>	2020	<input checked="" type="checkbox"/>
Preservation	<input type="checkbox"/>	2021	<input checked="" type="checkbox"/>
Efficiency	<input checked="" type="checkbox"/>	2022	<input type="checkbox"/>
<i>*Applicants are expected obligate their project on time if the proposal is selected.</i>			
ELIGIBILITY		Yes	No
Project elements meet all regional eligibility requirements.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Project elements and administration will meet all federal eligibility requirements.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Applicant can demonstrate ability to obligate funding as proposed.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Answering 'No' to any eligibility item above will disqualify the proposal.</i>			
STATUS OF EXISTING FEDERAL PROJECT		Yes	No
Does the applicant have any other federal funded projects underway?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.			
APPLICATION PRIORITY			
If submitting more than one proposal, indicate the priority of this proposal compared to others submitted (i.e. 1, 2, or 3).			1
PROJECT OVERVIEW			
<i>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 pages 3-4.</i>			
<p>Old Highway 99 is a Minor Arterial serving Principal Arterial function in terms of degree of mobility and is approaching the same in terms of traffic volume. As more jobs are created in Tumwater and residential development south of Henderson Blvd continues, the Old Highway 99 Corridor is becoming congested. At present, a single left turning vehicle can cause instantaneous backups exceeding 1/4 –mile during PM peak. 79th Avenue serves significant, and growing, residential and industrial uses and includes a skewed intersection connection to Old Highway 99. The City’s transportation plan identifies this intersection for needed improvements. This project includes preliminary engineering, design, right of way acquisition and construction of a one or two-lane roundabout as determined through modeling. It will in short term facilitate rectifying an intersection LOS deficiency (LOS F) for the minor approach and in long term serve as the launching point for future urbanized corridor improvements to include provisions for non-motorized capacity and safety elements.</p>			

**Really need 2019 PE if possible to determine layout and start gopher consult.

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, The Thurston Regional Trails Plan, Urban Corridor Communities and associated District Plans, Healthy Kids Safe Streets Action Plan, South Thurston Economic Development Initiative, Thurston Thrives, Walk and Roll, Commute Trip Reduction, I-5 Action Plan, Bountiful Byways, Smart Corridors, and the Human Services Coordinated Transportation Plan.

This project would be the first phase of the Old Highway 99 Improvements project which is included as capacity project C19 of the Regional Transportation Plan. All phases of the overall corridor project will include capacity and multi-modal improvements providing safe, efficient and reliable connections to the urbanized city center which includes retail, business and recreational uses for all users. This is a goal common to the Regional Transportation Plan, Sustainable Thurston and Thurston Thrives. The City has completed the Capitol Blvd Corridor Plan and will be constructing the most expensive project derived from that plan, the Trosper/Capitol/6th Avenue project, in 2020 – 2021.

Capitol Blvd becomes Old Hwy 99 at Tumwater Blvd, they are the same corridor with the principle difference being Capitol Blvd is already urbanized while Old Hwy 99 is predominantly rural in construction. The Old Hwy 99 Corridor project would essentially extend urban improvements southward providing access to existing and future facilities to users in the southern portions of the City and County while addressing existing and future capacity deficiencies. This intersection project would act as a launching pad for future corridor improvements.

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

Construction Projects	Project Location:	Old Highway 99 and 79th Avenue intersection
	Type of Construction Project:	Reconstruction - Capacity and Safety
	Roadway Classification:	Minor Arterial
	Length of Construction Project:	0.35 Miles
Vehicle Acquisition Projects	Number of Vehicles:	
	Type of Vehicle:	
Transportation Programs/Services /Studies	Delivery Area:	
	Type of Program/Service/Study:	
	Duration of Program/Service/Study:	

