

Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope	Road Fill Depth (m)
994704	Northwest	DOT maintenance yard	0.99	Unnamed	Yarrow Cr	08	Culvert	No	33	Yes	6.58	1.1	SQSH	CST	0.91	0.91	132.00	No	0.00	3.50	1.50
994406	Northwest	I-405	3.06	Unnamed	Cedar R	08	Culvert	No	0	Yes	4.56	1.1	RND	OTH	1.30	1.30	140.87	No	0.13	4.47	10.00
08.0268 0.80	Northwest	I-405	10.12	Coal Cr	Lk Washington	08.0268	Culvert	Yes	67	Yes	34.58	1.1	BOX	CPC	2.16	1.83	152.40	Unk			
992385	Northwest	I-405	15.09	Yarrow Cr	Lk Washington	08.0252	Culvert	No	0	Yes	28.47	1.1	RND	OTH	0.75	0.75	204.80	No	0.80		10.00
08.0070 A 0.25	Northwest	I-405	26.46	Perry Cr	North Cr	08.0070 A	Culvert	Yes	67	Yes	11.22	1.1	RND	PCC	1.52		112.27	Unk		2.40	
993109	Northwest	I-405	26.87	Unnamed	North Cr	08	Culvert	No	0	Yes	9.33	1.1	RND	CST	1.05	1.05		No	0.00	3.00	3.00
08.0059 7.00	Northwest	I-405	29.75	Swamp Cr	Sammamish R	08.0059	Culvert	Yes	67	Yes	61.62	1.2	BOX	CPC	2.44	1.83	103.50	Unk			
08.0059 7.00	Northwest	I-405	29.75	Swamp Cr	Sammamish R	08.0059	Culvert	Yes	67	Yes	61.62	2.2	BOX	CPC	2.44	1.83	103.50	Unk	0.00		
993898	Northwest	I-405 ROW	29.67	Martha Cr	Swamp Cr	08	Culvert	No	67	Yes	12.36	1.1	RND	PCC	0.91	0.91	9.92	No	0.00	1.41	0.60
995292	Northwest	I-5	141.49	Unnamed	EF Hylebos Cr	10.0016	Culvert	No	33	Yes	10.51	1.1	RND	PCC	1.22	1.22	81.12	No	0.00	1.40	3.00
992364	Northwest	I-5	143.60	Unnamed	EF Hylebos Cr	10.0013	Culvert	No	0	Yes	10.79	1.1	RND	PCC	0.91	0.91	745.00	Unk			
996029	Northwest	I-5	153.31	Unnamed	Green R	09.0036	Culvert	No	0	No		1.1	RND	SPS	1.60	1.60	200.00	No	0.05	9.00	35.00
995976	Northwest	I-5	153.45	Unnamed	Green R	09.0033	Culvert	No	0	Yes		1.1	RND	SPS	1.60	1.60	207.70	No	0.15	9.60	35.00
994562	Northwest	I-5	174.71	Thornton Cr	Lk Washington	08.0030	Culvert	No	33	Yes	18.09	2.2	RND	PCC	1.75	1.75	465.00	Unk	0.00	2.00	
994562	Northwest	I-5	174.71	Thornton Cr	Lk Washington	08.0030	Culvert	No	33	Yes	18.09	1.2	RND	PCC	1.75	1.75	465.00	No	0.00	2.00	
993090	Northwest	I-5	182.73	Swamp Cr	Sammamish R	08.0059	Culvert	No	67	Yes	58.42	2.2	RND	CST	1.74	1.74	164.51	No	0.00	0.41	5.00
993090	Northwest	I-5	182.73	Swamp Cr	Sammamish R	08.0059	Culvert	No	67	Yes	58.42	1.2	RND	CST	1.74	1.74	165.03	No	0.00	0.48	5.00
996229	Northwest	I-5	183.33	Unnamed	Swamp Cr	08	Culvert	No	0	No		1.1	RND	PCC	0.30	0.30	144.00	No	0.17		3.00
102 N218	Northwest	I-5	186.93	Unnamed	North Cr	08.0070	Culvert	No	33	No		1.1	RND	PCC	0.75	0.75		No	0.22		
993091	Northwest	I-5	187.64	Unnamed	Silver Lk	08.0000	Culvert	No	33	No		1.1	RND	PCC	0.91	0.91	25.00	No	0.00		4.00
995262	Northwest	I-5	189.90	Unnamed	Wood Cr	07	Culvert	No	0	No		1.1	RND	PCC	0.76	0.76	324.26	No	0.07	4.00	16.00
995284	Northwest	I-5	203.22	Unnamed	WF Quilceda Cr	07.0051	Culvert	No	67	Yes		1.1	RND	CST	0.76	0.76	85.56	No	0.00	1.84	2.00
992182	Northwest	I-5	213.27	Unnamed	Unnamed To Pilchuck Cr	05.0065C	Culvert	No	0	Yes	12.24	1.1	SQSH	CST	0.70	0.45	37.21	No	0.37	3.28	1.00
992181	Northwest	I-5	213.27	Unnamed	Unnamed To Pilchuck Cr	05.0065B	Culvert	No	0	Yes	7.94	1.1	SQSH	CST	0.70	0.45	36.74	No	0.46	2.97	1.00
991979	Northwest	I-5	213.29	Unnamed	Unnamed	05.0065C	Culvert	No	0	Yes	12.24	1.1	RND	CST	0.61	0.61	62.00	No	0.15	4.50	
992175	Northwest	I-5	213.66	Unnamed	Pilchuck Cr	05.0065	Culvert	No	33	Yes	6.02	1.1	RND	PCC	0.76	0.76	36.04	No	0.21	2.57	2.00
LP66	Northwest	I-5	213.86	Unnamed	Unnamed	05	Culvert	No	33	Yes		1.1	RND	CST	0.48	0.48	11.35	No	0.00	0.44	2.00
996077	Northwest	I-5	214.38	Freedom Cr	Church Cr	05.0185	Culvert	No	0	Yes		1.1	RND	OTH	0.61	0.61	115.05	No	0.54	3.81	3.50
996074	Northwest	I-5	214.65	Unnamed	Freedom Cr	05	Culvert	No	33	No		1.1	RND	CAL	0.61	0.61	44.70	No	0.00	4.00	2.00
996071	Northwest	I-5	214.73	Unnamed	Freedom Cr	05	Culvert	No	33	Yes		1.1	RND	CAL	0.61	0.61	74.67	No	0.00	1.67	1.50
996073	Northwest	I-5	214.74	Unnamed	Freedom Cr	05	Culvert	No	33	Yes		1.1	RND	CST	0.76	0.76	47.90	No	0.00	1.52	2.00
03.0181 0.50	Northwest	I-5	219.41	Fisher Cr	Carpenter Cr	03.0181	Culvert	Yes	67	Yes		1.1	RND	SPS	2.44	2.44	127.41	Unk	0.00	2.00	
991725	Northwest	I-5	224.62	Maddox Cr	SF Skagit R	03.2966	Culvert	No	33	Yes	13.6	1.1	RND	PCC	1.52	1.52	76.81	No	0.00		1.00
995228	Northwest	I-5	235.65	Unnamed	Samish R	03	Culvert	No	0	No		1.1	RND	CST	0.91	0.91	122.00	No	1.30	5.30	6.00
995239	Northwest	I-5	241.03	Unnamed	Friday Cr	03	Other	No	0	Yes											
FR73	Northwest	I-5	243.91	Unnamed	Samish Lk	03	Culvert	No	0	Yes		1.1	RND	CST	1.37	1.37	31.20	No	0.33	9.10	4.00
990025	Northwest	I-5	244.20	Barnes Cr	Samish Lk	03.0036	Culvert	Yes	33	Yes		1.1	RND	CST	1.83	1.83	26.08	No		5.14	
FR75	Northwest	I-5	245.76	Unnamed	Lake Cr	03.0043	Culvert	No	0	Yes	20.75	1.2	RND	SPS	1.83	1.83	68.93	No	0.50	0.30	3.00
FR75	Northwest	I-5	245.76	Unnamed	Lake Cr	03.0043	Culvert	No	0	Yes	20.75	2.2	RND	SPS	1.83	1.83	69.17	No	0.50	0.20	3.00
995411	Northwest	I-5	246.75	Chuckanut Cr	Puget Sound	01.0626	Culvert	Yes	0	Yes	9.24	2.2	RND	OTH	1.42	1.61	106.31	No	0.00	3.10	8.00
995411	Northwest	I-5	246.75	Chuckanut Cr	Puget Sound	01.0626	Culvert	Yes	0	Yes	9.24	1.2	RND	OTH	1.42	1.61	106.36	No	0.00	2.90	8.00
994233	Northwest	I-5	250.55	Padden Cr	Bellingham Bay	01.0622	Culvert	No	0	Yes	31.29	1.1	BOX	CPC	1.52	1.55	131.46	No	0.13	3.72	10.00
995699	Northwest	I-5	251.36	Unnamed	Connelly Cr	01	Culvert	No	0	Unknown		1.1	RND	PCC	1.09	1.09	53.41	No	1.30	10.70	6.00
991036	Northwest	I-5	255.15	Squalicum Cr	Bellingham Bay	01.0552	Culvert	No	67	Yes	58.09	2.2	RND	CST	2.44	2.44	68.58	No	0.00	-0.89	6.00
991036	Northwest	I-5	255.15	Squalicum Cr	Bellingham Bay	01.0552	Culvert	No	67	Yes	58.09	1.2	RND	CST	2.44	2.44	68.58	No	0.00	-0.83	6.00
990022	Northwest	I-5	256.28	Baker Cr	Squalicum Cr	01.0553	Culvert	Yes	33	Yes	28.66	1.1	SQSH	SPS	3.51	2.13	122.66	No		2.03	

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995703	Northwest	I-5	259.08	Unnamed	Unnamed	01.0148	Culvert	No	33	No		1.1	RND	OTH	0.46	0.46	91.32	No	0.00	1.20	1.00
995329	Northwest	I-5	264.16	Unnamed	Lake Cr	03.0042	Culvert	No	0	Yes	12.54	1.1	BOX	CPC	1.80	1.22	61.00	No	1.05	2.30	2.00
995727	Northwest	I-5	275.53	Unnamed	Cain Cr	01	Culvert	No	67	No		1.1	RND	PCC	0.76	0.76	46.23	No	0.00	1.10	1.50
102 M048	Northwest	I-5 Service Rd	177.85	Unnamed	McAleer Cr	08.0049	Culvert	No	33	Yes	7.84	1.1	RND	CAL	0.95	0.95	50.00	No	0.90	1.10	2.00
995293	Northwest	I-5 Ext 142 SB	142.15	Unnamed	EF Hylebos Cr	10.0016	Culvert	No	33	Yes	7	1.1	RND	PCC	0.76	0.76	78.12	No	0.00	0.68	7.00
995300	Northwest	I-5 Ext 143 NB	143.00	Unnamed	Hylebos Cr	10.0013	Culvert	No	33	Yes	8.58	1.1	RND	OTH	0.76	0.76	65.74	No	0.00	1.60	10.00
995299	Northwest	I-5 Ext 143 NB	143.00	Unnamed	Hylebos Cr	10.0013	Culvert	No	67	Yes	8.58	1.1	RND	PCC	0.76	0.76	205.02	No	0.00	0.30	6.00
996076	Northwest	I-5 Ext 210 NB	210.01	Unnamed	Stillaguamish R	05	Culvert	No	0	Yes		1.1	RND	PCC	1.22	1.22	174.50	No	0.00	4.40	15.00
995242	Northwest	I-5 Ext 218 NB	218.00	Unnamed	Unnamed	03.0184	Culvert	No	33	Yes		1.1	RND	OTH	1.07	1.07	182.95	No	0.10	0.70	7.00
995246	Northwest	I-5 Ext 240 NB	240.00	Unnamed	Friday Cr	03	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	30.49	No	0.90	2.20	1.00
995245	Northwest	I-5 Ext 240 NB	240.00	Unnamed	Friday Cr	03	Culvert	No	0	Yes		1.1	RND	OTH	0.76	0.76	67.35	No	0.40	2.30	6.00
995236	Northwest	I-5 Ext 240 SB	240.00	Unnamed	Friday Cr	03	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	16.84	No	0.11	3.90	2.00
995259	Northwest	I-5 Ext 240 SB	240.00	Unnamed	Friday Cr	03	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	47.35	No	0.12	7.00	6.00
995240	Northwest	I-5 Ext 240 SB	240.00	Unnamed	Friday Cr	03	Culvert	No	0	Yes		1.1	RND	CST	1.07	1.07	43.11	No	1.35	7.70	3.50
995248	Northwest	I-5 Ext 246 NB	246.00	Unnamed	Unnamed to Lake Cr	03	Culvert	No	67	No		1.1	RND	PCC	0.76	0.76	29.55	No	0.05	1.40	2.00
995247	Northwest	I-5 Ext 246 NB	246.00	Unnamed	Unnamed to Lake Cr	03	Culvert	No	33	No		1.1	RND	PCC	0.76	0.76	21.52	No	0.00	2.70	1.00
995233	Northwest	I-5 Median	240.95	Unnamed	Friday Cr	03	Culvert	No	0	Yes		1.1	RND	CST	0.61	0.61	12.49	No	0.00	6.00	1.50
995227	Northwest	I-5 NB	234.65	Unnamed	Samish R	03	Culvert	No	0	No		1.1	RND	PCC	0.76	0.76	41.82	No	0.35	6.10	2.00
995232	Northwest	I-5 NB	240.95	Unnamed	Friday Cr	03	Culvert	No	33	Yes		1.1	RND	PCC	0.61	0.61	21.33	No	0.00	1.70	0.50
995250	Northwest	I-5 NB	243.96	Unnamed	Samish Lk	03	Culvert	No	0	Yes		1.1	RND	CST	1.45	1.45	59.25	No	0.17	4.40	5.00
995705	Northwest	I-5 NB ext 252	0.19	Unnamed	Connelly Cr	01	Culvert	No	0	No		1.1	RND	OTH	0.61	0.61	97.40	No	0.00	11.20	
992978	Northwest	I-5 NB Ext 256	0.01	Baker Cr	Squalicum Cr	01.0553	Culvert	Yes	67	Yes		1.1	BOX	CPC				No			
992003	Northwest	I-5 NB on ramp	256.00	Baker Cr	Squalicum Cr	01.0553	Culvert	No	67	Yes	25.69	1.1	SQSH	CST	2.87	2.01	28.25	No	0.07	1.60	1.00
995295	Northwest	I-5 NB ROW	141.17	Unnamed	EF Hylebos Cr	10.0016	Culvert	No	67	Yes	9.2	1.1	RND	PCC	0.61	0.61	16.48	No	0.00	1.30	2.00
102 M046	Northwest	I-5 off Ext 177	177.85	McAleer Cr	Lk Washington	08.0049	Culvert	No	67	Yes	61.99	1.1	RND	CST	1.68	1.68	84.24	Yes	0.00	0.94	10.00
995297	Northwest	I-5 On Ext 142 SB	142.00	Unnamed	EF Hylebos Cr	10.0016	Culvert	No	0	Yes	10.55	1.1	RND	PCC	0.76	0.76	145.63	No	0.05	6.00	8.00
994561	Northwest	I-5 ROW	174.85	Thornton Cr	Lk Washington	08.0030	Dam	No	0	Yes	23.76										
995234	Northwest	I-5 SB	240.95	Unnamed	Friday Cr	03	Culvert	No	33	Yes		1.1	RND	PCC	0.61	0.61	20.82	No	0.00	1.40	0.50
995238	Northwest	I-5 SB	241.03	Unnamed	Friday Cr	03	Culvert	No	33	Yes		1.1	RND	PCC	1.07	1.07	31.92	No	0.00	0.20	1.00
994501	Northwest	I-5 SB	244.20	Barnes Cr	Samish Lk	03.0036	Culvert	No	33	Yes	10.01	1.1	RND	PVC	1.52	1.52	24.48	No	0.00	6.25	1.00
995256	Northwest	I-5 SB ext 246	0.19	Unnamed	Unnamed	03	Culvert	No	0	Yes		1.1	BOX	CPC	2.46	1.21	48.77	No	0.46	3.75	6.00
995255	Northwest	I-5 SB ext 246	0.19	Unnamed	Lake Cr	03.0042	Culvert	No	0	Yes	14.83	1.1	BOX	CPC	1.56	1.22	16.64	No	0.47	3.60	3.00
995235	Northwest	I-5 SB ROW	240.95	Unnamed	Friday Cr	03	Culvert	No	0	Yes		1.1	RND	CST	0.61	0.61	49.78	No	0.36	12.20	6.00
CR122	Northwest	I-5/Henson Rd	225.24	Martha Washin	Maddox Cr	03.2970	Culvert	No	33	Yes	9.82	1.1	RND	CST	0.91	0.91	124.00	Unk	0.00		5.00
996478	Northwest	I-90	12.75	Unnamed	Lk Sammamish	08	Culvert	No	0	Unknown		1.1	RND	CST	1.07	1.07		No	2.00		15.00
996479	Northwest	I-90	12.93	Unnamed	Lk Sammamish	08	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61		No	0.00		8.00
996480	Northwest	I-90	13.01	Unnamed	Lk Sammamish	08	Culvert	No	0	Unknown		1.1	RND	PCC	0.76	0.76	89.78	No	0.00	8.50	3.00
992798	Northwest	I-90	13.83	Lewis Cr	Lk Sammamish	08.0162	Culvert	No	0	Yes	30.43	1.1	OTH	PCC	1.52	1.52	313.34	Unk	0.00	4.60	7.00
994415	Northwest	I-90	14.71	Unnamed	Lk Sammamish	08	Culvert	No	0	Yes		1.1	RND	OTH	1.07	1.07	153.00	No	0.12	10.00	6.00
996472	Northwest	I-90	15.92	Unnamed	Unnamed	08	Culvert	No	67	Yes		1.3	RND	PCC	1.07	1.07	84.05	No	0.00	0.60	1.00
996472	Northwest	I-90	15.92	Unnamed	Unnamed	08	Culvert	No	67	Yes		2.3	RND	PCC	1.07	1.07	83.75	No	0.00	1.03	1.00
996472	Northwest	I-90	15.92	Unnamed	Unnamed	08	Culvert	No	67	Yes		3.3	RND	PCC	1.07	1.07	83.82	No	0.00	1.08	1.00
996475	Northwest	I-90	17.00	NF Issaquah Cr	Issaqhah Cr	08.0181	Culvert	No	33	Unknown		1.2	RND	CST	0.91	0.91	37.70	No	0.00	4.85	2.50
996475	Northwest	I-90	17.00	NF Issaquah Cr	Issaqhah Cr	08.0181	Culvert	No	33	Unknown		2.2	RND	CST	0.91	0.91	37.61	No	0.00	4.81	2.50
08.0183 1.60	Northwest	I-90	18.83	EF Issaquah Cr	Issaquah Cr	08.0183	Culvert	Yes	33	Yes	0	1.1	ARCH	SPS				Unk			
994410	Northwest	I-90	23.13	Soderman Cr	Raging R	07.0390	Culvert	No	33	Yes	13.82	1.1	RND	CST	2.13	2.13	134.48	No	0.11	4.20	5.00

