

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: November 21, 2022

Subject: Adoption of 2023-2028 Six-Year Transportation Improvement Program (TIP)

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 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)).

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, Engineering Services Manager-Asst. Public Works Director, 360-385-9167

Reviewed By:


Mark McCauley, County Administrator

Date 11/16/22

**COUNTY OF JEFFERSON
STATE OF WASHINGTON**

In the Matter of Adoption of the }
2023-2028 Six-Year Transportation }
Improvement Program }

RESOLUTION NO. _____

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

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

WHEREAS, the Board of County Commissioners, Jefferson County, in the State of Washington, has reviewed the transportation project priority array, the road fund forecast and bridge condition report as prepared by the Department of Public Works, and has conducted a public hearing on the corresponding proposed six-year transportation improvement program;

IT IS HEREBY RESOLVED that the Board of County Commissioners does approve and adopt the Six-Year Transportation Improvement Program for the years 2023 through 2028 inclusive in accordance with WAC 136-15.

ADOPTED and signed this _____ day of November 2022.

JEFFERSON COUNTY
BOARD OF COMMISSIONERS

Kate Dean, District 1

Heidi Eisenhour, District 2

ATTEST:

Carolyn Gallaway, Clerk

Greg Brotherton, District 3

SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2023 - 2028

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	FUND STATUS	ENVIRONMENAL ASSESS	TOTAL LENGTH (mi.)	PROJECT COSTS IN DOLLARS								EXPENDITURE SCHEDULE									
							PROJECT PHASE	MONTH / YEAR FUND STARTS	FUNDING SOURCE INFORMATION															
									FEDERAL FUNDS		STATE FUNDS		OTHER REVENUES	LOCAL FUNDS	TOTAL									
									FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE												
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 (with \$95,660 from PIF)	28	S	E	0.50	PE	1/13							5,000	5,000	5,000							5,000
							R/W	3/20								0								0
							CN	6/23			PBP	695,350	95,660			791,010	791,010							791,010
							Total					695,350	95,660		5,000	796,010	796,010		0	0	0	0	0	796,010
07	2	91420 MP 0.00 to MP 12.04 (18019410) Upper Hoh Road Phase 2 - FLAP Project Local funds, total \$90,227, for infrastructure protection as performed by FHWA Western Federal Lands (WFL) division, thru FLAP program. Total FLAP = \$19,050,500 (uses toll credits)	06	S	S	12.04	PE									0								0
							R/W									0								0
							CN	6/21	FLAP					5,000	5,000	5,000								5,000
							Total				0		0	5,000	5,000	5,000		0	0	0	0	0	0	5,000