PROJECT PHASING AND COSTS - Identify project phases and costs

		Phase	Cost
Construction Projects (mark the appropriate phase and enter cost)	Preliminary Engineering/Design:	<input checked="" type="checkbox"/>	\$ 400,000.00
	Right-of-Way:	<input checked="" type="checkbox"/>	\$ 440,000.00
	Construction:	<input type="checkbox"/>	\$ 1,660,000.00
Studies, Programs, or Vehicle Acquisition Projects	Planning Studies or Programs:	<input type="checkbox"/>	\$ 0.00
	Vehicle or Capital:	<input type="checkbox"/>	\$ 0.00
Total Project Cost (Sum of all project phase costs identified above):			\$ 2,500,000.00

STP FUNDING REQUEST AND MATCHING REVENUES

<i>*Applicants must provide a minimum of 13.5% non-federal share to federal share. Federal share cannot exceed 86.5% of total project cost.</i>		Non-federal share: \$13,500
		Federal STP Funds: \$86,500
		Total Project Cost: \$100,000
Local funding or other sources:		\$ 1,843,000.00
State funding:		\$ 0.00
Federal STP Grant Request:		\$ 657,000.00
Total Project/Phase Revenue:		\$ 2,500,000.00

*If more than anticipated STP funds become available, the City can obligate up to \$726,600 within approx. 1-year of award in PE and ROW (perhaps more with mitigation and hazardous material unknowns). Any amount above the fund request to \$2,162,500 (86.5% of \$2.5M) could be a potential backup for STP.

Project Title: _____

PROJECT DESCRIPTION & SIGNIFICANCE (2 PAGES MAX, 10 POINT FONT MINIMUM)

Using the space provided below, please address the following in your narrative: Describe the proposed project and why it is a regional funding priority, paying 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 completes or lays the groundwork for subsequent implementation phases. Describe any efforts that will help ensure this project can meet its obligation commitments.

Street Description, Significance, Connectivity, Supported Transportation Modes

Old Highway 99 is a Minor Arterial that serves Principal Arterial function in terms of degree of mobility and is approaching the same in terms of traffic volume ((15,000 ADT prior to additions from large housing developments in the next three to five years including The Preserve Phases 2, 3 and 4 and Bradbury in addition to a planned City of Tumwater Public Works Operations facility relocation to 79th Avenue in the next five years). It is one of the major north-south routes connecting rural portions of Thurston County to the urbanized area of Tumwater, Olympia and Lacey. 79th Avenue serves significant, and growing, residential and industrial uses and includes a skewed intersection connection to Old Highway 99. The City’s transportation plan identifies this intersection for needed improvements.

The primary purpose of this intersection project is without a doubt capacity and safety, but the associated corridor project will also address bicycle network connectivity, latent demand, improved access to community businesses and services, access to transit facilities, increased comfort for pedestrians and bicyclists, health equity and more. The existing Old Hwy 99 Corridor through City Limits consists of one lane in each direction intermittent wide shoulders, lack of driveway access control and either signalized or two way stop control at intersections.

Project Description

This project includes preliminary engineering, design, right of way acquisition and construction of a one or two-lane roundabout at the intersection of Old Highway 99 and 79th Avenue as determined through high level planning/modeling. It will in short term facilitate rectifying an intersection LOS deficiency (LOS F) at the minor approach to the intersection and in long term serve as the launching point for future corridor improvements focusing on capacity and extension of urban improvements from 73rd Avenue to south City Limits.

We are assuming future corridor improvements will likely consist of 2 lanes in each direction for at least the 79th Ave to 73rd Ave segment, continuous medians and roundabouts at select intersections. Preliminary engineering and planning for this project will include high-level planning/modeling efforts to insure the proposed improvements will reasonably function with existing and future corridor needs while also assuring the corridor is not over-built. Details will be worked out through preliminary engineering and planning, but it is assumed improvements not related to vehicle capacity will include curb and gutter, sidewalks, bike lanes, illumination, drainage, utility rehabilitation, replacement or extension as needed and possibly underground conversion of overhead utilities.

