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:

December 4, 2023

Subject:

Adoption of the 2024-2029 Six-Year

Transportation Improvement Program

Statement of Issue:

Conduct a public hearing for the purpose of receiving public testimony concerning adoption of the 2023-2028 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 proposed Six-Year Transportation Improvement Program. Return a signed copy of the resolution to Public Works for further processing.

Department Contact:

Eric Kuzma, Asst. Public Works Director, 360-385-9167

Reviewed By:

Mark McCauley Qounty Administrator

Date

COUNTY OF JEFFERSON STATE OF WASHINGTON

In the Matter of Adoption of the 2024-2029 Six-Year Transportation Improvement Program (TIP)	} } }	RESOLUTION NO
basis a Six-Year Transportation Impro the purpose of which is to, "assure to	ovement Progran that each county	ve authority of each county to adopt on an annual n (TIP), holding a public hearing prior to adoption, shall perpetually have available advanced plans guide in carrying out a coordinated transportation
WHEREAS, an analysis of the using the County's best estimate of the 15-030; and,	he Road Fund w future revenues	vas prepared covering the six-year program period and expenditures in accordance with WAC 136-
reviewed the TIP project array and B	Bridge Condition	oners, Jefferson County, State of Washington, has Report as prepared by the Department of Public corresponding proposed Six-Year Transportation
		of County Commissioners does approve and adopt or the years 2024 through 2029 in accordance with
ADOPTED and signed this	day of	2023.
		JEFFERSON COUNTY BOARD OF COMMISSIONERS
		Kate Dean, District 1
ATTEST:		Heidi Eisenhour, District 2
Carolyn Gallaway Clerk		Greg Brotherton, District 3

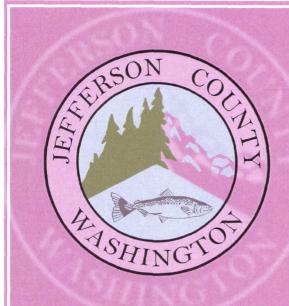
		Т	Т		T	1			DDO II	CT COSTS	IN DOLLARS										
		ı		S		-		I	PROJI		SOURCE INF						EXPEN	DITURE SCH	IEDULE		
18	*	l		SESS			1	FEDERA	FUNDS		FUNDS	CINIMATION	T								
ASS	PROJECT IDENTIFICATION A. Road Log Number - Bridge Number B. Beginning and End Milepost C. Project (No.) / Road Name D. Description of Work E. Total Cost (incl. prior/future)	IMPROVEMENT TYPE	FUNDING STATUS	ENVIRONMENAL ASSESS FREIGHT & GOODS CLASS	NGTH	PROJECT PHASE	MONTH / YEAR FUND STARTS	FEDERAL FUND	FEDERAL COST S BY PHASE	STATE FUND TYPE	STATE COST BY PHASE	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
	US 101 & County Roads MP 294.6 to MP 295.0 (18019330)					1										17					
1 1	Quilcene Complete Streets - Phase 1					PE	1/13						10,000	10,000	10,000						10,000
03	Publicly driven ped/bike improvements involving: US 101, traffic calming,	28	S	E T-	3 0.50	R/W	3/20							. 0							0
1 18	sidewalk, crosswalk & lighting improvements with a focus on connecting					CN	6/24			PBP	695,350	95,660		791,010	791,010						791,010
	to the school campus. Total = \$997,500 (WSDOT + \$95,660 from PIF)					Total			0		695,350	95,660	10,000	801,010	801,010	0	0	0	0	0	801,010
	85020 4 Corners Rd. to Anderson Lake State Park (18019890)														27.000				-		35,000
1	Olympic Discovery Trail (ODT) - Connection	l				PE	1/17			WWRP		35,000		35,000	35,000						35,000
N/A	PS&E, ROW and Construction of the ODT segment connecting the Larry	28	S	I N/	A 3.50	R/W	1/20	070/0700	4 400 700	WWRP	0.040.504	5.547		4 470 047	4,479,847						4,479,847
1 1	Scott Trail, via Jefferson Transit P&R, to Anderson Lake State Park.					CN	6/24	STP/STBG	1,430,709	WWRP	3,043,591	5,547		4,479,847 4,514,847						_	4,514,847
\vdash	Total = \$1,430,709 (FHWA) + \$3,810,720 (RCO) + \$273,900 (JC Cap.) 51410-MP 2.59 & 51750-MP 1.82 (18020590/1)	₩		-	-	Total			1,430,709		3,043,591	40,547		4,514,647	4,514,647	- V	- 0		- "		4,514,041
1 18	(PE	10/19	FBRB						0							(
	Naylors Creek Culvert Replacements Replace culverts at both West Valley and Gibbs Lake Roads with fish-	44	s	1 T-	o N/A	R/W	10/19	FDKD	700		-			0							1
09	passable crossing. Design funds via FBRB, Construction via FHWA.	""		. '	U N/A	CN	6/24	PROTECT	1,883,000				0	1,883,000	1,883,000						1,883,000
	Total CN = \$1,913,000 (FHWA)					Total	0/24	PROTECT	1,883,000	100	0	0	0	1,883,000		0	0	0	0	(1,883,000
-	93150 MP 10.34 to MP 14.58 (18020960)	\vdash		_	+	IOtal			1,003,000	49	, , , , , , , , , , , , , , , , , , ,	- 4		1,000,000	1,000,000						
	Center Road 2R	1				PE	1/23		100	RAP	4000			0							
07	Resurface 4.24 miles of Center Road north from the	05	s	E T-	3 4.24	R/W			47 1	- A	P MI	-		0							C
	the Little Quilcene River to Taison Lane.			- -		CN	6/24			RAP	1,665,368			1,665,368	1,665,368						1,665,368
	Total = \$1,889,872 (100% w/ match reduction) (CRAB)					Total			0		1,665,368	0	0	1,665,368		0	0	0	0	(1,665,368
	Countywide (18020980)				1 -	1															
1	Jefferson County Road Departure Reduction Project					PE	1/22	HSIP					0	0					-		(
N/A	Countywide traffic sign additions & upgrades and guardrail	21	s	E N/	A N/A	R/W					- 67		0	0							
	reflectors & delineators. Project is carried over from 2023.					CN	8/23	HSIP	40,150			4	0	40,150							40,150
8	Total = \$852,905 (FHWA) (10% Local match for PE only)					Total			40,150		0	0	0	40,150	40,150	0	0	0	0		40,150
	93150 Center Road MP 14.55 to MP 14.70 (18020970)					i															
17	Little Quilcene River Bridge Replacement					PE	1/22	BRR	197,170				0	197,170	189,955	7,215					197,170
07	Replacement of a 1955, 64-ft. concrete bridge with structural	11	S	1 T-	3 0.5	R/W	1/22	BRR	50,000				0	50,000				ļ			50,000
	deficiencies, through a FHWA local bridge program grant.					CN	12/24	BRR	4,899,120				0	4,899,120		4,648,414					4,899,120
	Total = \$5,680,128 (FHWA)	↓				Total			5,146,290		0	0	0	5,146,290	239,955	4,655,629	250,706	0			5,146,290
	13430 MP 8.50 to MP 10.98 (18020840)	1				1														-	2,500
	Oil City Road Engineering Assessment - FLAP Project	1.		_ _		PE	1/21	FLAP					2,500	2,500	2,500				-		2,500
09	Local funds for infrastructure protection, planning project performed	18	S	E T-	5 2.48	R/W								0							+ -
	by FHWA Western Federal Lands division, thru FLAP program.					CN							2 500	2,500	2,500	0					0 2,500
\vdash	Total FLAP = \$250,000 (uses toll credits)	-			+	Total			- 0		-	0	2,500	2,500	∠,500	U	-				2,500
	SR19 MP 9.56 to MP 10.1 (18020760)		1			PE	8/21	TA	32,987				5,148	38,135	15,500	15,500	7,135				. 38,135
	Rhody Drive Ped-Bike Improvements - North Segment Pedestrain & bicycle facilities along SR19 connecting HJ Carroll Park/	20	9/0	F	3 0.45		0/21	<u> </u>	32,307				J, 140	30,133	13,300	10,000	1,100	 			100,100
V ⁴	Rick Tollefson Trail to existing facilities at Chimacum Schools Campus.	40	3,5	- '	0.43	CN	6/25			SRTS	447,914			447,914			447,914				447,914
	Total PE grant = \$109,907 (FHWA) (Projected CN - SRTS funds)					Total	0/23		32,987	01110	447,914		5,148		15,500	15,500					0 486,049
\vdash	SR19 MP 8.94 to MP 9.56 (18020950)	\vdash	\vdash	\dashv	+-	Total			32,301		777,014	-	0,140	100,040	10,000	.0,000	100,040		<u> </u>		
	Rhody Drive Ped-Bike Improvements - South Segment					PE	7/22	TA	22,812			160,000	67,144	249,956	208,535	16,570					225,10
04	Pedestrian & bicycle facilities along SR19 connecting the Chimacum	28	S/P	E T.	3 0.62	R/W	6/24	†	22,012	SRTS	16,340			16,340							41,19
i ii	School Campus to the Chimacum Crossroads commercial corridor.	1			1	CN	6/26			SRTS	1,459,987			1,459,987			1,459,987				1,459,987
	Partial PE grant = \$175,041 (FHWA) (Projected PE-PIF & CN-SRTS fund	1				Total			22,812		1,476,327		67,144	1,726,283	233,386	32,910					0 1,726,283

