

## Bay of Fundy Aquatic Connectivity Project - Top 50

MSHV Site ID	Town	Watershed	Description of Project	Cost Estimate	Blocked River Herring Habitat Acres	Blocked River Miles	Blocked Atlantic Salmon Habitat Units
D1876	Baileyville	St. Croix (Skutik) River	Woodland Dam Pulp Mill and Hydroelectric Facility on the St. Croix River. A deteriorating concrete denil fishway will be replaced with a fish lift and a new vertical slot/pool/chute fishway. Eelways and downstream passage infrastructure will also be installed to improve fish passage efficiency.	\$ 52,000,000.00	1,200.00	9.18	
D1892	Baileyville	St. Croix (Skutik) River	Grand Falls Dam Hydroelectric Facility on the St. Croix River. A ~3,850-foot-long nature-like fishway bypass will potentially be constructed through the woods to the south of the dam's powerhouse. The current, deteriorating concrete denil, fishway may also be replaced with a new technical-style fishway to improve fish passage efficiency at the site.	\$ 37,000,000.00	66,598.30	590.00	
D1494	Meddybemps	Dennys River	Meddybemps Lake Dam/Outlet. Potentially a nature-like rock ramp-style fishway will replace the concrete denil fishway and a deteriorating wooden main gate with a broken lifting mechanism to improve fish passage efficiency and maintain lake levels.				
D1492	Meddybemps	Dennys River	A former powerhouse site on the Dennys River with two engineered rock weirs just downstream of Meddybemps Lake Dam/Outlet. Potentially additional rock weirs will be installed to improve fish passage efficiency.	\$ 1,500,000.00	6,765.00	31.58	70.18
D1723	Meddybemps	Dennys River	Meddybemps Lake Canal is the secondary outlet from Meddybemps Lake to the Dennys River. Potentially a nature-like, rock ramp-style fishway will replace a small concrete dam with an Alaskan steep pass fishway to improve fish passage efficiency.				
D1486	Edmunds Twp	Cathance Stream	Great Works Dam on Cathance Stream is a Wildlife Management Area owned and operated by Maine Inland Fisheries & Wildlife that was purchased with federal funds for wildlife production. A deteriorating concrete dam with an Alaskan steep pass fishway is proposed to be replaced with more efficient fish passage. There is an additional goal to improve the stream's thermal regime.	\$ 2,371,130.67	3,424.80	4.71	72.26
D1482	Cathance Twp	Cathance Stream	Cathance Lake Dam/Outlet to Cathance Stream. The outlet structure is currently channel-spanning sheet piling and stacked boulders to maintain lake elevation with an Alaskan steep pass fishway. To improve fish passage efficiency, a historic outlet channel that is currently blocked is proposed to be opened and reconnected to Cathance Stream. There is a culvert downstream of this historic outlet that is proposed to be upgraded to a stream-smart style road-stream crossing.	\$ 875,000.00	3,242.80	1.02	10.28
13310	Marion	Cathance Stream	Marion Falls on Cathance Stream just below Rt. 86 is a set of waterfalls and a deteriorating concrete denil-style fishway with wooden baffles. It is proposed to replace the current fishway by reconnecting the historical river channel on river right that bypasses the falls, which could improve fish passage efficiency.	\$ 50,000.00	3,242.80	6.89	245.01
D1528	Whiting	Orange River	Whiting Corner Dam (Mill Pond) is the lowest dam on the Orange River. There is currently an old stacked stone/concrete deteriorating dam with no fish passage just upstream of the head of tide. The town of Whiting is having the dam rebuilt and adding a technical fishway to provide fish passage.	\$ 4,997,500.00	1,531.00	2.11	126.13
D1527	Whiting	Orange River	Orange River Reservoir Dam (Lubec Water and Electric Dam) on the Orange River is a Wildlife Management Area owned and operated by Maine Inland Fisheries & Wildlife that was purchased with federal funds for wildlife production. There is currently no fish passage. A step pool weir-style fishway is proposed to provide fish passage.	\$ 769,450.50	1,524.00	16.68	92.58

