

Jefferson County Board of Commissioners
Agenda Request

To: Board of Commissioners
Mark McCauley, County Administrator

From: Monte Reinders, PE, Public Works Director/County Engineer *MR*

Agenda Date: November 12, 2024

Subject: Adoption of the 2025-2030 Six-Year
Transportation Improvement Program

Statement of Issue:

Conduct a public hearing for the purpose of receiving public testimony concerning adoption of the 2025-2030 Jefferson County Six-Year Transportation Improvement Program (TIP.)

Analysis / Strategic Goals / Pros & Cons:

RCW 36.81.121 requires the annual adoption of a 6-Year TIP after holding a public hearing. The purpose of the law is to, "assure that each county shall perpetually have available advanced plans looking to the future for not less than six years as a guide in carrying out a coordinated transportation program" (RCW 36.81.121(1)).

Fiscal Impact / Cost-Benefit Analysis:

The TIP is a planning document and identifies the likely availability of outside grant and program funding from the State and Federal government and local revenues. Fiscal impact is evaluated through the ensuing 6-yr Road Fund Projections and the county budgeting process including adoption of an Annual Construction Program.

Recommendation:

After considering public testimony, approve by Resolution the 2025-2030 Six-Year Transportation Improvement Program. Return a signed copy of the resolution to Public Works for further processing.

Department Contact:

Eric Kuzma, 360-385-9167

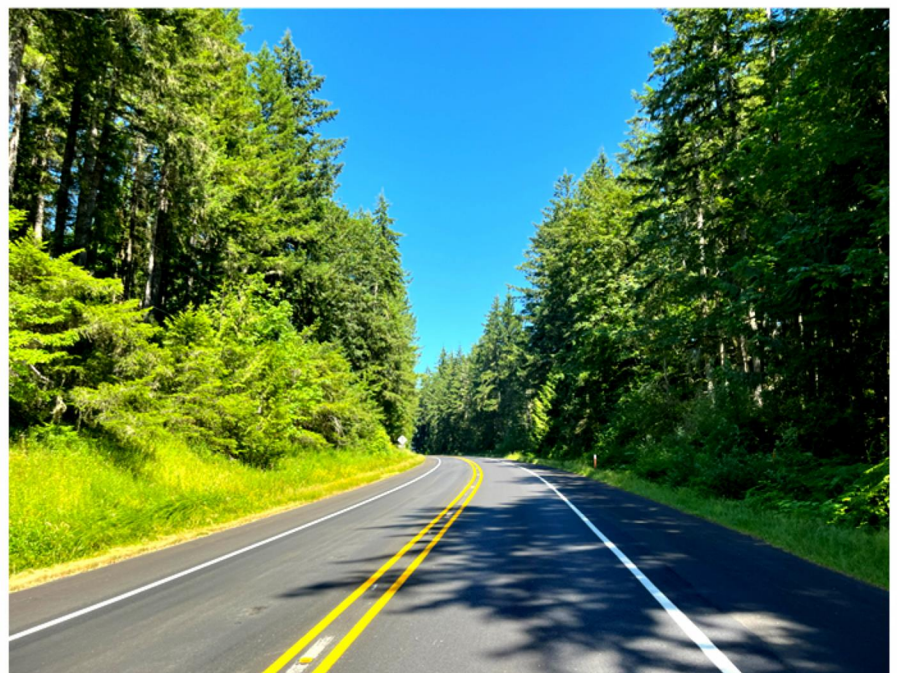
Reviewed By:


Mark McCauley, County Administrator

4/5/24
Date



Jefferson County Public Works Draft 2025 - 2030 Six-Year Transportation Improvement Program



Jefferson County Public Works
623 Sheridan Street
Port Townsend, WA 98368
Phone: 360-385-9160
www.co.jefferson.wa.us/publicworks

NOTICE OF PUBLIC HEARING

Jefferson County 2025-2030 Six-Year Transportation Improvement Program

NOTICE IS HEREBY GIVEN that a public hearing is scheduled by the Jefferson County Board of Commissioners for **TUESDAY, November 12, 2024 at 10:30 a.m.** in the Commissioners' Chambers, County Courthouse, 1820 Jefferson Street, Port Townsend, WA 98368 (HYBRID). Notice of said hearing is to be published twice in the official newspaper of Jefferson County.

This hearing is for the purpose of receiving written and verbal testimony about the adoption of the draft Jefferson County 2025-2030 Six-Year Transportation Improvement Program (TIP). "Each county shall perpetually have available advanced plans looking to the future for not less than six years as a guide in carrying out a coordinated transportation program, RCW 36.81.121(1)."

The information is available for viewing at the Commissioners' office (open 8:30 a.m.-4:30 p.m.), the Jefferson County Public Works office, 623 Sheridan Street, Port Townsend (open 8:00 a.m.-5:00 p.m.), and on the Jefferson County website by navigating to: www.co.jefferson.wa.us/444/6-Yr-TIP

Jefferson County ensures full compliance with Title VI of the Civil Rights Act of 1964 by prohibiting discrimination against any person on the basis of race, color, or national origin in the provision of benefits and services resulting from its federally assisted programs & activities. The meeting site is ADA accessible. Accommodations for people with disabilities can be arranged with advance notice by calling 360-385-9100.

You are welcome to participate in this hearing. You will need to join the meeting by 10:30 a.m. using the following methods: **VIRTUALLY:** Via the following Zoom, link: <https://zoom.us/j/93777841705>, **PHONE:** Dial 1-253-215-8782 and enter access code: 937-7784-1705# and press *9 to "raise your hand" to be called upon. Access for the hearing impaired can be accommodated using Washington Relay Service at 1-800-833-6384, or **IN-PERSON**

In addition, written testimony is also invited beginning on October 30, 2024 and ending on November 12, 2024, at the end of the Public Hearing, unless extended by the Board of County Commissioners. Written public testimony may be submitted by **Email to:** jeffbocc@co.jefferson.wa.us You may view documents and testimony received by visiting: www.co.jefferson.wa.us and following this pathway – Services – Laserfiche Web Portal (username and password is: public) – Board of Commissioners – BOCC Agenda Packets – 2024 Weekly Agenda Items – 11 November 2024 – 111224

You can also **Mail** your testimony to: Jefferson County Commissioners' Office; P.O. Box 1220, Port Townsend, WA 98368. Written testimony must be received by the Board of County Commissioners by the end of the hearing testimony period.

Signed this 28th day of October, 2024,

JEFFERSON COUNTY BOARD OF COMMISSIONERS
Kate Dean, Chair

**COUNTY OF JEFFERSON
STATE OF WASHINGTON**

In the Matter of Adoption of the }
2025-2030 Six-Year Transportation }
Improvement Program (TIP) }

RESOLUTION NO. _____

WHEREAS, State law obligates the legislative authority of each county to adopt on an annual basis a Six-Year Transportation Improvement Program (TIP), holding a public hearing prior to adoption, the purpose of which is to, “assure that each county shall perpetually have available advanced plans looking to the future for not less than six years as a guide in carrying out a coordinated transportation program” (RCW 36.81.121(1)); and,

WHEREAS, an analysis of the Road Fund was prepared covering the six-year program period using the County’s best estimate of future revenues and expenditures in accordance with WAC 136-15-030; and,

WHEREAS, the Board of County Commissioners, Jefferson County, State of Washington, has reviewed the TIP project array and Bridge Condition Report as prepared by the Department of Public Works, and has conducted a public hearing on the corresponding proposed Six-Year Transportation Improvement Program;

BE IT RESOLVED that the Board of County Commissioners does approve and adopt the Six-Year Transportation Improvement Program for the years 2025 through 2030 in accordance with WAC 136-15.

ADOPTED and signed this _____ day of _____ 2024.

JEFFERSON COUNTY
BOARD OF COMMISSIONERS

Kate Dean, District 1

Heidi Eisenhour, District 2

ATTEST:

Carolyn Gallaway, CMC
Clerk of the Board

Greg Brotherton, District 3



Jefferson County, WA Transportation Improvement Program 2025-2030

- Funding Secured
- Planned (unfunded)
- Partially Funded

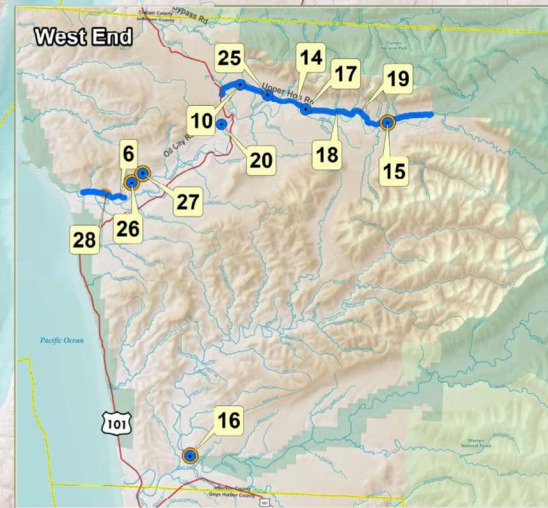
Refer to 2025 -2030 6-Year TIP Project List for detailed information
<https://www.co.jefferson.wa.us/444/6-Yr-TIP>

1. Quilcene Complete Streets - Phase 1
2. 4 Corners Rd. to Anderson Lake State Park Olympic Discovery Trail (ODT) Connection
3. Lords Lake Loop Road Slide Repair
4. Shine Road Slide Repair
5. Little Quilcene River Bridge Replacement
6. Oil City Road Engineering Assessment (West End Map)
7. Rhody Drive Ped-Bike Improvements - North Segment
8. Rhody Drive Ped-Bike Improvements - South Segment
9. Olympic Discovery Trail (ODT) PSP Project
10. Hell Roaring Creek Culvert Replacement, Upper Hoh Road (West End Map)
11. Big Quilcene River Bridge Replacement Project
12. Van Trojan Road Bituminous Surface Treatment
13. Port Townsend Gateway Project
14. Upper Hoh Road Dolosse Monitoring (West End Map)
15. Upper Hoh Road Spruce Creek Mitigation (West End Map)
16. Donkey Creek Tributary Culvert Replacement, Clearwater Road (West End Map)
17. Lindner Creek Culvert Replacement, Upper Hoh Road (West End Map)
18. Upper Hoh Road Pavement Preservation - FLAP Project (West End Map)
19. Upper Hoh Road Bank Stabilization - FLAP Project (West End Map)
20. Oil City Road Culvert Replacement (Bridge) MP 0.5 - FLAP Project (West End Map)
21. Center Road Culvert Correction - Chimacum Creek
22. Paradise Bay Road Overlay
23. Rick Tollefson Trail - Ballfield Connection
24. Duckabush Estuary Restoration - Realignment Project
25. Snell Creek Culvert Replacement, Upper Hoh Road (West End Map)
26. Oil City Road Unnamed Tributary Culvert Replacement (West End Map)
27. Oil City Road Six Mile Creek Culvert Replacement (West End Map)
28. Oil City Road MP 8.8-8.9 Permanent Repair (West End Map)
29. West Valley Safe Routes to School Project
30. Yarr Bridge Replacement
31. Quilcene Complete Streets - Phase 2
32. Olympic Discovery Trail (ODT) - West
33. Countywide Safety Improvements (multiple locations - not shown on map)
34. Elsie Lopenan Trail Extension
35. Paradise Bay Road Overlay - Phase 2
36. Countywide Safety Improvements (multiple locations - not shown on map)
37. Countywide Bridge Heavy Maintenance (multiple locations - not shown on map)
38. Countywide Various Road Improvements (multiple locations - not shown on map)
39. Tarboo Creek Culverts Replacement Project