					1,2		T			PROJ	FCT COSTS	IN DOLLARS										
					SESS					11100		SOURCE INF						EXPEN	DITURE SCH	EDULE		
			l l		X X				FEDERA	L FUNDS		FUNDS	O. C.									
FUNC. CLASS	PROJEC	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	ENVIRONMENAL ASSESS FREIGHT & GOODS CLASS	ENGTH	PROJECT PHASE	MONTH / YEAR FUND STARTS	FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE	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
		34230 MP 1.6 (18020850)																				
		Lords Lake Loop Road - Slide Repair					PE	6/22	FEMA		FEMAm				0							0
09		An approx, 300 ft. long, 11-12 ft. wide road realignment to repair	04	S	_T T-4	5 0.1	R/W	8/23	FEMA		FEMAm				0							0
		an embankment slide that occurred during a 2021 storm event.					CN	4/24	FEMA	356,310	FEMAm	19,795		19,795	395,900	395,900						395,900
	1	Total CN = \$395,900 (FEMA)					Total			356,310		19,795	0	19,795	395,900	395,900	0	0	0	0	0	395,900
		50540 MP 0.84 (18020890)																				
		Shine Road - Slide Repair					PE	6/22	FEMA		FEMAm				0							0
09		Shift 800ft.± of road away from bluff as a corrective measure following	04	S	_i T-4	0.75	R/W	10/22	FEMA		FEMAm				0							0
		2021 storm damage. Project also includes potential work to repair riprap.					CN	6/24	FEMA	218,250	FEMAm	12,125	100,000	12,125	342,500	342,500						342,500
\vdash	-	Total = \$367,152 incl. \$100k (FEMA + \$100k ARPA)		-		-	Total		-	218,250		12,125	100,000	12,125	342,500	342,500	0	0	0	0	0	342,500
		East Jefferson County (18021160)					DE	4/00	45					0.000	0.000		4.500	4.500				0.000
IN/A		Culvert Lining Project		اما	E N/	N/A	PE	4/23	-/4					9,000	9,000		4,500	4,500				9,000
IN/A		Ongoing project to cast-in-place structural liners as a cost-effective	44	S	E N//	N/A	R/W	FIOA	All					200 200	266,000		422.000	422.000				266,000
		alternative to correct the County's many, aging non-fish bearing culverts. Total = \$275,000					CN Total	5/24						266,000 275,000	275,000		133,000 137,500	133,000 137,500			0	275,000
-		50200 MP 0.650 to 0.695 (TBD)	-		_	+	Total			U	100	U		2/5,000	275,000	- 4	137,500	137,300		- 0		273,000
		Gardiner Beach Road Boat Ramp Repair					PE								0							0
امرا		Joint project with the Port of Port Townsend to to elevate roadway	04	s	1 T-0	0.05	R/W	-		- 60					0			_				0
"		to accommodate the Port's reconstruction of the existing boat ramp.	"-		. '-	0.03	CN	4/24			-		All Inc.	50,000	50,000	50,000						50,000
1 1		Total = \$800,000					Total	7/27		0		0	0	50,000	50,000	50,000	0	0	- 0	n	0	50,000
\vdash		91420 MP 1.24 (TBD)	\vdash	\dashv	\dashv	1	1 Total			—			-	30,000	50,000	30,000	Ť			Ť		00,000
		Hell Roaring Creek Trib. Culvert Replacement, Upper Hoh Road					PE	1/24	NOAA	2,000			FRED -	1	2,000	2,000				-		2,000
07		A Trout Unlimited project to replace existing double CMP fish barrier	44	s	I T-4	1 N/A	R/W	1/24				7 6		7,500	7,500	7,500						7,500
		culverts with a 4-sided concrete box culvert.					CN	6/24	NOAA	5,750					5,750	5,750						5,750
		Total = \$1,190,214 (NOAA)					Total			7,750		0	0	7,500	15,250	15,250	0	0	0	0	0	15,250
\Box		85020 Olympic Discovery Trail - PS2P Project (TBD)											4			•						
1 1		Planning & Design project for 5 segments of the ODT: (1) Old Hwy. 9					PE	1/24	RAISE	2,030,000					2,030,000	500,000	500,000	280,000	200,000	450,000	100,000	2,030,000
N/A	15	(100%PS&E); Disco. Bay-Seg. B (30% PS&E); Fairmount to Eaglemount	28	S	I N//	N/A	R/W								0		-					0
		(10% PS&E); Eaglemount to ALSP (10% PS&E); STO to ODT (10% PS&					CN								0							0
		Jeff. Co. Total: \$2,030,000 (of \$16,130,000 total FHWA RAISE Grant)					Total			2,030,000		0	0	0	2,030,000	500,000	500,000	280,000	200,000	450,000	100,000	2,030,000
		30130 MP 0.42 (TBD)																				
		Big Quilcene River Bridge Replacement Project					PE	1/24	RAISE	10,000					10,000	10,000						10,000
09		Project will restore a 1.1 mile segment of the Big Quilcene River and		S	S T-4	4 0.2	R/W								0							0
		associated floodplain, including replacement of the Linger Longer Bridge.					CN	1/24	RAISE	30,000				30,000	60,000	10,000	20,000					30,000
\vdash	-	Total = \$25,000,000 (CN - FHWA RAISE Grant)	<u> </u>				Total			40,000		0	0	30,000	70,000	20,000	20,000	0	0	0	0	40,000
1 1		52000 MP 0.08 to MP 1.30 (TBD)																				
, ,		Van Trojen Road - Bituminous Surface Treatment					PE								0							0
U9		Project will convert existing gravel road surface to BST (bituminous	05	S	E T-0	1.22	R/W	0/27						4	0		4/= 4/-					447.000
		surface treatment). Work will be completed by county road crew.					CN	6/25		_				147,600	147,600		147,600					147,600
\vdash		Total = \$147,600	\vdash	\rightarrow		+-	Total			0		0	0	147,600	147,600	0	147,600	0	0	0	0	147,600
		91420 MP 9.7 to MP 9.8 (18019880)						44/40		05.050				4.050	20.000	40.500	40 500	F 000				30,000
07		Upper Hoh Road Spruce Creek Mitigation Environmental mitigation / Permanent repairs project in response	20	SID	S T-4	0.1	PE R/W	11/18	ER	25,950				4,050	30,000	12,500	12,500	5,000				30,000
"		to 2015 emergency repairs.	20	3/1	3 1-2	0.1	CN	6/25	ER	190,300				29,700	220,000			220,000				220,000
		to 2015 emergency repairs. Total= \$293,160 (FHWA)					Total	0/25	ER	216,250		0		33,750		12,500	12,500		0	0	0	250,000
		1 Utai = \$230, 100 (FF144A)					iotai	3 2		410,230		U	U	33,730	230,000	12,000	12,500	225,000	U	U	U	200,000