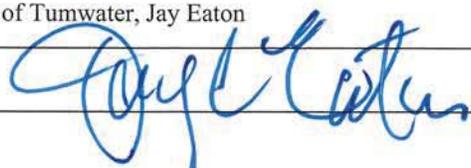
Obligation Commitment

Our grant request has been scaled based on the amount we can obligate in PE and ROW within 1 to 2 years of award if advance construction is an option. Approximately half of the grant request can be obligated as soon as the region needs in the PE phase and the other half can be obligated relatively soon after that. Furthermore, our grant request takes all risks of construction obligation delay that may occur as a result of acquisition or environmental challenges during project development insuring this project does not become a factor in regional obligation commitments. Lastly, in the event PE and ROW are completed sooner than anticipated and any funds from a potential award remains or other funds become available to the region, the City has already acquired Mazama Pocket Gopher mitigation credits that may be applied to this project to expedite project delivery.

Project Title: _____

PROJECT DESCRIPTION & SIGNIFICANCE (continued)

Empty text area for project description and significance.

CERTIFICATION ACCEPTANCE	
CA Agency and Representative	City of Tumwater, Jay Eaton
CA Signature and Date	 4/23/2018

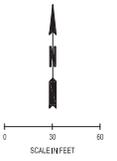
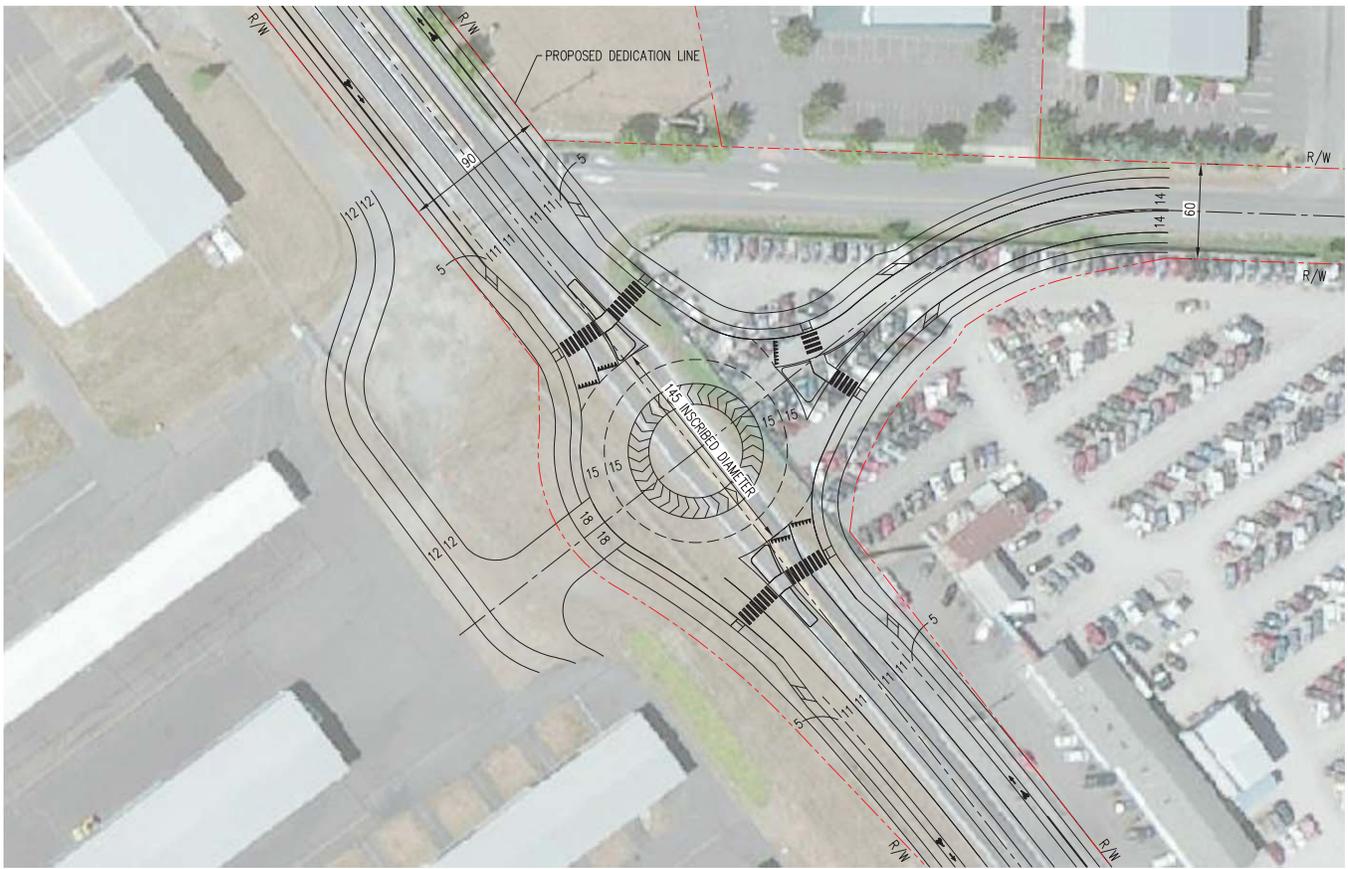
Project Verification and Endorsement

