



MEMORANDUM

	Program Area	Mission Statement
X	MPO/RTPO	A
	Core Services	
	Contract Services	
	Grant Services	

MEMBERS:

- City of Lacey
- City of Olympia
- City of Rainier
- City of Tenino
- City of Tumwater
- City of Yelm
- Confederated Tribes of the Chehalis Reservation
- Nisqually Indian Tribe
- Town of Bucoda
- Thurston County
- North Thurston Public Schools
- Olympia School District
- Intercity Transit
- LOTT Clean Water Alliance
- Port of Olympia
- PUD No. 1 of Thurston County

ASSOCIATE MEMBERS:

- Lacey Fire District #3
- Puget Sound Regional Council
- The Evergreen State College
- Thurston Economic Development Council
- Timberland Regional Library

TO: Thurston Regional Planning Council

FROM: Holly Gilbert, Senior Planner

DATE: September 1, 2017

SUBJECT: RTIP Amendment 17-10

PURPOSE

Discuss a proposed amendment to the 2017-2020 Regional Transportation Improvement Program (RTIP).

Summary:

- An amendment has been requested to the 2017-2020 RTIP by the WA State Dept. of Transportation to add four new projects, and by the City of Lacey to add one new project.
- The WSDOT project titles are:
 - OR Breakaway Cable Terminal Replacement – Interstate
 - OR Breakaway Cable Terminal Replacement - Non-Interstate
 - OR Redirectional Landform Mitigation
 - US 101/Black Lake Blvd Bridge - Special Repair
- The City of Lacey project title is:
 - College St and Yelm Hwy Super “T” Pavement Rehabilitation
- This project amendment is consistent with the Regional Transportation Plan.

REQUESTED ACTION

Discuss the proposed amendment in preparation for action in October.

Marc Daily
Executive Director

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BACKGROUND

About the RTIP and STIP

The RTIP is a four-year programming document derived from the comprehensive six-year Transportation Improvement Programs (TIPs) that each local agency develops and adopts annually. In turn, the RTIP is used by the state to prepare the State Transportation Improvement Program (STIP).

The RTIP serves these main purposes:

- 1) It identifies a list of transportation projects that will be forwarded to the state for inclusion in the STIP. For federally funded projects, even if project funding has been awarded, it is not available to jurisdictions and agencies until the project is included in the STIP. To be included in the STIP, projects must be programmed for funding (funding-secured) in local Transportation Improvement Plans (TIPs) in the four-year period for both urban and rural areas and meet one or more of the following criteria:
 - a. Have federal funding
 - b. Are WSDOT projects
 - c. Are regionally significant, regardless of funding source.
- 2) It demonstrates financial constraint for the projects referenced above.
- 3) It demonstrates consistency with RCW 36.70A, Section 70 of the Washington State Growth Management Act requiring transportation planning to be coordinated and consistent with local comprehensive plans.
- 4) It demonstrates that regionally significant projects programmed for funding during the time period will not cause or contribute to any new violation of the federal air quality standards for particulate matter of 10 microns or less (PM₁₀), will not increase the frequency or severity of any existing violation of the standards, nor delay timely attainment of the standards.
- 5) It identifies other programmed and planned transportation projects adopted in local six-year Transportation Improvement Programs.

RTIP and STIP Amendments

Federal requirements stipulate that changes to the RTIP require an amendment to the original document, which then triggers an amendment to the STIP. This is important because a jurisdiction cannot proceed with a project for which it has been awarded federal money until the STIP is formally amended and approved by the federal agencies.

Depending upon the kind of change required of the RTIP, this amendment may be a "formal amendment" process or a streamlined "administrative modification." TRPC's amendment and modifying processes for the RTIP incorporates guidance provided by WSDOT on amending and modifying the STIP.

The projects under consideration today require an amendment to the RTIP, which in turn will trigger amendment to the STIP.

Amendment Request

The WA State Dept. of Transportation and the City of Lacey have requested an amendment to the 2017-2020 RTIP in order to add the below five new projects. This requires TRPC action. At your September meeting, the Council will discuss the amendments, in preparation for action in October.