		_		T .	Г	1			DPO II	ECT COSTS	IN DOLLARS										
	6	1		ESS	10	-			PROJ		SOURCE INF						FXPFNI	DITURE SCH	FDULE		
		I		ES ES				FEDERA	L FUNDS		FUNDS	OKINATION					EXI EIG	BITORE COI.	LDULL		
FUNC. CLASS	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	ENVIRONMENAL ASSESS FREIGHT & GOODS CLASS	TOTAL LENGTH (mi.)	PROJECT PHASE	MONTH / YEAR FUND STARTS	FEDERAL FUND TO THE TOTAL TAPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE	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
	91420 MP 2.74 (TBD)	1																			
	Snell Creek Culvert Replacement, Upper Hoh Road					PE	1/24	NOAA	2,000					2,000	2,000						2,000
07	9 A Trout Unlimited project to replace an existing PCC fish barrier culvert	44	S	1 T-4	N/A	R/W	1/24						10,000	10,000	10,000						10,000
	with a pipe arch or 3-sided concrete box culvert.					CN	6/25	NOAA	5,750					5,750		5,750					5,750
	Total = \$1,946,124 (NOAA)	ــــــــــــــــــــــــــــــــــــــ	\vdash			Total			7,750		0	0	10,000	17,750	12,000	5,750	0	0	0	0	17,750
8.5	91420 MP 4.93 (TBD)						404	Ness			-				2.000						2.000
1 07 /	Lindner Creek Culvert Replacement, Upper Hoh Road		ا ۽ ا		N/A	PE	1/24	NOAA	2,000				40.000	2,000	2,000						2,000 10,000
1 0/ 1 3	A Trout Unlimited project to replace ban existing CMP fish barrier	80	S	1 T-4	N/A	R/W	1/24	NOAA	5 750				10,000	10,000	10,000	F 750					5,750
15	culvert with a voided slab bridge.					CN	6/25	NOAA	5,750 7,750				10,000	5,750 17,750	12,000	5,750 5,750					17,750
\vdash	Total = \$2,199,613 (NOAA) 10750 MP 1.35 (TBD)	+	$\vdash \vdash$	-	_	Total	_		7,750			- 0	10,000	17,750	12,000	5,750	- 4	- 0	U		17,730
	Donkey Creek Tributary Culvert Replacement, Clearwater Road					PE	1/24	-	100				4,000	4,000	1,000	2,000	1,000		_		4,000
08 3	1 A Trout Unlimited project to replace an existing PCC fish barrier culvert	1 44	S/P	1 T-5	N/A	R/W	1/24	- 67	700		l .		10,000	10,000	5,000	5,000	1,000				10,000
1 00 1 1	with an aluminum pipe arch culvert.	""	3,1	' '-3	1 19/7	CN	6/25	ASS					5,750	5,750	5,000	3,000	5,750		·		5,750
	Total = \$569,722 (84% RCO SRFB)					Total	0/23	4	0		0	0	19,750	19,750	6,000	7,000	6,750	0	0		19,750
\vdash	85010 & 52710/93250 (18019560)	\vdash	\vdash	-	_	Total		-				- J	13,730	13,730	0,000	1,000	0,750				10,100
	Rick Tollefson Trail - Ballfield Connection					PE	1/19		40	PBP	60,188			60.188		60,188					60,188
07	2 Old Hadlock Road and Chimacum Road intersection realignment with	04	_P	E T-0	0.30	R/W			40	PBP	5,251			5,251		5,251					5,251
09 4	multi-use trail connecting the Rick Tollefson Trail to Bob Bates Fields.	28		_ T-3		CN	6/26			PBP	240,665			240,665		0,201	240,665				240,665
	Total = \$306,104 (WSDOT)	1				Total	0/20		0	7/07	306,104	0	. 0	306,104	0	65,439	240,665	0	0		306,104
	US 101 MP 309.88-310.50	\vdash		_		Total			1		030,104			555,151	- 1	- 00,100		-			
	Duckabush Estuary Restoration-Realignment Project					PE	1/24					PRODE -	6,000	6,000	1,000	1,500	1,500	1,500	1,000		6,500
03 2	Project will replace US101 causeway with a bridge. Will also realign a	10	S/P	S T-3	0.62	R/W							7 7 9	0							C
165	Duckabush Rd. segment & replace a culvert with a bridge on Shore Rd.					CN	4/26						67	0							C
	Total = \$126 million (WDFW/USACE/WSDOT)					Total			0	- 4	0	0	6,000	6,000	1,000	1,500	1,500	1,500	1,000	(6,500
	13430 MP 0.5 (TBD)	П											7								
	Oil City Rd. Culvert Replacement (Bridge) MP 0.5 - FLAP Project	1				PE	1/24	FLAP					7,200	7,200	2,400	2,400	2,400				7,200
09 2	Local funds for permanent repair of Two Trout Creek washout	11	s	I T-5	2.48	R/W	1/25						44,000	44,000	30,000	14,000					44,000
100	by FHWA Western Federal Lands division, thru FLAP program.					CN	6/26	FLAP					3,000	3,000			3,000				3,000
44	Total FLAP = \$1,828,560 (uses toll credits)					Total			0		0	0	54,200	54,200	32,400	16,400	5,400	0	0	(54,200
1	91420 MP 7.9 to MP 8.2 (18020560)																				
	Upper Hoh Road Bank Stabilization - FLAP Project	06				PE	1/24	FLAP					7,200		2,400	2,400					7,200
07 2	Approximate location of next critical area of scour along Upper Hoh Rd.	11	S	S T-4	0.3	R/W	1/24						44,000		30,000	14,000					44,000
100	To Hoh Rain Forest/ONP boundary, performed by FHWA, WFL division.	''				CN	6/26	FLAP					3,000				3,000				3,000
	Total FLAP = \$4,993,378 (uses toll credits)	<u> </u>				Total			0		0	0	54,200	54,200	32,400	16,400	5,400	0	0		54,200
	50360 MP 3.74 to MP 6.00 (TBD)																				-
	Paradise Bay Road Overlay					PE	1/25			RAP	74,700		8,300	83,000		83,000					83,000
08 2	2R overlay of Paradise Bay Road from Andy Cooper Road	05	P	E T-0	2.26	R/W								0			4.000.000				4.070.53
	to SR104 at the Hood Canal Bridge.					CN	6/26			RAP	1,151,100		127,900				1,279,000				1,279,000
18	Total = \$1,362,000 (CRAB)	_	\sqcup			Total			0		1,225,800	0	136,200	1,362,000	0	83,000	1,279,000	0	0		0 1,362,000
	91420 MP 0.00 to MP 12.04 (18020560)																				20.65
07	Upper Hoh Road Pavement Preservation - FLAP Project	06		_	40.04	PE	1/17	FLAP	1	RAP	62,000			62,000	500	5,000	55,000	1,500			62,000
0/ 2	Pavement preservation & safety improvements along Upper Hoh Rd. to	21	S	E T-4	12.04	R/W	CIOO	EL AB		DAR	0.47.000			0				247.000			247.000
	Hoh Rain Forest/ONP boundary performed by FHWA, WFL division.					CN	6/26	FLAP		RAP	347,000			347,000	500	C 000	EE 000	347,000 348,500			347,000 0 409,000
	Total = \$1,567,272 (FLAP) + \$409,000 (RAP)					Total	I		0		409,000	0	0	409,000	500	5,000	55,000	348,500	U		409,000

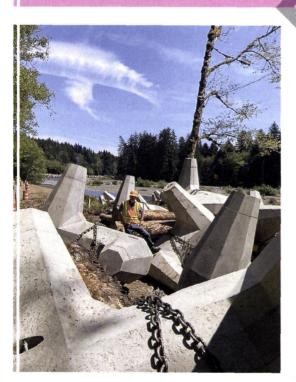
		Т		SESS CLASS.					PROJ		IN DOLLARS										
1 1				ASSESS S CLAS							SOURCE INF	ORMATION					EXPEN	DITURE SCH	IEDULE		
1 1				လ္လ ၂ ၁				FEDERA	AL FUNDS	STATE	FUNDS										
CLASS	PROJECT IDENTIFICATION A. Road Log Number - Bridge Number B. Beginning and End Milepost C. Project (No.) / Road Name D. Description of Work E. Total Cost (incl. prior/future)	IMPROVEMENT TY	FUNDING STATUS	ENVIRONMENAL AS	TOTAL LENGTH	PROJECT PHASE	MONTH / YEAR FUND STARTS	FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE	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
	13430 MP 8.8 to MP 8.9 (TBD)	T			Ť	1			†												
1 5	Oil City Road MP 8.8-8.9 Permanent Repair					PE	1/25	FEMA	307,838	FEMAm	51,307		51,307	440.450		205 200	227.222				
09	28 Environmental mitigation / Permanent repairs project in response	20	Р	S T-	5 0.10	R/W	1/26	FEMA	7,500	FEMAm	1,250		1,250	410,452 10,000		205,226	205,226				410,452
1 1	to 2015-2016 emergency repairs.	1				CN	6/27	FEMA	2,498,931	FEMAm	416,488		416,488				10,000	2 224 227			10,000
	Total= 3,491,425 (FEMA)					Total			2,814,269		469,045	0	469,045			205,226	245 226	3,331,907			3,331,907
1	93150 MP 3.39 to 3.49 (TBD)										,5.10		400,043	5,102,005	U	203,220	215,226	3,331,907	- 0	0	3,752,359
10	Yarr Bridge Replacement	1				PE	10/24	BRR	930,274					930,274	10.000	400,000	400,000	120,274			930,274
07	Replacement of a 1955, 25-ft. concrete bridge with structural	11	P	S T-	0.10	R/W	1/25	BRR	70,000					70,000	10,000	25,000	45,000	120,274			70,000
	deficiencies, through a FHWA local bridge program grant.					CN	6/28	BRR	4,485,431					4,485,431		23,000	45,000		4,485,431		4,485,431
	Total = \$5,558,333 (FHWA)					Total			5,485,705		0	0	0	5,485,705	10,000	425,000	445,000	120,274	4,485,431	0	5,485,705
	US 101 & multiple county roads MP 294.54 to MP 295.03 (TBD)													5,100,100	10,000	420,000	440,000	120,214	4,400,431		3,463,703
	Quilcene Complete Streets - Phase 2					PE	1/27			PBP	276,970			276,970				76,970	200,000		276,970
03	Phase 2 project implementing plan to provide sidewalks, crosswalks, &	28	P	E T-3	0.05	R/W								0				70,570	200,000		270,970
L	bicycle lanes to connect school, community center & local businesses.					CN	6/29		All I	PBP	1,566,048			1,566,048						1,566,048	1,566,048
\vdash	Total = \$1,843,018 (WSDOT)	—				Total			0		1,843,018	0	0	1,843,018	0	0	0	76,970	200,000	1,566,048	1,843,018
1 1	93150 MP 3.26 (18020990) Center Road Culvert Correction - Chimacum Creek								79,5			All I							200,000	1,000,010	.,510,510
07	11 Replace non-conforming Chimacum Creek	11	Р	1 T-3	N/A	PE	7/25	PROTECT	1,055,434	400		August		1,055,434		200,000	325,000	325,000	205,434		1,055,434
"' "	culvert with fish passable structure.	111	P	1 1-3	N/A	R/W	1/26	PROTECT	70,000	- 97		4		70,000			25,000	45,000			70,000
	Total grants= \$6,258,129 (FHWA)					CN	6/29	PROTECT	5,053,685				/ Little	5,053,685						5,053,685	5,053,685
\vdash	10tal glants= \$0,230,125 (111WA)	\vdash	-	_	 	Total			6,179,119		0	0	0	6,179,119	0	200,000	350,000	370,000	205,434	5,053,685	6,179,119
	Countywide Safety Improvements					PE	4/05					THE A									0
N/A	2 Systemic safety countermeasures applied to county network identified	21	Р	E N/A	N/A	R/W	1/25	HSIP	180,000			48 /8	20,000	200,000		50,000	50,000		50,000	50,000	200,000
100	in a local plan and funded thru a bienniel WSDOT federal grant program.	~'	'	- 17//	1 177	CN	6/27	HSIP	4 200 000			600	0	0							0
10	Total HSIP = \$1,380,000 (FHWA) (10% Local match for PE only)					Total	0/2/	поіг	1,200,000				0	1,200,000				1,200,000			1,200,000
- 10	the transfer of the transfer o	\vdash	\neg		-	TOtal			1,380,000		0	0	20,000	1,400,000	0	50,000	50,000	1,200,000	50,000	50,000	1,400,000
	Countywide Bridge Heavy Maintenance Program					PE	1/26	BRR	40,000				-								. 0
N/A	Protection of primary bridge components, seismic retrofits, etc. through	48	Р	E N/A	N/A	R/W	1/20	DKK	40,000				10,000	50,000			25,000		25,000		50,000
10	a bienniel WSDOT administered federal grant program.			_ ''''	"	CN	6/27	BRR	240,000					0							0
1	Total = \$350,000					Total	UILI	DIAK	280,000				60,000	300,000				150,000		150,000	300,000
	Countywide Various Road Improvements		\rightarrow	_		, Juli	-		200,000		0	0	70,000	350,000	0	0	25,000	150,000	25,000	150,000	350,000
0	Various projects countywide involving lighting, signage, intersection					PE	1/24						60.000	02.223	45.55						0
N/A	control, culvert replacement/rehabilitation, drainage, surfacing upgrades,	N/A	Р	E N/A	N/A	R/W							60,000	60,000	10,000	10,000	10,000	10,000	10,000	10,000	60,000
	pedestrian and bicycle facilities, or other improvements.					CN	1/24						450,000	450,000	05.053	07.00					0
	Total = \$210,000					Total			0		0		150,000	150,000	25,000	25,000	25,000	25,000	25,000	25,000	150,000
					-	3			27,579,101		11,613,437	396,207	210,000	210,000	35,000	35,000	35,000	35,000	35,000	35,000	210,000
									27,019,101		11,013,43/	390,207	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		79,591		45,000		00,000	
CN	22,543,136	11,065,431	201,207	1,321,358	35,131,132	9,688,525	4,985,514					
Total	27,579,101	11,613,437	396,207	1,719,957	41,308,702	10,873,166	6,643,104		, ,		-,,	41,279,202



