

Jefferson County Board of Commissioners
Agenda Request

To: Board of Commissioners
Mark McCauley, County Administrator

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

Agenda Date: September 25, 2023, 10:00 AM

Subject: Draft 2024-2029 6-Year Transportation Improvement Program,
2024 Annual Construction Program & 2023 Bridge Condition Report
Briefing

Statement of Issue:

Public Works will brief the County Administrator and Board of County Commissioners on the upcoming public hearing and proposed adoption of the 2024-2029 Jefferson County Six-Year Transportation Improvement Program (TIP).

Analysis / Strategic Goals / Pros & Cons:

RCW 36.81.121 requires the annual adoption of a Six-Year Transportation Improvement Program 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)). Per RCW 36.81.130, the County Engineer shall submit a recommended Annual Construction Program, which is the first year of the TIP. Also as required by WAC 136-20-060, the County Engineer shall furnish the authority with a written report of the annual bridge inspection findings.

Fiscal Impact / Cost-Benefit Analysis:

There is no direct cost related to the briefing. Fiscal impact is evaluated through the bi-annual budgeting process including adoption of an Annual Roads Program.

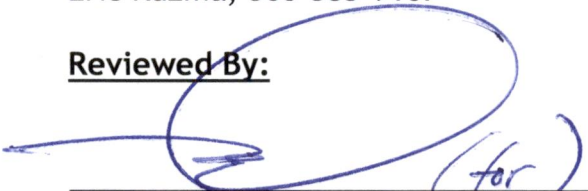
Recommendation:

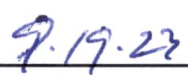
Discussion item, no action required.

Department Contact:

Eric Kuzma, 360-385-9167

Reviewed By:


Mark McCauley, County Administrator


Date

SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2024 - 2029

FUNG. CLASS	TIP PROJECT NO.	PROJECT IDENTIFICATION A. Road Log Number - Bridge Number B. Beginning and End Milepost C. Project (No.) / Road Name D. Description of Work E. Total Cost (incl. prior/future)	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 2024	YEAR 2 2025	YEAR 3 2026	YEAR 4 2027	YEAR 5 2028	YEAR 6 2029	TOTAL 2024-2028					
										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	1/13																					
								CN	3/20																					
								Total	6/24		PBP	696,350	95,660																	
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 = \$1,430,709 (FHWA) + \$3,810,720 (RCO) + \$273,900 (JC Cap.)	28	S	I	N/A	3.50	PE																						
								R/W	1/17																					
								CN	1/20																					
								Total	6/24	STP/STBG	1,430,709	WWRP	3,043,591	5,547																
09	3	51410-MP 2.59 & 51750-MP 1.82 (18020590/1) Naylor's Creek Culvert Replacements Replace culverts at both West Valley and Gibbs Lake Roads with fish-passable crossing. Design funds via FBRB, Construction via FHWA. Total CN = \$1,913,000 (FHWA)	44	S	I	T-0	N/A	PE	10/19	FBRB																				
								R/W																						
								CN	6/24	PROTECT	1,883,000																			
								Total			1,883,000			0	0															
07	4	93150 MP 10.34 to MP 14.58 (18020960) Center Road 2R Resurface 4.24 miles of Center Road north from the the Little Quilcene River to Taison Lane. Total = \$1,889,872 (100% w/ match reduction) (CRAB)	05	S	E	T-3	4.24	PE	1/23																					
								R/W																						
								CN	6/24																					
								Total			0		1,665,368																	
N/A	5	Countywide (18020980) Jefferson County Road Departure Reduction Project Countywide traffic sign additions & upgrades and guardrail reflectors & delineators. Project is carried over from 2023. Total = \$852,905 (FHWA) (10% Local match for PE only)	21	S	E	N/A	N/A	PE	1/22	HSIP																				
								R/W																						
								CN	8/23	HSIP	40,150																			
								Total			40,150		0	0																
07	6	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	1/22	BRR	197,170																			
								R/W	1/22	BRR	50,000																			
								CN	12/24	BRR	4,899,120																			
								Total			5,146,290		0	0																
09	7	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	1/21	FLAP																				
								R/W																						
								CN																						
								Total			0		0	0																
04	8	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) (Projected CN - SRTS funds)	28	S/P	E	T-3	0.45	PE	8/21	TAP	32,987																			
								R/W																						
								CN	6/25		SRTS	447,914																		
								Total			32,987		447,914	0	5,148	486,049	15,500	15,500	447,914	455,049	0	0	0	0	486,049					
04	9	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. Partial PE grant = \$175,041 (FHWA) (Projected PE-PIF & CN-SRTS funds)	28	S/P	E	T-3	0.62	PE	7/22	TAP	22,812																			
								R/W	6/24		SRTS	16,340																		
								CN	6/26		SRTS	1,459,987																		
								Total			22,812		1,476,327	160,000	67,144	249,956	208,535	16,570	1,459,987	1,459,987	0	0	0	0	1,726,283					

**SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2024 - 2029**

FUNC. CLASS	TIP PROJECT NO.	PROJECT IDENTIFICATION A. Road Log Number - Bridge Number B. Beginning and End Milepost C. Project (No.) / Road Name D. Description of Work E. Total Cost (incl. prior/future)	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 2024	YEAR 2 2025	YEAR 3 2026	YEAR 4 2027	YEAR 5 2028	YEAR 6 2029	TOTAL 2024-2028		
										FEDERAL FUNDS		STATE FUNDS															
										FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE														
09	10	34230 MP 1.6 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 = \$395,900 (FEMA) (18020850)	04	S	I	T-5	0.1	PE R/W CN Total	6/22	FEMA		FEMAm			0								0				
									8/23	FEMA		FEMAm			0									0			
									4/24	FEMA	356,310	FEMAm	19,795		19,795	395,900	395,900							395,900			
											356,310		19,795	0	19,795	395,900	395,900	0	0	0	0	0	395,900				
09	11	50540 MP 0.84 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) (18020890)	04	S	I	T-0	0.75	PE R/W CN Total	6/22	FEMA		FEMAm			0								0				
									10/22	FEMA		FEMAm			0								0				
									6/24	FEMA	218,250	FEMAm	12,125	100,000	12,125	342,500	342,500						342,500				
											218,250		12,125	100,000	12,125	342,500	342,500	0	0	0	0	0	342,500				
N/A	12	East Jefferson County Culvert Lining Project Ongoing project to cast-in-place structural liners as a cost-effective alternative to correct the County's many, aging non-fish bearing culverts. Total = \$275,000 (18021160)	44	S	E	N/A	N/A	PE R/W CN Total	4/23					9,000	9,000		4,500	4,500					9,000				
															0						0						
									5/24				266,000	266,000		133,000	133,000					266,000					
										0		0	0	275,000	275,000	0	137,500	137,500	0	0	0	275,000					
09	13	50200 MP 0.650 to 0.695 Gardiner Beach Road Boat Ramp Repair Joint project with the Port of Port Townsend to elevate roadway to accommodate the Port's reconstruction of the existing boat ramp. Total = \$800,000 (TBD)	04	S	I	T-0	0.05	PE R/W CN Total						0								0					
															0						0						
									4/24				50,000	50,000	50,000					50,000							
										0		0	0	50,000	50,000	50,000	0	0	0	0	0	50,000					
07	14	91420 MP 1.24 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) (TBD)	44	S	I	T-4	N/A	PE R/W CN Total	1/24	NOAA	2,000			2,000	2,000							2,000					
									1/24				7,500	7,500	7,500					7,500							
									6/24	NOAA	5,750			5,750	5,750					5,750							
											7,750	0	0	7,500	15,250	15,250	0	0	0	0	0	15,250					
N/A	15	85020 Olympic Discovery Trail - PS2P Project Planning & Design project for 5 segments of the ODT: (1) 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: \$2,030,000 (of \$16,130,000 total FHWA RAISE Grant) (TBD)	28	S	I	N/A	N/A	PE R/W CN Total	1/24	RAISE	2,030,000			2,030,000	500,000	500,000	280,000	200,000	450,000	100,000	2,030,000						
													0							0							
													0							0							
											2,030,000	0	0	0	2,030,000	500,000	500,000	280,000	200,000	450,000	100,000	2,030,000					
09	16	30130 MP 0.42 Big Quilcene River Bridge Replacement Project Project will restore a 1.1 mile segment of the Big Quilcene River and associated floodplain, including replacement of the Linger Longer Bridge. Total = \$25,000,000 (CN - FHWA RAISE Grant) (TBD)	10	S	S	T-4	0.2	PE R/W CN Total	1/24	RAISE	10,000			10,000	10,000							10,000					
													0								0						
									1/24	RAISE	30,000			30,000	60,000	10,000	20,000					30,000					
											40,000	0	0	30,000	70,000	20,000	20,000	0	0	0	0	40,000					
09	17	52000 MP 0.08 to MP 1.30 Van Trojan 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 = \$147,600 (TBD)	05	S	E	T-0	1.22	PE R/W CN Total						0								0					
													0								0						
									6/25				147,600	147,600		147,600					147,600						
										0		0	0	147,600	147,600	0	147,600	0	0	0	0	147,600					
07	18	91420 MP 9.7 to MP 9.8 Upper Hoh Road Spruce Creek Mitigation Environmental mitigation / Permanent repairs project in response to 2015 emergency repairs. Total= \$293,160 (FHWA) (18019880)	20	S/P	S	T-4	0.1	PE R/W CN Total	11/18	ER	25,950			4,050	30,000	12,500	12,500	5,000				30,000					
													0								0						
									6/25	ER	190,300			29,700	220,000				220,000			220,000					
											216,250	0	0	33,750	250,000	12,500	12,500	225,000	0	0	0	250,000					

**SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2024 - 2029**

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										FUNDING SOURCE INFORMATION						YEAR 1 2024	YEAR 2 2025	YEAR 3 2026	YEAR 4 2027	YEAR 5 2028	YEAR 6 2029	TOTAL 2024-2028	
										FEDERAL FUNDS		STATE FUNDS		OTHER REVENUES	LOCAL FUNDS								TOTAL
										FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE										
07	19	91420 MP 2.74 (TBD) Snell Creek Culvert Replacement, Upper Hoh Road A Trout Unlimited project to replace an existing PCC fish barrier culvert with a pipe arch or 3-sided concrete box culvert. Total = \$1,946,124 (NOAA)	44	S	I	T-4	N/A	PE R/W CN Total	1/24	NOAA	2,000				2,000	2,000						2,000	
									1/24				10,000	10,000	10,000						10,000		
									6/25	NOAA	5,750			5,750	5,750						5,750		
											7,750		0	0	10,000	17,750	12,000	5,750	0	0	0	17,750	
07	20	91420 MP 4.93 (TBD) Lindner Creek Culvert Replacement, Upper Hoh Road A Trout Unlimited project to replace ban 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	2,000				2,000	2,000					2,000		
									1/24				10,000	10,000	10,000						10,000		
									6/25	NOAA	5,750			5,750	5,750						5,750		
											7,750		0	0	10,000	17,750	12,000	5,750	0	0	0	17,750	
08	21	10750 MP 1.35 (TBD) 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 SRFB)	44	S/P	I	T-5	N/A	PE R/W CN Total	1/24			4,000	4,000	1,000	2,000	1,000					4,000		
									1/24			10,000	10,000	5,000	5,000					10,000			
									6/25			5,750	5,750			5,750					5,750		
											0	0	19,750	19,750	6,000	7,000	6,750	0	0	0	19,750		
07 09	22	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 = \$306,104 (WSDOT)	04 28	P	E	T-0 T-3	0.30	PE R/W CN Total	1/19		PBP	60,188			60,188	60,188					60,188		
											PBP	5,251			5,251					5,251			
									6/26		PBP	240,665			240,665			240,665			240,665		
											0		306,104	0	0	306,104	0	65,439	240,665	0	0	0	306,104
03	23	US 101 MP 309.88-310.50 (TBD) Duckabush Estuary Restoration-Realignment Project Project will replace US101 causeway with a bridge. Will also realign a Duckabush Rd. segment & replace a culvert with a bridge on Shore Rd. Total = \$126 million (WDFW/USACE/WSDOT)	10	S/P	S	T-3	0.62	PE R/W CN Total	1/24				6,000	6,000	1,000	1,500	1,500	1,500	1,000		6,500		
												0								0			
									4/26			0								0			
											0		0	0	6,000	6,000	1,000	1,500	1,500	1,500	1,000	0	6,500
09	24	13430 MP 0.5 (TBD) 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	1/24	FLAP		7,200	7,200	2,400	2,400	2,400					7,200		
									1/25			44,000	44,000	30,000	14,000					44,000			
									6/26	FLAP		3,000	3,000		3,000					3,000			
											0		0	54,200	54,200	32,400	16,400	5,400	0	0	0	54,200	
07	25	91420 MP 7.9 to MP 8.2 (18020560) 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		7,200	7,200	2,400	2,400	2,400					7,200		
									1/24			44,000	44,000	30,000	14,000					44,000			
									6/26	FLAP		3,000	3,000		3,000					3,000			
											0		0	54,200	54,200	32,400	16,400	5,400	0	0	0	54,200	
08	26	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 = \$1,362,000 (CRAB)	05	P	E	T-0	2.26	PE R/W CN Total	1/25		RAP	74,700		8,300	83,000		83,000					83,000	
												0								0			
									6/26		RAP	1,151,100		127,900	1,279,000			1,279,000			1,279,000		
											0		1,225,800	0	136,200	1,362,000	0	83,000	1,279,000	0	0	0	1,362,000
07	27	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 = \$1,567,272 (FLAP) + \$409,000 (RAP)	06 21	S	E	T-4	12.04	PE R/W CN Total	1/17	FLAP		RAP	62,000		62,000	500	5,000	55,000	1,500			62,000	
												0								0			
									6/26	FLAP		RAP	347,000		347,000			347,000			347,000		
											0		409,000	0	0	409,000	500	5,000	55,000	348,500	0	0	409,000

**SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2024 - 2029**

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										FUNDING SOURCE INFORMATION						OTHER REVENUES	LOCAL FUNDS	TOTAL	YEAR 1 2024	YEAR 2 2025	YEAR 3 2026	YEAR 4 2027	YEAR 5 2028	YEAR 6 2029	TOTAL 2024-2028
										FEDERAL FUNDS		STATE FUNDS													
										FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE												
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= 3,491,425 (FEMA)	20	P	S	T-5	0.10	PE R/W CN Total	1/25	FEMA	307,838	FEMAm	51,307		51,307	410,452		205,226	205,226				410,452		
									1/26	FEMA	7,500	FEMAm	1,250		1,250	10,000				10,000					
									6/27	FEMA	2,498,931	FEMAm	416,488		416,488	3,331,907			3,331,907						
													0	469,045	3,752,359	0	205,226	215,226	3,331,907	0	0	3,752,359			
07	29	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 = \$5,558,333 (FHWA)	11	P	S	T-3	0.10	PE R/W CN Total	10/24	BRR	930,274				930,274	10,000	400,000	400,000	120,274			930,274			
									1/25	BRR	70,000				70,000		25,000	45,000			70,000				
									6/28	BRR	4,485,431				4,485,431				4,485,431			4,485,431			
													0	0	5,485,705	10,000	425,000	445,000	120,274	4,485,431	0	5,485,705			
03	30	US 101 & multiple 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 = \$1,843,018 (WSDOT)	28	P	E	T-3	0.05	PE R/W CN Total	1/27			PBP	276,970		276,970				76,970	200,000		276,970			
															0						0				
									6/29			PBP	1,566,048		1,566,048				1,566,048						
													0	0	1,843,018	0	0	0	76,970	200,000	1,566,048	1,843,018			
07	31	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 (FHWA)	11	P	I	T-3	N/A	PE R/W CN Total	7/25	PROTECT	1,055,434				1,055,434		200,000	325,000	325,000	205,434		1,055,434			
									1/26	PROTECT	70,000				70,000			25,000	45,000			70,000			
									6/29	PROTECT	5,053,685				5,053,685					5,053,685					
													0	0	6,179,119	0	200,000	350,000	370,000	205,434	5,053,685	6,179,119			
N/A	32	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 = \$1,380,000 (FHWA) (10% Local match for PE only)	21	P	E	N/A	N/A	PE R/W CN Total	1/25	HSIP	180,000				20,000	200,000		50,000	50,000		50,000	200,000			
															0	0					0				
									6/27	HSIP	1,200,000				0	1,200,000				1,200,000			1,200,000		
													0	0	1,380,000	0	0	20,000	1,400,000		50,000	50,000	1,400,000		
N/A	33	Countywide Bridge Heavy Maintenance Program Protection of primary bridge components, seismic retrofits, etc. through a biennial WSDOT administered federal grant program. Total = \$350,000	48	P	E	N/A	N/A	PE R/W CN Total	1/26	BRR	40,000				10,000	50,000			25,000		25,000		50,000		
															0						0				
									6/27	BRR	240,000				60,000	300,000				150,000		150,000	300,000		
													0	0	280,000	0	0	70,000	350,000		25,000	150,000	25,000	150,000	350,000
N/A	34	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 = \$210,000	N/A	P	E	N/A	N/A	PE R/W CN Total	1/24						60,000	60,000	10,000	10,000	10,000	10,000	10,000	10,000	60,000		
															0	0					0				
									1/24						150,000	150,000	25,000	25,000	25,000	25,000	25,000	25,000	150,000		
													0	0	0	0	35,000	35,000	35,000	35,000	35,000	210,000			
											27,579,101	11,613,437	396,207	1,719,957	41,308,702	10,873,166	6,643,104	5,522,183	5,834,151	5,451,865	6,954,733	41,279,202			

PE	4,838,465	525,165	195,000	271,849	5,830,479	1,017,290	1,577,999	1,374,161	735,244	941,434	160,000	5,806,128
R/W	197,500	22,841	0	126,750	347,091	167,351	79,591	80,000	45,000	0	0	371,942
CN	22,543,136	11,065,431	201,207	1,321,358	35,131,132	9,688,525	4,985,514	4,068,022	5,053,907	4,510,431	6,794,733	35,101,132
Total	27,579,101	11,613,437	396,207	1,719,957	41,308,702	10,873,166	6,643,104	5,522,183	5,834,151	5,451,865	6,954,733	41,279,202

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

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 - 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	FHWA-WSDOT STP Transportation Alternatives Program
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
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

