

Appendix II. WSDOT Fishways Needing Repair or Maintenance to Address Fish Passage.

SiteId	Road	Mile Post	Stream	Tribto	WRIA	% Fish Pass	Inspection Date	Inspection Frequency	Fishway Type	Fishway Condition	Recommended Maintenance/ Repair	Funding Type	Project Status
WSDOT Northwest Region													
990376	I-405	19.12	Forbes Cr	Juanita Bay	08.0242	67			CC	MNR	A few weirs are not compliant with the design and are in need of repairs.	TP	CU
08.0070 A 0.25	I-405	26.46	Perry Cr	North Cr	08.0070 A	67	14-Oct-04	Discontinued	BC	MNR	Recommended replacement of a missing baffle in culvert and eliminating sheet flow problem at culvert outlet.	TP	SC
08.0059 7.00	I-405	29.75	Swamp Cr	Sammamish R	08.0059	67	01-Mar-05	Discontinued	BC, SBC	MNR	Replace missing streambed controls.	DI	SC
03.0181 0.50	I-5	219.4	Fisher Cr	Carpenter Cr	03.0181	67	13-Oct-04	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	DI	CU
990025	I-5	244.2	Barnes Cr	Samish Lk	03.0036	33	13-Jan-04	Discontinued	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		
995411	I-5	246.8	Chuckanut Cr	Puget Sound	01.0626	0	26-May-04	Discontinued	BC, SBC	MNR	Most of the baffles are either damaged or gone. An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	CU
990022	I-5	256.3	Baker Cr	Squalicum Cr	01.0553	33	25-May-04	Discontinued	BC, SBC	MNR	Recommend replacement with a new culvert.	DI	SC
992978	I-5 NB on Exit 256	0.01	Baker Cr	Squalicum Cr	01.0553	67	25-May-04	Discontinued	BF	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		
08.0183 1.60	I-90	18.83	EF Issaquah Cr	Issaquah Cr	08.0183	33	13-May-94	Discontinued	SBC	MNR	Recommend replacement with a new culvert.	DI	SC
996277	SR 18	0.29	Unnamed	Unnamed	10	67	02-Mar-04	Discontinued	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		
990390	SR 18	8.9	Soosette Cr	Soos Cr	09.0073	67	17-Dec-03	Discontinued	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		

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Appendix H: WSDOT Fishway Inspection Report of Maintenance to Address Fish Passage													
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990173	SR 18	22.16	Holder Cr	Sammamish Lake	08.0178	0	30-Dec-03	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	SC
07.0396 0.80	SR 18	25.67	Deep Cr	Raging R	07.0396	33	22-Apr-97	Discontinued	BC, SBC	MNR	Recommend replacement of existing culvert with a bridge during the upcoming road improvement project.	TP	SC
105 R071916a	SR 410	48.29	Boundary Cr	White R	10.0250	33	29-Dec-04	Discontinued	SBC	MNR	Recommend culvert replacement.	TP	CU
990115	SR 509	20.35	Des Moines Cr	Puget Sound	09.0377	33	20-Apr-06	Discontinued	BC	MNR	WSDOT is in the process of bridge and fishway construction at this site.	OT	SC
997679	SR 509	25.69	Miller Cr	Puget Sound	09.0371	67	25-Aug-05	Discontinued	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	CU
994459	SR 520	4.48	Unnamed	Lake Washington	08.0257	33	30-Dec-03	Discontinued	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	SC
990430	SR 522	2.86	Thornton Cr	Lake Washington	08.0030	67	20-Sep-99	Discontinued	BC, PC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		
05.0018 2.00	SR 532	6.14	Church Cr	Stillaguamish R	05.0018	67	13-Oct-04	Discontinued	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	CU
01.0228 4.80	SR 542	6.55	Anderson Cr	Nooksack R	01.0228	67	19-Oct-06	Annual	BC, WP	MNFP	The chronic aggradation issue needs to be addressed. This site is being considered for a CED project.	OT	CU
07.0148 1.30	SR 92	1.93	Catherine Cr	Stevens Cr	07.0148	67	14-Oct-04	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	DI	SC
991210	SR 99	6.86	WF Hylebos Cr	Hylebos Cr	10.0014	67	20-Apr-06	Discontinued	BC, SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	DI	CS
07.0939 0.40	US 2	23.08	Waglevs Cr	Skykomish R	07.0939	33	19-Aug-03	Discontinued	WP	MNR	Recommend removal of the old dam and non-functional fishway to allow fish passage.		UN

WSDOT North Central Region

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990882	SR 28	22.72	Lynch Coulee	Columbia R	41	0	23-Jan-04	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		UN
990202	US 97	158.3	Iron Cr	Swauk Cr	39.1209	67	04-Oct-04	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	CU
WSDOT Olympic Region													
								Discontinued					
991270	SR 109	36.43	Unnamed	Pacific Ocean	21.0715	67	12-Oct-04	Discontinued	WP	MNR	Recommend replacement of the culvert.	DI	CU
990144	SR 112	48.49	Field Cr	Strait of Juan de Fuca	19.0026	67	09-Dec-03	Discontinued	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	CU
990480	SR 112	49.48	Whiskey Cr	Strait of Juan de Fuca	19.0020	33	27-Jan-04	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	CU
991516	SR 16	20.36	Unnamed	Burley Cr	15	33	12-Dec-03	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		UN
991867	SR 16	20.44	Unnamed	Burley Cr	15	33	12-Dec-03	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		UN
105 R050320a	SR 167 NB on Exit 8	0.16	Jovita Cr	Milwaukee Canal	10.0033	67	09-Mar-04	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	CU
15.0229 0.10	SR 3	40.96	Chico Cr	Dyes Inlet	15.0229	67	17-Nov-04	Discontinued	BC	MNR	CED Project. Funding being sought to replace culvert w/ a 200' span.		UN
996742	SR 3	41.52	Unnamed	Dyes Inlet	15.0241	0	15-Jul-04	Discontinued	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		
996745	SR 3	41.81	Unnamed	Dyes Inlet	15	0	20-Jul-04	Discontinued	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		UN