Map Areas



West End



**DRAFT SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2025 - 2030**

FUNCTIONAL CLASS	TIP PROJECT #	PROJECT IDENTIFICATION •Road Log Number / Bridge Number •Road Name(s) & Beginning /End Milepost •Project Number •Description of Work •Total Cost (incl. prior/future) & Fund Source	IMPROVEMENT TYPE	FUNDING STATUS	ENVIRONMENTAL ASSESS	FREIGHT & GOODS CLASS.	TOTAL LENGTH (mi.)	PROJECT COSTS IN DOLLARS							EXPENDITURE SCHEDULE											
								PROJECT PHASE	MONTH / YEAR FUND STARTS	FUNDING SOURCE INFORMATION					OTHER REVENUES	LOCAL FUNDS	TOTAL	YEAR 1 2025	YEAR 2 2026	YEAR 3 2027	YEAR 4 2028	YEAR 5 2029	YEAR 6 2030	TOTAL 2025-2030		
										FEDERAL FUNDS		STATE FUNDS														
										FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE													
03	1	US 101 & County Roads MP 294.6 to MP 295.0 (18019330) Quilcene Complete Streets - Phase 1 Publicly driven ped/bike improvements involving: US 101, traffic calming, sidewalk, crosswalk & lighting improvements with a focus on connecting to the school campus. Total = \$997,500 (WSDOT + \$95,660 from PIF)	28	S	E	T-3	0.50	PE R/W CN Total	1/13 3/20 6/25	 PBP	 695,350	 95,660	 791,010	 791,010	 791,010	 791,010	 791,010	 791,010	 791,010	 791,010						
N/A	2	85020 4 Corners Rd. to Anderson Lake State Park (18019890) Olympic Discovery Trail (ODT) - Connection PS&E, ROW and Construction of the ODT segment connecting the Larry Scott Trail, via Jefferson Transit P&R, to Anderson Lake State Park. Total = \$1,519,332 (FHWA) + \$3,810,720 (RCO) + \$273,900 (JC Cap.)	28	S	I	N/A	3.50	PE R/W CN Total	1/17 1/20 4/25	 STP/STBG	 1,519,332	 WWRP	 3,102,083	 4,621,415	 4,621,415	 4,621,415	 4,621,415	 4,621,415	 4,621,415	 4,621,415						
09	3	34230 MP 1.6 (18020850) Lords Lake Loop Road - Slide Repair An approx. 300 ft. long, 11-12 ft. wide road realignment to repair an embankment slide that occurred during a 2021 storm event. Total CN = \$440,490 (FEMA)	04	S	I	T-5	0.1	PE R/W CN Total	6/22 8/24 4/25	FEMA FEMA FEMA	4,500 391,942	FEMAm FEMAm FEMAm	250 21,774	 21,774	5,000 0 435,490	5,000 0 435,490	 435,490	 435,490	 435,490	 435,490						
09	4	50540 MP 0.84 (18020890) Shine Road - Slide Repair Shift 800ft.± of road away from bluff as a corrective measure following 2021 storm damage. Project also includes potential work to repair riprap. Total = \$367,152 incl. \$100k (FEMA + \$100k ARPA)	04	S	I	T-0	0.75	PE R/W CN Total	6/22 10/22 6/24	FEMA FEMA FEMA	4,500 249,076	FEMAm FEMAm FEMAm	250 13,837	 100,000	5,000 0 376,750	5,000 0 376,750	 376,750	 376,750	 376,750	 376,750						
07	5	93150 Center Road MP 14.55 to MP 14.70 (18020970) Little Quilcene River Bridge Replacement Replacement of a 1955, 64-ft. concrete bridge with structural deficiencies, through a FHWA local bridge program grant. Total = \$5,680,128 (FHWA)	11	S	I	T-3	0.5	PE R/W CN Total	1/22 1/25 12/25	BRR BRR BRR	148,185 50,000 4,899,120	 4,899,120	 0	148,185 50,000 4,899,120	138,185 50,000 4,899,120	10,000 50,000 4,899,120	 4,899,120	 4,899,120	 4,899,120	 4,899,120						
09	6	13430 MP 8.50 to MP 10.98 (18020840) Oil City Road Engineering Assessment - FLAP Project Local funds for infrastructure protection, planning project performed by FHWA Western Federal Lands division, thru FLAP program. Total FLAP = \$250,000 (uses toll credits)	18	S	E	T-5	2.48	PE R/W CN Total	1/21	FLAP	 0	 0	2,000 0 0 2,000	2,000 0 0 2,000	2,000 0 0 2,000	 0	 0	 0	 0							
04	7	SR19 MP 9.56 to MP 10.1 (18020760) Rhody Drive Ped-Bike Improvements - North Segment Pedestrian & bicycle facilities along SR19 connecting HJ Carroll Park/ Rick Tollefson Trail to existing facilities at Chimacum Schools Campus. Total PE grant = \$109,907 (FHWA) Total CN grant = \$461,135 (TAP)	28	S/P	E	T-3	0.45	PE R/W CN Total	8/21 8/24 6/25	TA TA	17,998 466,225	 466,225	 0	6,620 29,594 466,225	24,618 29,594 466,225	24,618 29,594 466,225	 466,225	 466,225	 466,225	 466,225						
04	8	SR19 MP 8.94 to MP 9.56 (18020950) Rhody Drive Ped-Bike Improvements - South Segment Pedestrian & bicycle facilities along SR19 connecting the Chimacum School Campus to the Chimacum Crossroads commercial corridor. Total PE grants = \$435,041 (FHWA & WSDOT)	28	S/P	E	T-3	0.62	PE R/W CN Total	7/22 1/25 6/27	TA PBP	17,816 1,414,018	SWCC SWCC PBP	195,467 46,002 1,414,018	 351 1,414,018	213,283 46,353 1,414,018	138,283 12,500 1,414,018	75,000 33,853 1,414,018	 1,414,018	 1,414,018	 1,414,018						
N/A	9	85020 Olympic Discovery Trail - PS2P Project (18021300) Planning & Design for 5 segments of the ODT: Old Hwy. 9 (100%PS&E); Disco. Bay-Seg. B (30% PS&E); Fairmount to Eaglemount (10% PS&E); Eaglemount to ALSP (10% PS&E); STO to ODT (10% PS&E). Jeff. Co. Total: \$2,080,000 (from \$16,130,000 FHWA RAISE Grant)	28	S	I	N/A	N/A	PE R/W CN Total	6/23	RAISE	2,030,000	 0	 0	2,030,000 0 0 2,030,000	130,000 425,000 625,000 425,000	425,000 625,000 425,000 425,000	 0	 0	 0	 0						
07	10	91420 MP 1.24 (18021210) Hell Roaring Creek Trib. Culvert Replacement, Upper Hoh Road A Trout Unlimited project to replace existing double CMP fish barrier culverts with a 4-sided concrete box culvert. Total = \$1,190,214 (NOAA)	44	S	I	T-4	N/A	PE R/W CN Total	1/24 8/24 6/26	NOAA NOAA NOAA	1,000 4,000	 4,000	 4,000	1,000 0 4,000	1,000 0 4,000	 4,000	 4,000	 4,000	 4,000	 4,000						
09	11	30130 MP 0.42 (18021240) Big Quilcene River Bridge Replacement Project Project will restore a 1.1 mile segment of the Big Quil. River & adjacent floodplain, including a new 1100ft.-long Linger Longer Rd. Bridge. Total = \$25,000,000 (FHWA RAISE Grant managed by JST & HCSEG)	10	S	S	T-4	0.2	PE R/W CN Total	1/24 5/26	RAISE RAISE	10,000 40,000	 50,000	 0	10,000 40,000 60,000	20,000 35,000 55,000	20,000 5,000 5,000	 5,000	 5,000	 5,000	 60,000						

