



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
- Tumwater 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 Conservation District
- Thurston Economic Development Council
- Timberland Regional Library

MEMORANDUM

TO: Thurston Regional Planning Council

FROM: Theresa Julius, Transportation Modeler

DATE: September 29, 2023

SUBJECT: 2024 – 2027 Regional Transportation Improvement Program (RTIP)

PURPOSE

Take action on the proposed final 2024 – 2027 Regional Transportation Improvement Program (RTIP).

Summary:

- Thurston Regional Planning Council (TRPC) is responsible for developing an annual RTIP.
- In September TRPC received a briefing on the DRAFT 2024 –2027 RTIP.
- The RTIP is a four-year programming document derived from local six-year Transportation Improvement Programs (TIP).
- The RTIP includes federally-funded, state-sponsored and regionally significant* projects. It is prepared annually to provide a list of funding secured projects (Tables 1 & 2), identify other secured and proposed transportation projects (Appendix A). Table 1 attached.
- The Transportation Policy Board (TPB) recommends TRPC adopt the 2024 – 2027 RTIP.
- The comment period on the draft document was Aug. 30 through Sept. 13. Comments received were added to Appendix D Public Participation Summary. Comments are attached.
- Printed copies of the complete text are available by request to TRPC at 2411 Chandler Court SW, Olympia, WA 98502; (360) 956-7575 in advance of the meeting. The complete text is also available online: www.trpc.org/RTIPdraft.

REQUESTED ACTION

Approve resolution 2023-07 adopting the 2024 – 2027 Regional Transportation Improvement Program.

Attachments



Marc Daily
Executive Director

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BACKGROUND

Thurston Regional Planning Council (TRPC) is responsible for developing an annual RTIP. In September, TRPC received a briefing on the DRAFT 2024 – 2027 Regional Transportation Improvement Program (RTIP).

The RTIP is a four-year programming document which provides a list of funding secured projects (Tables 1 & 2), identifies other secured and proposed transportation projects for the same period (Appendix A).

The Comment Period on the draft document ran from Aug. 30 through Sept. 13. Comments received are attached.

The Transportation Policy Board reviewed the draft RTIP at their September meeting and recommends that TRPC adopt the 2024 – 2027 Regional Transportation Improvement Program (RTIP).

The complete text of the RTIP is available online: www.trpc.org/RTIPdraft. Printed copies of the complete text are available by request to TRPC at 2411 Chandler Court SW, Olympia, WA 98502; (360) 956-7575 in advance of the meeting.

EQUITY CONSIDERATIONS

1. What are the equity impacts of this particular decision?

The RTIP includes a wide range of transportation projects throughout Thurston County including transit, multi-modal (walk and bike), safety, efficiency, and maintenance, identifying improvements which benefit everyone. As federally funded transportation projects receive funding and go to construction, environmental justice review will be conducted on a project-by-project basis.

footnote

*Regionally Significant projects - A transportation project on a facility that serves regional transportation needs. Regionally significant projects are normally included in the modeling of the metropolitan planning area's transportation network and result in a change in vehicle capacity in the regional travel demand model.

THURSTON REGIONAL PLANNING COUNCIL

RESOLUTION 2023 - 07

RELATING TO THE 2024-2027 Regional Transportation Improvement Program for the THURSTON REGION.

WHEREAS, the Thurston Regional Planning Council (TRPC), under its designation as the Metropolitan Planning Organization (MPO) and Regional Transportation Planning Organization (RTPO) for the THURSTON COUNTY region, has the responsibility for developing and adopting a Regional Transportation Improvement Program (RTIP); and

WHEREAS, transportation improvement projects must be included in the Regional Transportation Improvement Program to be eligible for federal assistance under Federal Transit Administration and Federal Highway Administration funding programs; and

WHEREAS, Thurston Regional Planning Council certifies that the requirements of 23 USC, Section 134 are met. Certification is a joint MPO/WSDOT statement concerning the planning process and is updated every two years; and

NOW THEREFORE BE IT RESOLVED BY THE THURSTON REGIONAL PLANNING COUNCIL:

THAT the 2024-2027 Regional Transportation Improvement Program is found to be in conformity with the federal and state Clean Air Acts and Fixing America's Surface Transportation (FAST) Act requirements; and

THAT the scope and content of the 2024-2027 Regional Transportation Improvement Program be approved with the understanding that minor changes may be required after federal review.

ADOPTED this 6th day of October 2023.