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 TRPC awards the requested STP grant. If selected, **the project must obligate by the date specified on the award letter.** Failure to do so will result in loss of funding for the project and an alternate project will be funded instead. 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.

AUTHORIZATION	
Pete Kmet	Mayor
Name of Representative Authorized to Submit Application	Title
	4/23/18
Signature	Date

Co-AUTHORIZATION	
Name of Representative Authorized to Submit Application	Title
Signature	Date

CONCEPTUAL



THIS DRAWING IS THE PROPERTY OF SCJ ALLIANCE CONSULTING SERVICES. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF SCJ ALLIANCE CONSULTING SERVICES.

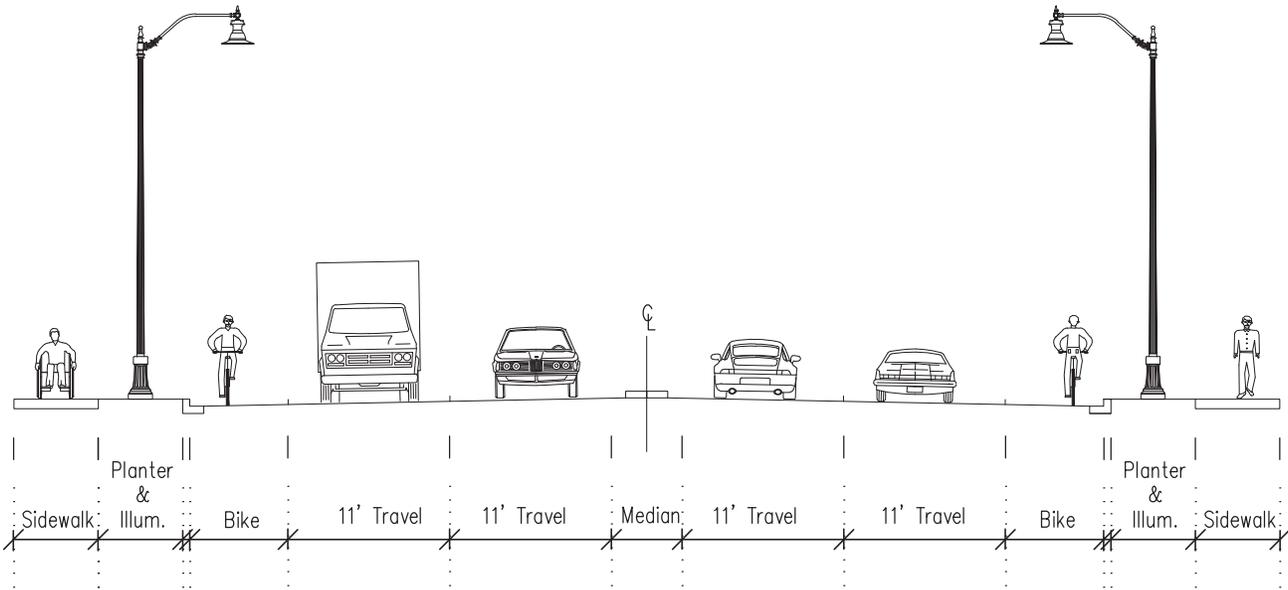
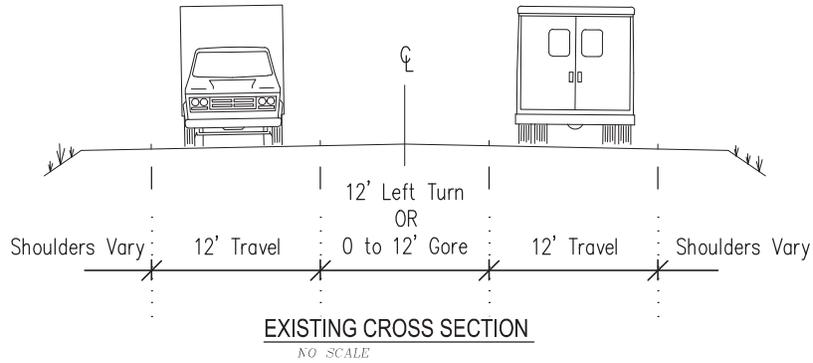
SCJ ALLIANCE
 CONSULTING SERVICES
 8730 TALLON LANE NE, SUITE 200, LACY, WASHINGTON 98516
 P: 360-352-1466 F: 360-352-1809
 SCJALLIANCE.COM