**DRAFT SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2025 - 2030**

FUNCTIONAL CLASS	TIP PROJECT #	PROJECT IDENTIFICATION •Road Log Number / Bridge Number •Road Name(s) & Beginning /End Milepost •Project Number •Description of Work •Total Cost (incl. prior/future) & Fund Source	IMPROVEMENT TYPE	FUNDING STATUS	ENVIRONMENTAL ASSESS	FREIGHT & GOODS CLASS.	TOTAL LENGTH (mi.)	PROJECT COSTS IN DOLLARS										EXPENDITURE SCHEDULE										
								PROJECT PHASE	MONTH / YEAR FUND STARTS	FUNDING SOURCE INFORMATION																		
										FEDERAL FUNDS		STATE FUNDS		OTHER REVENUES	LOCAL FUNDS	TOTAL												
										FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE															
																	YEAR 1 2025	YEAR 2 2026	YEAR 3 2027	YEAR 4 2028	YEAR 5 2029	YEAR 6 2030	TOTAL 2025-2030					
09	12	52000 MP 0.08 to MP 1.30 (18021340) Van Trojen Road - Bituminous Surface Treatment Project will convert existing gravel road surface to BST (bituminous surface treatment). Work will be completed by county road crew. Total = \$154,600	05	S	E	T-0	1.22	PE R/W CN Total								0							0					
															0											0		
									7/25						154,600	154,600	154,600											154,600
										0		0	0	0	154,600	154,600	154,600	0	0	0	0	0	0	0	154,600			
03 09	13	601507 / 625309 / 698619 / SR19 (TBD) Port Townsend Gateway Project Joint City, County, WSDOT intersection safety improvement project including South Discovery Rd., Jacob Miller Rd., Mill Rd., and SR20. Total= \$9,550,000	21	S/P	I	T-3	0.33	PE R/W CN Total	1/25	SS4A	170,000					10,000	180,000	50,000	5,000	100,000	15,000	5,000	5,000	180,000				
									3/27	SS4A	40,000					40,000										40,000		
									5/30	SS4A	2,000,000					2,000,000										2,000,000	2,000,000	
											2,210,000		0	0	10,000	2,220,000	50,000	5,000	135,000	20,000	5,000		2,000,000	2,000,000				
07	14	91420 MP 3.5-3.8, 4.0-4.4, 7.5-7.8 (18019411) Upper Hoh Road - Dolosse Monitoring Project to monitor FLAP-Phase 2 funded dolosse installation at three locations along the Upper Hoh Rd. Monitoring is required for 15 years. Total = \$319,900	44	S	E	T-4	1	PE R/W CN Total	3/24	FLAP						0							0					
															0										0			
									10/24	FLAP	157,200				71,800	229,000	79,400	39,400	38,400	33,400	38,400		229,000					
											157,200		0	0	71,800	229,000	79,400	39,400	38,400	33,400	38,400	0	229,000					
07	15	91420 MP 9.7 to MP 9.8 (18019880) Upper Hoh Road Spruce Creek Mitigation Environmental mitigation / Permanent repairs project in response to 2015 emergency repairs. Total= \$293,160 (FHWA)	20	S/P	S	T-4	0.1	PE R/W CN Total	11/18	ER	15,138				2,362	17,500	12,500	5,000					17,500					
															0								0					
									6/27	ER	224,900				35,100	260,000							260,000	260,000				
											240,038		0	0	37,462	277,500	12,500	5,000	260,000	0	0	0	277,500					
08	16	10750 MP 1.35 (18021220) Donkey Creek Tributary Culvert Replacement, Clearwater Road A Trout Unlimited project to replace an existing PCC fish barrier culvert with an aluminum pipe arch culvert. Total = \$569,722 (84% RCO)	44	S/P	I	T-5	N/A	PE R/W CN Total	1/24						4,000	4,000	3,000	1,000				4,000						
									8/24							30,000	30,000	30,000				30,000						
									6/26						5,750	5,750	5,750				5,750	5,750						
										0		30,000	0	9,750	39,750	33,000	6,750	0	0	0	0	39,750						
07	17	91420 MP 4.93 (18021230) Lindner Creek Culvert Replacement, Upper Hoh Road A Trout Unlimited project to replace an existing CMP fish barrier culvert with a voided slab bridge. Total = \$2,199,613 (NOAA)	08	S	I	T-4	N/A	PE R/W CN Total	1/24	NOAA	3,500					3,500	2,500	1,000				3,500						
									1/25	NOAA	28,000					28,000	28,000				28,000							
									6/26	NOAA	5,500					5,500	5,500				5,500	5,500						
											37,000		0	0	0	37,000	30,500	6,500	0	0	0	0	37,000					
07	18	91420 MP 0.00 to MP 12.04 (18020560) Upper Hoh Road Pavement Preservation - FLAP Project Pavement preservation & safety improvements along Upper Hoh Rd. to Hoh Rain Forest/ONP boundary performed by FHWA, WFL division. Total = \$2,907,500 (FLAP) + \$408,400 (RAP)	06 21	S	E	T-4	12.04	PE R/W CN Total	1/17	FLAP		RAP	4,000			4,000	2,000	2,000				4,000						
															0					0								
									6/26	FLAP		RAP	404,400		404,400		404,400				404,400							
											0		408,400	0	0	408,400	2,000	406,400	0	0	0	0	408,400					
07	19	91420 MP 7.9 to MP 8.2 (18021170) Upper Hoh Road Bank Stabilization - FLAP Project Approximate location of next critical area of scour along Upper Hoh Rd. To Hoh Rain Forest/ONP boundary, performed by FHWA, WFL division. Total FLAP = \$4,993,378 (uses toll credits)	06 11	S	S	T-4	0.3	PE R/W CN Total	1/24	FLAP					4,000	4,000	4,000				4,000							
									1/25	FLAP					45,000	45,000	45,000				45,000							
									6/26	FLAP					3,000	3,000		3,000			3,000	3,000						
											0		0	0	52,000	52,000	49,000	3,000	0	0	0	0	52,000					
07	20	13430 MP 0.5 (18021180) Oil City Rd. Culvert Replacement (Bridge) MP 0.5 - FLAP Project Local funds for permanent repair of Two Trout Creek washout by FHWA Western Federal Lands division, thru FLAP program. Total FLAP = \$1,828,560 (uses toll credits)	11	S	I	T-5	2.48	PE R/W CN Total	6/23	FLAP					4,800	4,800	2,400	2,400				4,800						
									8/24	FLAP					13,000	13,000	13,000				13,000							
									6/26	FLAP					3,000	3,000		3,000			3,000	3,000						
											0		0	0	20,800	20,800	15,400	5,400	0	0	0	0	20,800					
07	21	93150 MP 3.26 (18020990) Center Road Culvert Correction - Chimacum Creek Replace non-conforming Chimacum Creek culvert with fish passable structure. Total grants= \$6,258,129 (RCO, USFWS, FHWA)	11	S/P	I	T-3	N/A	PE R/W CN Total	8/24	NFPP	113,150	FBRB	492,150			605,300	215,000	180,000	180,000	30,300		605,300						
									1/27						50,000	50,000	20,000	30,000			50,000							
									6/28	PROTECT	5,053,685				5,053,685				5,053,685			5,053,685						
											5,166,835		492,150	0	50,000	5,708,985	215,000	200,000	210,000	5,083,985	0	0	5,708,985					
08	22	50360 MP 3.74 to MP 6.00 (TBD) Paradise Bay Road Overlay 2R overlay of Paradise Bay Road from Andy Cooper Road to SR104 at the Hood Canal Bridge. Total = \$1,234,561 (CRAB)	05	P	E	T-0	2.26	PE R/W CN Total	1/25			RAP	71,986		7,999	79,985	26,635	53,350				79,985						
															0						0							
									5/26			RAP	1,039,118		115,458	1,154,576		1,154,576			1,154,576							
											0		1,111,104	0	123,457	1,234,561	26,635	1,207,926	0	0	0	0	1,234,561					

**DRAFT SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2025 - 2030**

FUNCTIONAL CLASS	TIP PROJECT #	PROJECT IDENTIFICATION •Road Log Number / Bridge Number •Road Name(s) & Beginning /End Milepost •Project Number •Description of Work •Total Cost (incl. prior/future) & Fund Source	IMPROVEMENT TYPE	FUNDING STATUS	ENVIRONMENTAL ASSESS	FREIGHT & GOODS CLASS.	TOTAL LENGTH (mi.)	PROJECT COSTS IN DOLLARS							EXPENDITURE SCHEDULE									
								PROJECT PHASE	MONTH / YEAR FUND STARTS	FUNDING SOURCE INFORMATION				OTHER REVENUES	LOCAL FUNDS	TOTAL	YEAR 1 2025	YEAR 2 2026	YEAR 3 2027	YEAR 4 2028	YEAR 5 2029	YEAR 6 2030	TOTAL 2025-2030	
										FEDERAL FUNDS		STATE FUNDS												
										FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE											
07	23	85010 & 52710/93250 (18019560) Rick Tollefson Trail - Ballfield Connection Old Hadlock Road and Chimacum Road intersection realignment with multi-use trail connecting the Rick Tollefson Trail to Bob Bates Fields. Total = \$726,722 (WSDOT)	04	P	E	T-0 T-3	0.30	PE R/W CN Total	1/19 1/25 6/27			PBP PBP PBP	94,994 37,408 567,491		26,829	121,823 37,408 567,491	37,664	63,755 37,408	20,404				121,823 37,408 567,491	
03	24	US 101 MP 309.88-310.50 (18021260) Duckabush Estuary Restoration-Realignment Project Project will replace US101 causeway with a bridge. Will also add a US101 turn lane and realign a segment of Duckabush Road. Total = \$126 million (WDFW/USACE/WSDOT)	10	S/P	S	T-3	0.62	PE R/W CN Total	1/24 4/28					5,500	5,500 0 0	1,500	1,500 1,500	1,500	1,000				5,500 0 0	
07	25	91420 MP 2.74 (18021250) Snell Creek Culvert Replacement, Upper Hoh Road A Trout Unlimited project to replace an existing PCC fish barrier culvert with a bridge. Total = \$1,946,124 (NOAA)	44	S/P	I	T-4	N/A	PE R/W CN Total	1/24 1/25 6/27	NOAA NOAA NOAA	6,000 31,000 5,500			6,000 31,000 5,500	2,500 10,000	2,500 21,000	1,000							6,000 31,000 5,500
09	26	13430 MP 6.73 (TBD) Oil City Road Unnamed Tributary - Culvert Replacement A Trout Unlimited project to replace an existing CMP fish barrier culvert with a concrete box culvert or a bridge. Total = \$1,700,000 (PE:Private Grant & CN:NOAA)	44	S/P	I	T-5	N/A	PE R/W CN Total	1/26 6/26 6/28	NOAA NOAA NOAA	5,000 26,000 6,000			5,000 26,000 6,000		2,000 6,000	2,000 20,000	1,000						5,000 26,000 6,000
09	27	13430 MP 5.96 (TBD) Oil City Road - Six Mile Creek Culvert Replacement A Trout Unlimited project to replace an existing large baffled fish barrier culvert with a bridge. Total = \$4,300,000 (PE:Private Grant & CN:NOAA)	44	S/P	I	T-5	N/A	PE R/W CN Total	1/26 6/26 6/28	NOAA NOAA NOAA	5,000 26,000 6,000			5,000 26,000 6,000		2,000 6,000	2,000 20,000	1,000						5,000 26,000 6,000
09	28	13430 MP 8.8 to MP 8.9 (TBD) Oil City Road MP 8.8-8.9 Permanent Repair Environmental mitigation / Permanent repairs project in response to 2015-2016 emergency repairs. Total= 860,000 (FEMA)	20	P	S	T-5	0.10	PE R/W CN Total	1/25 1/26 6/27	FEMA FEMA FEMA	150,000 7,500 487,500	FEMAm FEMAm FEMAm	25,000 1,250 81,250	25,000 1,250 81,250	200,000 10,000 650,000	75,000 10,000	120,000	5,000						200,000 10,000 650,000
09	29	514109 MP 0.00 to 0.21 (TBD) West Valley Road Safe Routes to School Project Design and construction of a multi-use trail along West Valley Road to connect more neighborhoods to the 2015 SRTS sidewalk project. Total = \$916,000	28	P	E	T-0	0.21	PE R/W CN Total	1/26 4/26 5/27			SRTS SRTS SRTS	245,000 25,000 646,000		245,000 25,000 646,000	5,000	230,000 646,000	10,000						245,000 25,000 646,000
07	30	93150 MP 3.39 to 3.49 (TBD) Yarr Bridge Replacement Replacement of a 1955, 25-ft. concrete bridge with structural deficiencies, through a FHWA local bridge program grant. Total = \$5,564,000 (FMSIB)	11	P	S	T-3	0.10	PE R/W CN Total	1/25 6/26 6/29			FMSIB FMSIB FMSIB	684,000 105,000 4,775,000		684,000 105,000 4,775,000	89,000	110,000 10,000	270,000 35,000	185,000 60,000	30,000				684,000 105,000 4,775,000
03	31	US 101 & County Roads MP 294.54 to MP 295.03 (TBD) Quilcene Complete Streets - Phase 2 Phase 2 project implementing plan to provide sidewalks, crosswalks, & bicycle lanes to connect school, community center & local businesses. Total = \$2,023,018 (WSDOT)	28	P	E	T-3	0.05	PE R/W CN Total	6/27 6/29			PBP PBP	356,970 1,666,048		356,970 1,666,048			96,970	250,000	10,000				356,970 1,666,048
N/A	32	85020 Old Gardiner Road to Broders Road (TBD) Olympic Discovery Trail (ODT) - West PS&E, ROW and Construction of a 1.5-mile segment of the ODT from Old Gardiner Road, just south of Contractors Creek Bridge, to Broders Road. Total = \$6,151,000	28	P	I	N/A	1.50	PE R/W CN Total	1/28 1/29 6/30	RAISE RAISE RAISE	285,000 45,000 5,821,000			285,000 45,000 5,821,000					280,000 45,000	5,000				285,000 45,000 5,821,000
N/A	33	(TBD) (TBD) Elsie Lopeman Trail Extension A 0.45 mile trail extension through the County Sewer Treatment plant property. Project is a link in the Tri-Area Active Trans. Network. Total = \$743,200 (WSDOT)	28	P	I	N/A	0.45	PE R/W CN Total	1/28 1/29 5/30			PBP PBP PBP	95,000 648,200		95,000 648,200				25,000	65,000	5,000			95,000 648,200
08	34	50360 MP 1.52 to MP 3.74 (TBD) Paradise Bay Road Overlay - Phase 2 2R overlay of Paradise Bay Road from Andy Cooper Road to Teal Lake Road. Total = \$1,892,800 (CRAB)	05	P	E	T-0	2.22	PE R/W CN Total	1/27 5/28			RAP RAP	77,130 1,626,390		8,570 180,710	85,700 1,807,100		85,700						85,700 1,807,100