ATTEST:

Marc Daily
Executive Director

Hilary Seidel, Chair
Thurston Regional Planning Council

Table 1 Summary Table of RTIP Projects

Project Title & Description	Agency	Performance* Measure	Regionally Significant	RTP Project ID or ITS Arch.	Phase	Year	Federal Fund Code	Federal	State/Local	Total
NE Lacey Operational Support Terminal Facility										
Design, engineer and construct an Operations terminal at the intersection of Martin Way and Dutterow/ Meridian to allow a safe and more efficient turn-around for frequent transit service or BRT type service serving the Martin Way Corridor.	Intercity Transit	8, 9	Yes	T8	PL	2024	STBG(UM)	\$173,000	\$27,000	\$200,000
					PE	2024	STBG(UM)	\$562,250	\$337,750	\$900,000
					RW	2024	-	\$0	\$456,760	\$456,760
					RW	2024	CRP(UM)	\$210,403	\$32,837	\$243,240
Pattison MOA Rehabilitation, Expansion & Modernization										
This project will complete improvements and modernization of the Pattison Fleet Maintenance building, including pavement replacement, new stormwater system, and propane fueling station along with all remaining South parcel site improvements as required for re-development. This is a multiyear project and the funding programmed reflects the funds within the span of the STIP.	Intercity Transit	21	No	T11	CN	2025	5307	\$5,500,000	\$1,375,000	\$6,875,000
					CN	2025	5339	\$350,000	\$70,000	\$420,000
					CN	2026	5307	\$5,500,000	\$1,375,000	\$6,875,000
					CN	2026	-	\$0	\$5,407,045	\$5,407,045
Propane-Fueled Van for Dial-A-Lift Service (2024)										
Purchase of 1 Propane-Fueled Van for Dial-A-Lift service.	Intercity Transit	20	No	-	CN	2024	CMAQ	\$134,950	\$21,062	\$156,012
Walk N Roll for 2025/2026 and 2026/2027										
The Walk N Roll program reduces drive-alone trips to school and builds the next generation of safe and healthy pedestrians, cyclists, and transit users. This continuing, established, school-based public education and outreach program helps students and families to access their community through active and sustainable forms of transportation, and positively influences safe walking and bicycling behavior and improves air quality by reducing congestion and idling around schools.	Intercity Transit	5	No	-	PL	2024	TA(UM)	\$258,000	\$40,266	\$298,266
Zero Fare Bus Stop Access Improvements										
This project will renovate frequently used bus stops to increase transit operating efficiency, reduce passenger travel times, and increase passenger safety and access.	Intercity Transit	5	No	-	PL	2024	FTA	\$182,595	\$45,649	\$228,244
					PE	2025	FTA	\$273,893	\$68,473	\$342,366
					CN	2026	FTA	\$1,369,462	\$342,365	\$1,711,827
College Street Corridor Improvements Phase 3										
Per the 2009 College Street Corridor Study, this project will widen the roadway to include a planted center median, auxiliary left turn lanes, sidewalks, with typical urban amenities. This includes a traffic control roundabout at 16th Avenue SE.	Lacey	1 - 5	Yes	C42	RW	2025	STBG(UM)	\$3,456,992	\$539,531	\$3,996,523
					RW	2025	TA(UM)	\$484,750	\$75,655	\$560,405
Fones Road - Transportation										
Improvements include enhanced bike lanes, sidewalks, planter strips and or stormwater swales, new lighting, crosswalk enhancements, a trail crossing improvement, a compact roundabout, an asphalt overlay, lane reconfiguration, and medians.	Olympia	1 - 5	Yes	C17	CN	2024	-	\$0	\$6,220,780	\$6,220,780
					CN	2024	CRP(UM)	\$210,404	\$32,838	\$243,242
					CN	2024	-	\$0	\$4,068,291	\$4,068,291
					CN	2025	CMAQ	\$463,875	\$1,139,825	\$1,603,700
					CN	2025	STBG(UM)	\$2,040,118	\$318,400	\$2,358,518
					CN	2025	TA(UM)	\$383,775	\$320,995	\$704,770