DATE PLOTTED	AS SHOWN
DATE	APRIL 2017
DATE	2
DATE	7/6/15 (SCL)

CITY OF TUMWATER
 RIGHT-OF-WAY WITHOUT VACATION EXHIBIT

DRAWING
RW-1
 SHEET NO.
1 of 2

CONCEPTUAL / PRELIMINARY



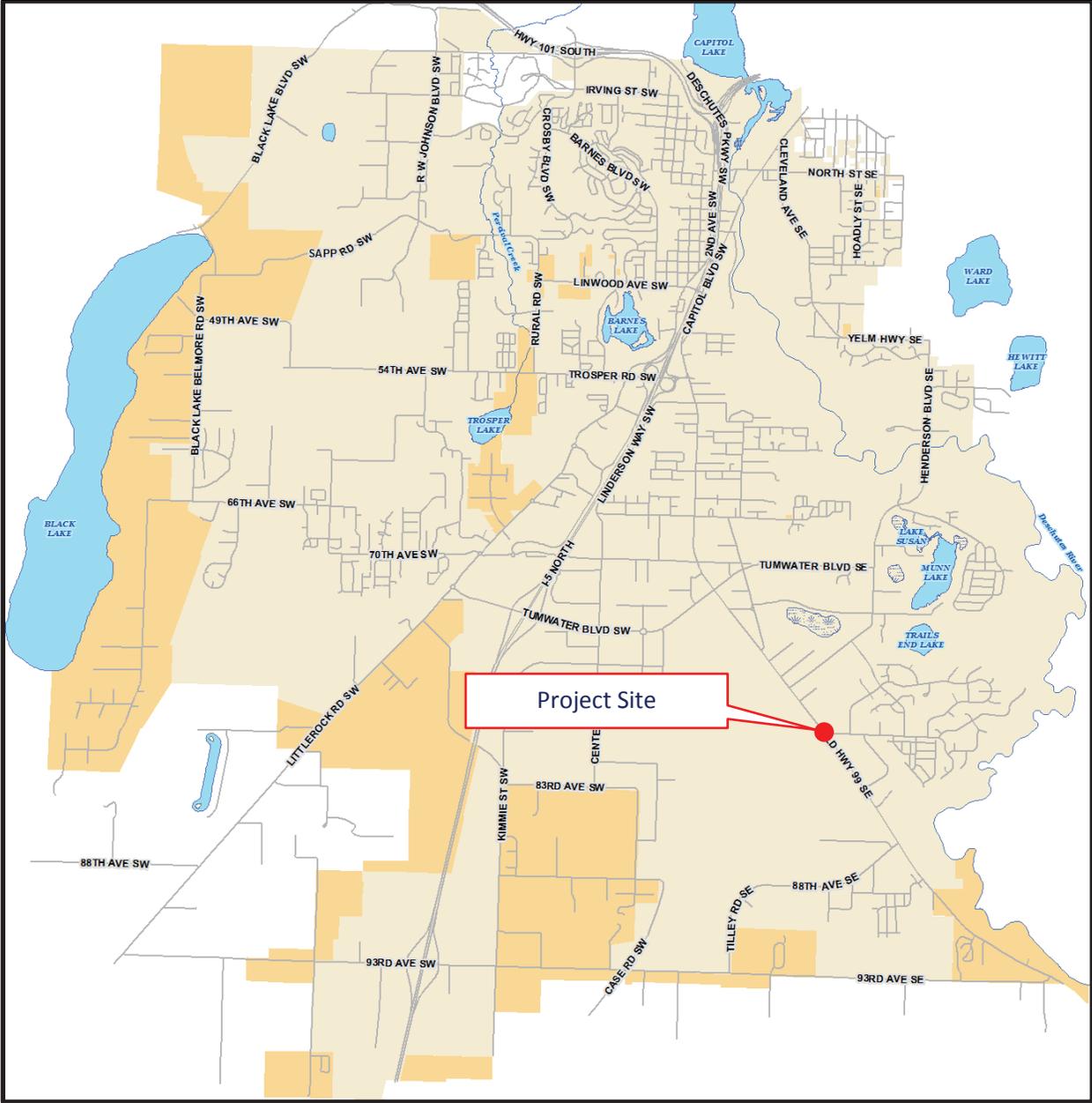
Section is conceptual only. Lane configuration, multimodal facilities and other features to be determined through design.