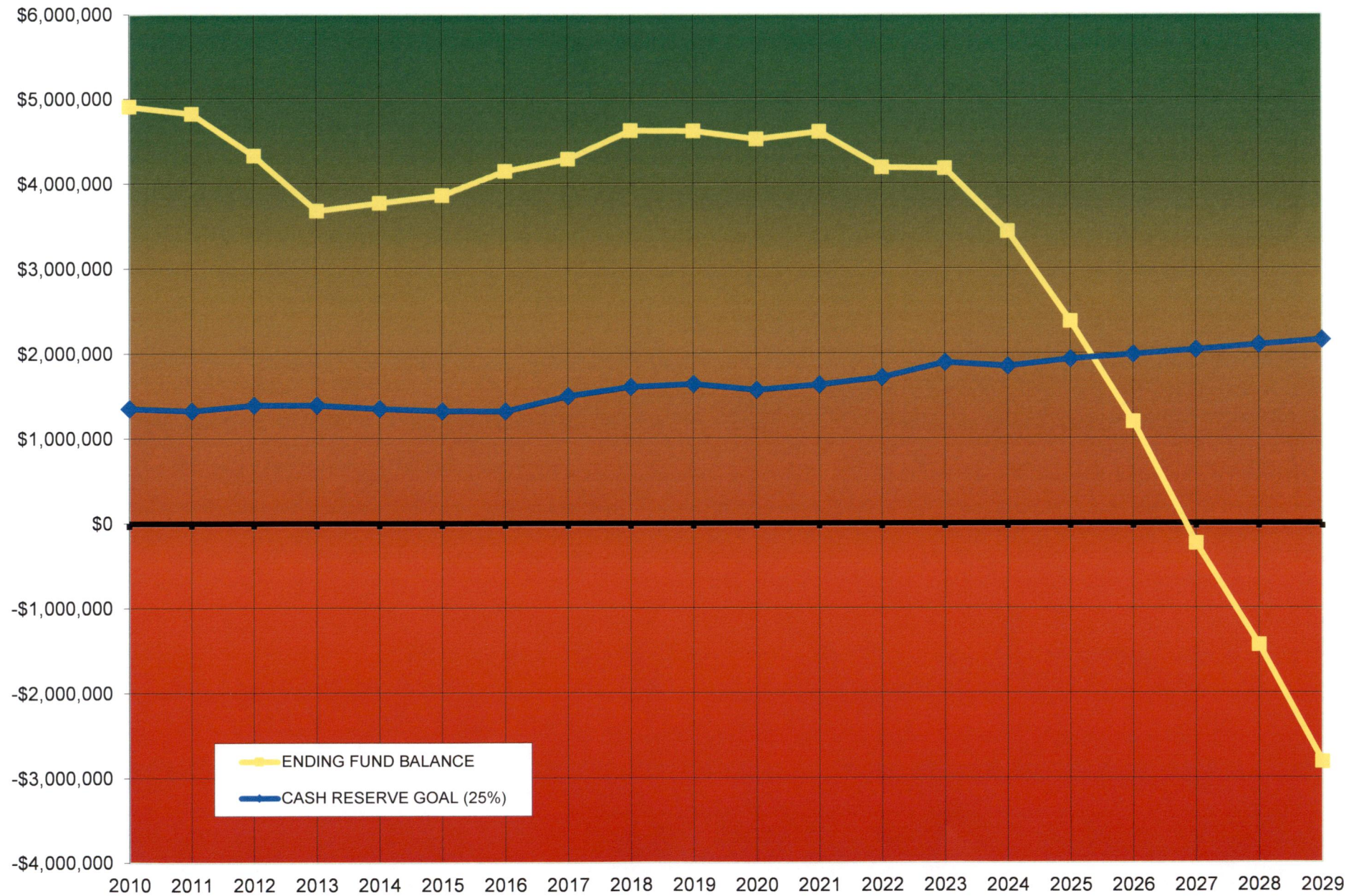
OTHER FUNDING CODES

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

PRIORITY ARRAY
2023 BoCC WEIGHTING FACTORS
(Used for Development of the 2024-2029 TIP)
Ranked Order by Average Weight Factor
(listed high to low, alpha listed ties)

Criteria		Weight Average 2023
1	Grant availability	0.933
2	Average daily traffic	0.800
3	Community plan/Comp. Plan use	0.800
4	Non motorized needs	0.800
5	Road safety	0.800
6	School pedestrian route	0.800
7	Transit/school bus route	0.800
8	Collision history	0.767
9	Economic development	0.767
10	Fish passage barriers	0.733
11	Serviceability	0.733
12	Community center use	0.700
13	Pavement rating	0.700
14	Surface water management	0.700
15	Present or future LOS	0.667
16	Public interest	0.667
17	Recreational land use	0.663
18	Functional classification	0.567
19	Geometric consistency w/standards	0.533