Project Title & Description	Agency	Performance* Measure	Regionally Significant	RTP Project ID or ITS Arch.	Phase	Year	Federal Fund Code	Federal	State/Local	Total
2024 County Road Safety										
These projects align with the Washington State Target Zero plan, to reduce fatal and serious injury collisions to zero by the year 2030. Install/upgrade signing, make clear zone improvements (remove fixed objects, upgrade crashworthiness of objects, flatten slopes, barriers), install rumble strips, install radar speed signs and widen shoulders (to provide for safe stopping areas), and construct a midblock crosswalk on Yelm Hwy at the intersection of the Chehalis Western Pedestrian Bridge.	Thurston County	1 - 5	No	-	CN	2024	HSIP	\$2,313,000	\$0	\$2,313,000
Countywide Electrical Services Project (HSIP)										
Provide street lighting and channelization improvements at several locations throughout the county.	Thurston County	1-5	No	-	CN	2024	HSIP	\$1,215,000	\$135,000	\$1,350,000
Littlerock Road & 113th Ave. SW Bridge and Intersection Improvements										
The project will replace the L-5 bridge and improve intersection conditions at 113th Ave SW and Littlerock Rd SW. The intersection will be improved through the addition of a left turn pocket.	Thurston County	1 - 4, 17	No	-	CN	2025	STBG(R)	\$1,762,460	\$925,258	\$2,687,718
Old Hwy 99 at Intersections of Sargent Rd and 201st Ave										
Construct a roundabout at Old Hwy 99 and 201st Avenue and a right in right out at Old Hwy 99 and Sargent Rd intersection. The proposed project will include sidewalk, bike lanes, illumination and drainage improvements.	Thurston County	1 - 5, 17	Yes	C22	CN	2026	STBG(US)	\$664,700	\$1,258,622	\$1,923,322
					CN	2026	TA(US)	\$199,300	\$377,378	\$576,678
SR 507 and Vail Rd SE Roundabout										
Construct a single-lane roundabout at the intersection of SR 507 and Vail Rd SE. Project is in coordination with WSDOT project 350730R-34 SR 507/Vail Rd SE Intersection.	Thurston County	1 - 4, 17	Yes	O2	PE	2024	-	\$0	\$561,460	\$561,460
					RW	2025	-	\$0	\$10,000	\$10,000
					CN	2026	-	\$0	\$1,935,540	\$1,935,540
SFY 2025 Regional Transportation Planning Priorities										
Planning activities in the work program of regionally determined transportation initiatives. See TRPC UPWP. Project is fully funded with federal funds using Toll Credits as local match.	TRPC	1 - 5, 17	No	-	PL	2024	STBG(UM)	\$750,000	\$0	\$750,000
Thurston County Bicycle Map, 8th Edition										
This project will update the Thurston County Bicycle Map.	TRPC	5	No	-	PL	2024	STBG(R)	\$43,250	\$6,750	\$50,000
Israel Rd & Linderson Way Pedestrian and Bicycle Improvements										
Roadway and multi-modal improvements including construction of refuge island(s), reconstruction of select sidewalk segments and curb ramps, extend bike lanes, signal improvements, roadway and other improvements.	Tumwater	1-5	No	-	CN	2024	TA(UM)	\$370,000	\$1,115,579	\$1,485,579
					CN	2024	CRP(UM)	\$210,404	\$0	\$210,404
					CN	2025	TA(UM)	\$250,000	\$39,017	\$289,017
Percival Creek Fish Passage Barrier Removal										
Replacement of a full barrier culvert with a four-sided box culvert. Additionally, will include placement of large woody material structures and regrading of stream. Includes roadway reconstruction and the addition of bike lanes and sidewalks throughout.	Tumwater	3, 5	No	-	CN	2024	PROTECT	\$2,000,000	\$0	\$2,000,000
Traffic Signal Controller & Detection Upgrade										
Replacement of controllers, detection equipment, and necessary associated hardware at various intersections throughout the City.	Tumwater	1-5	No	-	CN	2024	CMAQ	\$268,150	\$41,850	\$310,000