Jefferson County Public Works
Adopted 2024 - 2029

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 2024-2029 Six-Year Transportation Improvement Program

NOTICE IS HEREBY GIVEN that a public hearing is scheduled by the Jefferson County Board of Commissioners for *MONDAY*, *December 4*, *2023 at 1:30 p.m.* in the Commissioners' Chambers, County Courthouse, 1820 Jefferson Street, Port Townsend, WA 98368 (HYBRID). Notice of said hearing is to be published 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 2024-2029 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 1:30 p.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

To view documents or watch this meeting live with no participation, go to www.co.jefferson.wa.us Follow the links under "Quick Links: Videos of Meetings: Today." If you experience difficulties joining the meeting or viewing documents, please call 360-385-9100 to report any issues.

In addition, written testimony is invited beginning November 22, 2023 and ending on December 4, 2023, at the end of the Public Hearing, unless extended by the Board of County Commissioners. Written public testimony may be submitted via **Email to:** jeffbocc@co.jefferson.wa.us You may view testimony received by clicking here: www.co.jefferson.wa.us - Services - Laserfiche Web Portal (username and password is: public) - Board of County Commissioners - BOCC Agenda Packets - 2023 Weekly Agenda Items - 12 December 2023 - 120423

You may 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.

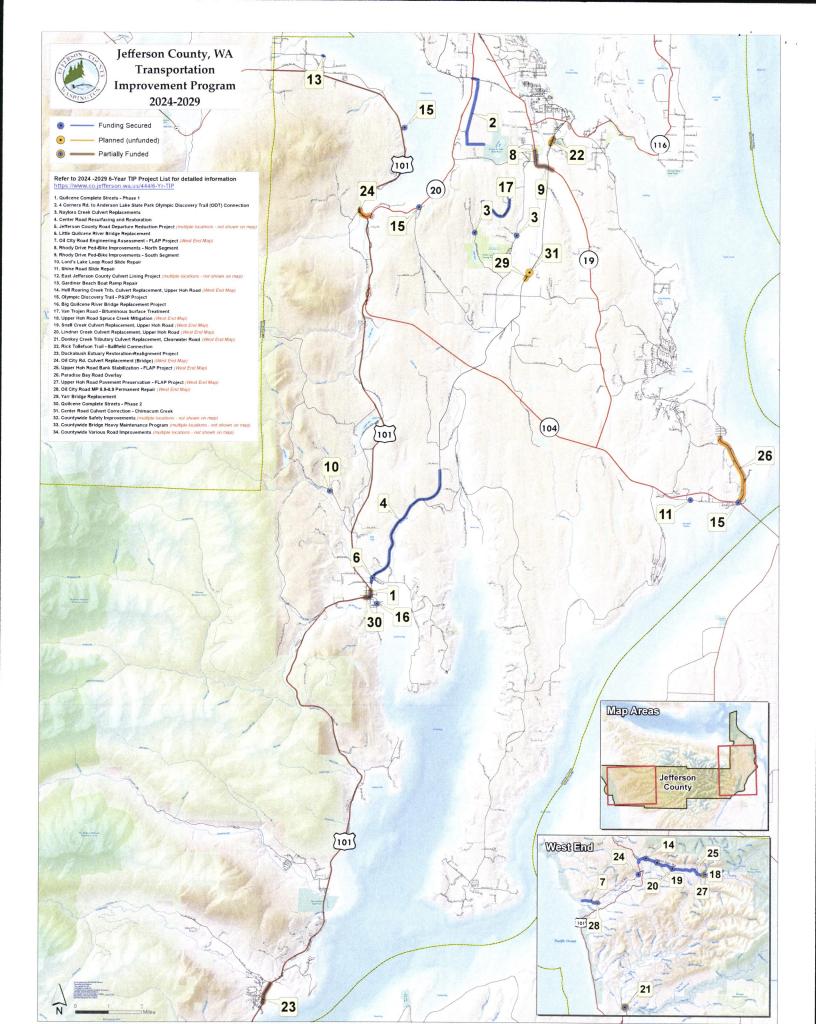
Signed this 13th day of November, 2023,

JEFFERSON COUNTY BOARD OF COMMISSIONERS

Greg Brotherton, Chair

COUNTY OF JEFFERSON STATE OF WASHINGTON

In the Matter of Adoption of the	}	
2024-2029 Six-Year Transportation Improvement Program (TIP)	}	RESOLUTION NO
basis a Six-Year Transportation Impro the purpose of which is to, "assure to	ovement Program that each county	e authority of each county to adopt on an annual (TIP), holding a public hearing prior to adoption, shall perpetually have available advanced plans uide in carrying out a coordinated transportation
WHEREAS, an analysis of t using the County's best estimate of 15-030; and,	he Road Fund wa future revenues a	s prepared covering the six-year program period and expenditures in accordance with WAC 136-
reviewed the TIP project array and E	Bridge Condition	ners, Jefferson County, State of Washington, has Report as prepared by the Department of Public corresponding proposed Six-Year Transportation
IT IS HEREBY RESOLVE the Six-Year Transportation Improves WAC 136-15.	D that the Board of ment Program for	of County Commissioners does approve and adop the years 2024 through 2029 in accordance with
ADOPTED and signed this _	day of	2023.
		JEFFERSON COUNTY BOARD OF COMMISSIONERS
		Kate Dean, District 1
ATTEST:		Heidi Eisenhour, District 2
Carolyn Gallaway Clerk		Greg Brotherton, District 3



SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM 2024 - 2029

	-			.6	_															
		_	SS	SH					FUNDING S	FUNDING SOURCE INFORMATION	DRMATION					EXPEND	EXPENDITURE SCHEDULE	DULE		
		-	38	Пэ			FEDERAL FUNDS	FUNDS	STATE FUNDS	SONO										
JECT oad L eginn roject escrip	PROJECT IDENTIFICATION A. Road Log Number - Bridge Number B. Beginning and End Milepost C. Project (10.4). Road name D. Description of Work E. Total Cost (incl. priorifuture)	SUTATE SUIDNUT	ENVIRONMENAL AS	FREIGHT & GODS TOTAL LENGTH (im)	(mi.)	MONTH / YEAR STRATS GNUT	GNU7 LEDERAL FUND	FEDERAL COST BY PHASE	GNU3 3TAT& 3qYT	STATE COST BY PHASE	OTHER	LOCAL FUNDS	TOTAL	YEAR 1 2024	YEAR 2 2025	YEAR 3 2026	YEAR 4 2027	YEAR 5 2028	2029 21	TOTAL 2024-2028
8 10	US 101 & County Roads MP 294.6 to MP 295.0 (18019330)	\vdash											000 07	0000					1	10,000
cene (_		-		E E	1/13		-			1	10,000	10,000	10,000	1					000,01
icly dr		28	ш	T-3 0.50	_	3/20			gad	695 350	95 660		791.010	791.010						791,010
walk, t	sidewalk, crosswalk & lighting improvements with a focus on connecting to the school campile. Total = \$997 500 (WSDOT + \$95.660 from PIF)	100			Total	47/0		0		695,350	95,660	10,000	801,010	801,010	0	0	0	0	0	801,010
20 4 C	85020 4 Corners Rd. to Anderson Lake State Park (18019890)	╀	I		-															000
npic D	Olympic Discovery Trail (ODT) - Connection	_			PE	1/17			WWRP		35,000		35,000	35,000					1	35,000
E, RO	-arry	28 S	-	N/A 3.50		1/20	OCTOROLO	4 420 700	WWRP	2 042 504	5 547		4 479 847	4 479 847						4.479.847
tt Trail,	Scott Trail, via Jefferson Transit P&R, to Anderson Lake State Park.				T CN	6/24	SIPISIBO	1 430 709	MANA	3.043,591	40.547	0	4.514.847	4.514.847	0	0	0	0	0	4,514,847
10-MP	10t8l = \$1,430,709 (FHWA) + \$3,610,720 (NCO) + \$213,300 (NC Cap.) 51410-MP 2.59 & 51750-MP 1.82	+	ļ	+																
lors C	ints	_			PE	10/19	FBRB						0							0
lace cu	_	44 S	-	T-0 N/A	_				1			-	0	000		1				1 002 000
sable c	passable crossing. Design funds via FBRB, Construction via FHWA.			_	CN	6/24	PROTECT	1,883,000				0	1,883,000	1,883,000	,	•	•	•	0	1,003,000
I CN =	Total CN = \$1,913,000 (FHWA)	+		-	Total			1,883,000		0	0	0	1,883,000	1,883,000	0	0	1	-	┸	1,883,000
93150 N	MP 10.34 to MP 14.58 (18020960)								OVO	4			-							0
ter Rc		0.50	ш	T 2 4 24	P P	6711			TAN		-0		0							0
intace into	Resurrace 4.24 miles of Center Road horn from the	_	u			6/24			RAP	1,665,368			1,665,368	1,665,368						1,665,368
= \$1	Total = \$1,889,872 (100% w/ match reduction) (CRAB)				Total			0		1,665,368	0	0	1,665,368	1,665,368	0	٥	٥	0	0	1,665,368
Countywide	de (18020980)	H									1		•						1	0
rson		-	L	ALIA ALIA	PE	1/22	HSIP						0							0
DIWNI	Countywide traffic sign additions & upgrades and guardrall	0	ш	T T T	_	8/23	HSIP	40.150				0		40,150						40,150
= \$8	fellectors & delineators. Project is carried over from 2020. Total = \$852,905 (FHWA) (10% Local match for PE only)				Total			40,150		0	0	0		40,150	0	0	0	0	0	40,150
ő	93150 Center Road MP 14.55 to MP 14.70 (18020970)	\vdash		H	-							1		4000	1076					197 170
Quil					H 2	1/22	BRR	197,170	1			0	50 000	50,000	617,1					50.000
acem	ral	n =	-	?	_	12/24	BBB	4 899 120				0	4.8	200,00	4.648.414	250,706				4,899,120
iencie	deficiencies, through a FHWA local bridge program grant. Total = \$5,680 128 (FHWA)			_	Total			5,146,290		0	0	0		239,955	4,655,629	250,706	0	0	0	5,146,290
e e	13430 MP 8.50 to MP 10.98 (18020840)	\vdash	F	L	L															0000
Sity R		_	L		PE O	1/21	FLAP	1				2,500	2,500	7,500						0
func	med	٥ <u>۵</u>	ш	6-1	_								0						T	0
E A A	by FHWA Western Federal Lands division, thru FLAP program. Total FI AD = \$250 000 (uses toll credits)	_			Total			0		0	0	2,500	2,500	2,500	0	0	0	0	0	2,500
SR19 M	MP 9.56 to MP 10.1 (18020760)	H	ļ	H	-															
dy Dr					PE	8/21	TA	32,987				5,148	38,135	15,500	15,500	7,135	1	T	1	38,135
estrail	_	28 S/P	ш	T-3 0.45		_		1	epre	447 014			447 914		T	447.914			T	447.914
Tolle	es		_	_	25 5	67/9		22 007	0110	447,314	-	5 148		15.500	15.500	455.049	0	0	0	486,049
I PE	Total PE grant = \$109,907 (FHWA) (Projected CN - SKTS funds)	$^{+}$	Ŧ	+	Ota		I	36,30	T	1111111										
d V Dr	SK19 MP 8:94 to MP 9:56 Rhody Drive Ped-Bike Improvements - South Seament			- 1	PE	7122	TA	22,812			160,000	67,144		208,535	16,570					225,105
estrial	Chimacum	28 S/	S/P E	T-3 0.62	_	Ш			SRTS	16,340			16,340	24,851	16,340					41,191
ool Ca	School Campus to the Chimacum Crossroads commercial corridor.	_			CN	97/9			SRTS	1,459,987			1,459,987	000		1,459,987			1	1,459,987
10.1	The state of the s	_	_	_	Total			00000		100000	400000	01111					•		•	

SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM 2024 - 2029

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			_	SS				TON'	FINDING SOURCE INFORMATION	I I I I I I I I I I I I I I I I I I I	MOITAME					CVDCNIDIT	T INCOME SOUTH	U		
		3		CLA			FEDERAL	FEDERAL FUNDS	STATE FUNDS	NDS						EATENDI	וטאב שכחבר	JOCE		
FUNC. CLASS	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)	NPROVEMENT TYP	ENVIRONMENAL AS	FREIGHT & GOODS TOTAL LENGTH	(mi.) PROJECT PHASE	MONTH / YEAR STRATS DNUT	GNU3 JARSET FUND SAYY	FEDERAL COST BY PHASE	GNUT STATS 39YT		OTHER	LOCAL	TOTAL	YEAR 1 2024	YEAR 2 2025	YEAR 3 Y	2027	YEAR 5 Y	YEAR 6 2029 2	TOTAL 2024-2028
1	34230 MP 1.6 (18020850)	H			L	Ц														
60	Lords Lake Loop Road - Slide Repair	2	_		F. F.	_	FEMA		FEMAm				0						H	0
3	_		-			4/24	FEMA	356,310	FEMAM	19,795		19.795	395,900	395.900						395 900
T	100 (FEMA)	1	1	+	Total			356,310		19,795	0	19,795	395,900	395,900	0	0	0	0	0	395,900
	50540 MP 0.84 (18020890)			_		_														
8	Shine Road - Slide Repair		-		B E	/9	FEMA		FEMAm				0							0
6		ν υ	_	0-1		10/22	FEMA	240 250	FEMAM	40.405	000 007	107.07	0 00	000		1				0
	Total = \$367,152 incl. \$100k (FEMA + \$100k ARPA)	_			Total	_		218.250	LEWAII	12 125	100,000	12 125	342,500	342,500	-	-	6	•	-	342,500
Ĺ	East Jefferson County (18021160)	\vdash	F	-	-				-				200	200/210	,	,	,	•		344,300
	,				퓝	4/23						000'6	9,000		4,500	4,500	-			9,000
Z/A	12 Ongoing project to cast-in-place structural liners as a cost-effective	44 S	ш	N/A N/A				4					0							0
	alternauve to correct the County's many, aging non-fish bearing culverts. Total = \$275,000			_	N to	5/24		c		-	•	266,000	266,000		133,000	133,000	-	-		266,000
ſ	3030 000	\mathbf{f}	#	+	1	-		0				275,000	275,000	0	137,500	137,500	0	0	0	275,000
8	Gardiner Beach Road Boat Ramp Repair				PE								0					+		0
60		04 S	-	T-0 0.05							-		0							0
	to accommodate the Port's reconstruction of the existing boat ramp.	_		_	CN	4/24						20,000	20,000	20,000						50,000
ſ		+	#	+	ота			0		0	0	20,000	20,000	20,000	0	0	0	0	0	50,000
_					H	1/24	NOAA	2.000					2 000	2,000	+	+	+	+	+	0000
07		44 S	-	T-4 N/A	_	L						7.500	7.500	7.500	-					7 500
	culverts with a 4-sided concrete box culvert.	_			S		NOAA	5,750					5,750	5,750					1	5.750
T		+	1	+	Total			7,750		0	0	7,500	15,250	15,250	0	0	0	0	0	15,250
	85020 Olympic Discovery Trail - PS2P Project (TBD)				-	_	DAICE	000 000					000	000	000					
N/A	nut	28	-	N/A N/A	A RW	171	TAISE	2,030,000					2,030,000	000,000	900,000	280,000	200,000	450,000	100,000	2,030,000
	(10% PS&E); Eaglemount to ALSP (10% PS&E); STO to ODT (10% PS&E				CN								0							0
Γ	30130 MP 0.42 (TRD)	+	#	+	Total	_		2,030,000	+	0	0	0	2,030,000	200,000	200,000	280,000	200,000	450,000	100,000	2,030,000
	Big Quilcene River Bridge Replacement Project				H.	1/24	RAISE	10,000	-	1	+		10.000	10,000				+	+	10.000
60		10 S	S	T-4 0.2	_								0							0
	associated floodplain, including replacement of the Linger Longer Bridge.				S	1/24	RAISE	30,000				30,000	000'09	10,000	20,000					30,000
T	Total = \$25,000,000 (CN - FHWA RAISE Grant)	+	‡	+	Total			40,000	+	0	0	30,000	70,000	20,000	20,000	0	0	0	0	40,000
	Van Troin Boad Bituminate Surface Treatment			_	-					+									+	
60	T (bituminous	05	ш	T-0 1.22	RW RW				+	+			0	+	+	+	+	+	+	0
					_	6/25						147 600	147 600		147 600				+	147 600
	Total = \$147,600			_	Total			0	-	0	0	147.600	147,600	0	147 600	c	c	0	-	147 600
	91420 MP 9.7 to MP 9.8 (18019880)	\vdash		L	L											-	+		+	20,1
2	Upper Hoh Road Spruce Creek Mitigation				2	11/18	ER	25,950				4,050	30,000	12,500	12,500	5,000	\parallel			30,000
5	18 Environmental mitigation / Permanent repairs project in response to 2015 emergency repairs	20 S/P	S	1.0		6/3	8	100 200	+	+	+	007.00	0	+	+	000 000	+		+	0
	Total= \$203.160 (FHMA)	_	_	_	5 5	_	Ä	190,300	+	-	+	29,700	220,000	-		220,000	+	+	+	220,000
	otal= \$293.160 (PHWA)	_	_	_	Total	_	_	216.2501	_	•	0	33 7501	250 000	12 500	12 500	225,000	•	•	•	000000

SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM 2024 - 2029

Howard (TBD) Howarder Road (TBD) Howarder R	ŀ		-	F				PRO	PROJECT COSTS IN DOLLARS	IN DOLLARS										
Part	191			_	1	-			FUNDING	SOURCE INF	ORMATION					EXPENDI	TURE SCHEI	DULE		
Note 1			-	_			E	ERAL FUNDS	STATE	FUNDS										
Note 1				The state of the s		MONTH / YEAR		FEDERAL COST BY PHASE	GNU3 3TAT2 3qYT	Jewn 1 a	OTHER	LOCAL FUNDS	TOTAL	YEAR 1 2024	YEAR 2 2025		YEAR 4 2027			TOTAL 2024-2028
Sectionary Control Paper Note Control Paper Not	-	91420 MP 2.74	F	-		Н	Н						000	0000						2 000
March full full full for provide brokeled by Child full full full for provide brokeled by Child full full full full full full full fu		Snell Creek Culvert Replacement, Upper Hoh Road				_	+	+	0			10.000	10,000	10.000						10,000
Trade 1 to grant 9 t	_	A Trout Unlimited project to replace an existing PCC lish barrier culvert				_	+	+	0				5,750		5,750					5,750
State Stat		Total = \$1,946,124 (NOAA)	- K 			Н	Н		0	0		10,000	17,750	12,000	5,750	0	0	0	0	17,750
A Transition Create Charles Residue Transition Control Residue Transition Create Charles Residue Transition Charles Res	t	MP 4.93		F		Н	+	+					2,000	2 000						2.000
Contact State Contact Stat	_			_		_	+	+				10.000		10,000						10,000
Train 12 page 11 page 12 pag				_		L	+	-	0						5,750					5,750
1700 1700	Pi A	Culvert with a voided slab bridge. Total = \$2 199 613 (NOAA)				_	H		0	0		10,000		12,000	5,750	0	0	0	0	17,750
A contact contact protection of the contact point	t		F	F		Н									000	000			1	4 000
Value and supplied project to region of the control property of the control	2.14						14					4,000		1,000	2,000	000,1				10,000
With a part of country of the coun	_	A Trout Unlimited project to replace an existing PCC fish barrier culvert				_	24					10,000		000,0	20,0	5.750				5,750
Trail # \$2500 12 (2014) RECORDED Trail # \$2500		with an aluminum pipe arch culvert.					52			-		19 750		6.000	7.000	6.750	0	0	0	19,750
State Stat	1	RCO SRFB)	+	f		lotal				1000										
This state of the control of the c						_	6		PBP	60,188			60,188		60,188					60,188
Trail 2 Sept 14 August	_		_			L			PBP	5,251	- COD		5,251		5,251					5,251
Trials 5.500 (1404)	_		_			L	9;		PBP	240,665	A		240,665			240,665				240,665
15.11 11.11 15.12 15.1		Total = \$306.104 (WSDOT)				Ч			0	306,104	0	0	306,104	0	65,439	240,665	•	0	•	306,104
1		US 101 MP 309.88-310.50		0 x 3		1	44					6,000		1,000	1,500	1,500	1,500	1,000		6,500
Charles Striptocoment (Scriptocoment Repairs and National Nation						L							0							0
Trail = \$100 million (WDFWL/SACEWSDOT) Trail Tra							56			8							-		•	0 00
13430 MP 0.5 1343		Total = \$126 million (WDFW/USACE/WSDOT)	-	+		Total			0	0		6,000		1,000	1,500	1,500	1,500	000,1	1	0000
1						_	+					7.200		2.400	2.400	2,400				7,200
Total FLAP = \$1,000 (Green following) Total FLAP FLA			_			_	+					44,000		30,000	14,000					44,000
10st Flags Blass	_						+	9				3,000				3,000				3,000
1,12,20 MP 7,30 MP 8,2 1,12,20 MP 7,30 MP 8,30 MP	-melliu (Total FLAP = \$1.828.560 (uses toll credits)				L			0	0		54,200				5,400	0	0	0	54,200
Paralle Bank Stabilization - FLAP Project	T		F	H		Н	Н							000		007.0	1			7 200
26 Approximate location of next critical area of soour along Upper Hoh Rd. 12 RW		Upper Hoh Road Bank Stabilization - FLAP Project				_	+	a				7,200				7,400	T			44 000
Total Publication		_				_	+					3,000				3.000				3,000
Total FLAP 54,303.77 (uses foll credits) Total State Properties T		To Hoh Rain Forest/ONP boundary, performed by FHWA, WFL division.				_	+	1	-	-		54.200		32.400		5,400	0	0	0	54,200
State Stat	1	s toll credits)	Ŧ	+		lotal	-	-	,				L							
Paralate Bay Road Overlay Paralate Bay Road Paralate Bay Road Paralate Bay Road Paralate Bay Road Paralate Preservation - FLAP Project Paralate Bay Road Paralate Bay Road Paralate Preservation - FLAP Project Paralate Bay Road						_	25	-	RAP	74,700		8,300			83,000					83,000
Care National Procession CRANGE Care National Crange Care Nati	8			_		_														0
Control = 51.322,000 (CRAB) Control = 51.3222,000 (C	8			_		L	26		RAP	1,151,100		127,900				1,279,000			1	1,279,000
1420 MP 0.000 to MP 12.04 (18020560) 1.504 MP 0.000 to MP 12.04 1.504 MP 0.000 to MP 12.04		Total = \$1.362.000 (CRAB)				Total			0	1,225,800			_	0		1,279,000	0	0	0	1,362,000
Upper Hoh Road Pavement Preservation - FLAP Project Table Project PE NAME FLAP Figure RAP EX,000 BAP EX,000 PR SA,000 PR S			F	-		Н	Н			00000			00000			55 000	1,500	T		62.000
27 Pavement preservation & safety improvements along Upper Hon Rd. 10 21 S E 14 12.04 KW 6/126 FLAP RAPP 347,000 0 347,000 0 0 409,000 550 0 55,000 348,500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			_	_			+	d d	KAP	92,000			000,20			200,00	2001			0
Total Total 0 409,000 0 409,000 500 5,000 55,000 55,000 348,500 0 0 0	20			_		\perp	+	4	RAP	347,000			347,000				347,000			347,000
		Hoh Rain Forest/ONP boundary performed by FHWA, WFL division. Total = \$1.567,070 (FLAP) + \$409,000 (RAP)		_		_	╀			409,000			Ц			55,000	348,500	0	0	409,000

SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM 2024 - 2029

Hearing Date: XX/XX/2023 Adoption Date: XX/XX/2023 Resolution No. XX-23

		F	.8				PRO.	PROJECT COSTS IN DOLLARS	N DOLLARS										
			_					FUNDING 8	FUNDING SOURCE INFORMATION	DRMATION					EXPEND	EXPENDITURE SCHEDULE	JIII E		
			_			FEDE	FEDERAL FUNDS	STATE FUNDS	FUNDS										
FUNC. CLASS	PROJECT IDENTIFICATION A. Road tog Number - Bridge Number B. Beginning and End Milepost C. Project (No.) / Road Name D. Description of Work E. Total Cost (incl. priorifuture)	RUTATS SUIDNUT	ENVIRONMENAL AS	HTOTAL LENGTH (.im)	PROJECT PHASE	STRATS GNUT TAREDER LEUND AND TAREDER AND TAREDER AND TAREDER BAYT	FEDERAL COST BY PHASE	GNU3 3TAT2 3qYT	STATE COST BY PHASE	OTHER	LOCAL	TOTAL	YEAR 1 2024	YEAR 2 2025	YEAR 3 2026	YEAR 4 2027	YEAR 5 2028	YEAR 6 2029	TOTAL 2024-2028
	13430 MP 8.8 to MP 8.9 (TBD)	F	F							T		T		I	İ	İ	I	I	
					PE 1/25	25 FEMA	307,838	FEMAm	51.307		51.307	410.452		205 226	205 226	T			440 452
60	nent repairs project in response	20 P	S T-5	0.10	R/W 1/26	26 FEMA			1,250		1,250	10,000			10.000				10,000
	to 2015-2016 emergency repairs.				CN 6/27	27 FEMA	Н	FEMAm	416,488		416,488	3,331,907				3,331,907			3.331.907
1	491,425 (FEMA)		7		Total		2,814,269		469,045	0	469,045	3,752,359	0	205,226	215.226	3.331.907	0	0	3 752 359
	93150 MP 3.39 to 3.49 (TBD)																		
	Yarr Bridge Replacement		_		PE 10/24	4	6					930,274	10,000	400,000	400,000	120,274			930.274
>	ral	- -	S -3	0.10		-	1					70,000		25,000	45,000				70,000
	deficiencies, through a FHWA local bridge program grant.				CN 6/28	28 BRR	+					4,485,431					4,485,431		4,485,431
1	10tal = \$5,556,555 (FHWA)	1	1		Total		5,485,705	15	0	0	0	5,485,705	10,000	425,000	445,000	120,274	4,485,431	0	5.485.705
	US 101 & multiple county roads MP 294.54 to MP 295.03 (TBD)				Ц													4	
	Quilcene Complete Streets - Phase 2				PE 1/27	2.		PBP	276,970			276,970				76.970	200.000		276.970
60		28 P	E T-3	0.05								0							0
	bicycle lanes to connect school, community center & local businesses.				CN 6/29	6		PBP	1,566,048			1,566,048						1.566.048	1.566.048
1	18 (WSDOT)		-		Total		0		1,843,018	0	0	1,843,018	0	0	0	76.970	200.000	1.566.048	1 843 018
	93150 MP 3.26 (18020990)				Ц	Н	Н			ACCOUNT OF THE PERSON				l					
	cum Creek	1			PE 7/25	+	CT 1,055,434					1,055,434		200,000	325,000	325,000	205,434		1.055.434
3	Replace IIIII-coniorming Chimacum Creek	<u>-</u>	-3	N/A		+	_		V		-	70,000			25,000	45,000			70,000
	Total acceptance of the structure.				CN 6/29	9 PROTECT	4					5,053,685						5,053,685	5,053,685
1	10tal grants= \$0,230, 129 (FRWA)	#	+	†	Total		6,179,119		0	0	0	6,179,119	0	200,000	350,000	370,000	205,434	5,053,685	6,179,119
221	Countravido Safety Improvemente				_	+						1							0
A/N	beditachi drouten utanoo ot beilac	24	4/14	VIV	PE 1/25	HSIP	180,000				20,000	200,000		20,000	20,000		20,000	50,000	200,000
	Ε		_		CN R/27	T INSID	1 200 000				0	0 000	1		1				0
	Total HSID = \$1.380 000 (EHIMA) (10% Local match for DE calls)				1	+	1,500,000				0	1,200,000				1,200,000			1,200,000
1	TOTAL TOTAL OF TRACK (10 Na Education of the Unity)	1	+	1	lotal	1	1,380,000		0	0	20,000	1,400,000	0	20,000	20,000	1,200,000	50,000	50,000	1,400,000
	O contraction Description				_	+													0
V/14		-			PE 1/26	6 BRR	40,000				10,000	20,000			25,000		25,000		50,000
	Florection of primary bridge components, seismic retronts, etc. through	48 P	E N/A	A/A	_	+						0							0
	a bienniel WSDO I administered federal grant program.	_			CN 6/27	7 BRR	240,000				000'09	300,000				150,000		150,000	300,000
1	Total = \$350,000	1	7	1	Total		280,000		0	0	70,000	350,000	0	0	25,000	150.000	25.000	150.000	350.000
	Countywide Various Road Improvements																		0
	Various projects countywide involving lighting, signage, intersection			_	PE 1/24	4					000'09	000'09	10,000	10,000	10,000	10,000	10,000	10,000	60,000
A/A	facing upgrades,	N/A P	E N/A	N/A	_						0	0							0
_	pedestrian and bicycle facilities, or other improvements.	_	_		CN 1/24	4	1		1		150,000	150,000	25,000	25,000	25,000	25,000	25,000	25,000	150,000
1	lotal = \$210,000			_	Total		0		0	0	210.000	210.000	35,000	35,000	25,000	35,000	25 000	000	000000