DRAFT SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2025 - 2030

FUNCTIONAL CLASS	TIP PROJECT #	PROJECT IDENTIFICATION •Road Log Number / Bridge Number •Road Name(s) & Beginning /End Milepost •Project Number •Description of Work •Total Cost (incl. prior/future) & Fund Source	IMPROVEMENT TYPE	FUNDING STATUS	ENVIRONMENTAL ASSESS	FREIGHT & GOODS CLASS.	TOTAL LENGTH (mi.)	PROJECT COSTS IN DOLLARS								EXPENDITURE SCHEDULE								
								PROJECT PHASE	MONTH / YEAR FUND STARTS	FUNDING SOURCE INFORMATION														
										FEDERAL FUNDS		STATE FUNDS		OTHER REVENUES	LOCAL FUNDS	TOTAL								
										FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE				YEAR 1 2025	YEAR 2 2026	YEAR 3 2027	YEAR 4 2028	YEAR 5 2029	YEAR 6 2030	TOTAL 2025-2030	
N/A	35	Countywide Safety Improvements Systemic safety countermeasures applied to county network identified in a local plan and funded thru a biennial WSDOT federal grant program. Total HSIP = \$1,400,000 (FHWA) (10% Local match for PE only)	21	P	E	N/A	N/A	PE R/W CN	1/26 6/27	HSIP HSIP	180,000 1,200,000				20,000 1,200,000	200,000 1,400,000		50,000		50,000	50,000	50,000	200,000	
								Total			1,380,000		0	0	20,000	1,400,000	0	50,000	1,200,000	50,000	50,000	50,000	1,400,000	
N/A	36	Countywide Bridge Heavy Maintenance Program Protection of primary bridge components, seismic retrofits, etc. through a biennial WSDOT administered federal grant program. Total = \$375,000	48	P	E	N/A	N/A	PE R/W CN	1/26 6/27	BRR BRR	60,000 240,000				15,000 60,000	75,000 300,000		25,000		25,000		25,000	75,000	
								Total			300,000		0	0	75,000	375,000	0	25,000	150,000	25,000	150,000	25,000	375,000	
N/A	37	Countywide Various Road Improvements Various projects countywide involving lighting, signage, intersection control, culvert replacement/rehabilitation, drainage, surfacing upgrades, pedestrian and bicycle facilities, or other improvements. Total = \$237,000	N/A	P	E	N/A	N/A	PE R/W CN	1/25 1/25 1/25						82,000 25,000 130,000	82,000 25,000 130,000	32,000 0 5,000	10,000 5,000 25,000	10,000 5,000 25,000	10,000 5,000 25,000	10,000 5,000 25,000	82,000 25,000 130,000		
								Total			0		0	0	237,000	237,000	37,000	40,000	40,000	40,000	40,000	40,000	237,000	
08	38	40390 MP 1.15 & MP 1.23 (TBD) Tarboo Creek Culverts Replacement Project A joint Port Gamble S'Klallam Tribe & NW Watershed Institute project to replace two fish barriers on the east fork of Tarboo Creek. Total PE = \$992,400 (FHWA AOP)	44	P	I	T-5	N/A	PE R/W CN	1/26	AOP	15,000					15,000		7,500	7,500				15,000	
															0	0							0	
											15,000		0	0	0	15,000	0	7,500	7,500	0	0	0	15,000	
								Total				26,272,267		19,287,816	195,660	1,285,654	47,041,397	8,221,769	8,103,012	6,518,483	8,019,485	7,579,448	8,599,200	47,041,397

PE		3,241,787		2,342,197	0	245,180	5,829,164	1,034,785	1,384,005	1,417,074	1,018,300	875,000	100,000	5,829,164
R/W		253,500		244,660	0	164,195	662,355	218,094	174,261	145,000	70,000	50,000	5,000	662,355
CN		22,776,980		16,700,959	195,660	876,279	40,549,878	6,968,890	6,544,746	4,956,409	6,931,185	6,654,448	8,494,200	40,549,878
Total		26,272,267		19,287,816	195,660	1,285,654	47,041,397	8,221,769	8,103,012	6,518,483	8,019,485	7,579,448	8,599,200	47,041,397

Guide to Codes, Abbreviations and Acronyms

The following are used in Jefferson County's TIP project spreadsheet:

COLUMN 1: FEDERAL FUNCTIONAL CLASSIFICATION (FFC)

02	WSDOT - Rural Other Freeway/Expressway	07	JC - Rural Major Collector
03	WSDOT - Rural Other Principal Arterial	08	JC - Rural Minor Collector
04	WSDOT - Rural Minor Arterial	09	JC - Rural Local Access
05	WSDOT - Rural Major Collector	19	JC - Urban Local Access
06	WSDOT - Rural Minor Collector	00	JC - No FFC, e.g. trails

COLUMN 4: IMPROVEMENT TYPE

(per the Statewide Transportation Improvement Program (STIP) Categories)

01	New construction roadway	18	Planning
03	Reconstruction - added capacity	19	Research
04	Reconstruction - no added capacity	20	Environmental only
05	4R Maintenance - resurfacing	21	Safety
06	4R Maintenance – restoration & rehabilitation	22	Rail/highway crossing
07	4R Maintenance - relocation	23	Transit
08	Bridge - new construction	24	Traffic Management/Engineering - HOV
10	Bridge replacement - added capacity	25	Vehicle Weight Enforcement
11	Bridge replacement - no added capacity	26	Ferry Boats
13	Bridge rehabilitation - added capacity	27	Administration
14	Bridge rehabilitation - no added capacity	28	Facilities for Pedestrians & Bicycles
15	Preliminary Engineering	40	Special Bridge
16	Right-of-Way	44	Other
17	Construction Engineering	48	Bridge Protection

COLUMN 5: FUNDING STATUS

S = Secured (funded); P = Planned (unfunded); S/P = Partially secured funding

COLUMN 6: ENVIRONMENTAL ASSESSMENT

Applicable to CRAB

E - Exempt

I - Insignificant

S - Significant

Applicable to Federal Funding

Categorically Exempt (CE) or Documented Categorically Exempt (DCE)

Environmental Assessment (EA)

Environmental Impact Statement (EIS)

COLUMN 7: FREIGHT & GOODS TRANSPORTATION SYSTEM (FGTS) CLASSIFICATION

T-0	No Classification	T-4	100,000 - 300,000 tons per year
T-3	300,000 - 4 million tons per year	T-5	20,000 tons in 60 days and less than 100,000 tons per year

COLUMN 9: PROJECT PHASE

PL: Planning not leading to construction; PE: Preliminary Engineering & Design; R/W: Right-of-Way acquisition; and CN: Construction & Construction Engineering

Guide to Codes, Abbreviations and Acronyms

FEDERAL FUNDING CODES

AOP	FHWA-Aquatic Organism Passage program
BRR	FHWA-WSDOT Bridge Replacement and Rehabilitation program (aka "BRAC")
ER	FHWA Emergency Relief
FEMA	Federal Emergency Management Agency, including Hazard Mitigation Program
FHWA	Federal Highway Administration
FLAP	FHWA WFL Federal Lands Access Program
NOAA	National Oceanic and Atmospheric Administration – Bipartisan Infrastructure Law (BIL): Restoring Fish Passage Through Barrier Removal program
FWS	Fish and Wildlife Service
HSIP	FHWA-WSDOT Highway Safety Improvement Program
NFPP	FWS National Fish Passage Program
PROTECT	FHWA/FBRB/RCO-Promoting Resilient Operations for Transformative, Efficient, and Cost Saving Transportation Program
RAISE	FHWA-Rebuilding American Infrastructure with Sustainability and Equity
SRTS	FHWA-WSDOT Surface Transportation Program-Safe Routes to Schools
SS4A	FHWA-Safe Streets for All Program
STBG	FHWA-WSDOT Surface Transportation Block Grant
STP	FHWA-WSDOT Surface Transportation Program
TAP-R	FHWA-WSDOT STP Transportation Alternatives Program - Rural
WFL	FHWA Western Federal Lands division

STATE FUNDING CODES

ALEA	RCO-Aquatic Lands Enhancement Account
CAPP	CRAB-County Arterial Preservation Program
CRAB	County Road Administration Board
FBRB	WDFW/RCO-Brain Abbott Fish Barrier Removal Board
FEMAm	Federal Emergency Management Agency, WA Emergency Management Division
FMSIB	Freight Mobility Strategic Investment Board
NOVA	RCO-Non-Highway and Off-Road Vehicle Activities program
PBP	WSDOT-Pedestrian and Bicycle Program
PSAR	PSP Puget Sound Acquisition and Restoration fund
PSP	Puget Sound Partnership
RAP	CRAB-Rural Arterial Program
RCO	Recreation Conservation Office
RRG	RCO-Recreation Resource Grant
SWCC	Sandy Williams Connecting Communities
SRFB	RCO-Salmon Recovery Funding Board
SRTS	WSDOT-Safe Routes to School program
TIB	Transportation Improvement Board, Complete Streets Award or Urban Sidewalk
WDFW	Washington State Department of Fish and Wildlife
WSDOT	Washington State Department of Transportation
WWRP	RCO-Washington Wildlife Recreation Program