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994864	Northwest	I-90	26.90	Unnamed	Good Cr	07	Culvert	No	0	No		1.1	RND	CST	0.91	0.91	159.98	No	0.48	12.00	25.00
994865	Northwest	I-90	26.99	Good Cr	SF Snoqualmie R	07.0456	Culvert	No	0	No		1.1	RND	OTH	1.45	1.45		No	0.52		20.00
994866	Northwest	I-90	28.32	Unnamed	Kimball Cr	07	Culvert	No	0	Yes	1.8	1.1	RND	PCC	0.76	0.76	125.00	No	0.62	13.00	20.00
994937	Northwest	I-90	28.85	Unnamed	Unnamed	07	Culvert	No	0	No		1.1	RND	CST	0.61	0.61	97.71	No	1.10	12.50	13.00
994929	Northwest	I-90	29.74	Unnamed	Kimball Cr	07.0454	Culvert	No	0	No		1.1	RND	CST	0.61	0.61	100.80	No	1.40	3.50	5.00
994877	Northwest	I-90	30.45	Unnamed	SF Snoqualmie R	07.0469C	Culvert	No	0	Yes	3.17	1.1	RND	CST	1.68	1.68	176.81	No	0.00	5.00	10.50
994882	Northwest	I-90	38.19	Unnamed	SF Snoqualmie R	07	Culvert	No	0	Yes	2.07	1.1	RND	CST	0.91	0.91	136.06	No	0.00	7.30	7.00
990575	Northwest	I-90	38.67	Unnamed	SF Snoqualmie R	07.0492	Culvert	No	33	Yes	3.11	1.1	ELL	SPS	2.10	2.28	172.37	No	0.00	3.85	
990072	Northwest	I-90	38.83	Unnamed	SF Snoqualmie R	07.0493	Culvert	No	0	Yes	2.98	1.1	RND	SPS	1.52	1.52	172.37	No	0.69	3.85	
990265	Northwest	I-90	42.18	Mason Cr	Snoqualmie R	07.0499	Culvert	No	0	Yes	2.36	1.1	SQSH	SPS	2.25	1.79	118.90	No	0.49	3.10	4.00
994887	Northwest	I-90	43.12	Unnamed	SF Snoqualmie R	07	Culvert	No	33	Yes	1.97	1.1	RND	CST	1.22	1.22	97.34	No	0.00	2.13	2.50
994891	Northwest	I-90	43.42	Unnamed	SF Snoqualmie R	07	Culvert	No	0	Yes		1.1	RND	PCC	0.76	0.76	61.10	No	1.00	4.60	3.00
994894	Northwest	I-90	45.00	Unnamed	SF Snoqualmie R	07	Culvert	No	0	No		1.1	RND	PCC	0.91	0.91	72.37	No	0.26	4.00	2.00
992931	Northwest	I-90	48.09	Humpback Cr	SF Snoqualmie R	07.0512	Culvert	No	0	Yes	5.67	1.2	BOX	CPC	3.38	2.49	61.85	No	0.54	7.60	3.00
992931	Northwest	I-90	48.09	Humpback Cr	SF Snoqualmie R	07.0512	Culvert	No	0	Yes	5.67	2.2	BOX	CPC	3.38	2.49	61.80	No	0.54	7.70	3.00
992933	Northwest	I-90	48.66	Unnamed	SF Snoqualmie R	07	Culvert	No	0	No		2.2	BOX	CPC	3.15	2.45	31.40	No	0.24	2.26	1.50
992933	Northwest	I-90	48.66	Unnamed	SF Snoqualmie R	07	Culvert	No	0	No		1.2	BOX	CPC	3.15	2.45	31.40	No	0.24	2.26	1.50
994907	Northwest	I-90	52.12	Unnamed	SF Snoqualmie R	07	Culvert	No	33	No		1.1	RND	CAL	1.66	1.66	113.95	No	0.31	3.50	2.00
994914	Northwest	I-90 On Ext 47 EB	0.08	Unnamed	SF Snoqualmie R	07	Culvert	No	0	Yes	2.2	1.1	RND	SPS	1.89	1.89	26.15	No	5.00	3.80	2.00
994868	Northwest	I-90 EB	28.52	Unnamed	Kimball Cr	07.0461	Culvert	No	0	Yes	2.55	1.1	RND	CAL	0.61	0.61	44.84	No	0.59	0.60	4.00
990424	Northwest	I-90 EB	46.24	Talapus Cr	SF Snoqualmie R	07.0508	Culvert	No	0	Yes	3.45	1.2	BOX	PCC	3.06	1.87	35.75	No	0.00	8.00	3.00
990424	Northwest	I-90 EB	46.24	Talapus Cr	SF Snoqualmie R	07.0508	Culvert	No	0	Yes	3.45	2.2	BOX	PCC	1.98	3.05	24.99	Unk		5.00	3.00
994899	Northwest	I-90 EB	46.30	Talapus Cr	SF Snoqualmie R	07.0508	Culvert	No	33	Yes	3.12	2.2	BOX	CPC	3.05	1.84	30.59	No	0.00	5.00	2.00
994899	Northwest	I-90 EB	46.30	Talapus Cr	SF Snoqualmie R	07.0508	Culvert	No	33	Yes	3.12	1.2	BOX	CPC	3.04	1.84	29.30	No	0.00	5.00	2.00
990865	Northwest	I-90 Ext 45 EB off ramp	0.23	Unnamed	SF Snoqualmie R	07	Culvert	No	0	No		1.1	RND	CST	1.52	1.52	85.34	No	0.00	1.00	
994912	Northwest	I-90 EXT42 E/B on ramp	0.02	Unnamed	SF Snoqualmie R	07	Culvert	No	0	Yes	2.3	1.1	RND	CST	1.22	1.22	216.00	No	0.00		4.00
994911	Northwest	I-90 Off Exit 27 E/B	0.15	Unnamed	Coal Cr	07	Culvert	No	0	No		1.1	RND	CST	0.76	0.76	175.00	No	0.26		20.00
994985	Northwest	I-90 OFF EXT 31 WB	0.13	Unnamed	SF Snoqualmie R	07.0469	Culvert	No	33	Yes	3.28	1.1	BOX	CPC	1.85	1.22	123.73	No	0.00	0.60	3.00
992941	Northwest	I-90 Off Ext 47 WB	0.17	Unnamed	SF Snoqualmie R	07	Culvert	No	0	Yes	2.01	1.1	RND	CST	1.89	1.89	50.60	No	0.09	2.50	4.50
994927	Northwest	I-90 On Ext 42 WB	0.07	Mason Cr	SF Snoqualmie R	07.0499	Culvert	No	33	Yes	2.01	1.1	RND	CST	1.87	1.87	41.51	No	0.00	5.30	2.00
994994	Northwest	I-90 ROW	47.35	Unnamed	SF Snoqualmie R	07	Culvert	No	33	No											
994984	Northwest	I-90 WB	24.85	Unnamed	Lake Cr	07	Culvert	No	0	Yes		1.1	RND	CPC	1.33	1.33	225.00	No	1.45		40.00
994938	Northwest	I-90 WB	28.56	Unnamed	Kimball Cr	07.0461	Culvert	No	0	Yes	2.64	1.1	RND	CAL	0.91	0.91	69.36	No	0.62	14.00	10.00
994919	Northwest	I-90 WB	47.35	Unnamed	SF Snoqualmie R	07	Culvert	No	0	No		1.1	RND	CST	1.52	1.52	105.51	No	1.65	6.30	4.00
994995	Northwest	Pratt Lk Stock Yard	0.99	Unnamed	SF Snoqualmie R	07	Culvert	No	0	No		1.1	RND	CST	0.76	0.76	114.16	No	1.60	6.60	5.00
990111	Northwest	SR 104	25.70	Willow Cr	Puget Sound	08.0011	Culvert	No	0	Yes	8.36	1.1	BOX	PCC	1.83	0.91	152.40	No	0.60	2.50	2.00
996208	Northwest	SR 104	29.33	Unnamed	Ballinger Lk	08	Culvert	No	0	No		1.1	RND	OTH	0.46	0.46	61.74	No	0.00	1.10	2.50
990653	Northwest	SR 104	30.67	Unnamed	Lyon Cr	08.0053	Culvert	No	33	Yes	11.38	1.1	RND	CST	0.76	0.76	16.99	No	0.17	2.90	1.50
990654	Northwest	SR 104	31.08	Unnamed	Lyon Cr	08.0053	Culvert	No	33	Yes		1.1	RND	PCC	0.91	0.91	20.03	No	0.00	1.80	1.00
990253	Northwest	SR 104	31.30	Lyon Cr	Lk Washington	08.0052	Culvert	No	33	Yes	18.56	1.1	BOX	PCC	1.37	1.83	59.44	Unk	0.00	1.00	
991623	Northwest	SR 104	31.73	Unnamed	Lyon Cr	08	Culvert	No	33	Yes		1.1	RND	CAL	0.76	0.76	20.00	No	0.00	3.70	0.50
995312	Northwest	SR 11	14.24	Unnamed	Samish Bay	01	Culvert	No	0	No		1.1	BOX	CPC	0.90	0.94	20.94	No	3.00	9.60	3.00
995313	Northwest	SR 11	15.45	Unnamed	Pleasant Bay	01.0634	Culvert	No	0	Yes		1.1	OTH	OTH	0.76	0.76	103.73	No	1.78	0.07	20.00
995314	Northwest	SR 11	15.93	Unnamed	Chuckanut Bay	01.0633	Culvert	No	0	Yes		1.1	RND	SST	1.22	1.22	38.91	No	0.00	12.00	9.00
995796	Northwest	SR 11	18.47	Unnamed	Chuckanut Cr	01	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61		No	0.37		3.00
990581	Northwest	SR 11	18.65	Unnamed	Chuckanut Cr	01.0627	Culvert	No	0	Yes	12.35	1.1	RND	PCC	0.61	0.61	50.17	No	0.63	2.90	11.00

Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope	Road Fill Depth (m)
994389	Northwest	SR 11	20.25	Padden Cr	Bellingham Bay	01.0622	Culvert	No	0	Yes		1.1	RND	CPC	1.52	1.52	704.00	No	0.00		
994386	Northwest	SR 11	21.08	Padden Cr	Bellingham Bay	01.0622	Culvert	No	33	Yes		1.2	BOX	CPC	1.50	0.95	24.57	Yes	0.00	2.10	1.00
994386	Northwest	SR 11	21.08	Padden Cr	Bellingham Bay	01.0622	Culvert	No	33	Yes		2.2	BOX	CPC	1.50	0.95	24.51	No	0.00	2.20	1.00
992062	Northwest	SR 161	34.39	Hylebos Cr	Puget Sound	10.0006	Culvert	No	0	Yes		1.1	RND	PCC	0.46	0.46	33.14	No	1.60	0.57	3.00
992064	Northwest	SR 161	34.92	Unnamed	EF Hylebos Cr	10	Culvert	No	0	Yes		1.1	RND	CST	0.75	0.75		No	0.55		8.00
992360	Northwest	SR 164	5.89	Unnamed	White R	10	Culvert	No	67	Unknown		1.1	BOX	CPC	1.83	1.24	15.51	No	0.00	0.70	
996279	Northwest	SR 164	7.01	Unnamed	White R	10	Culvert	No	33	No		1.1	RND	PCC	0.61	0.61	27.83	No	0.00	0.80	2.00
991213	Northwest	SR 164	9.06	Second Cr	White R	10.0050	Culvert	No	0	Yes	11.1	1.1	RND	PCC	1.22	1.22	36.58	Unk	1.16	2.00	
991837	Northwest	SR 164	10.21	Unnamed	Unnamed	10	Culvert	No	67	Yes		1.1	RND	CST	0.91	0.91	32.00	No	0.00	1.90	1.00
996281	Northwest	SR 164	10.65	Unnamed	Unnamed	10	Culvert	No	67	No		1.1	RND	PCC	0.46	0.46	12.17	No	0.00	1.50	1.50
991839	Northwest	SR 164	13.33	Unnamed	Newaukum Cr	09	Culvert	No	0	Yes		1.1	RND	OTH	1.22	1.22	45.79	No	0.58	3.01	5.00
996308	Northwest	SR 164 ROW	7.00	Unnamed	White R	10	Culvert	No	67	No		1.1	RND	PVC	0.46	0.46	5.82	No	0.00	2.00	0.50
990394	Northwest	SR 167	21.64	Spring Brook Cr	Black R	09.0005	Culvert	No	67	Yes		1.1	RND	PCC	0.91	0.91	52.13	Yes	0.00	0.54	3.50
991681	Northwest	SR 167	23.94	Unnamed	Springbrook Cr	09	Culvert	No	67	Yes		1.1	RND	CST	0.61	0.61	50.11	No	0.00	0.20	1.00
991200	Northwest	SR 167	24.16	Unnamed	Spring Brook Cr	09	Culvert	No	67	No		1.1	RND	CST	0.76	0.76	51.40	No	0.00	1.70	2.00
995467	Northwest	SR 167	24.72	Unnamed	Springbrook Cr	09	Culvert	No	33	Yes		1.1	RND	CST	0.61	0.61	47.76	No	0.00	0.80	1.00
995468	Northwest	SR 167	24.81	Unnamed	Springbrook Cr	09.0006	Culvert	No	33	No		1.1	RND	CST	0.83	0.83	47.05	No	0.05	1.80	
991486	Northwest	SR 167	25.65	Unnamed	Springbrook Cr	09.0006	Culvert	Yes	67	Yes		1.1	RND	SST	1.83	1.83		No	0.00		
997637	Northwest	SR 169	4.77	Unnamed	Green R	09	Culvert	No	0	Yes		1.1	RND	PCC	0.46	0.46	32.88	No	0.45	10.30	8.00
997691	Northwest	SR 169	7.15	Unnamed	Jones Lk	09	Culvert	No	33	Yes		1.1	RND	OTH	0.46	0.46	27.90	No	0.00	1.50	3.00
997692	Northwest	SR 169	7.25	Unnamed	Rock Cr	09	Culvert	No	33	Yes		1.1	RND	PCC	0.91	0.91	33.24	No	0.10	4.40	7.00
997693	Northwest	SR 169	8.27	Unnamed	Unnamed	09	Culvert	No	33	Yes		2.2	RND	PCC	0.61	0.61	22.50	No	0.00	3.70	1.00
997693	Northwest	SR 169	8.27	Unnamed	Unnamed	09	Culvert	No	33	Yes		1.2	RND	CST	0.61	0.61	23.30	No	0.00	4.70	1.00
997694	Northwest	SR 169	8.29	Unnamed	Rock Cr	09	Culvert	No	33	Yes		1.1	RND	PCC	0.91	0.91	71.58	No	0.00	1.10	4.00
996492	Northwest	SR 169	17.92	Unammed	Cedar R	08	Culvert	No	33	Yes		1.1	RND	PCC	0.46	0.46	57.32	No	0.00	1.43	
996493	Northwest	SR 169	18.06	Unnamed	Cedar Cr	08	Culvert	No	0	Unknown		1.1	RND	PCC	0.46	0.46	14.11	No	0.00	2.94	0.50
996494	Northwest	SR 169	18.48	Unnamed	Cedar R	08	Culvert	No	33	Yes		1.1	RND	PCC	0.46	0.46	17.71	No	0.00	1.41	0.50
996496	Northwest	SR 169	18.77	Unnamed	Cedar R	08	Culvert	No	0	No		1.1	RND	OTH	0.46	0.46	26.50	No	0.07	2.40	3.00
990257	Northwest	SR 169	22.34	Madsen Cr	Cedar R	08.0305	Culvert	No	67	Yes		1.1	BOX	PCC	1.80	1.00	40.60	No	0.00	1.18	0.25
996514	Northwest	SR 169 ROW	18.06	Unnamed	Cedar R	08	Culvert	No	0	Yes		1.1	RND	CST	0.46	0.46	12.48	No	0.42	6.49	0.25
996277	Northwest	SR 18	0.29	Unnamed	Unnamed	10	Culvert	Yes	67	Yes		1.2	RND	CST	0.91	0.91	101.98	No		0.30	
996277	Northwest	SR 18	0.29	Unnamed	Unnamed	10	Culvert	Yes	67	Yes		2.2	RND	CST	1.07	1.07	101.40	No		0.30	
995298	Northwest	SR 18	0.45	Unnamed	EF Hylebos Cr	10.0016	Culvert	No	33	Yes	7.28	2.2	RND	PCC	0.46	0.46	70.15	No	0.00	2.20	3.00
995298	Northwest	SR 18	0.45	Unnamed	EF Hylebos Cr	10.0016	Culvert	No	33	Yes	7.28	1.2	RND	PCC	0.76	0.76	69.05	No	0.00	2.20	3.00
997660	Northwest	SR 18	7.51	Unnamed	Big Soos Cr	09	Culvert	No	0	Yes		1.1	RND	SPS	1.52	1.52	105.87	No	1.00	13.20	32.00
997661	Northwest	SR 18	8.00	Unnamed	Soosette Cr	09	Culvert	No	0	Yes		1.1	RND	SPS	1.52	1.52	152.44	No	1.65	6.80	27.00
990390	Northwest	SR 18	8.90	Soosette Cr	Soos Cr	09.0073	Fishway	Yes	67	Yes	22.76										
997669	Northwest	SR 18	15.14	Unnamed	Unnamed	09	Culvert	No	0	Yes		1.1	RND	PCC	0.91	0.91	87.70	No	0.00	5.20	9.00
991576	Northwest	SR 18	18.19	Taylor Cr	Downs Cr	08.0326	Culvert	No	67	Yes	20.54	1.1	RND	PCC	1.52	1.52	29.49	No	0.00	0.20	1.50
995474	Northwest	SR 18	21.15	Unnamed	Holder Cr	08	Culvert	No	0	Yes		1.1	ELL	CST	1.16	1.27	128.00	No	0.55		10.00
990173	Northwest	SR 18	22.16	Holder Cr	Sammamish Lk	08.0178	Culvert	Yes	0	Yes	15.93	1.1	BOX	CPC	3.05	3.35	66.45	No		7.00	
995970	Northwest	SR 18	22.58	Unnamed	Holder Cr	08	Culvert	No	0	No		1.1	RND	CST	1.22	1.22	44.36	No	0.80	11.40	3.00
995971	Northwest	SR 18	22.82	Unnamed	Holder Cr	08.0220	Culvert	No	33	Yes		2.2	ELL	CST	1.64	1.37	78.88	No	0.00	3.40	5.00
995971	Northwest	SR 18	22.82	Unnamed	Holder Cr	08.0220	Culvert	No	33	Yes		1.2	ELL	CST	1.64	1.37	76.00	No	0.19	3.50	5.00
995972	Northwest	SR 18	22.98	Unnamed	Holder Cr	08.0220	Culvert	No	33	Yes		1.1	RND	CST	1.65	1.65	37.46	No	0.34	1.97	3.00
995974	Northwest	SR 18	23.55	Unnamed	Holder Cr	08	Culvert	No	0	No		1.1	RND	CST	0.91	0.91	43.33	No	0.22	1.27	

Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope	Road Fill Depth (m)
07.0396 0.80	Northwest	SR 18	25.67	Deep Cr	Raging R	07.0396	Culvert	Yes	33	Yes	15.93	1.1	RND	CST	3.66	3.66	80.46	Unk		2.00	
990236	Northwest	SR 18	27.64	Lake Cr	Raging R	07.0393	Culvert	No	33	Yes	20.65	2.2	RND	PCC	1.07	1.07	24.54	No	0.00	0.40	1.00
990236	Northwest	SR 18	27.64	Lake Cr	Raging R	07.0393	Culvert	No	33	Yes	20.65	1.2	RND	PCC	1.07	1.07	24.46	No	0.00	1.14	1.00
995978	Northwest	SR 20	12.96	Crocket LK	Puget Sound	06.0053	Culvert	No	0	Yes		2.2	RND	PCC	0.91	0.91		Unk			
995978	Northwest	SR 20	12.96	Crocket LK	Puget Sound	06.0053	Culvert	No	0	Yes		1.2	RND	PCC	0.91	0.91		No			
FD41	Northwest	SR 20	44.74	Unnamed	Skagit Bay	03	Culvert	No	67	Yes	28.68	1.1	RND	PCC	1.22	1.22	37.39	No	0.00	1.30	4.00
996320	Northwest	SR 20	46.10	Unnamed	Campbell Lk	03	Culvert	No	0	Yes	10.24	1.1	RND	PCC	0.46	0.46	35.75	No	0.00	1.03	2.00
FD37	Northwest	SR 20	50.65	Fornsby Sl	Swinomish Ch	03.0153	Road Fill	No	Unknown	Unknown											
PA106	Northwest	SR 20	52.34	Unnamed	Padilla Bay	03.0116	Road Fill	No	Unknown	Unknown											
PA107	Northwest	SR 20	52.60	Telegraph Sl	Padilla Bay	03.0118	Road Fill	No	0	Unknown											
995432	Northwest	SR 20	53.90	Unnamed	Indian Sl	03.0108	Culvert	No	33	Yes		2.2	RND	CST	0.91	0.91	85.58	Unk	0.00	-0.50	2.00
995432	Northwest	SR 20	53.90	Unnamed	Indian Sl	03.0108	Culvert	No	33	Yes		1.2	RND	CST	0.91	0.91	86.09	Unk	0.00	-0.50	2.00
991142	Northwest	SR 20	69.08	Unnamed	Coal Cr	03	Culvert	No	67	Yes		1.1	RND	PCC	0.46	0.46	15.36	Yes	0.00	1.30	0.30
995438	Northwest	SR 20	77.75	Unnamed	Unnamed	03	Culvert	No	67	No		1.1	RND	CST	0.61	0.61	30.18	No	0.00	1.25	3.00
991149	Northwest	SR 20	80.20	Unnamed	Skagit R	03	Culvert	No	33	Yes		1.1	RND	PCC	0.46	0.46	13.57	Yes	0.00	0.70	1.00
997394	Northwest	SR 20	85.39	Unnamed	Skagit R	04	Culvert	No	33	No		1.1	RND	PCC	0.61	0.61	23.54	No	0.00	3.60	3.50
991445	Northwest	SR 20	85.63	Unnamed	Skagit R	04.0434	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	20.54	No	0.10	1.10	0.70
997397	Northwest	SR 20	86.59	Unnamed	Skagit R	04	Culvert	No	0	Yes		1.1	RND	CST	0.76	0.76	18.61	No	1.15	3.50	1.50
GR54	Northwest	SR 20	87.01	Unnamed	Skagit R	04.0176X	Culvert	No	67	Yes		1.1	RND	PCC	0.61	0.61	25.97	No	0.00	0.60	4.00
991151	Northwest	SR 20	87.31	Eagle Cr	Skagit R	04	Culvert	No	33	Yes		1.1	SQSH	CST	1.55	1.08	24.50	No	0.00	3.80	1.40
GR23	Northwest	SR 20	88.82	Unnamed	Skagit R	04	Culvert	No	33	Yes		1.1	RND	PCC	0.61	0.61	30.23	No	0.10	1.60	6.00
991132	Northwest	SR 20	89.90	Unnamed	Skagit R	03	Culvert	No	0	Unknown		1.1	RND	CST	0.91	0.91	45.72	Unk	5.49	8.00	
997401	Northwest	SR 20	90.63	Unnamed	Unnamed	04	Culvert	No	0	No		1.1	RND	PCC	0.76	0.76	32.86	No	0.00	22.50	9.00
JK2	Northwest	SR 20	91.30	Unnamed	Skagit R	04.0176X	Culvert	No	0	Yes		1.1	RND	OTH	0.61	0.61	94.50	No	0.00	3.30	1.00
991706	Northwest	SR 20	93.00	Unnamed	Skagit R	04.0647	Culvert	No	0	No		1.1	RND	CST	0.61	0.61	44.88	No	7.00	4.68	3.00
991707	Northwest	SR 20	93.21	Unnamed	Skagit R	04	Culvert	No	0	No		1.1	RND	CPC	1.76	1.76	34.82	No	0.32	10.63	9.00
994276	Northwest	SR 20	93.29	Unnamed	Skagit R	04	Culvert	No	0	No		1.1	RND	CST	1.21	1.21	50.03	No	1.53	6.70	9.00
991709	Northwest	SR 20	93.70	Unnamed	Skagit R	04	Culvert	No	0	No		1.1	RND	CST	1.87	1.87	48.98	Unk	0.10	12.11	
991710	Northwest	SR 20	93.84	Unnamed	Skagit R	04.0649	Culvert	No	67	Yes	5.78	2.2	RND	CST	0.61	0.61	16.47	Yes		1.80	1.50
991710	Northwest	SR 20	93.84	Unnamed	Skagit R	04.0649	Culvert	No	67	Yes	5.78	1.2	RND	PCC	0.61	0.61	16.51	No	0.09	1.39	1.50
991711	Northwest	SR 20	94.10	Unnamed	Skagit R	04.0650	Culvert	No	33	Yes		2.2	BOX	PCC	1.52	0.91	25.46	No	0.46	5.20	1.50
991711	Northwest	SR 20	94.10	Unnamed	Skagit R	04.0650	Culvert	No	33	Yes		1.2	BOX	PCC	1.52	0.91	25.46	No	0.46	5.20	1.50
994308	Northwest	SR 20	94.47	Unnamed	Skagit R	04.0654	Culvert	No	0	Yes	8.33	1.1	RND	CST	0.76	0.76	36.82	No	0.25	8.50	3.00
991125	Northwest	SR 20	94.68	Unnamed	Skagit R	04.0655	Culvert	No	0	No		1.1	RND	CST	1.83	1.83	59.15	No	0.02	12.70	5.00
991126	Northwest	SR 20	94.82	Unnamed	Skagit R	04.0657	Culvert	No	0	Yes	4.64	1.1	RND	CST	1.83	1.83	92.26	No	0.26	10.90	7.00
994225	Northwest	SR 20	96.12	Unnamed	Skagit R	04.0671	Culvert	No	67	Yes	1.68	1.1	RND	PCC	0.46	0.46	15.02	Yes	0.00	0.76	0.50
991127	Northwest	SR 20	96.23	Unnamed	Skagit R	04.0672	Culvert	No	0	Yes	4.8	1.1	RND	PCC	0.91	0.91	24.02	No	0.18	3.08	4.00
997404	Northwest	SR 20	97.62	Unnamed	Skagit R	04	Culvert	No	0	No		1.1	RND	OTH	0.46	0.46	82.69	No	0.20	8.90	9.00
990410	Northwest	SR 20	99.95	Sutter Cr	Skagit R	04.1345	Culvert	No	0	Yes	7.42	1.1	RND	PCC	1.52	1.52	23.77	No	1.58	2.00	3.00
995097	Northwest	SR 20	105.34	Unnamed	Skagit	04	Culvert	No	33	No		1.2	RND	CST	1.22	1.22	25.41	No	0.09	2.60	3.00
995097	Northwest	SR 20	105.34	Unnamed	Skagit	04	Culvert	No	33	No		2.2	RND	CST	0.91	0.91	17.85	No	0.13	3.90	3.00
CD18	Northwest	SR 20	105.42	Backus Cr	Skagit R	04.1407	Culvert	No	67	Yes		1.1	SQSH	SPS	3.87	2.52	20.98	No	0.00	3.00	2.00
991130	Northwest	SR 20	112.54	Unnamed	Skagit R	04	Culvert	No	0	No		1.1	RND	CST	1.22	1.22	18.78	No	0.20	8.80	3.00
991131	Northwest	SR 20	112.90	Unnamed	Skagit R	04	Culvert	No	0	Yes		1.1	SQSH	CST	1.53	1.07	13.59	No	0.43	1.60	1.00
994946	Northwest	SR 20	114.14	Unnamed	Skagit R	04	Culvert	No	0	No		1.1	RND	CST	1.22	1.22	15.60	No	2.10	7.10	1.00
994947	Northwest	SR 20	114.71	Unnamed	Skagit R	04	Culvert	No	0	No		1.1	RND	CST	0.91	0.91	17.29	No	0.75	2.10	1.00

Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope	Road Fill Depth (m)
DM7	Northwest	SR 20	116.25	Unnamed	Skagit R	04	Culvert	No	0	Yes		1.1	RND	CST	0.91	0.91	27.87	No	0.60	0.00	2.50
DM5	Northwest	SR 20	117.61	Unnamed	Newhalem Ponds	04	Culvert	No	33	Yes		2.2	RND	CST	0.91	0.91	19.15	No	0.42	1.70	2.00
DM5	Northwest	SR 20	117.61	Unnamed	Newhalem Ponds	04	Culvert	No	33	Yes		1.2	RND	CST	1.07	1.07	19.83	No	0.00	5.00	2.00
991452	Northwest	SR 20	118.41	Babcock Cr	Skagit R	04.1862	Culvert	No	67	Unknown		1.1	RND	OTH	0.61	0.61	15.00	No	0.00	1.50	2.00
997031	Northwest	SR 20	126.44	Unnamed	Diablo Lk	04	Culvert	No	67	No		1.2	RND	PVC	0.61	0.61	18.97	No	0.10	4.00	1.00
997031	Northwest	SR 20	126.44	Unnamed	Diablo Lk	04	Culvert	No	67	No		2.2	RND	PVC	0.61	0.61	18.98	No	0.10	5.00	1.00
997588	Northwest	SR 20	129.63	Unnamed	Diablo Lk	04	Culvert	No	67	Yes		1.1	RND	PCC	0.91	0.91	20.96	No	0.00	1.00	1.50
997409	Northwest	SR 20	134.25	Happy Cr	Ross Lk	04.2195	Culvert	No	0	No		1.1	RND	SPS	1.91	1.91	42.18	No	0.90	2.63	7.00
997420	Northwest	SR 20	139.17	Unnamed	Ruby Cr	04	Culvert	No	0	No		1.1	RND	CST	0.91	0.91	28.72	No	0.22	16.16	5.00
997422	Northwest	SR 20	139.75	Unnamed	Ruby Cr	04.2308	Culvert	No	0	No		1.1	RND	CST	1.83	1.83	33.90	No	0.42	25.37	10.00
997425	Northwest	SR 20	141.48	Unnamed	Granite Cr	04.2314	Culvert	No	0	No		1.1	RND	SPS	1.52	1.52	30.18	No	1.65	5.80	2.50
997426	Northwest	SR 20	143.13	Beebe Cr	Granite Cr	04.2322	Culvert	No	0	No		1.1	RND	SPS	1.45	1.45	47.57	No	3.00	18.60	10.00
997427	Northwest	SR 20	144.51	Unnamed	Granite Cr	04.2330	Culvert	No	0	No		2.2	RND	CST	1.83	1.83	24.72	No	0.25	7.80	2.00
997427	Northwest	SR 20	144.51	Unnamed	Granite Cr	04.2330	Culvert	No	0	No		1.2	RND	CST	1.83	1.83	24.79	No	1.20	9.50	2.00
997429	Northwest	SR 20	145.45	County Line Cr	Granite Cr	04.2363	Culvert	No	0	No		1.1	RND	CST	1.45	1.45	29.46	No	0.70	10.62	3.50
997435	Northwest	SR 20	147.07	Cabinet Cr	Granite Cr	04.2376	Culvert	No	0	Yes		1.1	ELL	CST	1.95	2.21	63.11	No	1.80	8.14	4.00
995427	Northwest	SR 20 Spur	49.07	Unnamed	Fidalgo Bay	03	Culvert	No	0	No		1.1	RND	CST	0.91	0.91	89.96	No	0.00	6.90	15.00
995430	Northwest	SR 20 Spur	50.48	Unnamed	Fidalgo Bay	03	Culvert	No	0	Yes		1.1	RND	OTH	0.91	0.91	97.70	No	0.00	5.90	5.00
102 L062	Northwest	SR 202	0.10	Little Bear Cr	Sammamish R	08.0080	Culvert	No	67	Yes		1.1	BOX	PCC	3.05	1.83	43.59	No	0.00	0.06	8.00
996917	Northwest	SR 202	0.97	Unnamed	Sammamish R	08	Culvert	No	67	No		1.1	RND	OTH	0.61	0.61	24.21	No	0.00	1.20	1.00
996921	Northwest	SR 202	4.17	Unnamed	Sammamish R	08	Culvert	No	67	Yes		1.1	RND	CAL	0.84	0.84	16.77	No	0.00	2.80	1.00
996925	Northwest	SR 202	4.25	Unnamed	Sammamish R	08	Culvert	No	33	Yes		1.1	RND	PCC	0.91	0.91	55.24	No	0.00	3.30	2.00
991181	Northwest	SR 202	5.27	Unnamed	Sammamish R	08.0101	Culvert	No	0	No		1.1	RND	OTH	1.22	1.22	58.87	No	3.40	11.55	13.00
990325	Northwest	SR 202	13.22	Patterson Cr	Snoqualmie R	07.0376	Culvert	No	67	Yes		1.1	BOX	CPC	1.53	0.91	11.10	No	0.00	-0.50	1.00
995194	Northwest	SR 202	16.79	Unnamed	Patterson Cr	07	Culvert	No	67	Yes		1.1	RND	PCC	0.61	0.61	15.76	No	0.00	2.10	1.50
991174	Northwest	SR 202	19.69	Unnamed	Unnamed	07.0378	Culvert	No	67	Yes		1.2	BOX	CPC	1.22	0.65	12.88	No	0.00	0.00	1.00
991174	Northwest	SR 202	19.69	Unnamed	Unnamed	07.0378	Culvert	No	67	Yes		2.2	RND	PCC	0.46	0.46	16.48	No	0.00	1.20	1.00
101S-22	Northwest	SR 202	22.56	Unnamed	Snoqualmie R	07.0429	Culvert	No	33	Yes	6.47	1.1	BOX	CPC	1.86	1.54	29.83	No	0.22	4.80	6.00
101SA-06	Northwest	SR 202	23.18	Skunk Cr	Mud Cr	07.0436	Culvert	No	33	Yes		1.1	BOX	CPC	1.20	0.60	30.13	No	0.10	2.00	1.00
995200	Northwest	SR 202	23.22	Unnamed	Skunk Cr	07	Culvert	No	33	Yes		1.1	RND	PCC	0.61	0.61	30.74	No	0.00	3.80	1.00
995203	Northwest	SR 202	28.76	Unnamed	SF Snoqualmie R	07	Culvert	No	67	Yes		1.2	RND	PCC	0.91	0.91	19.15	No	0.00	0.60	2.00
995203	Northwest	SR 202	28.76	Unnamed	SF Snoqualmie R	07	Culvert	No	67	Yes		2.2	RND	PCC	0.91	0.91	18.92	No	0.00	0.40	2.00
996930	Northwest	SR 202 ROW	1.03	Unnamed	Sammamish R	08	Culvert	No	67	No		1.1	RND	PCC	0.30	0.30	12.05	No	0.00	0.91	0.50
101L-01	Northwest	SR 203	3.97	Unnamed	Griffin Cr	07.0365	Culvert	No	33	No		1.1	RND	PCC	0.46	0.46	19.32	No	0.14	3.00	1.50
991720	Northwest	SR 203	4.37	Unnamed	Snoqualmie R	07	Culvert	No	33	Yes		1.1	RND	OTH	0.61	0.61	49.21	No	0.00	2.20	3.50
995167	Northwest	SR 203	7.26	Unnamed	Horseshoe Lk	07	Culvert	No	33	Yes		1.1	RND	OTH	0.61	0.61	23.65	No	0.00	3.90	3.00
991716	Northwest	SR 203	13.60	Unnamed	Snoqualmie R	07.0219A	Culvert	No	67	Yes	10.96	1.1	RND	PCC	1.22	1.22	45.36	No	0.00	1.40	10.00
995181	Northwest	SR 203	14.10	Unnamed	Snoqualmie R	07	Culvert	No	33	Yes		1.1	RND	PCC	0.61	0.61	15.26	No	0.00	4.10	1.00
995186	Northwest	SR 203	18.48	Unnamed	Snoqualmie R	07.0238	Culvert	No	33	No		1.1	RND	PCC	0.91	0.91	52.54	No	0.05	2.80	4.00
995137	Northwest	SR 204	0.21	Unnamed	Unnamed to Ebey Sl	07	Culvert	No	0	Yes		1.1	RND	OTH	0.76	0.76	59.00	No	1.60	4.10	6.00
995138	Northwest	SR 204	0.54	Unnamed	Ebey Sl	07	Culvert	No	33	Yes		1.1	RND	PCC	1.30	1.30	67.25	No	0.00	6.30	15.00
995141	Northwest	SR 204	0.96	Unnamed	Ebey Sl	07	Culvert	No	0	Yes		1.1	RND	PCC	0.46	0.46	49.11	No	0.42	6.40	10.00
995150	Northwest	SR 204	1.19	Unnamed	Ebey Sl	07.0093	Culvert	No	0	Yes		1.1	RND	PCC	0.91	0.91	76.72	No	0.18	6.80	10.00
995151	Northwest	SR 204	1.64	Unnamed		07	Culvert	No	33	No		1.1	RND	PCC	0.46	0.46	31.72	No	0.00	2.30	2.80
995152	Northwest	SR 204	1.80	Unnamed	Ebey Sl	07	Culvert	No	0	Yes		1.1	RND	PCC	0.91	0.91	60.93	No	0.00	4.30	8.00
991205	Northwest	SR 410	23.83	Unnamed	Boise Cr	10	Culvert	No	67	Yes		1.1	RND	PCC	1.07	1.07	41.61	No	0.00	1.13	4.50

Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope	Road Fill Depth (m)
991218	Northwest	SR 410	27.25	Unnamed	Boise Cr	10	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	23.77	No	0.43	3.00	
990043	Northwest	SR 410	27.44	Boise Cr	White R	10.0057	Culvert	No	67	Yes		1.2	BOX	PCC	1.83	1.83	32.61	No	0.00	1.28	
990043	Northwest	SR 410	27.44	Boise Cr	White R	10.0057	Culvert	No	67	Yes		2.2	BOX	PCC	1.83	1.83	32.61	No		1.28	
996625	Northwest	SR 410	35.29	Unnamed	White R	10	Culvert	No	33	Yes		1.1	RND	PCC	1.52	1.52	21.94	No	0.00	3.80	3.00
990082	Northwest	SR 410	35.77	Clay Cr	White R	10.0103	Culvert	No	0	Yes	19.52	1.1	BOX	PCC	1.83	1.83	38.40	No	6.10	14.00	3.00
990102	Northwest	SR 410	36.49	Cyclone Cr	White R	10.0105	Culvert	No	0	Yes		1.1	BOX	PCC	2.44	2.44	28.65	No	0.12	9.00	
991219	Northwest	SR 410	39.18	Unnamed	White R	10	Culvert	No	0	No		1.1	RND	PCC	0.76	0.76	16.36	No	0.36	4.00	1.50
996661	Northwest	SR 410	40.31	Unnamed	White R	10	Culvert	No	0	No		1.1	RND	PCC	0.61	0.61	15.31	No	0.21	8.90	3.50
996662	Northwest	SR 410	40.51	Unnamed	White R	10	Culvert	No	0	No		1.1	RND	PCC	0.76	0.76	21.30	No	0.67	1.20	3.80
105 R022221a	Northwest	SR 410	41.42	Unnamed	White R	10	Culvert	No	67	Yes		1.1	RND	PCC	0.91	0.91	14.36	No	0.00	5.30	0.05
105 R071916a	Northwest	SR 410	48.29	Boundary Cr	White R	10.0250	Culvert	Yes	33	Yes	7.55	1.1	RND	PCC	1.22	1.22	29.56	No		2.40	
996664	Northwest	SR 410	48.94	Unnamed	Unnamed	10	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	22.05	No	0.70	7.80	4.00
991012	Northwest	SR 410	49.93	Unnamed	White R	10	Culvert	No	33	No		1.1	SQSH	CST	1.40	1.01	24.53	No	0.24	1.70	
996671	Northwest	SR 410	53.01	Unnamed	White R	10	Culvert	No	67	Yes		1.1	SQSH	CST	1.05	0.83	28.16	No	0.00	3.90	2.50
105 R072016a	Northwest	SR 410	55.29	Dry Cr	White R	10	Culvert	No	0	Yes		1.1	BOX	CPC	1.54	1.54	25.82	No	3.50	5.50	
991016	Northwest	SR 410	55.51	Unnamed	White R	10	Culvert	No	0	Yes		1.1	BOX	PCC	1.68	1.83	37.19	Unk	3.14	5.50	
105 R072018a	Northwest	SR 410	59.57	Unnamed	White R	10	Culvert	No	67	No		1.2	RND	PCC	0.76	0.76	13.00	No	0.00	6.80	1.00
105 R072018a	Northwest	SR 410	59.57	Unnamed	White R	10	Culvert	No	67	No		2.2	RND	PCC	0.76	0.76	13.00	No	0.00	6.60	1.00
996266	Northwest	SR 509	9.18	Unnamed	Puget Sound	10	Culvert	No	0	Yes		1.1	RND	CST	0.76	0.76	40.11	No	0.64	2.90	1.50
991651	Northwest	SR 509	9.60	Unnamed	Puget Sound	10	Culvert	No	33	No		2.2	RND	PCC	0.76	0.76	74.96	No	0.00	4.40	
991651	Northwest	SR 509	9.60	Unnamed	Puget Sound	10	Culvert	No	33	No		1.2	RND	PCC	0.76	0.76	75.11	No	0.00	4.30	
996270	Northwest	SR 509	10.96	Lakota Cr	Puget Sound	10.0386	Culvert	No	0	Yes		1.1	RND	PCC	1.07	1.07	41.51	No	0.24	3.71	1.50
996272	Northwest	SR 509	11.43	Unnamed	Lakota Cr	10.0387	Culvert	No	0	Yes		1.1	RND	OTH	0.46	0.46	285.09	No	0.30	0.16	2.00
991192	Northwest	SR 509	13.49	Unnamed	Puget Sound	09.0385	Culvert	No	0	Yes		1.1	RND	CST	1.07	1.07	36.64	No	1.22	6.40	8.00
997675	Northwest	SR 509	14.23	Unnamed	Poverty Bay	09.0384	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	440.00	No	10.00		8.00
990115	Northwest	SR 509	20.35	Des Moines Cr	Puget Sound	09.0377	Culvert	Yes	33	Yes	24.61	1.1	BOX	CPC	1.22	1.83	72.54	No		2.00	
997679	Northwest	SR 509	25.69	Miller Cr	Puget Sound	09.0371	Culvert	Yes	67	Yes		2.2	RND	SPS	1.83	1.83		No	0.00		10.00
997679	Northwest	SR 509	25.69	Miller Cr	Puget Sound	09.0371	Culvert	Yes	67	Yes		1.2	RND	SPS	1.83	1.83		No	0.00		10.00
997678	Northwest	SR 509	28.90	NF Hamm Cr	Duwamish R	09	Dam	No	0	No											
997681	Northwest	SR 509	29.06	Lost Fork Ham	Duwamish R	09	Culvert	No	0	Yes		1.1	RND	CST	0.91	0.91	227.00	No	3.70		10.00
09.0377 2.12	Northwest	SR 509/ 200th Ave	21.80	Des Moines Cr	Puget Sound	09.0377	Culvert	No	33	Yes		1.2	BOX	CPC	2.14	1.22	16.71	No	0.60	0.54	2.50
09.0377 2.12	Northwest	SR 509/ 200th Ave	21.80	Des Moines Cr	Puget Sound	09.0377	Culvert	No	33	Yes		2.2	BOX	CPC	2.14	1.22	16.61	No	0.60	0.72	2.50
997645	Northwest	SR 515	3.97	Panther Cr	Springbrook Cr	09.0006	Culvert	No	67	Yes		1.1	RND	PCC	0.91	0.91	65.39	No	0.00	1.30	2.50
994409	Northwest	SR 515	7.08	Unnamed	Springbrook Cr	09	Culvert	No	0	Yes		1.1	SQSH	CST	1.60	1.00	430.00	Yes	0.00		1.50
991191	Northwest	SR 516	0.41	Barnes Cr	Massey Cr	09.0380	Culvert	No	67	Yes		1.1	RND	OTH	0.61	0.61	29.48	Yes	0.00	2.30	6.00
997674	Northwest	SR 516	1.28	Unnamed	Massey Cr	09	Culvert	No	0	No		1.1	RND	OTH	0.50	0.50	47.77	No	0.00	3.50	8.00
997649	Northwest	SR 516	2.98	Unnamed	Green R	09.0043	Culvert	No	0	Yes		1.1	RND	CST	0.91	0.91	111.58	No	0.00	7.51	23.40
994459	Northwest	SR 520	4.48	Unnamed	Lk Washington	08.0257	Culvert	Yes	33	Yes	14.8	1.1	RND	CST	1.52	1.52	58.44	No		3.00	
994117	Northwest	SR 520	5.42	Unnamed	Lk Washington	08	Culvert	No	0	No		1.1	RND	CST	0.91	0.91	98.70	No	4.42	8.07	20.00
994119	Northwest	SR 520	5.81	Unnamed	Lk Washington	08	Culvert	No	0	Yes	5.69	1.1	RND	PCC	1.27	1.27	104.01	No	0.00	3.05	3.00
994236	Northwest	SR 520	6.19	Yarrow Cr	Lk Washington	08.0252	Culvert	No	67	Yes	22.86	1.2	RND	PCC	1.07	1.07	78.68	No	0.00	0.34	2.00
994236	Northwest	SR 520	6.19	Yarrow Cr	Lk Washington	08.0252	Culvert	No	67	Yes	22.86	2.2	RND	CST	1.07	1.07	76.60	No	0.00	0.31	2.00
994705	Northwest	SR 520	6.44	Unnamed	Yarrow Cr	08	Culvert	No	0	Yes	5.24	1.1	RND	CST	0.91	0.91	111.96	No	1.00	3.90	2.00
990167	Northwest	SR 520	7.90	WF Goff Cr	Goff Cr	08	Culvert	No	0	Yes		1.2	RND	CST	0.91	0.91	79.49	No	0.54	5.18	
990167	Northwest	SR 520	7.90	WF Goff Cr	Goff Cr	08	Culvert	No	0	Yes		2.2	RND	CST	0.91	0.91	79.41	No	1.45	5.18	
994449	Northwest	SR 520 EB Off Ramp	6.03	Yarrow Cr	Lk Washington	08.0252	Culvert	No	67	Yes	23.12	1.1	RND	CST	1.22	1.22	62.42	No	0.00	0.42	12.00

Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope	Road Fill Depth (m)
994238	Northwest	SR 520 WB Off Ramp	6.27	Yarrow Cr	Lk Washington	08.0252	Culvert	No	67	Yes	22.7	1.1	SQSH	CST	1.07	0.75	33.37	No	0.00	1.65	2.00
994234	Northwest	SR 520 WB On Ramp	5.95	Yarrow Cr	Lk Washington	08.0252	Culvert	No	67	Yes	22.08	1.2	RND	CST	1.22	1.22	38.20	No	0.00	0.34	7.00
994234	Northwest	SR 520 WB On Ramp	5.95	Yarrow Cr	Lk Washington	08.0252	Culvert	No	67	Yes	22.08	2.2	RND	CST	1.22	1.22	38.76	No	0.00	0.77	7.00
994227	Northwest	SR 520 WB On Ramp	5.95	Yarrow Cr	Lk Washington	08.0252	Culvert	No	67	Yes	23.18	2.2	RND	CST	1.22	1.22	30.12	No	0.08	0.76	2.00
994227	Northwest	SR 520 WB On Ramp	5.95	Yarrow Cr	Lk Washington	08.0252	Culvert	No	67	Yes	23.18	1.2	RND	CST	1.22	1.22	29.80	No	0.00	0.57	2.00
990430	Northwest	SR 522	2.86	Thornton Cr	Lk Washington	08.0030	Culvert	Yes	67	Yes		1.1	BOX	CPC				No			
990655	Northwest	SR 522	6.63	Unnamed	Lk Washington	08.0056	Culvert	No	0	Yes		1.1	OTH	OTH	1.46	1.46	200.56	No	0.77	6.00	4.00
996910	Northwest	SR 522	11.59	Unnamed	Sammamish R	08	Culvert	No	67	No		1.1	RND	PCC	1.52	1.52	60.60	No	0.00	0.68	1.00
996916	Northwest	SR 522	12.86	Unnamed	Little Bear Cr	08	Culvert	No	0	Yes		1.1	RND	CST	1.14	1.14	196.00	No	0.00	1.20	2.00
996912	Northwest	SR 522	13.01	Unnamed	Little Bear Cr	08	Culvert	No	33	No		1.1	RND	CAL	1.07	1.07	70.44	No	0.00	1.63	5.50
996913	Northwest	SR 522	13.66	Unnamed	Little Bear Cr	08	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	54.59	Yes	0.00	3.86	2.50
994430	Northwest	SR 522	14.25	Howell Cr	Little Bear Cr	08.0082	Culvert	No	0	Yes	2.37	2.2	RND	OTH	0.46	0.46	55.36	No	0.00	5.70	1.50
994430	Northwest	SR 522	14.25	Howell Cr	Little Bear Cr	08.0082	Culvert	No	0	Yes	2.37	1.2	RND	OTH	0.46	0.46	55.61	No	0.00	5.80	1.50
994432	Northwest	SR 522	14.38	Unnamed	Little Bear Cr	08	Culvert	No	33	No		1.1	RND	PCC	0.46	0.46	56.54	Unk	0.00	5.90	1.00
994440	Northwest	SR 522	16.54	Unnamed	Crystal Lk	08	Culvert	No	67	Yes		1.1	RND	PCC	0.91	0.91	53.37	No	0.00	0.40	2.00
992371	Northwest	SR 522	17.48	Unnamed	Evans Cr	07.0211	Culvert	No	33	Yes	6.11	1.1	RND	PCC	0.76	0.76	55.00	No	0.00	0.21	6.00
992632	Northwest	SR 522	17.82	Unnamed	Evans Cr	07.0211	Culvert	No	67	Yes	13.23	1.1	RND	PCC	0.91	0.91	88.10	No	0.00	0.50	3.00
992631	Northwest	SR 522	17.87	Unnamed	Evans Cr	07.0211	Culvert	No	67	Yes	13.36	1.1	RND	PCC	0.91	0.91	54.40	No	0.00	-0.80	4.00
992378	Northwest	SR 522	19.26	Anderson Cr	Evans Cr	07.0212	Culvert	No	0	Yes	12.06	1.1	RND	PCC	0.90	0.90	116.00	No	0.23	12.00	17.00
992381	Northwest	SR 522	19.35	Unnamed	Anderson Cr	07	Culvert	No	0	Yes	7.37	1.1	RND	CST	0.91	0.91	84.33	No	0.80	22.70	22.00
992382	Northwest	SR 522	19.44	Unnamed	Anderson Cr	07	Culvert	No	0	Yes	1.79	1.1	RND	CST	0.76	0.76		No	0.00	10.00	25.00
992383	Northwest	SR 522	19.57	Unnamed	Anderson Cr	07	Culvert	No	0	Yes	1.55	1.1	RND	CST	0.91	0.91	90.78	No	0.00	15.70	12.00
990139	Northwest	SR 522	20.21	Elliott Cr	Snohomish R	07.0214	Culvert	No	0	Yes	15.78	1.1	RND	PCC	0.90	0.90	117.00	No	0.00	4.00	7.00
994128	Northwest	SR 522	21.95	Unnamed	Skykomish R	07.0814	Culvert	No	67	Yes	15.87	1.1	RND	CST	0.61	0.61	46.72	Unk	0.00	0.72	7.00
994125	Northwest	SR 522	21.97	Unnamed	Skykomish R	07.0814	Culvert	No	67	No	8.24	1.1	RND	CST	0.76	0.76	48.26	Yes	0.00	1.72	10.00
996880	Northwest	SR 522 ROW	12.86	Unnamed	Little Bear Cr	08	Culvert	No	67	Yes		1.1	RND	PCC	1.22	1.22	29.24	No	0.00	0.48	1.00
996915	Northwest	SR 523	1.24	Unnamed	Thornton Cr	08	Culvert	No	0	Yes		1.1	RND	PCC	0.76	0.76	41.44	No	0.12	2.03	7.50
993103	Northwest	SR 524	3.89	Scriber Cr	Swamp Cr	08.0061	Culvert	No	33	Yes	9.92	1.2	SQSH	CST	1.80	1.10	40.94	No	0.02	0.42	4.50
993103	Northwest	SR 524	3.89	Scriber Cr	Swamp Cr	08.0061	Culvert	No	33	Yes	9.92	2.2	SQSH	CST	1.80	1.10	39.86	No	0.00	0.48	4.50
992846	Northwest	SR 524	5.54	Golde Cr	Scriber Cr	08.0062	Culvert	No	0	Yes	10.8	1.1	RND	PCC	0.91	0.91	4.66	No	0.61	1.20	2.00
993100	Northwest	SR 524	6.95	Martha Cr	Swamp Cr	08	Culvert	No	0	Yes	13.8	1.1	RND	OTH	0.91	0.91		No	0.00		1.50
991053	Northwest	SR 524	8.06	Unnamed	North Cr	08	Culvert	No	0	Unknown		1.1	RND	PCC	0.46	0.46	28.96	No	0.15	2.60	4.00
991641	Northwest	SR 524	9.10	Unnamed	North Cr	08	Culvert	No	0	Yes	12.28	1.1	RND	PCC	0.46	0.46	14.94	No	0.06	2.90	2.50
996461	Northwest	SR 524	12.07	Unnamed	Little Bear Cr	08	Culvert	No	0	Unknown		1.1	RND	CST	0.46	0.46	20.04	No	0.00	3.59	0.30
996460	Northwest	SR 524	14.28	Unnamed		08	Culvert	No	67	Unknown		1.1	RND	PCC	0.61	0.61	19.05	No	0.00	2.10	0.50
994124	Northwest	SR 524	14.38	Unnamed	Crystal Lk	08	Culvert	No	33	Unknown		1.2	RND	PCC	0.46	0.46	41.00	No	0.00	2.17	1.00
994124	Northwest	SR 524	14.38	Unnamed	Crystal Lk	08	Culvert	No	33	Unknown		2.2	RND	PCC	0.46	0.46	41.12	No	0.00	2.20	1.00
994123	Northwest	SR 524	14.52	Unnamed	Crystal Lk	08	Culvert	No	67	Yes		1.1	RND	PCC	0.91	0.91	31.79	No	0.00	1.23	1.00
996205	Northwest	SR 524 SP 3	0.30	Shelleberger Cr	Puget Sound	08.0010	Culvert	No	33	Yes		1.1	RND	PCC	0.76	0.76	32.90	No	0.20	1.80	5.00
993122	Northwest	SR 524/Filbert Rd	0.99	Martha Cr	Swamp Cr	08	Culvert	No	67	Yes	11.97	1.1	RND	PCC	0.91	0.91	6.95	No	0.00	1.01	0.50
993121	Northwest	SR 524/Filbert Rd	0.99	Martha Cr	Swamp Cr	08	Culvert	No	67	Yes	11.76	1.1	RND	PCC	0.91	0.91	7.15	No	0.00	0.65	0.50
991176	Northwest	SR 525	1.10	Unnamed	Swamp Cr	08	Culvert	No	0	Yes		1.1	RND	CST	0.91	0.91	53.10	No	0.00	5.35	2.00
991054	Northwest	SR 525	2.05	Unnamed	Swamp Cr	08.0065	Culvert	No	0	Yes		1.1	RND	OTH	0.61	0.61	86.10	No	0.00	4.20	4.00
996188	Northwest	SR 525	7.82	Unnamed	Possesion Bay	08	Culvert	No	0	No		1.1	RND	PCC	0.61	0.61	57.89	No	0.60	22.40	15.00
995994	Northwest	SR 525	9.14	Clinton Cr	Puget Sound	06	Culvert	No	0	Yes		1.1	OTH	CST	0.61	0.61		No	2.30		2.50
995986	Northwest	SR 525	9.54	Clinton Cr	Puget Sound	06	Culvert	No	0	Yes		1.1	RND	OTH	0.61	0.61	41.00	No	0.17	4.70	4.00

Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope	Road Fill Depth (m)
995984	Northwest	SR 525	9.70	Clinton Cr	Puget Sound	06	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	27.00	No	0.70	0.44	1.00
995988	Northwest	SR 525	10.02	Clinton Cr	Puget Sound	06	Culvert	No	67	No		1.1	RND	PCC	0.61	0.61	37.00	No	0.00	1.16	2.00
995127	Northwest	SR 526	2.96	Merrill and Rin	Possession Sound	07.1725	Culvert	No	33	No		1.1	RND	CST	1.07	1.07	161.62	No	0.00	5.30	15.00
991187	Northwest	SR 527	0.58	Unnamed	Sammamish R	08	Culvert	No	67	Yes		1.1	BOX	CPC	1.35	0.95	11.82	No	0.00	2.10	1.00
996177	Northwest	SR 527	0.82	Unnamed	Unnamed	08	Culvert	No	33	Yes		1.1	RND	PCC	0.61	0.61	16.97	No	0.00	3.10	0.75
996178	Northwest	SR 527	1.37	Unnamed	Sammamish R	08	Culvert	No	0	Yes		1.1	BOX	CPC	2.45	1.00	17.47	No	0.00	3.26	3.00
993084	Northwest	SR 527	2.78	Unnamed	North R	08	Culvert	No	33	Yes	8.93	1.1	RND	CST	1.22	1.22	65.98	No	0.15	1.50	5.00
08.0077 0.20	Northwest	SR 527	6.57	Penny Cr	North Cr	08.0077	Culvert	Yes	33	Yes		1.1	BOX	PCC	1.22	1.22	44.00	Unk	0.22		
990294	Northwest	SR 528	2.47	Munson Cr	Allen Cr	07.0073	Culvert	Yes	67	Yes		1.1	SQSH	CST	1.39	0.97	22.92	No		-0.40	
CC3	Northwest	SR 530	0.99	Dutch Cr	Sauk R	04.1114	Culvert	No	Unknown	Unknown		1.1	RND	CST	1.90	1.90	40.00	No	1.10	7.00	
CC2	Northwest	SR 530	0.99	Goodman Cr	Sauk R	04.1113	Culvert	No	Unknown	Unknown		1.1	RND	CST	4.00	4.00	30.00	No	2.00	8.00	
CC1	Northwest	SR 530	0.99	Murphy Cr	Sauk R	04.1112	Culvert	No	Unknown	Unknown		1.2	SQSH	CST	3.50	2.50	20.00	No	0.00	6.00	
CC1	Northwest	SR 530	0.99	Murphy Cr	Sauk R	04.1112	Culvert	No	Unknown	Unknown		2.2	SQSH	CST	3.50	2.50	20.00	No	0.00	6.00	
990574	Northwest	SR 530	23.98	Unnamed	NF Stillaguamish R	05.0136	Culvert	No	0	No		1.1	RND	CST	0.91	0.91	51.82	No	0.20	3.00	5.00
990627	Northwest	SR 530	24.29	Unnamed	NF Stillaguamish R	05	Culvert	No	0	No		1.1	RND	SST	1.52	1.52	3.05	No	0.61	6.00	4.00
991159	Northwest	SR 530	24.65	Unnamed	Stillaguamish R	05.0137	Culvert	No	0	Yes	18.6	1.1	RND	PCC	1.22	1.22	56.39	No	0.30	2.50	25.00
990629	Northwest	SR 530	25.74	Unnamed	Trafton Cr	05.0148	Culvert	No	33	Yes		1.1	RND	PCC	0.46	0.46	20.52	No	0.00	4.34	1.50
996092	Northwest	SR 530	25.88	Unnamed	Trafton Cr	05.0148	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	20.39	No	0.16	5.15	1.00
990628	Northwest	SR 530	26.29	Unnamed	Unnamed	05	Culvert	No	67	Yes		1.1	RND	PCC	0.46	0.46	23.06	No	0.00	1.65	1.50
991161	Northwest	SR 530	26.40	Unnamed	Unnamed	05	Culvert	No	33	No		1.1	RND	PCC	0.46	0.46	25.29	No	0.00	2.29	2.00
990631	Northwest	SR 530	26.70	Unnamed	Trafton Cr	05.0147	Culvert	No	0	Yes		1.1	RND	PCC	0.76	0.76	24.50	No	0.27	4.90	1.50
990633	Northwest	SR 530	26.87	Unnamed	NF Stillaguamish R	05.0151	Culvert	No	0	Yes		1.1	RND	PCC	0.91	0.91	24.01	No	0.33	2.17	0.60
990630	Northwest	SR 530	27.46	Unnamed	NF Stillaguamish R	05.0150	Culvert	No	0	Yes		1.1	RND	PCC	0.76	0.76	16.90	No	1.38	2.90	
990634	Northwest	SR 530	27.66	Unnamed	NF Stillaguamish R	05.0152X	Culvert	No	67	No		1.1	RND	PCC	0.46	0.46	17.14	No	0.00	1.46	1.00
990361	Northwest	SR 530	27.75	Ryan Falls Cr	Stillaguamish R	05.0152	Culvert	No	33	No		1.1	RND	CST	1.43	1.43	23.77	No	0.18	1.50	1.00
990644	Northwest	SR 530	31.01	Unnamed	NF Stillaguamish R	05	Culvert	Yes	67	Yes	14.38	1.1	RND	CAL	1.22	1.22	19.51	No		0.00	
991164	Northwest	SR 530	32.51	Unnamed	Stillaguamish R	05	Culvert	No	67	No		1.1	RND	PVC	0.46	0.46	21.32	No	0.00	2.02	1.50
990639	Northwest	SR 530	34.30	Unnamed	NF Stillaguamish R	05	Culvert	No	33	Yes		1.1	RND	PCC	0.61	0.61	22.86	No	0.00	2.00	4.00
990640	Northwest	SR 530	35.24	Unnamed	Montaque Cr	05.0217X	Culvert	No	67	Yes		1.1	RND	PCC	0.46	0.46	10.40	No	0.00	4.04	0.50
995402	Northwest	SR 530	36.67	Unnamed	NF Stillaguamish R	05	Culvert	No	0	No		1.1	RND	OTH	0.46	0.46	23.80	No	0.77	9.70	2.00
995404	Northwest	SR 530	36.83	Unnamed	NF Stillaguamish R	05	Culvert	No	67	No		1.1	RND	PCC	0.30	0.30	22.96	Unk	0.00	1.20	
990650	Northwest	SR 530	38.60	Unnamed	NF Stillaguamish R	05	Culvert	No	67	No		1.1	RND	PCC	0.61	0.61		Unk	0.00	1.00	
990246	Northwest	SR 530	42.14	Little French C	Fortson Cr	05.0253	Culvert	No	0	Yes	12.47	1.2	RND	PCC	1.22	1.22	47.55	Unk	2.29	1.00	
990246	Northwest	SR 530	42.14	Little French C	Fortson Cr	05.0253	Culvert	No	0	Yes	12.47	2.2	RND	PCC	1.22	1.22	47.55	Unk		5.00	
990151	Northwest	SR 530	42.99	Fortson Cr	NF Stillaguamish R	05.0254	Culvert	No	0	Yes	15.37	1.1	ARCH	CST	1.52	0.91	30.48	No	1.13	1.50	1.50
990652	Northwest	SR 530	43.34	Unnamed	Fortson Ponds	05	Culvert	No	67	Yes		1.1	RND	PCC	0.76	0.76	25.21	No	0.00	2.22	1.50
991154	Northwest	SR 530	55.07	Hatchery Cr	Sauk R	04.1062	Culvert	No	67	Yes		1.1	BOX	PCC	3.70	1.80	19.36	No	0.10	0.00	0.50
997712	Northwest	SR 530	64.41	Unnamed	Hilt Cr	04	Culvert	No	0	No		1.1	RND	CAL	0.61	0.61	18.09	No	1.57	2.40	2.50
991751	Northwest	SR 531	3.80	Cougar Cr	Fish Cr	05.0041	Culvert	No	67	Yes		1.1	RND	OTH	0.76	0.76	26.09	No	0.00	2.10	6.00
991059	Northwest	SR 531	8.71	Unnamed	MF Quilceda Cr	07.0060	Culvert	Yes	67	Yes		1.1	RND	CST	0.76	0.76	17.07	No		1.20	
05.0018 2.00	Northwest	SR 532	6.14	Church Cr	Stillaguamish R	05.0018	Culvert	Yes	67	Yes		1.1	BOX	CPC	1.83	2.44	51.21	Unk		0.50	
990080	Northwest	SR 532	6.68	Unnamed	Church Cr	05.0020	Culvert	No	0	Yes		1.1	RND	CST	0.61	0.61	68.65	No	0.65	2.77	7.00
990890	Northwest	SR 532	8.71	Unnamed	Sunday Lk	05.0061	Culvert	No	67	Yes		1.1	RND	CST	0.76	0.76	54.07	No	0.00	2.80	4.50
990624	Northwest	SR 532	9.75	Unnamed	Pilchuck Cr	05.0065	Culvert	No	33	Yes	31.55	1.1	RND	PCC	1.22	1.22	61.00	No	0.00	0.67	12.00
CR2	Northwest	SR 534	0.53	Unnamed	Carpenter Cr	03	Culvert	No	67	Yes		1.1	RND	PCC	0.91	0.91	10.88	No	0.00	2.10	2.00
995265	Northwest	SR 534	0.60	Unnamed	Carpenter Cr	03	Culvert	No	0	Yes		1.1	RND	CST	0.76	0.76	67.65	No	0.25	2.70	1.50

Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope	Road Fill Depth (m)
992987	Northwest	SR 539	0.04	SF Baker Cr	Baker Cr	01.0553	Culvert	No	33	Yes		1.1	SQSH	CST	2.39	1.75	124.90	No	0.00	0.50	1.00
990015	Northwest	SR 539	0.30	Spring Cr	Baker Cr	01.0556	Culvert	No	33	Yes	33.8	1.2	RND	CST	1.22	1.22	30.00	No	0.25		0.70
990015	Northwest	SR 539	0.30	Spring Cr	Baker Cr	01.0556	Culvert	No	33	Yes	33.8	2.2	RND	CST	1.22	1.22	30.00	No	0.25		0.70
991973	Northwest	SR 539	0.30	Baker Cr	Squalicum Cr	01.0553	Culvert	No	0	Yes	7.17	1.1	RND	OTH	0.91	0.91	54.35	No	0.05		1.00
990112	Northwest	SR 539	4.30	Deer Cr	Tenmile Cr	01.0165	Culvert	No	33	Yes	31.44	1.1	BOX	PCC	1.22	1.37	14.63	Unk	0.00	2.00	
991473	Northwest	SR 539	11.08	Unnamed	Unnamed to Bertrand Cr	01	Culvert	No	0	Yes		2.2	RND	PCC	1.22	1.22	17.07	No	0.46	1.50	
991473	Northwest	SR 539	11.08	Unnamed	Unnamed to Bertrand Cr	01	Culvert	No	0	Yes		1.2	RND	PCC	1.22	1.22	17.07	No	0.21	1.50	
991803	Northwest	SR 542	2.40	Toad Lk Cr	Squalicum Cr	01.0560	Culvert	No	0	Yes	13.41	1.1	RND	PCC	1.55	1.55	62.48	Unk	0.30	2.50	10.00
991111	Northwest	SR 542	13.48	Unnamed	Nooksack R	01	Culvert	No	67	Unknown		3.3	RND	PCC	0.61	0.61	29.70	No	0.00		1.50
991111	Northwest	SR 542	13.48	Unnamed	Nooksack R	01	Culvert	No	67	Unknown		1.3	RND	PCC	1.09	1.09	26.82	No	0.15	1.00	1.50
991111	Northwest	SR 542	13.48	Unnamed	Nooksack R	01	Culvert	No	67	Unknown		2.3	RND	PCC	1.09	1.09	26.82	No	0.15	1.00	1.50
990582	Northwest	SR 542	14.07	Unnamed	Nooksack R	01	Culvert	No	0	No		1.1	RND	PCC	0.70	0.70	40.84	Unk	0.00	3.00	
990584	Northwest	SR 542	15.05	Unnamed	Nooksack R	01	Culvert	No	67	Yes		1.1	RND	OTH	0.61	0.61	23.63	No	0.00	1.86	3.00
990585	Northwest	SR 542	15.08	Unnamed	NF Nooksack R	01	Culvert	No	33	Yes		1.1	RND	OTH	0.76	0.76	19.20	No	0.00	4.00	0.50
991060	Northwest	SR 542	16.07	Unnamed	Nooksack R	01	Culvert	No	0	No		1.1	RND	PCC	0.91	0.91	13.28	No	0.60	1.00	1.00
995776	Northwest	SR 542	16.21	Unnamed	Unnamed	01	Culvert	No	0	No		1.1	RND	PCC	0.76	0.76	43.12	No	0.00	6.30	11.00
991107	Northwest	SR 542	16.28	Unnamed	Nooksack R	01.0337	Culvert	No	33	No		1.1	RND	PCC	1.07	1.07	30.48	No	0.00	3.00	9.50
995777	Northwest	SR 542	17.38	Unnamed	NF Nooksack R	01	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	27.61	No	1.80	8.00	3.50
990589	Northwest	SR 542	17.85	Unnamed	NF Nooksack R	01	Culvert	No	0	No		1.1	RND	PCC	0.91	0.91	30.55	No	0.70	6.90	
991705	Northwest	SR 542	21.45	Unnamed	Kendall Cr	01	Culvert	No	33	Yes		1.1	SQSH	CST	1.06	0.70	11.32	No	0.36	2.70	1.00
991108	Northwest	SR 542	23.94	Unnamed	High Cr	01.0408	Culvert	No	0	Unknown		2.2	RND	CST	0.61	0.61	12.50	Unk	0.09	4.00	
991108	Northwest	SR 542	23.94	Unnamed	High Cr	01.0408	Culvert	No	0	Unknown		1.2	RND	CST	0.61	0.61	12.50	Unk	0.21	3.50	
991113	Northwest	SR 542	23.95	Unnamed	High Cr	01	Culvert	No	0	Yes		2.2	RND	CST	0.61	0.61	19.91	No	0.30	3.10	1.00
991113	Northwest	SR 542	23.95	Unnamed	High Cr	01	Culvert	No	0	Yes		1.2	RND	CST	0.61	0.61	19.76	No	0.00	3.60	1.00
995770	Northwest	SR 542	24.25	Unnamed	High Cr	01	Culvert	No	33	Yes		1.1	RND	CST	0.91	0.91	24.37	No	0.30	0.80	0.50
990577	Northwest	SR 542	24.49	Unnamed	High Cr	01	Culvert	No	67	Yes		1.1	RND	CST	0.61	0.61	16.46	No	0.30	0.70	1.50
991621	Northwest	SR 542	24.90	High Cr	Kendall Cr	01.0407	Culvert	No	33	Yes	21.37	1.1	RND	CST	1.89	1.89	15.24	No	0.00	1.50	1.50
991640	Northwest	SR 542	27.21	Unnamed	Nooksack R	01	Culvert	No	33	Yes		1.1	RND	PCC	0.61	0.61	19.81	No	0.55	2.00	2.50
990046	Northwest	SR 542	28.01	Bruce Cr	Nooksack R	01	Culvert	No	67	Yes		1.1	RND	PCC	1.07	1.07	17.24	Yes	0.00	2.60	0.50
990023	Northwest	SR 542	28.74	Baptist Camp Cr	NF Nooksack R	01.0433	Culvert	No	67	Yes	8.36	1.1	RND	PCC	0.45	0.45	12.53	No	0.11	2.70	0.50
995409	Northwest	SR 542	28.87	Unnamed	NF Nooksack R	01	Culvert	No	0	Yes	8.41	1.1	RND	PCC	0.76	0.76	17.97	No	0.00	11.10	3.50
990580	Northwest	SR 542	29.02	Unnamed	NF Nooksack R	01	Culvert	No	0	No		1.1	RND	PCC	0.61	0.61	63.49	No	0.00	10.80	11.00
990596	Northwest	SR 542	29.91	Unnamed	NF Nooksack R	01	Culvert	No	0	No		1.1	RND	PCC	0.30	0.30		No	0.66	6.10	2.00
990187	Northwest	SR 542	32.00	Hedrick Cr	Nooksack R	01.0463	Culvert	No	0	Yes	16.63	1.2	BOX	PCC	1.83	1.83	24.38	Unk	0.00	3.50	
990187	Northwest	SR 542	32.00	Hedrick Cr	Nooksack R	01.0463	Culvert	No	0	Yes	16.63	2.2	BOX	PCC	1.83	1.83	24.38	Unk	0.00	3.50	
990602	Northwest	SR 542	34.49	Unnamed	NF Nooksack R	01	Culvert	No	0	Yes		1.1	RND	PCC	0.76	0.76	19.81	Unk	0.91	2.00	
995413	Northwest	SR 542	35.55	Unnamed	NF Nooksack R	01	Culvert	No	0	No		1.1	RND	CST	0.46	0.46	17.89	No	1.20	12.20	1.50
990603	Northwest	SR 542	36.61	Lookout Cr	NF Nooksack R	01	Culvert	No	0	Yes		1.1	RND	CST	1.22	1.22	25.02	No	1.10	7.00	2.00
990604	Northwest	SR 542	38.15	Deerhorn Cr	NF Nooksack R	01	Culvert	No	0	Yes	9.02	1.2	RND	CST	1.83	1.83	23.84	No	0.90	7.30	2.50
990604	Northwest	SR 542	38.15	Deerhorn Cr	NF Nooksack R	01	Culvert	No	0	Yes	9.02	2.2	RND	CST	1.83	1.83	23.84	No	1.00	7.40	2.50
990605	Northwest	SR 542	38.38	Unnamed	NF Nooksack R	01	Culvert	No	0	Yes		1.1	RND	CST	0.91	0.91	18.29	No	0.91	7.00	1.50
995561	Northwest	SR 542	38.86	Unnamed	NF Nooksack R	01	Culvert	No	0	No		1.1	RND	PCC	0.46	0.46	18.32	No	0.40	8.40	3.00
990606	Northwest	SR 542	38.98	Chain-up Creek	NF Nooksack R	01	Culvert	No	0	Yes	17.41	1.1	RND	PCC	1.66	1.66	24.61	No	0.30	10.90	4.00
995567	Northwest	SR 542	40.77	Unnamed	NF Nooksack R	01	Culvert	No	0	No		1.1	BOX	CPC	1.84	1.84	23.88	No	1.10	15.30	4.00
995571	Northwest	SR 542	42.13	Unnamed	NF Nooksack R	01	Culvert	No	67	No		1.1	RND	PVC	0.91	0.91	18.07	No	0.04	3.70	2.50
995577	Northwest	SR 542	43.52	Unnamed	NF Nooksack R	01	Culvert	No	67	Yes		2.2	BOX	CPC	1.84	1.84	16.14	Yes	0.08	1.07	1.50

Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope	Road Fill Depth (m)
995577	Northwest	SR 542	43.52	Unnamed	NF Nooksack R	01	Culvert	No	67	Yes		1.2	BOX	CPC	1.84	1.84	16.14	No	0.08	1.07	1.50
995585	Northwest	SR 542	46.11	Unnamed	NF Nooksack R	01	Culvert	No	67	Yes		2.2	BOX	CPC	1.83	1.23	12.19	No	0.00	1.60	0.50
995585	Northwest	SR 542	46.11	Unnamed	NF Nooksack R	01	Culvert	No	67	Yes		1.2	BOX	CPC	1.83	1.23	12.19	No	0.00	2.30	0.50
995439	Northwest	SR 542	49.44	Unnamed	Unnamed to Bagley Cr	01	Culvert	No	0	Yes		1.1	RND	OTH	0.61	0.61	29.52	No	1.50	10.00	4.00
995695	Northwest	SR 542	49.74	Unnamed	Unnamed to Bagley Cr	01	Culvert	No	0	No		1.1	RND	PVC	0.61	0.61	14.72	No	0.00	10.90	2.00
995443	Northwest	SR 542	53.05	Unnamed	Unnamed	01	Culvert	No	67	No		1.1	RND	PCC	0.61	0.61	14.18	No	0.00	4.40	
995774	Northwest	SR 547	6.71	Unnamed	Saar Cr	01	Culvert	No	33	Yes		1.1	RND	PCC	0.61	0.61	39.08	No	0.00	1.33	3.00
996007	Northwest	SR 548	1.14	Unnamed	Unnamed	01	Culvert	No	67	Yes		1.1	RND	PCC	0.61	0.61	23.41	No	0.00	1.97	2.00
996008	Northwest	SR 548	1.24	Unnamed	California Cr	01.0079	Culvert	No	33	Yes	10.64	1.1	RND	PCC	0.61	0.61	26.09	No	0.20	2.03	2.00
996142	Northwest	SR 548	4.27	Unnamed	Fingleson Cr	01	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	22.24	No	0.40	2.40	2.50
990429	Northwest	SR 548	4.67	Terrell Cr	Birch Bay	01.0089	Culvert	No	0	Yes	31.43	1.1	RND	PCC	1.83	1.83	40.78	No	0.50	2.50	3.00
981788	Northwest	SR 548	6.35	Terrell Cr	Birch Bay	01.0089	Culvert	No	0	Yes	46.82	1.1	RND	SPS	3.81	3.81	35.20	No	0.60	1.08	5.00
996153	Northwest	SR 548	10.55	Unnamed	California Cr	01.0047	Culvert	No	67	Yes		2.2	RND	SST	0.91	0.91	18.02	No	0.00	3.39	2.00
996153	Northwest	SR 548	10.55	Unnamed	California Cr	01.0047	Culvert	No	67	Yes		1.2	RND	PCC	0.61	0.61	17.73	No	0.00	2.60	2.00
990316	Northwest	SR 9	1.16	Ashley Cr	Little Bear Cr	08.0083	Culvert	Yes	67	Yes	14.24	1.1	RND	PCC	0.61	0.61	19.84	No	0.04	0.03	2.50
995982	Northwest	SR 9	10.61	Cemetery Cr	Unnamed to Snohomish R	07.0118	Culvert	No	33	Unknown		1.1	RND	CST	0.61	0.61	45.34	No	0.28	0.77	4.00
991814	Northwest	SR 9	18.79	Unnamed	Lk Stevens	07.0149	Culvert	No	0	No		1.1	RND	OTH	0.61	0.61	87.72	Unk	0.00	1.40	5.00
995084	Northwest	SR 9	22.72	Unnamed	Quilceda Cr	07	Culvert	No	33	Yes		1.1	RND	PCC	0.46	0.46	25.95	No	0.00	2.10	2.00
102 Q028	Northwest	SR 9	24.44	Unnamed	MF Quilceda Cr	07	Culvert	No	67	Yes		1.1	RND	PCC	1.52	1.52	51.92	No	0.23	1.20	4.00
995082	Northwest	SR 9	25.75	Unnamed	Unnamed	07	Culvert	No	0	Yes		1.1	RND	PCC	0.91	0.91	35.21	No	0.50	0.85	1.50
990255	Northwest	SR 9	27.25	Unnamed	Portage Cr	05.0058	Culvert	No	33	Yes		1.1	RND	PCC	1.22	1.22	23.92	No	0.00	5.50	1.50
996079	Northwest	SR 9	27.94	Unnamed	Unnamed	05	Culvert	No	67	Yes		1.1	RND	PCC	0.61	0.61	58.64	No	0.00	1.53	7.00
990019	Northwest	SR 9	31.06	Armstrong Cr	Stillaguamish R	05.0126	Culvert	No	67	Yes		1.1	BOX	PCC	1.85	1.96	18.82	Yes	0.00	1.06	3.00
996085	Northwest	SR 9	36.95	Unnamed	Unnamed	05	Culvert	No	0	No		1.1	RND	PCC	0.31	0.31	13.52	No	0.67	8.14	2.00
LP19	Northwest	SR 9	37.26	Unnamed	Unnamed	05	Culvert	No	0	No		1.1	RND	OTH	0.61	0.61	31.79	No	0.00	12.33	4.00
996088	Northwest	SR 9	38.14	Unnamed	Unnamed	05	Culvert	No	0	No		1.1	RND	PCC	0.61	0.61	11.58	No	0.33	5.61	0.70
996089	Northwest	SR 9	38.27	Unnamed	Unnamed	05	Culvert	No	0	No		1.1	RND	PVC	0.61	0.61	14.30	No	0.18	3.64	1.40
LP31	Northwest	SR 9	38.64	Unnamed	Unnamed	05	Culvert	No	67	No		1.1	RND	CST	0.46	0.46	13.99	No	0.00	2.14	0.75
LP32	Northwest	SR 9	38.69	Unnamed	Unnamed	05	Culvert	No	33	Yes		1.1	RND	PCC	0.76	0.76	11.40	No	0.00	4.30	0.20
NC158	Northwest	SR 9	39.16	Unnamed	Lk McMurray	03	Culvert	No	0	Yes		1.1	RND	PCC	0.46	0.46	23.67	No	0.35	9.40	2.00
995275	Northwest	SR 9	39.51	Unnamed	Lk McMurray	03	Culvert	No	0	No		1.1	RND	PVC	0.61	0.61	18.53	No	0.10	17.30	3.00
NC180	Northwest	SR 9	39.69	Unnamed	Lk McMurray	03	Culvert	No	33	Yes		1.1	RND	PCC	1.07	1.07	15.74	No	0.35	8.60	3.50
NC170	Northwest	SR 9	39.87	Unnamed	Lk McMurray	03	Culvert	No	33	Yes		1.1	RND	CST	0.91	0.91	25.73	No	0.00	3.00	3.00
990641	Northwest	SR 9	40.09	Unnamed	Lk McMurray	03	Culvert	No	67	Yes		1.1	RND	PCC	0.91	0.91	12.54	No	0.00	1.90	2.00
NC166	Northwest	SR 9	40.77	Unnamed	Lk McMurray	03	Culvert	No	33	Yes		1.1	RND	CAL	1.22	1.22	15.09	No	0.05	6.80	0.50
990091	Northwest	SR 9	41.04	Norway Park C	Lk Mc Murray	03.0265	Culvert	No	33	Yes	11.55	1.1	RND	CST	0.76	0.76	44.60	No	0.00	2.80	8.00
991451	Northwest	SR 9	41.50	Unnamed	Lake Cr	03.0264	Culvert	No	33	No		1.1	RND	CST	1.21	1.21	16.21	No	0.00	4.30	1.00
991120	Northwest	SR 9	42.36	Lake Cr	Skagit R	03.0227	Culvert	No	67	Yes		1.1	RND	CST	1.91	1.91	17.41	No	0.00	-0.57	1.50
NC163	Northwest	SR 9	43.08	Unnamed	Lake Cr	03	Culvert	No	67	Yes		1.1	RND	CST	0.91	0.91	12.00	No	0.00	2.20	1.00
991122	Northwest	SR 9	48.00	Gribble Cr	WF Nookachamps Cr	03.0227	Culvert	No	33	Yes	21.92	1.1	RND	PCC	1.22	1.22	21.14	No	0.06	1.70	3.00
NC69	Northwest	SR 9	49.00	Unnamed	WF Nookachamps Cr	03	Culvert	No	67	Yes		1.1	BOX	CPC	1.22	1.55	11.10	No	0.00	4.70	
HC53	Northwest	SR 9	59.08	Unnamed	Unnamed	03	Culvert	No	33	Yes		1.1	RND	PCC	0.61	0.61	11.93	No	0.00	3.60	1.00
SR67	Northwest	SR 9	64.45	Unnamed	Samish R	03	Culvert	No	33	Yes		1.1	RND	OTH	1.14	1.14	15.93	No	0.00	3.70	1.50
995390	Northwest	SR 9	64.93	Unnamed	Samish R	03	Culvert	No	0	No		2.2	RND	CST	0.76	0.76	15.89	No	0.55	4.20	2.00
995390	Northwest	SR 9	64.93	Unnamed	Samish R	03	Culvert	No	0	No		1.2	RND	CST	0.61	0.61	16.17	No	0.40	6.40	2.00
991136	Northwest	SR 9	65.07	Unnamed	Samish R	03	Culvert	No	0	No		1.1	RND	PCC	1.22	1.22	13.66	Yes	0.00	2.90	1.00

Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope	Road Fill Depth (m)
991447	Northwest	SR 9	66.85	Unnamed	Samish R	03	Culvert	No	67	Yes		1.1	RND	PCC	0.91	0.91	11.13	No	0.15	2.70	1.00
991448	Northwest	SR 9	67.33	Unnamed	Samish R	03.0078	Culvert	No	33	Yes		1.1	BOX	CPC	2.45	1.57	11.75	No	0.00	5.50	1.00
995392	Northwest	SR 9	67.46	Unnamed	Samish R	03	Culvert	No	0	No		1.1	RND	PCC	0.61	0.61	31.45	Yes	0.00	8.80	2.00
995395	Northwest	SR 9	69.10	Unnamed	Samish R	03	Culvert	No	0	No		1.1	RND	PCC	0.76	0.76	23.26	No	0.29	5.60	1.50
995396	Northwest	SR 9	69.15	Unnamed	Samish R	03	Culvert	No	0	No		1.1	RND	PCC	0.76	0.76	22.75	No	0.72	3.30	3.00
995398	Northwest	SR 9	69.88	Unnamed	Samish R	03	Culvert	No	0	Yes		1.1	RND	PCC	0.61	0.61	29.78	No	0.00	6.00	1.50
991106	Northwest	SR 9	70.60	Unnamed	Samish R	03	Culvert	No	0	Yes		1.1	RND	OTH	0.76	0.76	13.72	No	0.55	6.00	2.00
995780	Northwest	SR 9	70.81	Unnamed	SF Nooksack R	01.0263	Culvert	No	33	No		2.2	RND	PCC	0.91	0.91	26.38	No	0.00	7.60	1.00
995780	Northwest	SR 9	70.81	Unnamed	SF Nooksack R	01.0263	Culvert	No	33	No		1.2	RND	PCC	0.91	0.91	26.79	No	0.00	8.00	1.00
995783	Northwest	SR 9	71.54	Unnamed	SF Nooksack R	01	Culvert	No	67	No		1.1	RND	PCC	0.76	0.76	17.56	No	0.14	2.90	1.00
992344	Northwest	SR 9	76.91	Unnamed	Black Sl	01	Culvert	No	0	Yes	11.83	1.1	RND	PCC	0.61	0.61	35.19	No	0.05	2.47	1.50
992345	Northwest	SR 9	77.12	Unnamed	Black Sl	01	Culvert	No	67	Yes	8.37	1.1	RND	PCC	0.70	0.70	18.37	No	0.00	0.04	1.50
992350	Northwest	SR 9	77.43	Unnamed	Unnamed to SF Nooksack R	01	Culvert	No	67	Yes	12.91	1.1	RND	PCC	0.70	0.70	10.72	No	0.17	0.06	1.20
992356	Northwest	SR 9	77.99	Unnamed	SF Nooksack R	01.0247	Culvert	No	67	Yes		1.1	RND	PCC	0.90	0.90	14.50	No		0.30	0.60
991842	Northwest	SR 900	15.86	Green Cr	May Cr	08.0291A	Culvert	No	0	Yes		1.1	BOX	PCC	1.22	0.91	13.72	No	0.21	1.00	2.50
990432	Northwest	SR 900	19.14	Unnamed	Tibbetts Cr	08.0169X	Culvert	No	67	No		1.1	RND	CST	0.61	0.61	12.26	No	0.00	2.28	1.00
991185	Northwest	SR 900	19.40	Unnamed	Tibbetts Cr	08.0174	Culvert	No	0	No		1.1	BOX	PCC	0.91	0.91	11.58	No	0.21	2.00	
991184	Northwest	SR 900	20.09	Unnamed	Tibbetts Cr	08.0172	Culvert	No	33	Yes	9.49	1.1	BOX	PCC	0.91	1.22	10.97	Unk	0.30	1.00	
991723	Northwest	SR 900	20.34	Unnamed	Tibbetts Cr	08.0171	Culvert	No	0	Yes	12.47	1.1	BOX	PCC	0.94	1.52	10.67	No	2.26	3.00	
996885	Northwest	SR 908	5.33	Unnamed	Unnamed	08	Culvert	No	0	No		1.1	BOX	CPC	0.91	1.22	60.82	No	0.54	8.07	14.00
996886	Northwest	SR 908	5.40	Unnamed	Unnamed	08	Culvert	No	0	Yes		1.1	BOX	CPC	0.91	1.22	74.78	No	0.45	6.83	15.00
996887	Northwest	SR 908	5.69	Peter's Cr	Sammamish R	08.0104	Culvert	No	0	Yes	8.21	1.1	BOX	CPC	1.22	1.85	74.30	No	0.00	5.70	15.00
991827	Northwest	SR 92	0.78	Unnamed	Lake Stevens	07.0150	Culvert	No	67	Yes		1.1	RND	OTH	0.61	0.61	64.83	No	0.00	0.80	7.00
07.0148 1.30	Northwest	SR 92	1.93	Catherine Cr	Stevens Cr	07.0148	Culvert	Yes	67	Yes	24.76	1.1	BOX	CPC	2.44	3.66		Unk			
991830	Northwest	SR 92	2.20	Unnamed	Catherine Cr	07	Culvert	No	33	No		1.1	RND	PCC	0.61	0.61	22.32	No	0.05	1.80	1.00
995155	Northwest	SR 92	7.78	Unnamed	Unnamed pond	07	Culvert	No	33	No		1.1	RND	CST	0.69	0.69	36.22	No	0.12	0.86	7.50
102 N183	Northwest	SR 96	0.47	North Cr	Sammamish R	08.0070	Culvert	No	33	Yes	32.09	1.1	SQSH	CST	1.80	1.20	37.00	No	0.00	0.80	
995209	Northwest	SR 96	4.04	Unnamed	Unnamed	07	Culvert	No	0	No		1.1	RND	PCC	0.61	0.61	25.24	No	0.35	3.40	4.00
995214	Northwest	SR 96	5.86	Unnamed	Snohomish R trib	07	Culvert	No	0	Yes		1.1	RND	PCC	0.46	0.46	17.58	No	0.56	5.50	4.00
995215	Northwest	SR 96	5.98	Unnamed	Unnamed to Snohomish R	07.0123	Culvert	No	33	Yes		1.1	RND	PCC	0.76	0.76	15.99	No	0.00	2.90	3.00
995216	Northwest	SR 96	6.09	Unnamed	Unnamed	07.0120	Culvert	No	0	Yes		1.1	BOX	CPC	1.35	0.93	14.96	No	1.15	1.20	2.00
995217	Northwest	SR 96	6.49	Unnamed	Unnamed to Ebey Sl	07	Culvert	No	0	Yes		1.1	RND	CST	0.91	0.91	24.90	No	2.15	2.13	2.00
991210	Northwest	SR 99	6.86	WF Hylebos Cr	Hylebos Cr	10.0014	Culvert	Yes	67	Yes	37.46	1.1	BOX	PCC	1.83	1.83	23.85	Unk		2.40	
995963	Northwest	SR 99	22.33	Riverton Cr	Duwamish R	09	Culvert	No	0	Yes		1.1	BOX	CPC	0.91	0.97	34.36	No	0.00	7.50	6.00
997684	Northwest	SR 99	23.41	Unnamed	Duwamish R	09	Culvert	No	0	Yes		1.1	RND	PCC	1.52	1.52	49.27	No	0.58	4.30	2.00
996216	Northwest	SR 99	49.01	Unnamed	Lund's Gulch Cr	08	Culvert	No	33	Yes		1.1	RND	CAL	0.91	0.91	47.45	No	0.00	4.70	1.00
993849	Northwest	SR 99	51.45	Unnamed	Swamp Cr	08	Culvert	No	0	Yes	14.79	1.1	RND	CAL	0.76	0.76	175.00	Unk	0.00		4.00
993834	Northwest	SR 99	52.70	Swamp Cr	Sammamish R	08.0059	Culvert	No	67	Yes	17.15	1.1	BOX	CPC	1.21	1.27	37.74	Unk	0.00	1.03	
102 N192	Northwest	SR 99	54.23	North Cr	Sammamish R	08.0070	Culvert	No	33	Yes	21.31	1.1	RND	OTH	0.76	0.76	73.23	No	0.00	0.26	2.00
995046	Northwest	US 2	3.59	Unnamed	Unnamed	07	Culvert	No	0	No		1.1	RND	CST	0.91	0.91	94.61	No	0.00	12.00	15.00
995108	Northwest	US 2	12.94	Unnamed	French Cr	07.0193	Culvert	No	67	Yes	8.71	1.1	BOX	CPC	3.08	2.60	41.04	No	0.32	0.30	1.00
101NORT-32	Northwest	US 2	20.53	Unnamed	Unnamed to Skykomish R	07	Culvert	No	0	Unknown		1.1	RND	OTH	0.61	0.61	33.64	No	0.00	6.00	6.00
101OWEN-02	Northwest	US 2	21.75	Unnamed	Skykomish R	07	Culvert	No	33	Yes	16.55	1.1	RND	PCC	0.91	0.91	33.83	No	0.10	2.00	2.50
07.0939 0.40	Northwest	US 2	23.08	Wagley's Cr	Skykomish R	07.0939	Dam	Yes	33	Yes											
991822	Northwest	US 2	34.35	Unnamed	Skykomish R	07	Culvert	No	0	Yes		2.2	RND	PCC	1.22	1.22	20.83	No	0.00	27.00	5.00
991822	Northwest	US 2	34.35	Unnamed	Skykomish R	07	Culvert	No	0	Yes		1.2	RND	PCC	1.22	1.22	20.85	No	0.00	27.00	5.00

Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope	Road Fill Depth (m)
991825	Northwest	US 2	36.73	Unnamed	SF Skykomish R	07	Culvert	No	0	No		1.1	RND	CST	1.07	1.07	79.32	No	0.00	14.00	18.00
995058	Northwest	US 2	44.23	Unnamed	SF Skykomish R	07	Culvert	No	0	No		1.1	RND	PCC	1.51	1.51	41.01	No	1.70	7.00	3.00
995059	Northwest	US 2	44.26	Unnamed	SF Skykomish R	07	Culvert	No	33	No		1.1	RND	PCC	1.22	1.22	25.41	No	0.00	8.00	2.00
995000	Northwest	US 2	45.47	Unnamed	SF Skykomish R	07.1298	Culvert	No	67	Yes		1.1	RND	PCC	1.22	1.22	19.45	No	0.00	1.00	2.50
995060	Northwest	US 2	47.75	Unnamed	SF Skykomish R	07	Culvert	No	33	No		1.1	RND	PCC	1.51	1.51	15.98	No	0.00	3.50	1.50
995002	Northwest	US 2	48.78	Unnamed	SF Skykomish R	07	Culvert	No	0	No		1.1	RND	OTH	0.46	0.46	70.64	No	0.16	6.00	1.50
995020	Northwest	US 2	48.94	Unnamed	SF Skykomish R	07	Culvert	No	0	Yes		1.1	RND	PCC	1.22	1.22	15.37	No	0.26	7.80	1.50
995021	Northwest	US 2	49.87	Unnamed	SF Skykomish R	07	Culvert	No	0	Unknown		1.1	OTH	OTH	1.22	1.22	46.64	No	0.60	0.80	1.00
995062	Northwest	US 2	52.39	Unnamed	Tye R	07	Culvert	No	33	Yes	4.86	1.1	RND	CST	1.22	1.22	35.25	No	0.00	4.00	7.00
995063	Northwest	US 2	52.47	Unnamed	Tye R	07	Culvert	No	33	No		1.1	RND	PCC	0.91	0.91	23.91	No	0.00	8.70	2.00
995023	Northwest	US 2	52.70	Unnamed	Tye R	07	Culvert	No	33	Yes		1.1	RND	PCC	1.22	1.22	17.69	No	0.00	6.30	1.00
995024	Northwest	US 2	52.75	Unnamed	Tye R	07	Culvert	No	33	No		1.1	RND	PCC	0.91	0.91	22.98	No	0.00	6.00	2.00
995027	Northwest	US 2	54.90	Unnamed	Tye R	07.1631	Culvert	No	33	No		1.1	BOX	CPC	2.17	1.85	28.76	No	0.32	1.50	0.50
995031	Northwest	US 2	56.19	Unnamed	Tye R	07	Culvert	No	0	No		1.1	RND	CST	0.91	0.91	29.23	No	0.19	22.00	7.00
995057	Northwest	US 2	56.86	Unnamed	Tye R	07	Culvert	No	0	No		1.1	RND	CST	0.61	0.61	53.82	No	0.24	5.30	1.00
995037	Northwest	US 2	57.66	Unnamed	Tye R	07	Culvert	No	0	No		1.1	RND	CST	0.61	0.61	47.18	No	0.20	6.50	7.00
995051	Northwest	US 2	58.00	Unnamed	Tye R	07.1695	Culvert	No	0	No		1.1	RND	PCC	0.91	0.91	30.08	No	0.04	3.00	3.00
995053	Northwest	US 2	59.62	Unnamed	Tye R	07.1705	Culvert	No	0	No		1.1	RND	CST	0.76	0.76	36.03	No	0.21	12.00	
995055	Northwest	US 2	64.32	Unnamed	Unnamed to Tye R	07	Culvert	No	0	Unknown		1.1	BOX	CPC	1.30	1.30	49.49	No	0.65	19.70	13.00
995056	Northwest	US 2	64.46	Unnamed	Tye R	07.1716	Culvert	No	0	Unknown		1.1	BOX	CPC	1.85	1.85	56.24	No	0.00	11.80	5.00

There are 1538 WSDOT barrier features inventoried as of March 2006. The number of records in this spreadsheet exceeds 1538 due to the existence of multiple pipes at some crossings, referred in this appendix as Culvert Numbers (see explanation below).

1 The culvert number identifies individual culverts at multiple stream crossings. Format X.Y, where X = specific culvert number, and Y = total number of culvert at a crossing. For example, in a triple culvert crossing, the first pipe would be 1.3, the second 2.3, and the third 3.3.

Culvert Material
PCC - precast concrete
CST - corrugated steel
SST - smooth steel
CAL - Corrugated aluminum
SPS - structural plate steel
PVC - plastic
TMB - timber
MRY - masonry
OTH - other
SPA - structural plate aluminum
CPC - cast in place concrete

Culvert Shape:
ARCH - bottomless arch
SQSH - squash
RND - round
BOX - rectangular
ELL - ellipse
OTH - other