5,000 271,849 5,830,479 1,017,290 1,577,999 1,374,161 735,244 941,434 160,000 5,806,128	0 126,750 347,091 167,351 79,591 80,000 45,000 0 0 371,942	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	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
1,577		4,985,	6,643,104
1,017	ľ	9,688,	10,873,166
-	347		41,308,702
271	126,750	1,321	1,719,
195,000	0	201,207	396
525,165	22,841	11,065,431	11,613,437
99	,500	136	101
4,838,465	197,50	22,543,13	27,579,10
PE	R/W	CN	Total

Page 4 of 4

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
80	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

Applicable to Federal Funding

E - Exempt

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

I - Insignificant

Environmental Assessment (EA)

S - Significant

Environmental Impact Statement (EIS)

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

Γ	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 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)

		Weight
		Average
	Criteria	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

2021 2022 2023 2024 2025 2026 2027 2028 2029 2024-2029 Six-Year County Road Fund Projection 2019 2020 2018 2017 2016 -CASH RESERVE GOAL (25%) -ENDING FUND BALANCE 2015 2014 2013 2012 2011 2010 -\$4,000,000 \$0 -\$1,000,000 \$3,000,000 \$2,000,000 \$1,000,000 -\$2,000,000 -\$3,000,000 \$5,000,000 \$4,000,000 \$6,000,000

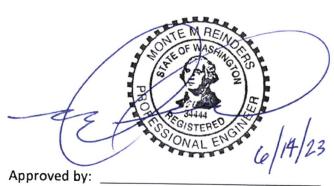


Bridge adition Report 2023 Condition



JEFFERSON COUNTY

2023 ANNUAL BRIDGE CONDITION REPORT



Monte Reinders, P.E.

Public Works Director / County Engineer

Prepared by: Mark Thurston, P.E.

Lead Bridge Inspector / Engineer IV

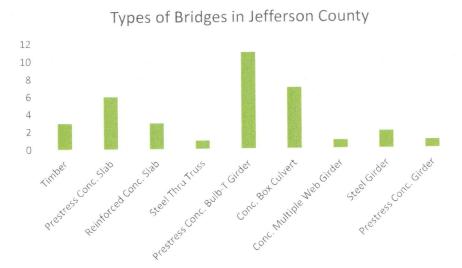
INTRODUCTION

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."

BRIDGE INVENTORY

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.

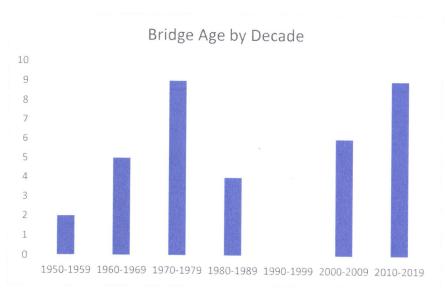


BRIDGE INSPECTIONS

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 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

POSTED BRIDGES

All bridges are required to "Load Rating" have calculation. The Load Rating establishes how much weight the bridge can carry for standard several configurations of vehicle axle loads. If the load rating calculation shows that bridge cannot safely carry one or more of the legal vehicle axle load configurations, then the bridge must be posted with the appropriate load



Yarr Bridge

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

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 closelyspaced 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.

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.

MAINTENANCE ACTIVITIES

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:

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.

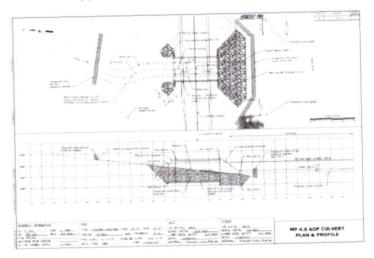
Western Federal Lands is also in the process of designing a new bridge to replace the culverts at Oil City Road milepost 0.5, also funded at 100% for design and construction by FLAP and toll credits. This project will correct a fish-passage barrier, replace undersized culverts, and improve the roadway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

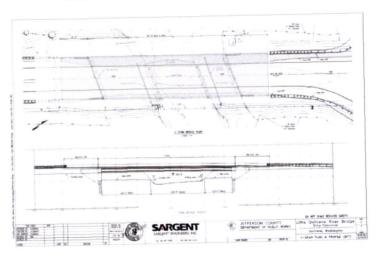
is scheduled for 2025, but may be delayed due to the anticipated long permitting process.

CURRENT PROJECTS

Upper Hoh Rd MP 4.38 Culvert Replacement



Little Ouilcene River Bridae 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):

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 PROGRAMMED PROJECTS

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

APPENDIX A

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 bridges1 pedestrian (non NBIS) bridge1 permanently closed bridge

Jefferson County Public Works Master Bridge List East Jefferson County

	REMARKS	I		Bridge replacement funded in 2021.	Increased inspection frequency						UBIT EVERY 4 YEARS LAST UBIT 8/4/2020
	WONTHS) INSPECTION FREQUENCY		24	24	12	24	24	24	24	24	24
	RIBUCTURALLY DEFICIENT (SD) FUNCTIONALLY OBSOLETE (FO)			FO						FO	
	SOLEICIENCA BYLING		89.68	28.21	64.97	40.54	47.72	74.85	83.26	88.10	86.42
	DATE OF LAST INSPECTION		4/15/21	4/14/21	4/15/21	4/14/21	4/14/21	6/30/21	4/14/21	4/14/21	8/4/20 86.42
	TOVD FOSTED			×	×			×			
	SCOUR CRITICAL										
	ERACTURE CRITICAL										
unty	KEAR BUILT		1791	1955	1955	6961	1964	1977	1964	1987	2000
East Jefferson County	rype	Substructure	Conc. Abutment w/ C.I.P. conc. piles	Conc. Pile cap, Prestress. Conc. piles	Conc. Abutment w/ Prestress. Conc. piles	Conc. Abutment w/ Conc. column over C.I.P. conc. piles	Conc. Abutment w/ Conc. Spread footing	Timber abutment, timber piles	Conc. Abutment, Conc. column over C.I.P. conc. pile	Conc. Abutment, Conc. spread footing	Conc. Pile cap, steel piles
	BRIDGE TYPE	Superstructure	Reinforced Conc. Slab	Reinforced Conc. Slab, Conc. Girder	Conc. Multiple Web Girder	Prestress. Conc. Bulb-T Girder	Prestress. Conc. Bulb-T Girder	Timber	Reinf. Conc. Slab	Prestress. Conc. Calab C	Fimber Deck, C Fimber Girders p
	renglh (feet)		27	64	25	81	47	30	61	32	294
	MILEPOST		0.15	14.6	3.44	0.42	3.01	0.12	1.89	0.33	3.56
	BOVD NVME		634509 Hunt Rd.	931507 Center Rd.	931507 Center Rd.	Linger Longer Rd.	250008 Dosewallips Rd.	503409 Belfrage Rd.	500209 West Uncas Rd.	344009 Rice Lake Rd.	Old Gardiner Rd.
	KOVD NAMBEK		634509	931507	931507	301309 Linger Longes	250008	503409	500209	344009	501409 Old Gar Rd.
6/7/2023	NVME		Hunts	Little Quilcene River	Yarr	Linger Longer	Rocky Brook	Meyers	West Uncas	Leland Creek	Contractors
lated:	COUNTY NUMBER		15E	16E	17E	23E	24E				
Last Updated: 6/7/2023	EEDERVT STRUCTURE NUMBER		7996700 15E	8165100 16E	8464900 17E	8320300 23E	8381400 24E	8229900 25E	8488200 26E	8136900 28E	8660000 29E