09	3	35290 MP 0.84 (18020310) Snow Creek Road Culvert Replacement Replace and upsize a deteriorated metal culvert above Lake Leland on an unnamed tributary without anadromous fish. Total (Hazard Mitigation Program+PWB+Local Funds) = \$1,691,773	11	S	I	N/A	PE	1/20	FEMA	7,500	FEMAm	1,250	1,250			10,000	10,000							10,000
							R/W	6/21								0								0
							CN	6/23	FEMA	881,250	FEMAm	146,875	355,629			1,383,754	1,383,754							1,383,754
							Total			888,750		148,125	356,879		0	1,393,754	1,393,754		0	0	0	0	0	1,393,754
07	4	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 FHWA bridge program grant. Total = \$5,680,128	11	S	I	0.5	PE	1/22	BRR	333,000				0	333,000	330,000	3,000							333,000
							R/W	1/22	BRR	50,000				0	50,000	50,000								50,000
							CN	10/24	BRR	5,263,628				0	5,263,628				5,263,628					5,263,628
							Total			5,646,628		0	0	0	5,646,628	380,000	3,000	5,263,628		0	0	0	0	5,646,628
09	5	15100 MP 0.90 to MP 2.185 (18020460) Undi Road Bypass - FLAP Project Local funds, total \$33,000, to preserve access to ONP & USFS as performed by FHWA Western Federal Lands division, thru FLAP program Total FLAP = \$2,001,814 (uses toll credits)	06	S	I	1.285	PE	1/17	FLAP					4,000	4,000	4,000								4,000
							R/W								0									0
							CN	6/24	FLAP					4,000	4,000		4,000							4,000
							Total			0		0	0	8,000	8,000	4,000	4,000		0	0	0	0	0	8,000
00	6	850200 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 (STBG) + \$3,810,720 (RCO) + \$273,900 (JC Cap.)	28	S/P	I	2.70	PE	1/17				WWRP	254,091	97,544		351,635	336,635	15,000						351,635
							R/W	1/20				WWRP	43,356	16,644		60,000	60,000							60,000
							CN	6/24	STP-R	1,430,709	WWRP	3,249,693	27,392		4,707,794		4,707,794							4,707,794
							Total			1,430,709		3,547,140	141,580	0	5,119,429	396,635	4,722,794		0	0	0	0	0	5,119,429
N/A	7	Countywide (18020980) Jefferson County Road Departure Reduction Project Add/upgrade signing, add guardrail reflectors and delineators, and add shoulder rumble strips on Center Rd. as deemed appropriate during PE. Total = \$707,000 (10% Local match for PE only)	21	S	E	N/A	PE	1/22	HSIP	26,550				2,950	29,500	29,500								29,500
							R/W							0	0									0
							CN	6/23	HSIP	623,000				0	623,000	623,000								623,000
							Total			649,550		0		2,950	652,500	652,500		0	0	0	0	0	0	652,500
09	8	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	2.48	PE	1/21	FLAP					2,500	2,500	2,500								2,500
							R/W								0									0
							CN								0									0
							Total			0		0	0	2,500	2,500	2,500		0	0	0	0	0	0	2,500
07	9	93150 MP 10.34 to MP 14.55 (18020960) Center Road 2R Resurface 4.24 miles of Center Road north from the Little Quilcene River. Total grants = \$1,700,700 (RAP) + \$300,000 (JC Cap.) Total = \$2,205,646	05	S	E	4.24	PE	1/23				RAP	40,350		48,073	88,423	88,423							88,423
							R/W								0									0
							CN	6/24				RAP	1,646,900	300,000	155,377	2,102,277		2,102,277						2,102,277
							Total			0		1,687,250	300,000	203,450	2,190,700	88,423	2,102,277		0	0	0	0	0	2,190,700

SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2023 - 2028

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									FEDERAL FUNDS		STATE FUNDS		OTHER REVENUES	LOCAL FUNDS	TOTAL						
									FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE									
09	19	52000 MP 0.80 to MP 1.30 (TBD) Van Trojen Road - Bituminous Surface Treatment Project will convert existing gravel road surface to BST (bituminous surface treatment). Work will be completed by county road crew. Total = \$147,600	05	S	E	1.22	PE							0						0	
							R/W							0						0	
							CN	6/25					147,600	147,600			147,600			147,600	
							Total			0	0	0	147,600	147,600	0	0	147,600	0	0	147,600	
07	20	91420 MP 0.00 to MP 12.04 (18020560) Upper Hoh Road Pavement Preservation Pavement preservation & safety improvements along Upper Hoh Rd. to Hoh Rain Forest/ONP boundary performed by FHWA, WFL division. Total = \$1,567,272 (FLAP) + \$408,400 (RAP)	06	S	E	12.04	PE	1/17	FLAP	0	RAP	56,400		56,400		25,000	30,000	1,400		56,400	
							R/W						0	0					0		
							CN	6/26	FLAP	0	RAP	347,000		347,000			347,000			347,000	
							Total			0		403,400	0	0	403,400	0	25,000	30,000	348,400	403,400	
09	21	850100 & 527109 (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 = \$288,270	04	S/P	E	0.30	PE	1/19				13,941		13,941			13,941			13,941	
							R/W						0	0					0		
							CN	6/25		PBP	125,000		127,966	252,966			252,966			252,966	
							Total			0		138,941	0	127,966	266,907	0	0	266,907	0	266,907	
07	22	93150 MP 3.26 (18020990) Center Road Culvert Correction - Chimacum Creek Replace non-conforming road culvert with fish passable culvert design for Chimacum Creek salmon. Total grants= \$2,497,500	11	P	I	N/A	PE	7/23			FBRB	502,300		35,700	538,000			264,000	264,000	538,000	
							R/W	1/25					8,000	8,000			8,000			8,000	
							CN	6/27	NFPP	300,000	FBRB	2,797,500		52,500	3,150,000			3,150,000		3,150,000	
							Total			300,000		3,299,800	0	96,200	3,696,000	0	0	272,000	264,000	3,696,000	
03	23	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 = \$1,532,010	28	P	E	0.05	PE	7/26			PBP	226,970		226,970			26,970	200,000		226,970	
							R/W						0	0					0		
							CN	1/28			PBP	1,305,040		1,305,040				1,305,040		1,305,040	
							Total			0		1,532,010	0	0	1,532,010	0	0	0	26,970	1,532,010	
00	24	850200 Discovery Bay Village to SR-20/US101 Junction (TBD) Olympic Discovery Trail (ODT) Discovery Bay - Segment B ODT segment from existing South Discovery Bay ODT terminus (over Salmon & Snow Creeks) to SR 20/US 101 intersection. Total = \$2,585,000 (RCO WWRP for PE/CN & STBG for CN)	28	P	E	0.52	PE	7/26			RCO-WWRP	232,500		77,500	310,000			60,000	250,000	310,000	
							R/W	1/27					20,000	20,000			20,000			20,000	
							CN	6/28	STP-R	487,644	RCO-WWRP	1,691,250		76,106	2,255,000				2,255,000	2,255,000	
							Total			487,644		1,923,750	0	173,606	2,585,000	0	0	0	60,000	2,585,000	
07	25	91420 MP 9.7 to MP 9.8 (18019880) Upper Hoh Road Spruce Creek Mitigation - Permanent Environmental mitigation / Permanent repairs project in response to 2015 emergency repairs.	20	S/P	S	0.1	PE	11/18	ER	8,650			1,350	10,000	10,000					10,000	
							R/W						0	0					0		
							CN	6/24	ER	105,963			16,537	122,500		122,500			122,500		
							Total			114,613		0	0	17,887	132,500	10,000	122,500	0	0	132,500	
09	26	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.	20	P	S	0.1	PE	1/25	FEMA	160,050	FEMAm	26,675		26,675	213,400			106,700	106,700	213,400	
							R/W	1/26	FEMA	7,500	FEMAm	1,250		1,250	10,000			10,000		10,000	
							CN	6/27	FEMA	2,451,019	FEMAm	408,503		408,503	3,268,025				3,268,025	3,268,025	
							Total			2,618,569		436,428	0	436,428	3,491,425	0	0	106,700	116,700	3,491,425	
07	27	93150 MP 3.39 to 3.49 (TBD) Yarr Bridge Replacement Replace existing 1955 bridge to address pending weight restriction issue. Total = \$3,564,000	11	P	S	0.10	PE				FMSIB	550,000		550,000		250,000	300,000			550,000	
							R/W				FMSIB	58,000		58,000			58,000			58,000	
							CN				FMSIB	2,956,000		2,956,000			2,956,000			2,956,000	
							Total			0		3,564,000	0	0	3,564,000	0	250,000	358,000	2,956,000	3,564,000	

SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2023 - 2028

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							PROJECT PHASE	MONTH / YEAR FUND STARTS	FUNDING SOURCE INFORMATION														
									FEDERAL FUNDS		STATE FUNDS		OTHER REVENUES	LOCAL FUNDS	TOTAL								
									FEDERAL FUND TYPE	FEDERAL COST BY PHASE	STATE FUND TYPE	STATE COST BY PHASE											
YEAR 1 2023	YEAR 2 2024	YEAR 3 2025	YEAR 4 2026	YEAR 5 2027	YEAR 6 2028	TOTAL 2023-2028																	
09	28	50200 MP 0.650 to 0.695 (TBD)	4	S/P	I	0.045	PE													0			
		Gardiner Beach Road Boat Ramp Repair																			0		
		Joint project with Port of Port Townsend to to elevate roadway to accommodate Port's reconstruction of the existing boat ramp.																			0		
		Total = \$800,000						4/24				50,000	50,000		50,000					50,000			
									0		0	0	50,000	50,000	0	50,000	0	0	0	0	50,000		
03	29	US 101 MP 309.88-310.50	10	S/P	S	0.62	PE													0			
		Duckabush Estuary Restoration-Realignment Project						1/24				5,000	5,000		5,000					5,000			
		Project will replace US101 causeway with a bridge. Will also realign a Duckabush Rd. segment & replace a culvert with a bridge on Shore Rd.											0							0			
		Total = \$126 million										0		0	5,000	5,000	0	5,000	0	0	0	0	5,000
									0		0	5,000	5,000	0	5,000	0	0	5,000	5,000	0	0	5,000	
N/A	30	Countywide Safety Improvements	21	S/P	E	N/A	PE													0			
		Systemic safety countermeasures applied to county network identified in a local plan and funded thru a biennial WSDOT federal grant program.						1/25	HSIP	135,000				15,000	150,000			50,000	50,000		50,000	150,000	
		Total HSIP = \$802,828 (10% Local match for PE only)										0	0								0		
								1/27	HSIP	800,500			0	800,500				800,500			800,500		
										935,500		0		15,000	950,500	0	0	50,000	50,000	800,500	50,000	950,500	
N/A	31	Countywide Bridge Heavy Maintenance Program	48	P	E	N/A	PE													0			
		Protection of primary bridge components, seismic retrofits, etc. through a biennial WSDOT administered federal grant program.						1/25	BRR	40,000				10,000	50,000			25,000		25,000		50,000	
		Total = \$350,000										0	0							0			
								6/26	BRR	240,000			60,000	300,000				150,000		150,000	300,000		
										280,000		0		70,000	350,000	0	0	25,000	150,000	25,000	150,000	350,000	
N/A	32	Countywide Various Road Improvements	N/A	P	E	N/A	PE													0			
		Various projects countywide involving lighting, signage, intersection control, culvert replacement/rehabilitation, drainage, surfacing upgrades, pedestrian and bicycle facilities, or other improvements.						1/23						60,000	60,000	10,000	10,000	10,000	10,000	10,000	10,000	60,000	
		Total = \$210,000											0	0							0		
								1/23						150,000	150,000	25,000	25,000	25,000	25,000	25,000	25,000	150,000	
										0		0		210,000	210,000	35,000	35,000	35,000	35,000	35,000	35,000	210,000	
								14,583,545		21,108,644	949,819	1,835,811	38,477,819	4,473,702	9,089,055	7,087,435	6,274,062	7,758,525	3,795,040	38,477,819			

PE		898,468		1,993,042	98,794	347,577	3,337,881	1,052,170	321,000	890,641	519,070	495,000	60,000	3,337,881
R/W		92,224		111,731	16,644	77,039	297,638	159,638	13,000	95,000	10,000	20,000	0	297,638
CN		13,592,853		19,003,871	834,381	1,411,195	34,842,300	3,261,894	8,755,055	6,101,794	5,744,992	7,243,525	3,735,040	34,842,300
Total		14,583,545		21,108,644	949,819	1,835,811	38,477,819	4,473,702	9,089,055	7,087,435	6,274,062	7,758,525	3,795,040	38,477,819