



**SIX YEAR TRANSPORTATION IMPROVEMENT PROGRAM
2019-2024**

Costs in \$1,000's

Priority Number	Project Identification	Improvement	Status	Total Length	Utility Codes	Phase	Phase Start	Federal Funding		State Funding		Local Funds		Expenditure Schedule (Year)					
								Federal Fund Code	Federal Cost by Phase	State Fund Code	State Funds	Local Funds	Total Funds	2019	2020	2021	2022	2023&2024	
1	Industrial Way/Oregon Way Intersection Project (page 1)	1, 3, 8	S	2.0	CGOPSTW	PE	2019			WSDOT	15		15	15					
								Totals	0		15		15	15					
2	Delameter Road (page 2) Phase 1 MP 0.90 to MP 1.54 Phase 2 MP 1.54 to MP 2.33	4	S	0.64	PT	PE	2019					2	2	2					
							2019					2	2	2					
							2019	STP-R	1123	CRAB	747	2468.5	4338.5	4338.5					
							2019	P		CN			51.5	51.5	51.5				
Totals		1174.5		747	2472.5	4394	4394												
3	Pacific Avenue North 1/2 Bridge Replacement (page 3) MP 1.50 to MP 1.95	11	S	0.45	COPTW	PE	2019					10	10	10					
							2019					10	10	10					
							2019	BR	2016			504	2520	2020	500				
							Totals		2016			524	2540	2040	500				
4	Wren Loop Road and White Road Culvert Replacement (page 4) Wren Loop Road MP 0.28 to MP 0.31 White Road MP 0.04 to 0.07	6	S	0.03	PT	PE	2019					10	10	10					
							2019					5	5	5					
							2019	FEMA	521	DEM	87	87	695	695					
							Totals		521		87	102	710	710					
5	West Side Highway Slide Repair (page 5) MP 2.50 to 2.80	6	S	0.3	COPT	PE	2019					3	3	3					
							2019					5	5	5					
							2019	ER	93.4			14.6	108	108					
							Totals		93.4			22.6	116	116					
6	Install/Upgrade Guardrail (page 6) Various locations	21	S		COPT	PE	2019	HSIP	1			1	2	2					
							2019	HSIP	350				350	350					
							Totals		351			1	352	352					
7	Curve Warning Signs (page 7) Various locations	21	S			PE	2019	HSIP	18			2	20	20					
							2019	HSIP	342			38	380	380					
							Totals		360			40	400	400					
8	Ross Road Slide Repair (page 8) MP 0.21 to 0.33	6	S	0.02	PT	PE	2019	FEMA	26	DEM	4.5	4.5	35	35					
							2019					5	5	5					
							2019	FEMA	136.5	DEM	22.8	22.7	182	182					
							Totals		162.5		27.3	32.2	222	222					
9	Bunker Hill Slide Repair (page 9) MP 0.03 to 0.05	6	S	0.02		PE	2019	FEMA	18.8	DEM	3.1	3.1	25	25					
							2019					5	5	5					
							2019	FEMA	101.2	DEM	16.9	16.9	135	135					
							Totals		120		20	25	165	165					