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

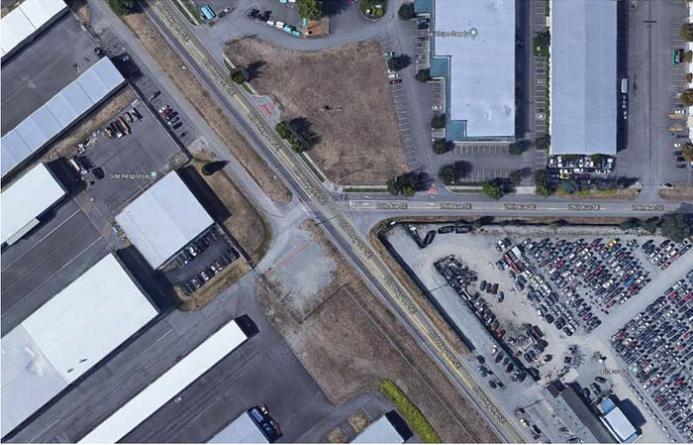
DESIGNED: XXX	SCALES:	JOB NUMBER
DRAWN: XXX	HOR. AS NOTED	ST XXXXX
CHECKED: XX	VERT. AS NOTED	DATE
APPROVED: XXX	FIELD BOOK XX	MAR '18

OLD 99 / 79TH AVE. ROUNDABOUT
TYPICAL CROSS SECTIONS
OLD HIGHWAY 99

DRAWING NUMBER
2
SHEET 2 OF 2



Project Vicinity
 (SEC. 11, T.17N, R 2W)