2024-2029 Six-Year County Road Fund Projection





Bridge Condition Report 2023

Jefferson County, Washington



JEFFERSON COUNTY

2023 ANNUAL BRIDGE CONDITION REPORT



Approved by: _____
Monte Reinders, P.E.
Public Works Director / County Engineer

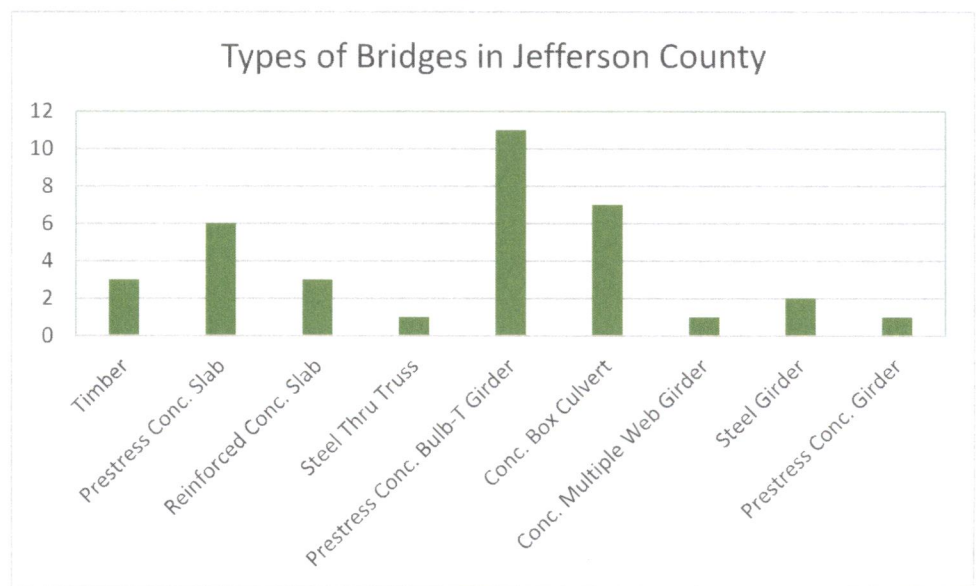
Prepared by: Mark Thurston 6-7-23
Mark Thurston, P.E.
Lead Bridge Inspector / Engineer IV

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 37 active bridges—see the attached Master Bridge List (Appendix A) for a listing of the county bridges. Of these, 35 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, which are not listed on the Master Bridge List.

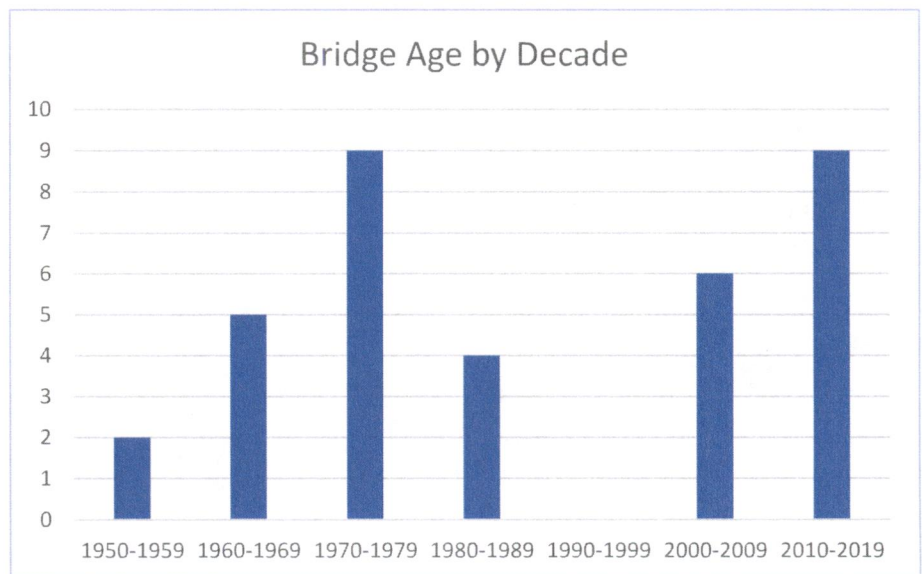
BRIDGE INVENTORY



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 East Jefferson County bridges in 2023. 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 in April 2023.

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 four bridges that are load posted, Little Quilcene 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. As a result of a new load rating requested by WSDOT and completed

POSTED BRIDGES



Yarr Bridge

in April 2023, the Yarr Bridge on Center Road will need to be load posted. As of the writing of this report in June 2023, the posting process is underway.

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 need 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. This needs to be repaired before next winter in order to shore up the guardrail and prevent possible undermining of the roadway.

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 year, and partial beaver dam removal performed, but beavers continue to return to the site. In addition, one bridge rail terminal and rail section need to be replaced due to collision damage.

The Cassel Creek Bridge on Oil City Road needs to be cleaned and washed utilizing special access equipment. The cleaning is necessary in order to allow for visual inspection of the steel bridge girders. Public Works is working to obtain necessary permits, and set up an agreement with the WSDOT bridge maintenance division to perform the cleaning.