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10	Storm Road Realignment (page 10) MP 0.21 to 0.36	7	S	0.15	PT	PE	2019					40	40	20	20					
			RW				2019				350	350	150	200						
			CN				2020				550	550		550						
			Totals								940	940	170	770						
11	Rose Valley Road - Turner Creek Culvert (page 11) MP 3.75 to MP3.83	6	S	0.08		PE	2019			FISH	191.25	33.75	225	225						
			RW				2019				10	10	10							
			CN				2019			FISH	981.75	173.25	1155	1155						
			Totals								1173	217	1390	1390						
12	Street Light Replacement Program (page 12) Various locations	6	S		P	PE	2019					50	50	50						
			RW				2019				5	5	5							
			CN				2019			PUD	400	100	500	340	160					
			Totals								400	155	555	395	160					
13	Goble Creek Loop Road North Slide Repair No. 2 (page 13) MP 0.58 to 0.62	7	S	0.04	PT	PE	2019	FEMA	7.5	DEM	1.25	1.25	10	10						
			RW				2019				10	10	10							
			CN				2019	FEMA	93.7	DEM	15.65	15.65	125	125						
			Totals								101.2	16.9	26.9	145	145					
14	Goble Creek Loop Road North Slide Repair (page 14) MP 0.49 to MP 0.55	7	S	0.06	PT	PE	2019					4	4	4						
			RW				2019				5	5	5							
			CN				2019	FEMA	135	DEM	22.5	22.5	180	180						
			Totals								135	22.5	31.5	189	189					
15	Germany Creek Washout Repair (page 15) MP 3.59 to MP 3.61	6	S	0.02	PT	PE	2019					15	15	15						
			RW				2019				10	10	10							
			CN				2019				200	200	200							
			Totals								225	225	225	225						
16	Hazel Dell Road (Mitigation Plantings) (page 16)	6	S			CN	2019					10	10	10						
			Totals								10	10	10							
17	Little Kalama River Road Drainage Improvement (Mitigation) (page 16)	4	S			CN	2019					10	10	10						
			Totals								10	10	10							
18	Mahaffey Road Drainage Improvements (page 18) MP 1.03 to MP 1.07	6	S	0.04	PT	PE	2019					70	70	60	10					
			RW				2019				10	10	10							
			CN				2020				400	400		400						
			Totals								480	480	70	410						
19	South Cloverdale Road (page 19) MP 0.15 to MP 0.81	4	S	0.66	COPTW	PE	2019			CRAB	50	80	130	100	30					
			RW				2019				100	100	75	25						
			CN				2020			CRAB	1250	750	2000	1500	500					
			Totals								1300	930	2230	175	1555	500				
20	South Cloverdale Road-Confer Road Intersection (Page 20)	21	S	0.11	COPTW	PE	2019					5	5	5						



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								Federal Fund Code	Federal Cost by Phase	State Fund Code	State Funds	Local Funds	Total Funds	2019	2020	2021	2022	2023&2024		
	MP 0.75 to MP 0.86		S			CN	2020					450	450			350	100			
												455	455	5	350	100				
21	Ostrander Road /Pacific Avenue N Intersection Improvements (page21) MP 0.00 to 0.05 (Ostrander Road)	7	S	0.05	COPTW	PE	2019					100	100	75	25					
			S			RW	2019					100	100		100					
			S			CN	2020					500	500		500					
												700	700	75	625					
22	Sauer Road Slide Repair (page 22) MP 1.07 - 1.10	6	S	0.03		PE	2019	FEMA	60	DEM	10	10	80	60	20					
			S			RW	2019					5	5	5						
			S			CN	2020	FEMA	450	DEM	75	75	600		600					
									510		85	90	685	65	620					
23	Coyote Lane - Baxter Creek Culvert (page 23) MP 0.11 to MP 0.21	8	S	0.1		PE	2019			FRB	127.5	22.5	150	130	20					
			S			RW	2019					5	5	5						
			S			CN	2020			FRB	2053.5	362.5	2416		2000	416				
											2181	390	2571	135	2020	416				
24	Owl Creek Bridge Repairs (page 24) Old 99 South MP 0.95 to MP 1.05	14	S	0.1	COPT	PE	2019					50	50	10	40					
			S			CN	2020					500	500		200	300				
												550	550	10	240	300				
25	Spencer Creek Road Slide Repair (page 25) MP 1.52 to 1.56	6	S	0.04	PT	PE	2019					50	50	40	10					
			S			RW	2019					20	20	20						
			S			CN	2020					350	350		350					
												420	420	60	360					
26	Greenwood Rd Culvert Replacement (page 26) MP 0.02 to MP 0.06	6	S	0.04		PE	2019					80	80	40	35	5				
			S			RW	2020					10	10		10					
			S			CN	2020					400	400			400				
												490	490	40	45	405				
27	Erick Creek Culvert - Abernathy Creek Road (page 27) MP 5.30 to 5.40	6	S	0.1		PE	2019					70	70	65	5					
			S			RW	2019					10	10	5	5					
			S			CN	2020			FISH	1057	186	1243		843	400				
											1057	266	1323	70	853	400				
28	Nevada Drive Safety Improvements (page 28) MP 0.00 to 1.43	21	S	1.43		PE	2019					200	200	20	160	20				
			S			RW	2020					50	50		10	40				
			P			CN	2021					350	350			350				
												600	600	20	170	410				