Jefferson County Public Works Master Bridge List East Jefferson County

	BEWARKS											200C at both	Bridge constructed in 2022. Initial inspection not performed yet.
	(WONTHS) INSPECTION FREQUENCY		24	24		24	24		5 7		24	;	74
((STRUCTURALLY DEFICIENT (SE												
	SUFFICIENCY RATING		09.76	87.36		86.68	91.14		N/A		98.95		
	LAS INSPECTION		4/15/21 97.60	4/14/21 87.36		4/15/21	4/14/21 91.14		4/15/21		4/14/21 98.95		
	LOAD POSTED												
	SCOUR CRITICAL												
	ERACTURE CRITICAL					16			7		- ×		2
	KEYB BRIFT		2005	2006	7007	2005	2014	707	2017		2018	-	2022
	TYPE	Substructure	Conc. Abutment w/	Conc. riic	Conc. Abutment w/ Conc. Pile	Conc. Abutment w/	Sicci pines	Footing	Conc. Spread	Footing	Conc. Abutment w/	Conc. Pile	Conc. Spread Footing
	BRIDGE TYPE	Superstructure	Prestress. Conc.	Slab	Prestress. Conc. Slab	Prestress. Conc.	Slab	Conc. 3-sided Box	Steel Thru Truss		0000	Prestress. Conc. Bulb-T Girder	Prestress. Conc. Slab
	PENCTH (FEET)	I	70 H	\neg	70	42		74	80			08	35
	MILEPOST	V.	0.25		0.77	0.88		3.78	0.17		+	0.8	4.71
	OVD NVME	H	447608 South Point	Rd.	327508 E Quilcene	357509 Old Tarboo	Rd.	352909 Snow Creek	Rick	Tollefson	Mem. Trail	500209 West Uncas	418708 Thorndyke Rd.
	OAD NUMBER	я	447608		327508	357509		352909	352909 Rick			500209	418708
7/2023	VME	N	Shine Creek		Donovan	Old Tarboo		Andrews	RTMT	Pedestrian		Wally	Thorndyke
ated: 6/	OUNTY NUMBER	Э	31E		32E) 33E) 38E)41E			0 42E	44E
Last Updated: 6/7/2023	EDEKYT SLKUCLURE NUMBER	IA	8754000 31E		8753900 32E	8753800 33E		8753800 38E	8898600 41E			8902400 42E	
_													

Jefferson County Public Works Master Bridge List West Jefferson County

	T	_	_								
BEWYRKS								Bridge replaced in 2022	UBIT EVERY 4 YEARS – LAST UBIT 7/11/2018		
		24	24	24	24	24	24	24	24	24	24
SUFFICIENCY RATING		76.14	83.43	76.34	73.37	68.62	47.21		98.71	75.96	78.06
TVS INSPECTION		5/24/22	5/24/22	5/24/22	5/25/22	5/25/22	5/25/22		7/5/22	5/25/22	5/25/22
LOAD POSTED		×								×	
SCOUR CRITICAL											
FRACTURE CRITICAL											
XEAR BUILT		1974	2005	1974	1982	1972	1973	2022	1988	1977	1974
ETYPE	Substructure	Conc. Abutment w/ C.I.P. conc. pile	Conc. Abutment w/ C.I.P. Conc. Pile	Conc. Abutment w/ C.I.P. conc. pile	Conc. Abutment w/ steel H pile	Conc. Abutment w/ C.I.P. conc. pile	Cone. Abutment w/ C.I.P. conc. pile	Open-ended steel pipe piling	Conc. Piers, Conc. Abutment w/ steel H pile	Timber abutment, timber piles	Conc. Abutment w/ C.I.P. conc. pile
BRIDG	Superstructure	Prestress. Conc. Bulb-T Girder	Prestress. Conc. Slab	Prestress. Conc. Bulb-T Girder	Prestress. Conc. Girder	Prestress. Conc. Bulb-T Girder	Prestress. Conc. Bulb-T Girder	Prestress. Conc. Bulb-T Girder		ş	Prestress. Conc. Bulb-T Girder
TENCLH (KEEL)		78	64	87	120	19	83	120	844	31	8
WILEPOST		3.19	9.75	4.44	0.16	2.07	6.49	7.5	9.0	2.3	0.52
ROAD NAME		Quinault S. Shore Rd.	Oil City Rd.	Oil City Rd.	Upper Hoh Rd.	Upper Hoh Rd.	Upper Hoh Rd.	Upper Hoh Rd.	Clearwater Rd.	Dowans Creek Rd.	Dowans Creek Rd.
KOVD MUMBER		911607	134309	134309	914207	914207	914207	914207	107509	146809	146809 Dowans Creek Ro
NAME		Fletcher Creek	Barlow	Anderson Creek	Hell Roaring Creek	Alder Creek	Rock Creek	Tower Creek	Queets River	Hemphill Creek	Dowans Creek
COUNTY NUMBER		01W		03W							
REDERAL STRUCTURE NUMBER		8451600	8258500	8145800	8280100	8298800	8383600	8934200	8391000	8047800	7966600 10W
	INONIHES INSECTION EREQUENCY ENGLICHMENT PREFICIENT (5D) TO STANGLICH (5D) TO STANGLI	TOVD BOSLED SCOUR CRITICAL REACTURE CRITICAL YEAR BUILT TENGTH (FEET) Superfuctive ROAD NAME NAME NAME	BRIDGE TYPE INSPECTION FREQUENCY SUPERINGE BRIDGE TYPE INSPECTION FREQUENCY STRUCTURAL CRITICAL SUPERINGE SUPERINGE AND POSTED LAS INSPECTION STRUCTURE CRITICAL SUBSTRUCTURE CRITICAL SUBSTRUCTURE CRITICAL SUBSTRUCTURE CRITICAL SUBSTRUCTURE CRITICAL SOUR CRITICAL SUBSTRUCTURE CRITICAL SUBSTRUCTURE CRITICAL SOUR CRITICAL SOUR CRITICAL SOUR CRITICAL SOUR CRITICAL SOUR CRITICAL CONC. Abutment w/ 1974 X 5/24/22 76.14 C.I.P. conc. pile C.I.P. conc. pile C.I.P. conc. pile C.I.P. conc. pile	Barlow 134309 Oil City Rd. Prestress. Conc. Slab Conc. Abutment w/ Conc. Pile C.L.P. conc. Pile	Barlow 134309 Oil City Rd. 4.44 87 Prestress. Conc. Abutment w. 1974 Anderson 134309 Oil City Rd. 4.44 87 Prestress. Conc. Abutment w. 1974 S/24/22 76.34 S/24	Barlow 134309 Oil City Rd. 4.44 87 Prestress. Conc. Abument w. 1974 S/24/22 76.14 S/24/22 76.34 NAME Creek 194207 Upper Hob 0.16 120 Prestress Conc. Abument w/ Hell Roaming 914207 Upper Hob 0.16 120 Prestress Conc. Conc. Abument w/ 1974 1972 197	Pletcher 11607 Quinault Superiture Substructure Substruc	Note Creek 191207 Upper Hoh 2.07 67 Prestress Conc. Abument w. 1973 States 1933 Prestress Conc. Abument w. 1974 States 1933 Prestress Conc. Abument w. 1974 States 1933 Prestress Conc. Abument w. 1974 States Stat	NAMES 19,000 Check 19,1207 Upper Hob 2,07 67 Prestress Cone. Cone Abument W 1974 1972 1972 1972 1973 1972 1973 1973 1974 1974 1974 1974 1974 1974 1975	Pictor 114309 Oli Cip Rd 144 87 Pictores Conc. Conc. Abument w/ 1972 State Ciber ber State Ciber Ciber State Ciber Sta	

Jefferson County Public Works Master Bridge List West Jefferson County

KEMVKKS					Fracture Critical Special Inspection WSDOT performs inspection with UBIT biennially							
(WOALHS) INSECTION FREQUENCY		24	24	24	24	24	24	24	24	24	24	24
EURUCTIONALLY OBSOLETE (FO) STRUCTURALLY DEFICIENT (SD)		FO			FO							
SUPPLICIENCY RATING		83.39	76.76	32.99	80.32	80.20	73.19	77.41	76.65	82.69		73.19
TVS INSPECTION		5/24/22	5/24/22	5/25/22	7/5/22	5/25/22	5/25/22	5/25/22	5/25/22	5/25/22	5/24/22	5/25/22
LOAD POSTED												
гооп сылсы												
ERACTURE CRITICAL					×							
YEAR BULT		1989	6961	1962	2000	2010	2011	2012	2013	2016	2015	2021
TYPE	Substructure	Conc. Abutment w/ steel H piles	Conc. Abutment, Conc. column, Conc. footing	Conc. Pile cap w/ Prestress. Conc. piles	Conc. Pile cap, steel piles	Conc. Spread Footing	Open-ended steel pipe piling	Open-ended steel pipe piling				
BRIDGE TYPE	Superstructure	Prestress. Conc. Slab	Prestress. Conc. Bulb-T Girder	Prestress. Conc. Bulb-T Girder	Steel Girder	Cone. 3-sided Box Culvert	Cone. 3-sided Box Culvert	Cone. 3-sided Box Culvert	Cone. 3-sided Box Culvert	Conc. 3-sided Box Culvert	Conc. 3-sided Box Culvert	Prestress. Conc. Bulb-T Girder
TENCLH (REET)		69	19	09	154	37	22	22	25	21	17	120
WITEPOST		1.29	2.66	3.52	3.59	8.3	9.19	9.7	2.15	6.95	1.29	10.2
BOVD NVME		Maple Creek Rd.	107509 Clearwater Rd.	Upper Hoh Rd.	134309 Oil City Rd.	914207 Upper Hoh Rd.	107509 Clearwater Rd.	914207 Upper Hoh Rd.				
ROAD NUMBER		135109 Maple Creek	107509	914207 I	134309	914207	914207		914207	914207	107509	914207
7/2023 AAME		8475700 11W Owl Creek	Hurst Creek	Willoughby Creek	Cassel Creek	Pole Creek	Dismal Creek	Spruce Creek	Alder Creek Tributary	Upper Hoh Rd. MP 6.95	Donkey Creek	Canyon Creek
COUNTY NUMBER		W11W								39W	40W	43W
FEDERAL STRUCTURE NUMBER 6.672023		8475700	8253600 13W	8339400 27W	8659900 30W	8829800 34W	8845600 35W	8853500 36W	8863300 37W	M6E 0099888	8903500	8924800 43W

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