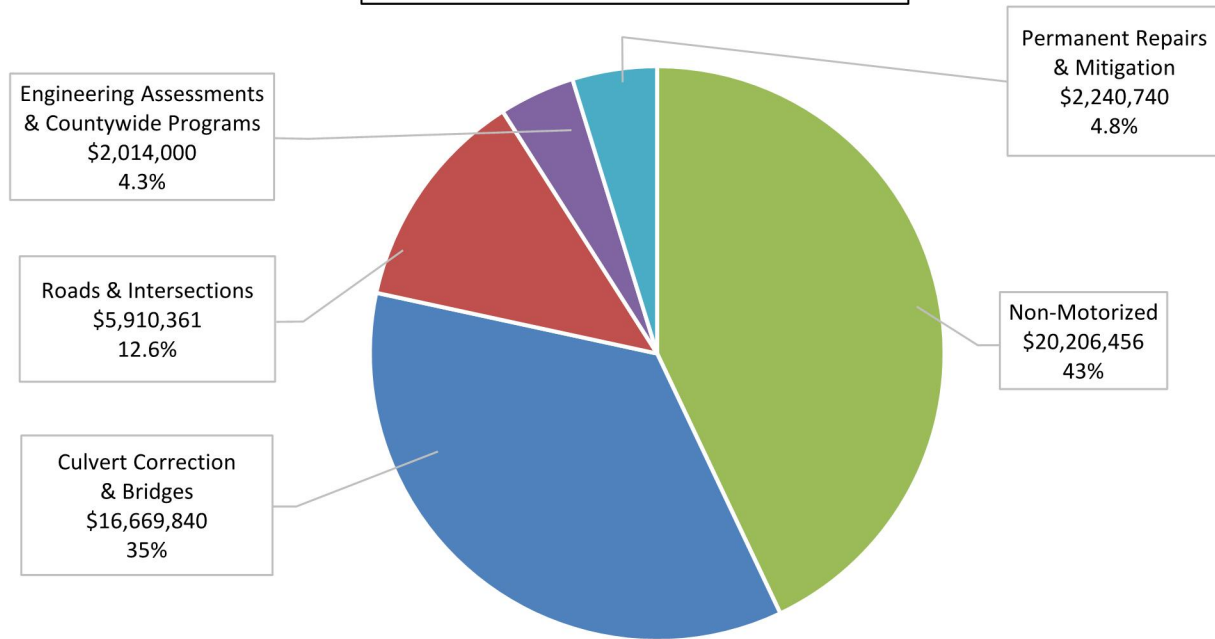
OTHER FUNDING CODES

PIF	Jefferson County-Public Infrastructure Fund
PILT	Dept. of Interior-Payment in Lieu of Taxes

PRIORITY ARRAY
2024 BoCC WEIGHTING FACTORS
(Used for Development of the 2025-2030 TIP)
Ranked Order by Average Weight Factor
(listed high to low, alpha listed ties)

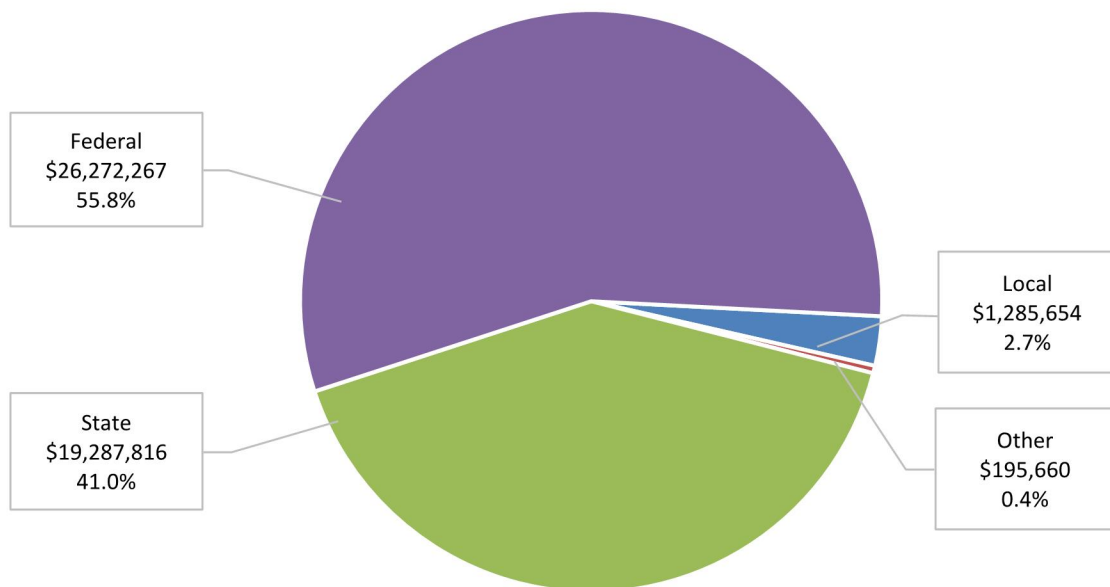
Criteria		Weight Average 2024
1	Grant availability	0.833
2	Non-motorized needs	0.833
3	Community Plan/Comp. Plan use	0.800
4	Road safety	0.800
5	School pedestrian route	0.800
6	Transit/school bus route	0.800
7	Collision history	0.767
8	Fish passage barriers	0.767
9	Average daily traffic	0.767
10	Economic development	0.733
11	Community center use	0.700
12	Serviceability	0.700
13	Surface water management	0.700
14	Pavement Rating	0.667
15	Present or future LOS	0.667
16	Public interest	0.633
17	Recreational land use	0.633
18	Functional classification	0.567
19	Geometric consistency w/standards	0.533

2025-2030 Projected Expenditures by Category of TIP Projects

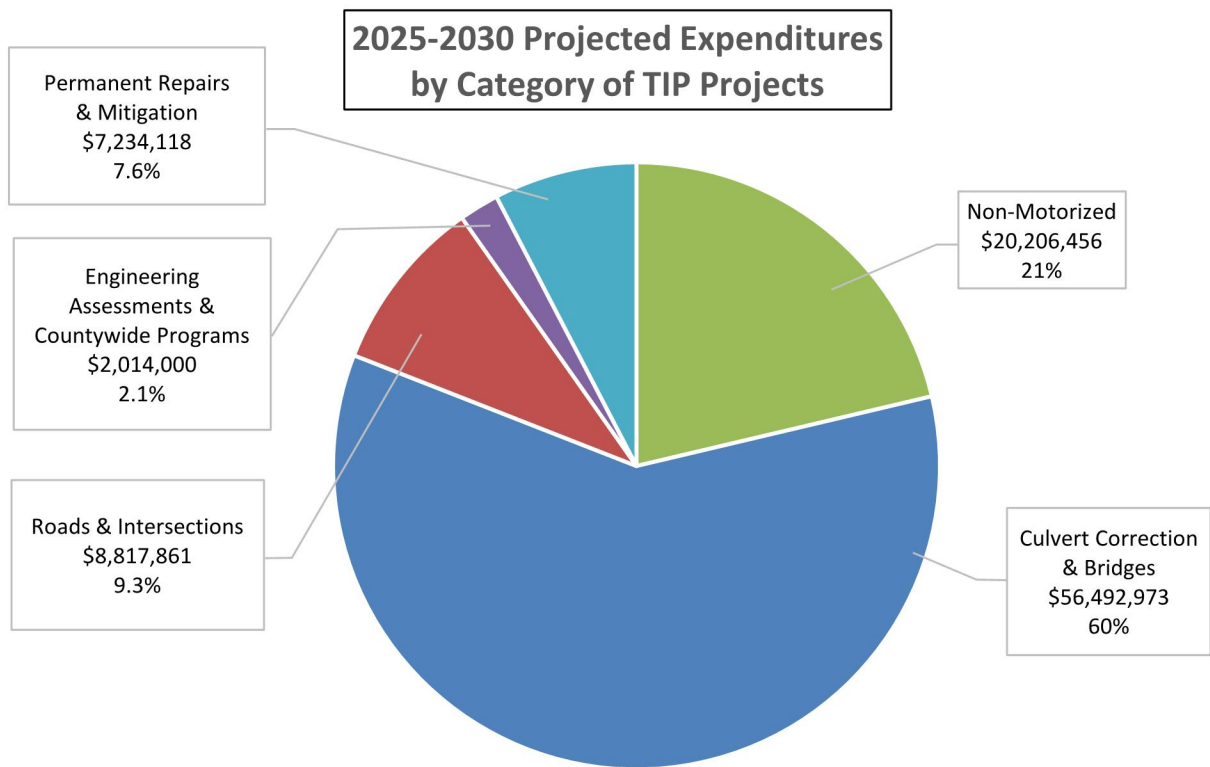


Total Project Funding (38 projects) = \$47,041,397
(excludes FLAP, HCSEG/JST, PST/NWI, TU projects)

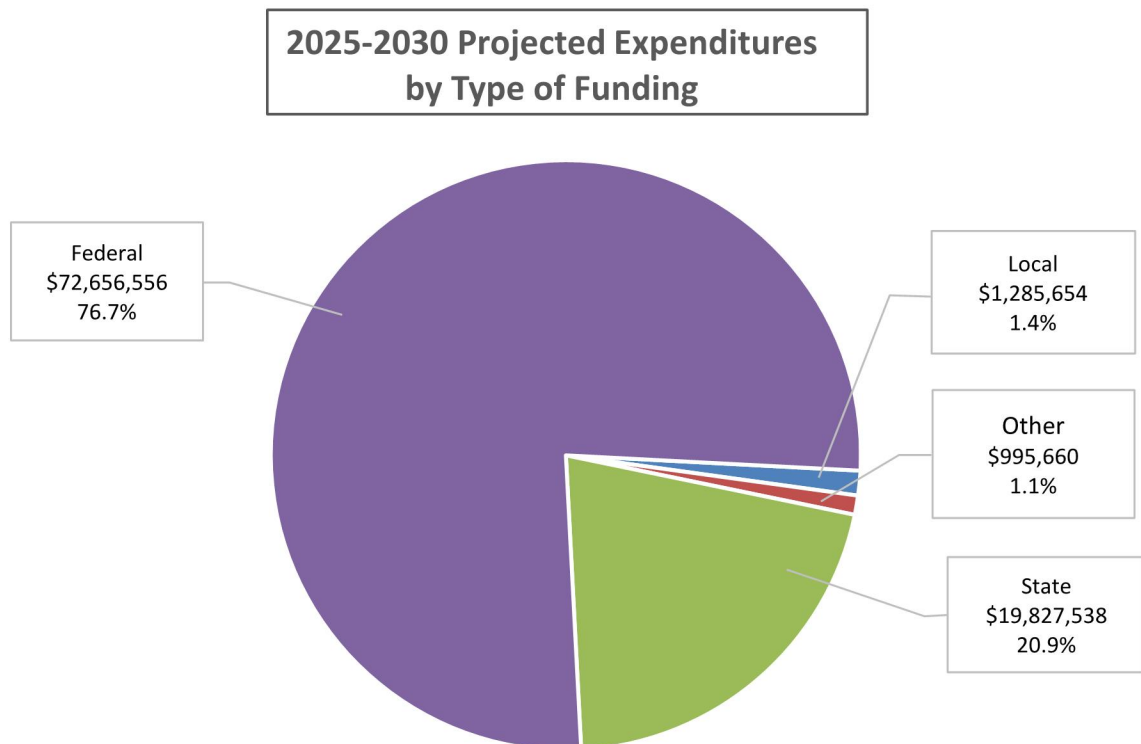
2025-2030 Projected Expenditures by Type of Funding