Project Title & Description	Agency	Performance* Measure	Regionally Significant	RTP Project ID or ITS Arch.	Phase	Year	Federal Fund Code	Federal	State/Local	Total	
SR 507/Vail Rd SE Intersection - Compact Roundabout											
This intersection has been identified as a candidate for Intersection Systemic Safety. By constructing a compact roundabout, this project has the potential to reduce the frequency and severity of collisions and improve motorist safety. Construct a compact roundabout. Project is in coordination with Thurston County project WA-15359 SR 507 and Vail Rd SE Roundabout.	WSDOT - OLY	1 - 4, 17	Yes	O2	PE	2024	HSIP	\$503,153	\$58,307	\$561,460	
					RW	2024	HSIP	\$9,771	\$199	\$9,970	
					CN	2024	HSIP	\$2,432,336	\$49,639	\$2,481,975	
SR 510/McAllister Ct SE & Rockcress Dr I/S - Compact Roundabout											
This intersection has been identified as a candidate for Intersection Systemic Safety. By constructing a compact roundabout, this project has the potential to reduce the frequency and severity of collisions and improve motorist safety. Construct a compact roundabout.	WSDOT - OLY	1 - 4, 17	No	-	PE	2024	HSIP	\$570,250	\$64,325	\$634,575	
					CN	2024	HSIP	\$863,653	\$17,625	\$881,278	
SR 510/Yelm Loop - New Alignment Phase 2											
Traffic through the City of Yelm is extremely congested at the present time. This project will construct the second stage of a new alignment for SR 510 through the City of Yelm. When complete, this project will relieve congestion and improve motorist safety. New alignment.	WSDOT - OLY	1 - 5, 17	Yes	O13	CN	2024	-	\$0	\$63,789,358	\$63,789,358	
US 101/On Ramp to NB I-5 - Bridge Painting											
The steel components of this structure require cleaning and painting to delay deterioration. Clean and paint the structure to extend the service life of the bridge. Clean and paint steel bridge 101/515 E-N.	WSDOT - OLY	14	No	-	PE	2024	NHPP	\$884,355	\$98,262	\$982,617	
Coates Ave NW - Killion to Cullens RD											
Project will provide new roadway on Coates Avenue NW between Killion Road and Cullens Road. Project will include sidewalks, curbs, gutters, full utilities, street lights, stormwater, water, sewer, S.T.E.P. (septic tank effluent pumping), reclaimed water services for landscaping and irrigation systems, power, gas, and a future fiber system for SCADA (Supervisory control and data acquisition).	Yelm	1 - 5	Yes	A28	PE	2027	-	\$0	\$150,000	\$150,000	
Rhoton Road NW Reconstruction											
Reconstruction of Rhoton Road NW from Railway St SE to the intersection of the planned Yelm Loop Ph 2. Project will include street lighting and new pedestrian sidewalk on both sides. PE is fully funded with federal funds using Toll Credits as Local Match.	Yelm	1 - 5	No	-	PE	2025	STBG(US)	\$745,450	\$0	\$745,450	
					PE	2025	TA(US)	\$104,550	\$0	\$104,550	
								<i>Total</i>	<i>\$37,714,249</i>	<i>\$92,949,691</i>	<i>\$130,663,940</i>

RTP Project ID refers to the corresponding project identification code used in the 2045 Regional Transportation Plan available online at www.trpc.org.

*Performance Measure (see Appendix C for more details):

1. Number of fatalities on all public roads
2. Number of fatalities per 100 million vehicle miles traveled (VMT) on all public roads
3. Number of serious injuries on all public roads
4. Number of serious injuries per 100 million VMT on all public roads
5. Number of non-motorist fatalities and serious injuries on all public roads
6. Fatalities: Total number of fatalities reported to the National Transit Database (NTD) and rate per total vehicle revenue miles (VRM) by mode.
7. Injuries: Total number of injuries reported to NTD and rate per total VRM by mode.
8. Safety Events: Total number of safety events reported to NTD and rate per total VRM by mode.
9. System Reliability: Mean distance between major mechanical failures by mode.
10. Percent of Interstate Pavement on the National Highway System in good condition
11. Percent of Interstate Pavement on the National Highway System in poor condition
12. Percent of non-Interstate Pavement on the National Highway System in good condition
13. Percent of non-Interstate Pavement on the National Highway System in poor condition
14. Percent of National Highway System Bridges classified in good condition (weighted by deck area)
15. Percent of National Highway System Bridges classified in poor condition (weighted by deck area)
16. Percent of person-miles traveled on the Interstate System that are reliable
17. Percent of person-miles traveled on the Non-Interstate National Highway System that are reliable
18. Truck Travel Time Reliability (TTTR) Index (on the Interstate System)
19. Equipment: The percentage of non-revenue service vehicles (by type) that meets or exceeds the (ULB)
20. Rolling Stock: The percentage of revenue vehicles (by type) that meets or exceeds the ULB (Buses, Paratransit Vans, and Vanpools)
21. Facilities: The percentage of facilities (by group) that are rated less than 3.0 on the Transit Economic Requirements Model (TERM) Scale

Note: modes for transit safety performance targets are fixed route, paratransit, and vanpool.