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29	Garlock Road Box Culvert Replacement (page 29) MP 0.62 to 0.64	11	S	0.02		PE	2019			FISH	242	43	285	235	45	5		
			RW			2020				5	5		5					
			CN			2021			FISH	1105	195	1300			1300			
			Totals							1347	243	1590	235	50	1305			
30	Ostrander Road Box Culverts Replacement (page 30) MP 0.65 to 0.68	11	S	0.03	CGPTW	PE	2019			FISH	322	57	379	214	150	15		
			RW			2020				5	5		5					
			CN			2021			FISH	1870	330	2200			1700	500		
			Totals							2192	392	2584	214	155	1715	500		
31	Mountain View Road Slide Repair (page 31) MP 0.97 to MP 1.02	6	S	0.05	PT	PE	2019					500	500	5	5	5	385	100
			RW			2022				10	10				10			
			CN			2023				2000	2000					2000		
			Totals									2510	2510	5	5	5	395	2100
32	Dike Road Reconstruction - Phase 2 (page 32) MP 3.05 to 5.32	6	S	0.85	PT	PE	2020			CRAB	90	10	100		30	70		
			CN			2021			CRAB	1602	178	1780			1780			
			Totals							1692	188	1880			30	1850		
33	Cloverdale Road Drainage Improvement (page 33) MP 1.75 to 1.81	6	S	0.06	COPT	PE	2020			CRAB	50	10	60		40	20		
			RW			2021				5	5			5				
			CN			2021			CRAB	450	150	600			600			
			Totals							500	165	665			40	625		
34	Slide Creek Road Slide Repairs (page 34) MP 1.46 to MP 1.54	6	S	0.08		PE	2020					30	30		25	5		
			RW			2020				10	10			10				
			CN			2021				200	200				200			
			Totals									240	240			35	205	
35	North Bodine Drainage Improvements (page 35) MP 0.64 to MP 0.68	6	S		PT	PE	2020					70	70		60	10		
			RW			2020				10	10			10				
			CN			2021				440	440				440			
			Totals									520	520			70	450	
36	Wren Loop/SR411 Intersection Improvements (page 36)	21	S		CPTO	PE	2021					45	45			30	15	
			RW			2022				10	10				10			
			CN			2022				300	300				300			
			Totals									355	355			30	325	
37	Italian Creek Road Drainage and Roadway Improvements (page 37) MP 2.86 to MP 2.90	6	S	0.04	PT	PE	2021					45	45			35	10	
			RW			2021				10	10				5	5		
			CN			2022				325	325				325			
			Totals									380	380			40	340	



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38	N Dubois Slide Repair - Group 1 (page 38) MP 2.3 to 2.35	6	S	0.05	PT	PE	2021					75	75			55	20				
Totals												580	580			60	520				
39	Ostrander Rd. Bridge Replacement (page 39) MP 0.35 to 0.45	11	S	0.1	CGPTW	PE	2021					300	300			150	150				
Totals												2400	2400			150	1750	500			
40	Coal Creek Road (page 40) MP 1.44 to MP 2.50	4	P	1.06	CPT	PE	2021					350	350			300	50				
Totals												3700	3700			350	2850	500			
41	Kalama River Road Curve Improvements (page 41) MP 14.95 to 15.05	21	P	0.1		PE	2021					70	70			60	10				
Totals												530	530			70	460				
42	Martins Bluff Embankment Repair (page 42) MP 0.04 to 0.10	6	P	0.06		PE	2021					50	50			50					
Totals												300	300			60	240				
43	Nevala Road Slide Repair (page 43) MP 0.44 to 0.50	6	P	0.06		PE	2021					90	90			70	20				
Totals												695	695			75	620				
44	Pacific Way Drainage Improvement (page 44) MP 2.09 to MP 2.11	6	P	0.02	CGPTSW	PE	2021					30	30			30					
Totals												280	280			30	250				
45	Allender Road Repair (page 45) MP 0.78 to MP 0.82	6	P	0.04	PT	PE	2021					50	50			40	10				
Totals												305	305			45	260				
46	Allen Street Drainage Improvement (page 46) MP 2.50 to MP 2.80	6	P	0.3	PT	PE	2021					40	40			30	10				
Totals												650	650			40	610				