Total Project Funding (38 projects) = \$47,041,397
(excludes FLAP, HCSEG/JST, PST/NWI, TU projects)

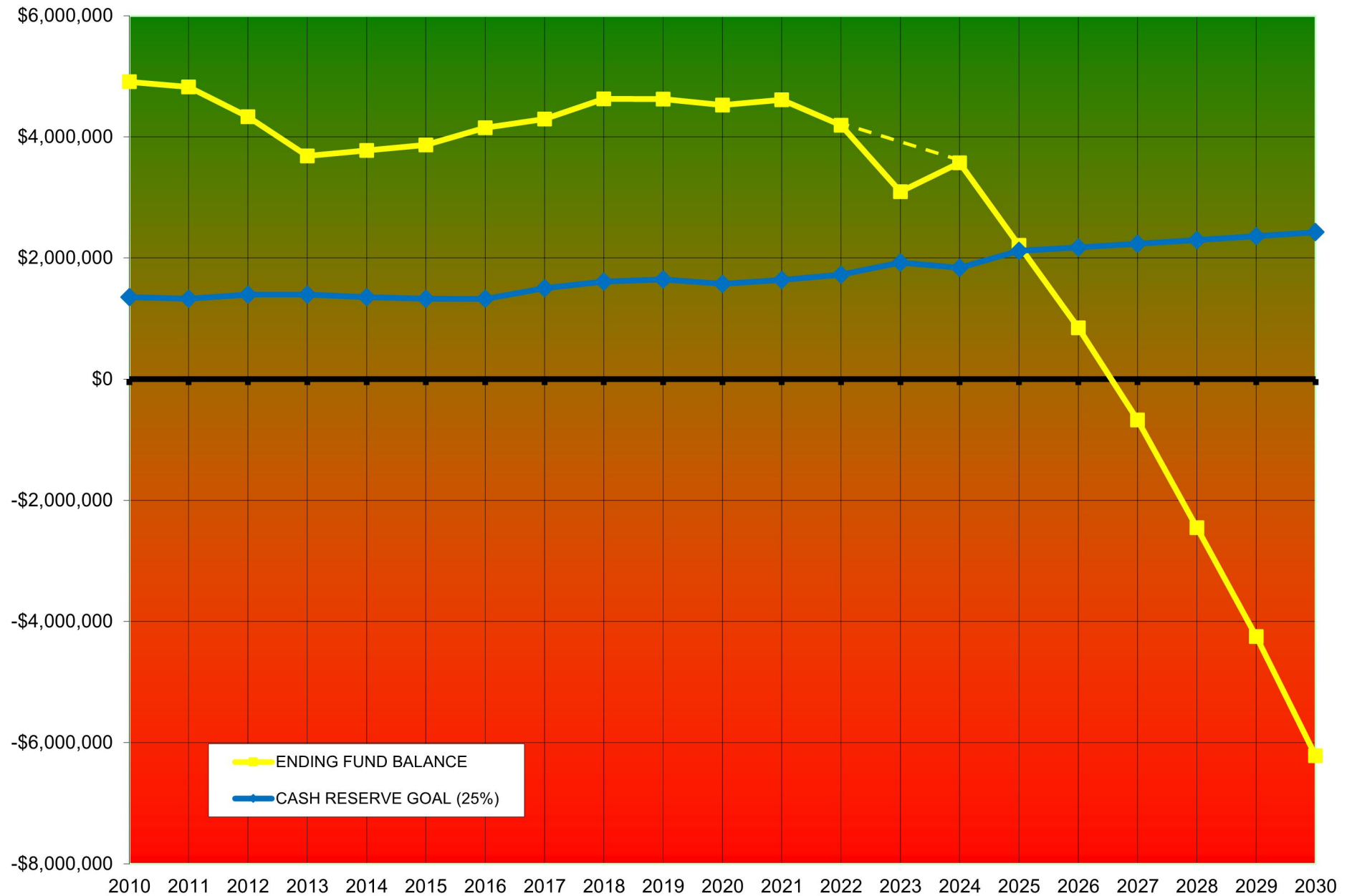


Total Project Funding (38 projects) = \$94,765,408
 (includes FLAP, HCSEG/JST, PST/NWI, TU projects)



Total Project Funding (38 projects) = \$94,765,408
 (includes FLAP, HCSEG/JST, PST/NWI, TU projects)

2025-2030 Six-Year County Road Fund Projection





Bridge Condition Report 2024

Jefferson County, Washington



JEFFERSON COUNTY

2024 ANNUAL BRIDGE CONDITION REPORT


Approved by: _____
Monte Reinders, P.E.

Public Works Director / County Engineer

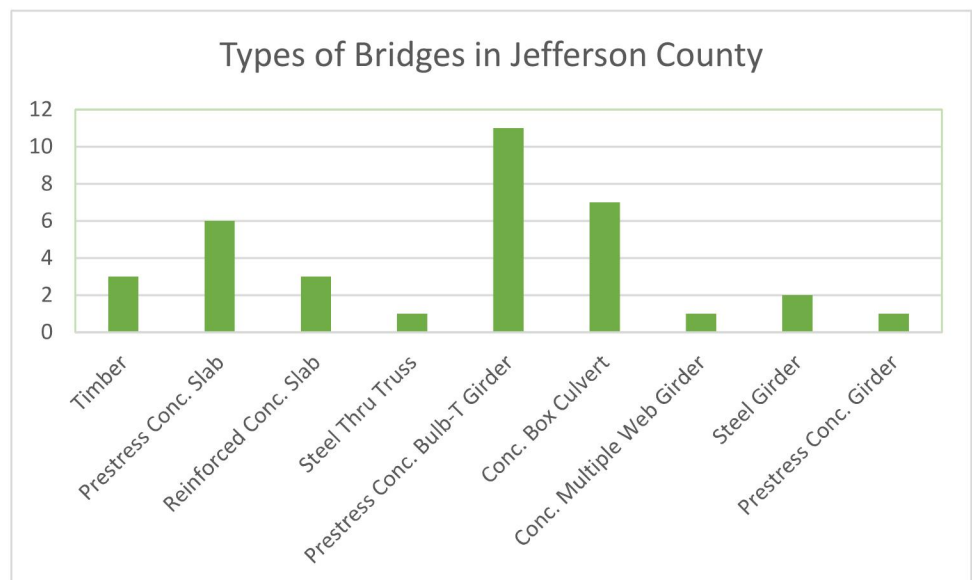
Prepared by: Mark Thurston 6-12-24
Mark Thurston, P.E.
Lead Bridge Inspector / Engineer IV

As required by WAC 136-20-060, “Each county engineer shall furnish the county legislative authority with a written report of the findings of the bridge inspection effort. This report shall be made available to said authority and shall be consulted during the preparation of the proposed six-year transportation program revision. The report shall include the county engineer’s recommendations as to replacement, repair or load restriction for each deficient bridge. The resolution of adoption of the six-year transportation program shall include assurances to the effect that the county engineer’s report with respect to deficient bridges was available to said authority during the preparation of the program. It is highly recommended that deficient short span bridges, drainage structures, and large culverts be included in said report.”

INTRODUCTION

Jefferson County Public Works has 38 active bridges—see the attached Master Bridge List (Appendix A) for a listing of the county bridges. Of these, 36 bridges meet the federal definition of a bridge and are subject to the National Bridge Inspections Standards. Two of the bridges do not meet the federal bridge definition, one because it is a pedestrian bridge, and one because it has less than a twenty-foot span; nevertheless, these two bridges are on Jefferson County’s biennial bridge inspection program. Jefferson County also has two permanently closed bridges.

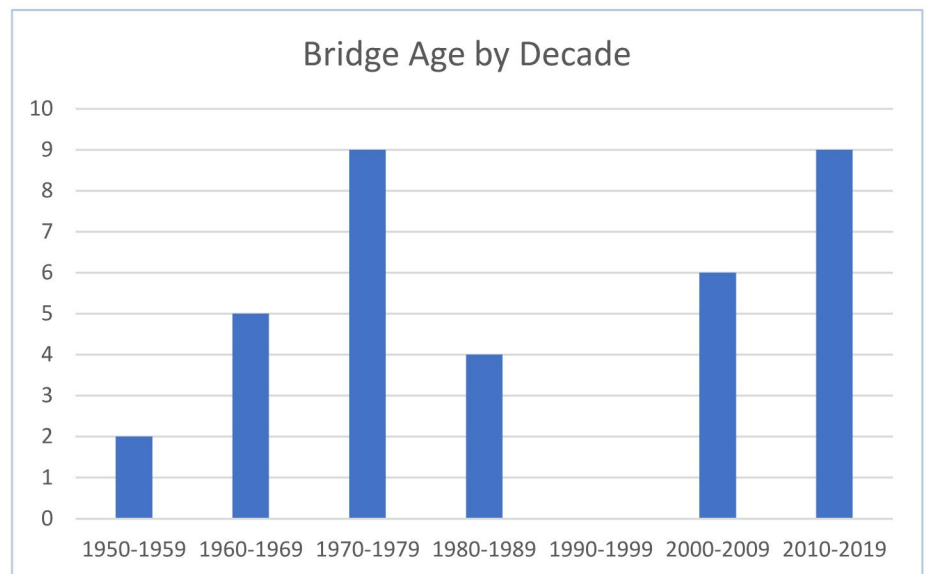
BRIDGE INVENTORY



BRIDGE INSPECTIONS

The National Bridge Inspection Standards (NBIS) and WAC 136-20-030 mandate that public agencies inspect and report on all bridges at least once every two years (routine inspection). Jefferson County staff performs all routine inspections. Special inspections are required for bridges that cannot be inspected adequately from the ground. For these bridges an Under-Bridge Inspection Truck (UBIT) is required. Steel bridges with fracture critical members may also require special inspections with the UBIT and/or other special equipment. Jefferson County has two bridges which require the UBIT inspection and one bridge which requires both the UBIT and the fracture critical inspection (identified in the attached Master Bridge List). Jefferson County currently has a contract with the Washington State Department of Transportation (WSDOT) to perform these inspections.