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996747	SR 3	42.21	Unnamed	Dyes Inlet	15.0243	0	20-Jul-04	Discontinued	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		UN
15.0246 0.96	SR 3	44.8	Strawberry Cr	Dyes Inlet	15.0246	67	12-Sep-06	Discontinued	BC, SBC	MNR	The downstream most sacrete weir is leaking severely and needs to be repaired.		UN
996803	SR 3	47.72	Unnamed	Clear Cr	15.0254	67	08-Aug-04	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		UN
15.0051 0.10	SR 302	11.36	Little Minter Cr	Minter Cr	15.0051	67	17-Nov-04	Discontinued	BC, SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	OM	CU
15.0051 0.20	SR 302	11.42	Little Minter Cr	Minter Cr	15.0051	67	17-Nov-04	Discontinued	BC, SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	OM	CU
15.0280 1.00	SR 308	1.15	Big Scandia Cr	Liberty Bay	15.0280	67	17-Nov-04	Discontinued	BC, SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	CU
22.0507 0.10	SR 8	5	MF Wildcat Cr	Wildcat Cr	22.0507	33	08-Nov-06	Discontinued	RCC	MNR	An engineering review is needed to determine correction option, e.g., culvert replacement.		
991690	US 101	111.9	Unnamed	Stevens Cr	22	67	29-Apr-04	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	OT	CU
990178	US 101	146.9	Harlow Cr	Queets R	21.0134	67	29-Sep-05	Discontinued	BC, SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	DI	SC
990400	US 101	162.6	Steamboat Cr	Pacific Ocean	20.0574	0	01-May-06	Discontinued	BC	MNR	Recommend eliminating sheet flow in the lower half of all three barrels of the culvert.	DI	CS
20.0312 0.60	US 101	197.1	Swanson Cr	Soleduck R	20.0312	67	31-May-06	Ad Hoc	BC, SBC	MNR	Recommend replacement with a full span structure to insure unimpeded fish passage.		

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18.0283 2.00	US 101	238.4	Indian Cr	Elwah R	18.0283	67	03-Nov-04	Discontinued	BC	MNR	The 0.55m drop over the entrance weir exceeds WDFW fish passage criteria. Recommend notching the baffle (requiring concrete cutting) to facilitate fish passage.		
990448	US 101	246.4	Tumwater Cr	Port Angeles Harbor	18.0256	67	26-Sep-06	Annual	BC	MNR	The apron weir, although recently straightened and tightened, still leaks; an engineering review may be needed to determine correction.	DI	CS
990240	US 101	250.5	Lees Cr	Strait of Juan de Fuca	18.0232	0	28-Apr-04	Discontinued	BC, PC	MNR	The culvert is 0% passable, due to slope and velocity problems, and will need to be replaced.	DI	SC
18.0021 5.40	US 101	261	Matriotti Cr	Dungeness R	18.0021	67	03-Nov-04	Discontinued	SBC	MNR	All the log controls below the SR 101 are leaking and/or dewatered and have failed. Engineering required to replace the existing logs and provide fish passage.	TP	CU
990219	US 101	267.2	Johnson Cr	Sequim Bay	17.0301	67	03-Nov-04	Discontinued	BC, SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	DI	CU
115 MC093	US 101	347	Coffee Cr	Goldsborough Cr	14.0036	67	28-Apr-04	Discontinued - UB	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		UN
14.0010 0.10	US 101	356.8	Countyline Cr	Schneider Cr	14.0010	67	20-Mar-07	Annual	BC, SBC	MNFP	Re-install dislodged baffle at the downstream end of culvert.	OT	CS
WSDOT Southwest Region													
27.0305 1.00	Nevala Rd (SR 503 ROW)		Ross Cr	NF Lewis R	27.0305	33	08-Apr-04	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		UN
994532	SR 503	33.28	Unnamed	Brooks Cr	27.0432	33	15-Dec-03	Discontinued	BC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		UN
990753	SR 6	34	Unnamed	Unnamed Chehalis R trib	23	33	05-Apr-06	Discontinued	SBC	MNR	The rock control does not sufficiently backwater the culvert. The culvert should be replaced.		

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WSDOT South Central Region													
990409	SR 410	82.8	Wash Cr	American R	38	67	07-Jun-04	Discontinued	BC, SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	CU
990189	US 97	37.14	Highbridge Springs	Satus Cr	37	0	21-Jan-04	Discontinued	BC, SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	CU
WSDOT Eastern Region													
990351	SR 20	389.5	Renshaw Cr	Pend Oreille R	62.0310	0	22-Jan-04	Discontinued	SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.	TP	CU
990113	US 2	304.4	Deer Cr	Little Spokane R	55.0380	33	22-Jan-04	Discontinued	BC, SBC	MNR	An engineering review is needed to determine correction option, e.g., new fishway or culvert replacement.		UN

Fishway Type:

BF - baffled flume
BC - baffled culvert
SBC - streambed control
WP - weir pool
PC - pool-chute
CC - concrete control

Condition:

MNR - requires replacement
MNFP - requires maintenance for fish passage

Project Status:

SC - fish passage project scheduled
CS - fish passage project completed successfully
CS - fish passage project completed not completed successfully

Funding Type:

TP - safety and mobility or other road improvement projects
DI - projects within the WSDOT Environmental Retrofit Program
OT - other sources of funding supplementing or supplemented by WSDOT, such as counties, cities, or tribal entities.