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47	Kalama River Road Culvert Replacement (page 47) MP 2.35 to 2.39	6	P	0.02		PE	2021					40	40				40					
			P			RW	2021					10	10				10					
			P			CN	2022					400	400						400			
			Totals												450	450				50	400	
48	Italian Creek Culvert Replacement (page 48) MP 1.85 to MP 1.89	6	P	0.04	PT	PE	2021					40	40					35	5			
			P			RW	2021					5	5				5					
			P			CN	2022					300	300						300			
			Totals												345	345				40	305	
49	Primrose Road Culverts and Surface Upgrade (page 49) MP 0.05 to 0.45	6	P	0.4	PT	PE	2021					75	75					50	25			
			P			RW	2021					10	10				5	5				
			P			CN	2022					500	500						500			
			Totals												585	585				55	530	
50	Fish Pond Road Drainage Improvements (page 50) MP 1.87 to 1.91	6	P	0.04	PT	PE	2021					60	60					40	20			
			P			RW	2021					10	10				5	5				
			P			CN	2022					500	500						500			
			Totals												570	570				45	525	
51	Allender Road Culvert No. 1 Replacement (page 51) MP 0.35 to 0.37	6	P	0.02	PT	PE	2022					300	300						150	150		
			P			RW	2022					10	10					5	5			
			P			CN	2023					1200	1200						1200			
			Totals												1510	1510				155	1355	
52	Witherbe Rd Intersection Improvements (page 52) MP 0.0 to MP 0.5	21	P	0.5		PE	2021					100	100					50	25	25		
			P			RW	2022					100	100				100					
			P			CN	2023					500	500						500			
			Totals												700	700				50	125	525
53	South Silver Lake Road (page 53) MP 1.45 to MP 2.84	4	P	1.39	CPT	PE	2021					430	430					200	200	30		
			P			RW	2022					125	125				125					
			P			CN	2023				CRAB	1000	3300	4300						4300		
			Totals									1000	3855	4855						200	325	4330
54	N Dubois Slide Repair - Group 2 (page 54) MP 1.03 to 1.19	6	P	0.16	PT	PE	2022					240	240						180	60		
			P			RW	2022					10	10				10					
			P			CN	2023					1600	1600						1600			
			Totals												1850	1850				190	1660	
55	Coal Creek Road Culverts Replacement (page 55) MP 0.22 to 0.24	6	P	0.02	CPT	PE	2022					120	120						100	20		
			P			RW	2022					5	5				5					
			P			CN	2023					800	800						800			
			Totals												925	925				105	820	
56	Delameter Road (page 56)	4	P	1.0	PT	PE	2022					310	310						260	50		



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	MP 2.33 to MP 3.33		P			RW	2022					100	100					100	
			P			CN	2023					3100	3100						3100
								Totals				3510	3510					360	3150
57	Kalama River Road Culvert Repair (page 57) MP 2.02 to 2.06	6	P	0.04	PT	PE	2022					40	40					30	10
			P			RW	2022					10	10					10	
			P			CN	2023					250	250						250
								Totals				300	300					40	260
58	Allender Road Bridge Replacement (page 58) MP 0.73 to 0.75	11	P	0.02	PT	PE	2023					300	300						300
			P			RW	2024					10	10						10
			P			CN	2024					1200	1200						1200
								Totals				1510	1510						1510
59	Coal Creek Road - Phase 2 (page 59) MP 2.50 to MP 3.50	4	P	1.0	CPT	PE	2023					310	310						310
			P			RW	2023					100	100						100
			P			CN	2024					3100	3100						3100
								Totals				3510	3510						3510
60	Westside Highway Gabion Wall Slide Repair (page 60) MP 7.98 to 8.00	6	P	0.02	PT	PE	2023					60	60						60
			P			RW	2024					5	5						5
			P			CN	2024					200	200						200
								Totals				265	265						265
61	Allen Street Improvements (page 61) MP 1.06 to 1.95	4	P	0.85	CPT	PE	2023					400	400						400
			P			RW	2023					100	100						100
			P			CN	2024					2700	2700						2700
								Totals				3200	3200						3200
62	Powell Road Drainage Improvement (page 62) MP 0.56 to MP 0.66	6	P	0.1	CGOPTSW	PE	2023					40	40						40
			P			RW	2023					10	10						10
			P			CN	2024					600	600						600
								Totals				650	650						650
63	Holcomb-Ostrander Bypass (page 63)	3	P			PE	2023					285	285						285
			P			RW	2023					200	200						200
			P			CN	2024					1875	1875						1875
								Totals				2360	2360						2360