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

EMERGENCY REPAIRS AND INSPECTIONS

Replacement of the Tower Creek Bridge at Upper Hoh Road MP 7.5 was completed in late 2022 by the Federal Highway Administration Western Federal Lands Division. This project replaced the existing bridge with a new, 120 ft. long concrete bridge. The project was 100% funded by a Federal Lands Access Program (FLAP) grant and toll credits.

COMPLETED PROJECTS

Also in 2022, the fish-barrier culverts at Thorndyke Road milepost 4.71 (Thorndyke Creek) were replaced with a new 35-ft. span buried concrete bridge. This project was funded by the Fish Barrier Removal Board (FBRB) and the U.S. Fish and Wildlife National Fish Passage Program.

New bridge at Tower Creek (November 2022)



New bridge at Thorndyke Creek (February 2023)



Current projects include the following:

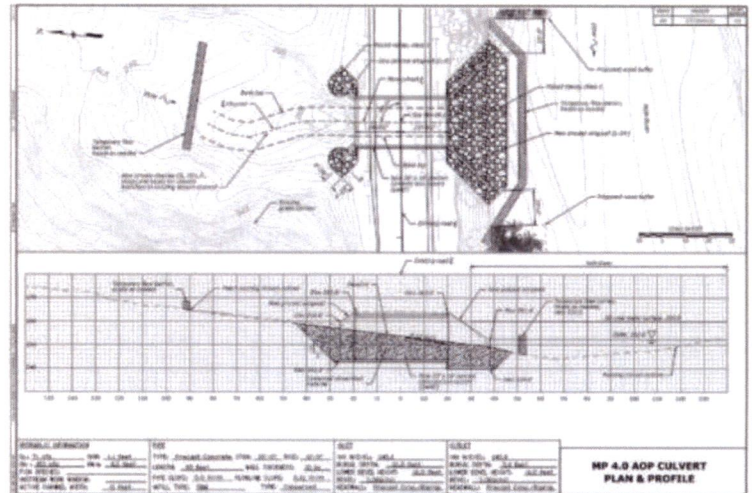
CURRENT PROJECTS

The Federal Highway Administration Western Federal Lands Division will be constructing a new bridge at Upper Hoh Road milepost 4.38 during the summer of 2023. This project will replace a deteriorated culvert and correct a fish-passage barrier by installing a new 20 ft. span concrete box culvert. The project is 100% funded by a Federal Lands Access Program (FLAP) grant and toll credits.

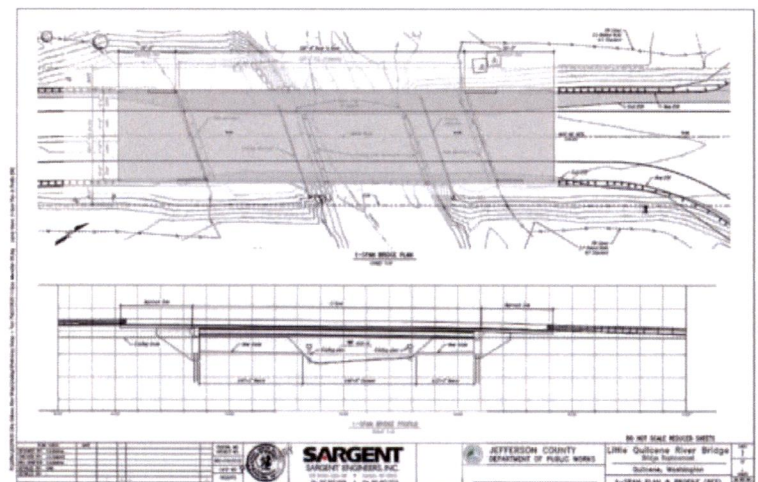
Western Federal Lands is also in the process of designing a new bridge to replace the culverts at Oil City Road milepost 0.5, also funded at 100% for design and construction by FLAP and toll credits. This project will correct a fish-passage barrier, replace undersized culverts, and improve the roadway alignment. It is scheduled for construction in 2026.

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. It appears that the project will have to go through formal consultation under the Endangered Species Act, which could take two or more years. Construction is scheduled for 2025, but may be delayed due to the anticipated long permitting process.

Upper Hoh Rd MP 4.38 Culvert Replacement



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. Public Works has completed the design of these structures and has secured funding for construction through the PROTECT Program, which is managed jointly by the FBRB and WSDOT. Construction is scheduled for 2024.

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, Upper Hoh Road milepost 2.74 (Snell Creek), and Upper Hoh Road milepost 4.93 (Lindner Creek). 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 2024 and 2025.

In addition to Current Projects, the following bridge projects are programmed in the 2024-2029 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. Applications were submitted in 2021 and 2022 for design funding from the FBRB but the project was not selected in either funding round. Public Works plans to apply again in November 2023.

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 2023 through the WSDOT/FHWA federal bridge replacement program, and a determination is pending.