Jefferson County Public Works has split up the bridge inspections so that East Jefferson County bridges are inspected in odd-numbered years and West Jefferson County bridges are inspected in even-numbered years. In conformance with that schedule, Jefferson County completed the biennial inspections for all West Jefferson County bridges in 2024. The completed inspection reports were submitted to WSDOT, which verifies compliance with the NBIS and reports to the Federal Highway Administration (FHWA).



For the past twenty-plus years, all bridges have been assigned a sufficiency rating (SR), which is a calculated score based on numbers assigned to all of the bridge elements reviewed by the bridge inspector. The SR is a number from 0 to 100, with 100 being an entirely sufficient bridge, and 0 being an entirely insufficient bridge. The sufficiency rating has been used to determine if a bridge is eligible for federal rehabilitation or replacement funding. WSDOT is in the process of phasing out the Sufficiency Rating and has started to implement other methodologies for rating and comparing bridge deficiency. Currently, the county has two bridges that are considered to be deficient and eligible for bridge replacement funds. These are the Little Quilcene Bridge on Center Road, which was funded in 2021 and design is underway, and the Yarr Bridge on Center Road, for which a bridge replacement application was submitted to FHWA in April 2023, but not selected. In 2024, an application for bridge replacement was submitted to the Freight Mobility Strategic Investment Board, and the selection process is underway as of June 2024.

DEFICIENT BRIDGES

All bridges are required to have a “Load Rating” calculation. The Load Rating establishes how much weight the bridge can carry for several standard configurations of vehicle axle loads. If the load rating calculation shows that a bridge cannot safely carry one or more of the legal vehicle axle load configurations, then the bridge must be posted with the appropriate load limits. Jefferson County currently has five bridges that are load posted, Little Quilcene Bridge on Center Road,

POSTED BRIDGES



Yarr Bridge

Yarr Bridge on Center Road, Meyers Bridge on Belfrage Road, Hemphill Creek Bridge on Dowans Creek Road, and Fletcher Creek Bridge on Quinault South Shore Road.

A 2013 FHWA mandate requires that all bridges be load rated for a relatively new class of vehicle, the Specialized Hauling Vehicle (SHV). SHV's are closely-spaced multi-axle single unit trucks introduced by the trucking industry in the last couple decades. Examples include dump trucks, construction vehicles, solid waste trucks and other hauling trucks. The FHWA divided bridges into two categories, with the first category requiring updated load ratings by December 31, 2017, and the second category requiring updated load ratings by December 31, 2022. Prior to the 2013 mandate, Jefferson County already had eight bridges with load ratings that met the new FHWA requirements. Jefferson County has completed all of the new load ratings in accordance with the two deadlines. This work was funded at 86.5% with federal STBG funds.

In 2019 Public Works developed a new form and process for evaluating and issuing overweight/oversize vehicle permits. A policy was written to help ensure that consistent procedures are used in processing permits, and a new, more detailed application form was developed. The new application form, along with associated webpage updates, was deployed in 2019 and has been used successfully to issue permits.

OVERWEIGHT/ OVERSIZE VEHICLE PERMITTING PROCESS

The Old Little Quilcene Bridge and the Maple Creek Bridge have been placed in obsolete status and removed from the Master Bridge List. Both are permanently closed to vehicular traffic. This action

OBSOLETE BRIDGES

removed the requirement for biennial bridge inspection.

Routine maintenance of the county's bridges is conducted by the road maintenance department. Typical routine maintenance consists of deck cleaning, brush clearing, and minor miscellaneous repairs.

MAINTENANCE ACTIVITIES

In April 2019, the County applied for \$90,830 through the WSDOT/FHWA federal bridge replacement/rehabilitation program for a preventative maintenance project on the Hurst Creek Bridge, Clearwater Road milepost 2.66. The Hurst Creek Bridge has concrete girders with steel diaphragms between the girders at mid-span. The steel diaphragms are in need of repainting or replacement. In September 2019 we learned the project is not eligible for funding. An alternative funding source has not been found yet.

At the Donovan Creek Bridge, the approach roadway shoulder and guardrail have been undermined by wave action. The County Road Maintenance Crew is planning to repair this during summer/fall of 2024.

The Old Tarboo Bridge at Tarboo Creek on Old Tarboo Road has an ongoing maintenance issue associated with beaver dam construction directly underneath the bridge. Beavers have been removed twice over the last couple years, and partial beaver dam removal performed, but beavers continue to return to the site. Public Works will be removing the beaver dam again this summer under a permit that allows for follow-up dam removal over a two year period, as needed. In addition, one bridge rail terminal and rail section is scheduled to be replaced due to collision damage.

In March 2024, the Cassel Creek Bridge on Oil City Road was cleaned by the WSDOT Bridge Maintenance Crew under an interagency agreement. The cleaning was necessary in order to allow for visual inspection of the steel bridge girders, and for bridge preservation.

No emergency repairs or inspections were performed in 2023 at the time of this report.

EMERGENCY REPAIRS AND INSPECTIONS

Construction of a new concrete box culvert bridge at Upper Hoh Road MP 4.38 was completed in October 2023 by the Federal Highway Administration Western Federal Lands Division. This project replaced the existing culvert that was damaged from repeated emergency repairs, associated with flooding and plugging of the culvert. It also corrected a fish passage barrier. The project was 100% funded by a Federal Lands Access Program (FLAP) grant and toll credits.

COMPLETED PROJECTS

New bridge at Upper Hoh Road MP 4.38 (May 2024))

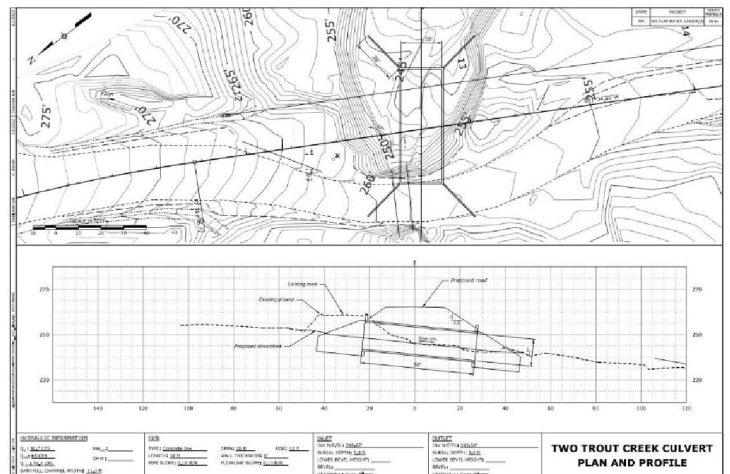


Current projects include the following:

CURRENT PROJECTS

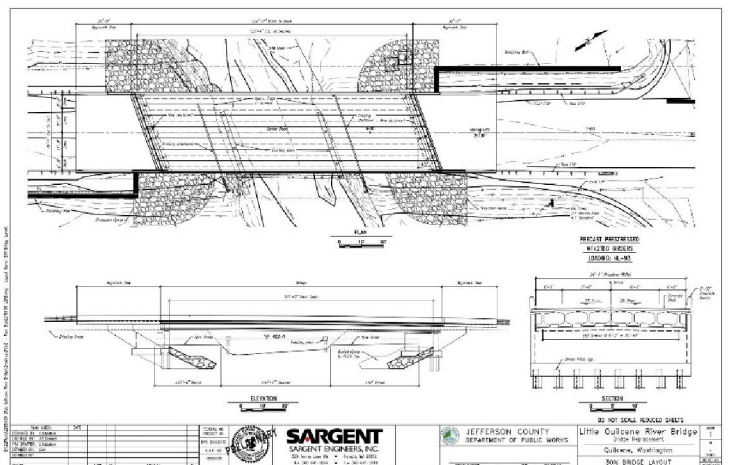
Western Federal Lands is in the process of designing a new concrete box culvert to replace the culverts at Oil City Road milepost 0.5, also funded at 100% for design and construction by FLAP and toll credits. The structure will not meet federal bridge length criteria, but will be included in the County's short-span bridge inspection program. This project will correct a fish-passage barrier, replace undersized culverts, and improve the roadway alignment. It is scheduled for construction in 2026.

Oil City Road MP 0.5 Culvert Replacement



The Little Quilcene River Bridge Replacement project on Center Road was funded in 2021 for design and construction through the WSDOT/FHWA federal bridge replacement program. The Little Quilcene River Bridge is structurally deficient, and is load posted. The project is currently in the preliminary design phase. Construction is scheduled for 2026.

Little Quilcene River Bridge Replacement



The fish-barrier culverts at West Valley Road milepost 2.59 (Naylor Creek) and Gibbs Lake Road milepost 1.82 (Naylor Creek) will be replaced with new structures that will not meet federal bridge length criteria, but will likely

be included in the County's short-span bridge inspection program. These projects will be constructed in 2024. Construction is funded at 100% through the PROTECT Program, which is managed jointly by the Fish Barrier Removal Board and WSDOT.

Trout Unlimited has secured funding through NOAA, including design and construction, to replace multiple fish-barrier culverts in West Jefferson County. These projects include culvert replacements at Upper Hoh Road milepost 1.24 (Tributary to Hell Roaring Creek), Upper Hoh Road milepost 2.74 (Snell Creek), Upper Hoh Road milepost 4.93 (Lindner Creek), Clearwater Road MP 1.35 (Donkey Creek Tributary), Oil City Road MP 5.96, and Oil City Road MP 6.73. The new structures at all of these sites will be close to or greater than 20 ft. span, the minimum span to be federally classified as a bridge. All of these projects are in the preliminary design phase, and are scheduled for construction in 2025 and beyond.

The Jamestown S'Klallam Tribe has secured a 25 million dollar RAISE grant and is working with the Hood Canal Salmon Enhancement Group to replace the Linger Longer Bridge with a new 1,100 foot long bridge over the Big Quilcene River. The project is in the final design phase and is scheduled to begin construction in late 2024 or 2025.

A joint venture between WSDOT, Washington Dept. of Fish and Wildlife, and the U.S. Army Corps. of Engineers will replace the US HWY 101 bridges over the Duckabush River. Shorewood Road crosses Pierce Creek within the project limits. The project originally included replacement of the two culverts at Pierce Creek on Shorewood Road with a new 25 ft. span bridge, which may now be eliminated due to permitting conflicts. The project is planned for construction in 2028.