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64	Westover/Lomor Drainage Improvements (page 64) MP 0.00 to MP 0.20	6	P	0.2	CGPTSW	PE	2024					100	100							100		
							RW	2024					25	25								25
							CN	2024					600	600								
													725	725							725	
65	Tower Road Bridge Scour Repair (page 65) MP 2.9	14	P	0		PE	2024					50	50							50		
							CN	2024				350	350								350	
													400	400							400	
66	N Dubois Slide Repair - Group 3 (page 66) MP 1.4 to 1.7	6	P	0.3		PE	2024					450	450							450		
							RW	2024				15	15								15	
							CN	2024				3000	3000									3000
													3465	3465							3465	
67	West Canyon View Drive Reconstruction (page 67) MP 0.00 to MP 0.15	4	P	0.15	CPTSW	PE	2024					60	60							60		
							CN	2024				400	400								400	
													460	460							460	
68	S Louma Road Turnaround (page 68)	4	P		CPTSW	PE	2024					60	60							60		
							RW	2024				100	100								100	
													160	160							160	
69	Tower Road Improvements (page 69) MP 0.00 to MP 1.50	4	P	1.5	PT	PE	2024					300	300							300		
							RW	2024				50	50								50	
													350	350							350	
70	Canal Road Dual Culvert Replacement (page 70) MP 0.86 to 0.88	6	P			PE	2024					100	100							100		
							RW	2024				10	10								10	
													110	110							110	
71	Slide/Emergency Improvements (page 71) Location varies		P	VARIES	CGOPSTW	PE	2019					90	90	15	15	15	15			30		
							RW	2019				60	60	10	10	10	10			20		
							CN	2019				600	600	100	100	100	100			200		
													750	750	125	125	125	125			250	
72	Drainage Improvements (page 72) Location varies		P	VARIES	CGOPSTW	PE	2019					60	60	10	10	10	10			20		
							RW	2019				30	30	5	5	5	5			10		
							CN	2019				510	510	85	85	85	85			170		
													600	600	100	100	100	100			200	
73	Safety Improvements (page 73) Projects on various roads that addresses guardrail, sight distance, shoulders, delineators, signs, etc.	21	P	VARIES	CGOPSTW	PE	2019					60	60	10	10	10	10			20		
							RW	2019				30	30	5	5	5	5			10		
							CN	2019				510	510	85	85	85	85			170		
													600	600	100	100	100	100			200	



**SIX YEAR TRANSPORTATION IMPROVEMENT PROGRAM
2019-2024**

Costs in \$1,000's

Priority Number	Project Identification	Improvement	Status	Total Length	Utility Codes	Phase	Phase Start	Federal Funding		State Funding				Expenditure Schedule (Year)				
								Federal Fund Code	Federal Cost by Phase	State Fund Code	State Funds	Local Funds	Total Funds	2019	2020	2021	2022	2023&2024
74	ADA Upgrades (page 74) Location varies	28	P	VARIES		PE	2019					60	60	10	10	10	10	20
			P			RW	2019				30	30	5	5	5	5	10	
			P			CN	2019				300	300	50	50	50	50	100	
			Totals							390	390	65	65	65	65	130		
Grand Totals									5544.6		13863	58744	78151	12517	9453	10466	12570	33145

Phase

- PE - Design Engineering
- RW - Right of Way
- CN - Construction

Status

- S- Funding secured.
- P - Planned -funding has not been secured.

Improvement Codes

- 1 - New Construction Roadway
- 3- Reconstruction - Added Capacity
- 4 - Reconstruction - No Added Capacity
- 5 - 4R Maintenance Resurfacing
- 6 - 4R Maintenance - Restoration and Rehabilitation
- 7 - 4R Maintenance, Relocation
- 8 - Bridge, New Construction
- 11 - Bridge Replacement - No Added Capacity
- 14- Bridge Rehabilitation - No Added Capacity
- 15 - Preliminary Engineering
- 21 - Safety
- 28 - Facilities for Pedestrians and Bicycles

Federal and State Funding Codes

- FHWA - Federal Highway Administration
- BR - Highway Bridge Program
- ER- Emergency Relief Program
- HSIP - Highway Safety Improvement Program
- HRRRP - High Risk Rural Roads Program
- STP - Surface Transportation Program - (R) - rural, (S) - safety, (U) - urban
- CRAB - County Road Administration Board - Rural Arterial Program
- FISH - Washington Recreation - Fish Recovery Grant
- DEM - Washington State Department of Emergency Management
- WSDOT - Washington State Department of Transportation
- FEMA - Federal Emergency Management Administration
- PUD - Cowlitz county Public Utility District
- (page #) - page number on accompanying 6 YR Transportation Improvement Document with description and photos

Utilities

- C - Cable
- G - Gas
- O - Other
- P - Power
- T - Telephone
- S - Sanitary Sewer
- W-Water