Two or more heavy maintenance projects are anticipated during the period 2024-2029, and are identified as Countywide Bridge Improvements in the TIP. With 36 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, and repainting of the steel girders at Cassel Creek Bridge.

Hurst Creek Bridge steel diaphragm repainting/replacement, as described under maintenance activities.

RECOMMENDED PROJECTS

Jefferson County Public Works

Master Bridge List

LAST UPDATED: 11/10/22

Total number of bridges in inventory:	37
Total number of permanently closed bridges:	2
Total number of active bridges:	37
Total number of West Jefferson County bridges:	20 active bridges 1 short-span (non NBIS) bridge 1 permanently closed bridge
Total number of East Jefferson County Bridges	15 active bridges 1 pedestrian (non NBIS) bridge 1 permanently closed bridge

Jefferson County Public Works
Master Bridge List
East Jefferson County

6/7/2023

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									
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	
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 2021.
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	Increased inspection
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	
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	
Meyers	503409	Belfrage Rd.	0.12	30	Timber	Timber abutment, timber piles	1977			X	6/30/21	74.85		24	
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	
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	
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 LAST UBIT 8/4.

Jefferson County Public Works
Master Bridge List
East Jefferson County

6/7/2023

NAME	ROAD NUMBER	ROAD NAME	MILEPOST	LENGTH (FEET)	BRIDGE TYPE		YEAR BUILT	FRACTURE CRITICAL	SCOUR CRITICAL	LOAD POSTED	LAST INSPECTION	SUFFICIENCY RATING	FUNCTIONALLY OBSOLETE (FO) STRUCTURALLY DEFICIENT (SD)	INSPECTION FREQUENCY (MONTHS)	REMARKS
					Superstructure	Substructure									
Shine Creek	447608	South Point Rd.	0.25	70	Prestress. Conc. Slab	Conc. Abutment w/ Conc. Pile	2005				4/15/21	97.60		24	
Donovan Creek	327508	E Quilcene Rd.	0.77	70	Prestress. Conc. Slab	Conc. Abutment w/ Conc. Pile	2006				4/14/21	87.36		24	
Old Tarboo	357509	Old Tarboo Rd.	0.88	42	Prestress. Conc. Slab	Conc. Abutment w/ steel piles	2005				4/15/21	89.98		24	
Andrews Creek	352909	Snow Creek Rd.	3.78	24	Conc. 3-sided Box Culvert	Conc. Spread Footing	2014				4/14/21	91.14		24	
RTMT Pedestrian	352909	Rick Tollefson Mem. Trail	0.17	80	Steel Thru Truss	Conc. Spread Footing	2017				4/15/21	N/A		24	
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	
Thorndyke Creek	418708	Thorndyke Rd.	4.71	35	Prestress. Conc. Slab	Conc. Spread Footing	2022							24	Bridge construct Initial inspection yet.

Jefferson County Public Works
Master Bridge List
West Jefferson County

7/2023

NAME	ROAD NUMBER	ROAD NAME	MILEPOST	LENGTH (FEET)	BRIDGE TYPE		YEAR BUILT	FRACTURE CRITICAL	SCOUR CRITICAL	LOAD POSTED	LAS INSPECTION	SUFFICIENCY RATING	STRUCTURALLY DEFICIENT (SD) FUNCTIONALLY OBSOLETE (FO)	INSPECTION FREQUENCY (MONTHS)	REMARKS
					Superstructure	Substructure									
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	
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	
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	
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	
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	
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	
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
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
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	
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	

Jefferson County Public Works
Master Bridge List
West Jefferson County

7/2023

NAME	ROAD NUMBER	ROAD NAME	MILEPOST	LENGTH (FEET)	BRIDGE TYPE		YEAR BUILT	FRACTURE CRITICAL	SCOUR CRITICAL	LOAD POSTED	LAST INSPECTION	SUFFICIENCY RATING	STRUCTURALLY DEFICIENT (SD) FUNCTIONALLY OBSOLETE (FO)	INSPECTION FREQUENCY (MONTHS)	REMARKS
					Superstructure	Substructure									
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	
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	
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	
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
Pole Creek	914207	Upper Hoh Rd.	8.3	37	Conc. 3-sided Box Culvert	Conc. Spread Footing	2010				5/25/22	80.20		24	
Dismal Creek	914207	Upper Hoh Rd.	9.19	22	Conc. 3-sided Box Culvert	Conc. Spread Footing	2011				5/25/22	73.19		24	
Spruce Creek	914207	Upper Hoh Rd.	9.7	22	Conc. 3-sided Box Culvert	Conc. Spread Footing	2012				5/25/22	77.41		24	
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	
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	
Donkey Creek	107509	Clearwater Rd.	1.29	17	Conc. 3-sided Box Culvert	Open-ended steel pipe piling	2015				5/24/22			24	
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	