In addition to Current Projects, the following bridge projects will be programmed in the 2025-2030 Transportation Improvement Program (TIP):

**PROGRAMMED
PROJECTS**

Public Works proposes to replace the culvert at Center Road milepost 3.26 (Chimacum Creek) with a fish-passable structure, which will most likely meet the criteria for a bridge, given the stream width. Public Works is currently working with the FBRB to fund the design phase of this project with surplus funding from the 2023-2025 funding round.

Public Works is pursuing bridge replacement as a remedy for the load restrictions at Yarr Bridge. An application for bridge placement funding was submitted in April 2024 to the Washington State Freight Mobility Strategic Investment Board, and a determination is pending.

As part of the Rhody Drive Ped-Bike Improvements project planned for construction in 2026, a new pedestrian bridge will be constructed over Chimacum Creek.

Two or more heavy maintenance projects are anticipated during the period 2025-2030, and are identified as Countywide Bridge Improvements in the TIP. With 38 bridges in its inventory, and half of them around 50 years old, the county has to plan and budget for ongoing maintenance, in addition to capital projects. Potential maintenance projects include pile bracing/stiffening at Contractor's Creek Bridge, repainting of the steel girders at Cassel Creek Bridge, and Hurst Creek Bridge steel diaphragm repainting/replacement, as described under maintenance activities.

**RECOMMENDED
PROJECTS**

APPENDIX A

Jefferson County Public Works

Master Bridge List

LAST UPDATED: 6/4/24

Total number of open, active bridges:	38
Total number of West Jefferson County bridges:	21 NBI reportable bridges 1 short-span (non NBI) bridge
Total number of East Jefferson County Bridges	15 NBI-reportable bridges 1 pedestrian (non NBI) bridge
Permanently closed bridges:	Old Little Quilcene River Bridge (East Jefferson Co.) Maple Creek Bridge (West Jefferson Co.)

Jefferson County Public Works

Master Bridge List

East Jefferson County

Last Updated: 6/4/2024

FEDERAL STRUCTURE NUMBER	COUNTY NUMBER	NAME	ROAD NUMBER	ROAD NAME	MILEPOST	LENGTH (FEET)	BRIDGE TYPE		YEAR BUILT	FRACTURE CRITICAL	SCOUR CRITICAL	LOAD POSTED	DATE OF LAST INSPECTION	SUFFICIENCY RATING	FUNCTIONALLY OBSOLETE (FO) STRUCTURALLY DEFICIENT (SD)	INSPECTION FREQUENCY (MONTHS)	REMARKS
							Superstructure	Substructure									
7996700	15E	Hunts	634509	Hunt Rd.	0.15	27	Reinforced Conc. Slab	Conc. Abutment w/ C.I.P. conc. piles	1971				4/15/21	89.68		24	
8165100	16E	Little Quilcene River	931507	Center Rd.	14.6	64	Reinforced Conc. Slab, Conc. Girder	Conc. Pile cap, Prestress. Conc. piles	1955			X	4/14/21	28.21	FO SD	24	Bridge replacement funded in 2021.
8464900	17E	Yarr	931507	Center Rd.	3.44	25	Conc. Multiple Web Girder	Conc. Abutment w/ Prestress. Conc. piles	1955			X	4/15/21	64.97		12	
8320300	23E	Linger Longer	301309	Linger Longer Rd.	0.42	81	Prestress. Conc. Bulb-T Girder	Conc. Abutment w/ Conc. column over C.I.P. conc. piles	1969				4/14/21	40.54		24	
8381400	24E	Rocky Brook	250008	Dosewallips Rd.	3.01	47	Prestress. Conc. Bulb-T Girder	Conc. Abutment w/ Conc. Spread footing	1964				4/14/21	47.72		24	
8229900	25E	Meyers	503409	Belfrage Rd.	0.12	30	Timber	Timber abutment, timber piles	1977			X	6/30/21	74.85		24	
8488200	26E	West Uncas	500209	West Uncas Rd.	1.89	61	Reinf. Conc. Slab	Conc. Abutment, Conc. column over C.I.P. conc. pile	1964				4/14/21	83.26		24	
8136900	28E	Leland Creek	344009	Rice Lake Rd.	0.33	32	Prestress. Conc. Slab	Conc. Abutment, Conc. spread footing	1987				4/14/21	88.10	FO	24	
8660000	29E	Contractors Creek	501409	Old Gardiner Rd.	3.56	294	Timber Deck, Timber Girders	Conc. Pile cap, steel piles	2000				8/4/20	86.42		24	UBIT EVERY 4 YEARS -- LAST UBIT 8/4/2020
8754000	31E	Shine Creek	447608	South Point Rd.	0.25	70	Prestress. Conc. Slab	Conc. Abutment w/ Conc. Pile	2005				4/15/21	97.60		24	
8753900	32E	Donovan Creek	327508	E Quilcene Rd.	0.77	70	Prestress. Conc. Slab	Conc. Abutment w/ Conc. Pile	2006				4/14/21	87.36		24	
8753800	33E	Old Tarboo	357509	Old Tarboo Rd.	0.88	42	Prestress. Conc. Slab	Conc. Abutment w/ steel piles	2005				4/15/21	89.98		24	

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East Jefferson County

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							Superstructure	Substructure									
8753800	38E	Andrews Creek	352909	Snow Creek Rd.	3.78	24	Conc. 3-sided Box Culvert	Conc. Spread Footing	2014				4/14/21	91.14		24	
8898600	41E	RTMT Pedestrian	352909	Rick Tollefson Mem. Trail	0.17	80	Steel Thru Truss	Conc. Spread Footing	2017				4/15/21	N/A		24	Pedestrian bridge - not reported to NBI
8902400	42E	Wally Bowman	500209	West Uncas Rd.	0.81	80	Prestress. Conc. Bulb-T Girder	Conc. Abutment w/ Conc. Pile	2018				4/14/21	98.95		24	
8934300	44E	Thorndyke Creek	418708	Thorndyke Rd.	4.71	35	Prestress. Conc. Slab	Conc. Spread Footing	2022							24	

Jefferson County Public Works

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West Jefferson County

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							Superstructure	Substructure									
8451600	01W	Fletcher Creek	911607	Quinault S. Shore Rd.	3.19	78	Prestress. Conc. Bulb-T Girder	Conc. Abutment w/ C.I.P. conc. pile	1974			X	5/24/22	76.14		24	
8258500	02W	Barlow	134309	Oil City Rd.	9.75	64	Prestress. Conc. Slab	Conc. Abutment w/ C.I.P. Conc. Pile	2005				5/24/22	83.43		24	
8145800	03W	Anderson Creek	134309	Oil City Rd.	4.44	87	Prestress. Conc. Bulb-T Girder	Conc. Abutment w/ C.I.P. conc. pile	1974				5/24/22	76.34		24	
8280100	04W	Hell Roaring Creek	914207	Upper Hoh Rd.	0.16	120	Prestress. Conc. Girder	Conc. Abutment w/ steel H pile	1982				5/25/22	73.37		24	
8298800	05W	Alder Creek	914207	Upper Hoh Rd.	2.07	67	Prestress. Conc. Bulb-T Girder	Conc. Abutment w/ C.I.P. conc. pile	1972				5/25/22	68.62		24	
8383600	06W	Rock Creek	914207	Upper Hoh Rd.	6.49	83	Prestress. Conc. Bulb-T Girder	Conc. Abutment w/ C.I.P. conc. pile	1973				5/25/22	47.21		24	
8934200	07W	Tower Creek	914207	Upper Hoh Rd.	7.5	120	Prestress. Conc. Bulb-T Girder	Open-ended steel pipe piling	2022							24	Bridge replaced in 2022
8391000	08W	Queets River	107509	Clearwater Rd.	0.6	844	Steel Plate Girder, C.I.P. conc. deck	Conc. Piers, Conc. Abutment w/ steel H pile	1988				7/5/22	98.71		24	UBIT EVERY 4 YEARS -- LAST UBIT 7/11/2018
8047800	09W	Hemphill Creek	146809	Dowans Creek Rd.	2.3	31	Timber Deck, Timber Girders	Timber abutment, timber piles	1977			X	5/25/22	75.96		24	
7966600	10W	Dowans Creek	146809	Dowans Creek Rd.	0.52	81	Prestress. Conc. Bulb-T Girder	Conc. Abutment w/ C.I.P. conc. pile	1974				5/25/22	78.06		24	

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							Superstructure	Substructure									
8475700	11W	Owl Creek	135109	Maple Creek Rd.	1.29	69	Prestress. Conc. Slab	Conc. Abutment w/ steel H piles	1989				5/24/22	83.39	FO	24	
8253600	13W	Hurst Creek	107509	Clearwater Rd.	2.66	67	Prestress. Conc. Bulb-T Girder	Conc. Abutment, Conc. column, Conc. footing	1969				5/24/22	76.76		24	
8339400	27W	Willoughby Creek	914207	Upper Hoh Rd.	3.52	60	Prestress. Conc. Bulb-T Girder	Conc. Pile cap w/ Prestress. Conc. piles	1962				5/25/22	32.99		24	
8659900	30W	Cassel Creek	134309	Oil City Rd.	3.59	154	Steel Girder	Conc. Pile cap, steel piles	2000	X			7/5/22	80.32	FO	24	Fracture Critical Special Inspection -- WSDOT performs inspection with UBIT biennially
8829800	34W	Pole Creek	914207	Upper Hoh Rd.	8.3	37	Conc. 3-sided Box Culvert	Conc. Spread Footing	2010				5/25/22	80.20		24	
8845600	35W	Dismal Creek	914207	Upper Hoh Rd.	9.19	22	Conc. 3-sided Box Culvert	Conc. Spread Footing	2011				5/25/22	73.19		24	
8853500	36W	Spruce Creek	914207	Upper Hoh Rd.	9.7	22	Conc. 3-sided Box Culvert	Conc. Spread Footing	2012				5/25/22	77.41		24	
8863300	37W	Alder Creek Tributary	914207	Upper Hoh Rd.	2.15	25	Conc. 3-sided Box Culvert	Conc. Spread Footing	2013				5/25/22	76.65		24	
8886600	39W	Upper Hoh Rd. MP 6.95	914207	Upper Hoh Rd.	6.95	21	Conc. 3-sided Box Culvert	Conc. Spread Footing	2016				5/25/22	82.69		24	
8903500	40W	Donkey Creek	107509	Clearwater Rd.	1.29	17	Conc. 3-sided Box Culvert	Open-ended steel pipe piling	2015				5/24/22			24	Short span bridge - not reported to NBI

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							Superstructure	Substructure									
8924800	43W	Canyon Creek	914207	Upper Hoh Rd.	10.2	120	Prestress. Conc. Bulb-T Girder	Open-ended steel pipe piling	2021				5/25/22	73.19		24	
not assigned yet	45W	Upper Hoh Rd. MP 4.38	914207	Upper Hoh Rd.	4.38	20	Conc. 3-sided Box Culvert	Conc. Spread Footing	2023							24	