Amendment requested by WSDOT Olympic Region	
Project Title	OR Breakaway Cable Terminal Replacement - Interstate
STIP ID #	300018B-34
Reason for Amendment	To add a new project to the RTIP, which will then be submitted as an amendment to the STIP.
Project Description	The breakaway cable terminal (W-Beam terminal) design does not meet NCHRP 350 specifications, and has been identified for active removal since 1994. This project will complete the work identified earlier and replace these devices before they are hit and the device fails to act as they were intended. Replacing them will increase the safety of the motoring public and reduces the risk to the agency.
Amount	Total cost of the project is \$507,771. Federal HSIP funding is \$78,682 for design (PE) phase, and \$410,384 for Construction (CN) phase. Local funds are \$1,606 for PE, and \$17,099 for CN.
Action	Amend the 2017-2020 RTIP to add the above project.

Amendment requested by WSDOT Olympic Region	
Project Title	OR Breakaway Cable Terminal Replacement - Non-Interstate
STIP ID #	300018C-34
Reason for Amendment	To add a new project to the RTIP, which will then be submitted as an amendment to the STIP.
Project Description	The breakaway cable terminal (W-Beam terminal) design does not meet NCHRP 350 specifications, and has been identified for active removal since 1994. This project will complete the work identified earlier and replace these devices before they are hit and the device fails to act as they were intended. Replacing them will increase the safety of the motoring public and reduces the risk to the agency.
Amount	Total cost of the project is \$103,718. Federal HSIP funding is \$13,242 for design (PE) phase, and \$86,598 for Construction (CN) phase. Local funds are \$270 for PE, and \$3,608 for CN.
Action	Amend the 2017-2020 RTIP to add the above project.

Amendment requested by WSDOT Olympic Region	
Project Title	OR Redirectional Landform Mitigation
STIP ID #	300018R-34
Reason for Amendment	To add a new project to the RTIP, which will then be submitted as an amendment to the STIP.
Project Description	The use of redirection landforms has been discontinued as a means for mitigating fixed objects along the roadway. This project proposes to either remove or shield the landform enhancing motorist safety.
Amount	Total cost of the project is \$84,128. Federal HSIP funding is \$15,655 for design (PE) phase, and \$66,444 for Construction (CN) phase. Local funds are \$673 for PE, and \$1,356 for CN.
Action	Amend the 2017-2020 RTIP to add the above project.

Amendment requested by WSDOT Olympic Region	
Project Title	US 101/Black Lake Blvd Bridge - Special Repair
STIP ID #	310102B-34
Reason for Amendment	To add a new project to the RTIP, which will then be submitted as an amendment to the STIP.
Project Description	This project will repair the compression seal joint. This joint has deteriorated and the repair will increase the structural and functional integrity of the bridge.
Amount	Total cost of the project is \$363,860. Federal HSIP funding is \$99,648 for design (PE) phase, and \$254,859 for Construction (CN) phase. Local funds are \$4,152 for PE, and \$5,201 for CN.
Action	Amend the 2017-2020 RTIP to add the above project.

Amendment requested by City of Lacey	
Project Title	College St and Yelm Hwy Super "T" Pavement Rehabilitation
STIP ID #	Lacey17001
Reason for Amendment	To add a new project to the RTIP, which will then be submitted as an amendment to the STIP.
Project Description	This project will provide a complete pavement rehabilitation on both corridors. The project also includes ADA improvements as required.
Amount	Total cost of the project is \$5,600,000. Federal NHPP funding is \$375,000 for design (PE) phase, and \$3,825,000 for Construction (CN) phase. Local funds are \$125,000 for PE, and \$1,275,000 for CN.
Action	Amend the 2017-2020 RTIP to add the above project.

The Transportation Policy Board (TPB) will consider the amendment request at their September meeting and forward a recommendation to TRPC to be included in your October staff report.

Public comment will be solicited and any received will also be included in your October staff report.