Picture 1: Aerial of Intersection, oriented true north



Picture 3: Old Hwy 99, looking south at 79th Ave



Picture 2: Old Hwy 99, looking north at 79th Ave



Picture 4: 79th Ave, looking west at Old Hwy 99

Federally Funded projects Underway

Project 1

Project Name: Desoto Street Stabilization and Rehabilitation
Funding Source: STP (granting agency, TRPC)
Year of Award: 2016 and 2018
Progress to Date: The City has completed a bulk of the preliminary engineering activities, no-ROW verification, completed NEPA and submitted SEPA. Our consultant has submitted 60% design for review and we anticipate 100 percent review by early May 2018.
Future obligation commitments and strategy for meeting those obligation commitments in addition to those associated with new project funding: This project has zero risk and will obligate as the City committed, perhaps early.

Project 2

Project Name: Deschutes Valley Trail, Tumwater Historical Park to Falls Park
Funding Source: CMAQ (granting agency, TRPC)
Year of Award: 2016
Progress to Date: The City has completed all preliminary engineering activities, we have 100 percent design submittal from consultant in hand for review, we have completed all environmental and permitting documentation (cleared SEPA and NEPA) and have made offers to all property owners with acquisition areas. We have verbal acceptance on two acquisition areas, but little progress on the other two due to unforeseen circumstances (extensive research for death records and information to clear vesting, expired corporation issues, and other obstacles that could not have been foreseen).
Future obligation commitments and strategy for meeting those obligation commitments in addition to those associated with new project funding: The City of Tumwater is fully committed to taking every possible step to honor our obligation commitments and that is a contributing factor to significant costs the City has incurred on this project. At this time, we are still doing everything within our ability to obligate construction funds for this project as we committed by June/August 2018, however there is a possibility this one will not make commitment date due to unforeseen circumstances (extensive research for death records and information to clear vesting, expired corporation issues, and other obstacles that could not have been foreseen). The City has already begun the process of working with TRPC to resolve regional funding target constraints related to this topic. We are working with our consultant to explore possession and use.

Project 3

Project Name: Capitol Blvd – M Street to Israel Road Feasibility and Pre-Design
Funding Source: STP (granting agency, TRPC)
Year of Award: 2013
Progress to Date: 100% of the project funding has been obligated. The conceptual plans for the corridor improvements have been completed. Work continues on refining the preliminary design for right-of-way, stormwater and utilities. The work has also resulted in the development of a preferred strategy for managing the vehicular and non-motorized traffic at the Capitol Blvd and Trosper Road intersection and surrounding area. The City has completed an Interchange Justification Report, cleared NEPA and started the design and right of way phases for the I-5 / Trosper Rd / Capitol Blvd Reconfiguration project which stemmed from this feasibility and pre-design project.

Future obligation commitments and strategy for meeting those obligation commitments in addition to those associated with new project funding:

Obligation commitments fulfilled, will be closing Summer 2018.

Project 4

Project Name: Deschutes Valley Trail Design – Tumwater Historical Park to Pioneer Park
Funding Source: STP (granting agency, TRPC)
Year of Award: 2013
Progress to Date: 100% of the project funding has been obligated and design completion is anticipated by June 2018.

Future obligation commitments and strategy for meeting those obligation commitments in addition to those associated with new project funding:

Obligation commitments fulfilled and design wrapping up, will be closing project June 2018.

Project 5

Project Name: E Street Extension Corridor Study
Funding Source: STP (granting agency, TRPC)
Year of Award: 2014
Progress to Date: 100% of the project funding has been obligated. Alignment alternatives for the extension between Capitol Boulevard and Cleveland Avenue were developed and a preferred alternative has been selected. Conceptual layouts have been developed for the intersection control at the intersections at Capitol Boulevard and at Cleveland Avenue. Conceptual plan development for E Street/Deschutes Parkway is complete. An additional geotechnical exploration is currently being completed. The project work is approximately 95% complete.

Future obligation commitments and strategy for meeting those obligation commitments in addition to those associated with new project funding:

Obligation commitments fulfilled, will be closing Summer 2018.