D1513	Whiting	Orange River	Rocky Lake Dam/Outlet is a concrete dam with no fish passage. It is proposed to be replaced with a nature-like fishway to provide fish passage.	\$ 2,695,813.90	1,226.60	14.74	42.62
D1529	Whiting	Orange River	The other dam on Rocky Lake is a small concrete dam with no fish passage that is proposed to be replaced with a nature-like fishway to provide fish passage.	\$ 282,919.00			
	Whiting	Orange River	Halls Mills Rd road-stream crossing below the Rocky Lake Dam is a deteriorating double culvert that is proposed to be replaced with a stream-smart style road-stream crossing.	\$ 1,521,900.00			
D1741	Perry	Boyden Stream (Little River)	Passamaquoddy Water District Dam on Boyden Stream has a concrete denil fishway with wooden baffles that will potentially be replaced with a nature-like fishway bypass to improve fish passage efficiency.	\$ 2,694,466.67	1,787.73	1.63	
D1742	Pembroke	Pennamaquan River	Upper Pennamaquan River Dam on the Pennamaquan River is a Wildlife Management Area owned and operated by Maine Inland Fisheries & Wildlife that was purchased with federal funds for wildlife production. A deteriorating concrete denil-style fishway is proposed to be replaced with a step-pool weir fishway to improve fish passage efficiency.	\$ 1,154,175.75	1,732.70	34.08	
35398	Calais	Beaver Brook	Rt. 1 road-stream crossing of Beaver Brook is a small concrete dam with an undersized, deteriorating, perched metal culvert on top of an old stacked stone structure. These structures will potentially be replaced with a stream-smart style road-stream crossing to provide fish passage.	\$ 1,881,900.00	90.00	1.53	
51986	Pembroke	Willow Brook	Old County Rd road-stream crossing of Willow Brook. An undersized, slip-lined, deteriorating, perched metal culvert will be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,162,000.00		0.49	
D1737	Perry	Boyden Stream (Little River)	Boyden Lake Dam/Outlet to Boyden Stream is a stacked sandbag and PVC pipe dam with old cribwork below it that currently has little to no fish passage at low water levels. Potentially, this structure will be replaced with a step-pool weir fishway to improve fish passage efficiency.	\$ 131,905.80	1,787.70	7.19	8.61
35663	Perry	Pottle Brook	Rt. 1 road-stream crossing of Pottle Brook is an undersized, perched metal culvert that potentially will be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,449,900.00		3.10	
35439	Perry	Corbett Brook	Old Eastport Rd road-stream crossing of Corbett Brook is an undersized, deteriorating, perched metal culvert that will be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency and tidal water exchange.	\$ 1,820,000.00		1.34	
12557	Whiting	Crane Brook	Rt. 189 road-stream crossing of Crane Brook. An undersized, concrete culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 802,000.00		1.14	11.27
52005	Pembroke	Sipp Brook	Old County Rd road-stream crossing of Sipp Brook. An undersized, deteriorating, perched metal culvert will be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency and tidal water exchange.	\$ 1,593,900.00		0.27	
12562	Trescott Twp	Card Brook	Wilcox Rd road-stream crossing of Card Brook. An undersized, deteriorating, perched metal culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 514,000.00			
51798	Lubec	Unnamed Brook (Bailey's Mistake Brook)	Boot Cove Rd road-stream crossing of an Unnamed Stream (Bailey's Mistake Brook). The undersized, deteriorating metal culverts are proposed to be replaced with a stream-smart road-stream crossing to improve fish passage efficiency.	\$ 946,000.00		1.44	
35021	Robbinston	Eastern Stream	Brewer Rd road-stream crossing of Eastern Stream. The undersized, perched, plastic culverts are proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,377,900.00		1.13	

35020	Robbinston	Eastern Stream	Sherman Hill Rd road-stream crossing of Eastern Stream. The undersized, perched, deteriorating metal and plastic culverts are proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,377,900.00	33.60	0.73	
D1736	Alexander	Dennys River	Pleasant Lake Dam/Outlet is a small concrete dam with no fish passage directly upstream of the Cooper Rd Sixteenth Stream road-stream crossing. It is proposed to be replaced with a step-pool weir fishway to provide fish passage.	\$ 202,255.56	337.00	0.73	
60017	Alexander	Dennys River	Cooper Rd road-stream crossing of Sixteenth Stream just downstream of the outlet of Pleasant Lake. An undersized metal culvert with a concrete dam on the upstream side with no fish passage is proposed to be replaced by a stream-smart style road-stream crossing that will provide fish passage.	\$ 1,665,900.00			
51903	Perry	Sipp Brook	Rt. 1 road-stream crossing of Sipp Brook. An undersized, metal culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,377,900.00		1.50	
D1880	Calais	Magurrewock Stream	Nash's Lake Dam is an old, large stone-stacked dam with no fish passage. It is proposed to be replaced with a step-pool weir-style fishway to provide fish passage and reconnect the historic outlet channel.	\$ 1,538,901.00	899.30	6.02	
52085	Dennysville	Dennys River	Milwaukee Rd road-stream crossing of an Unnamed Tributary to the Dennys River. An undersized plastic culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 874,000.00		1.38	
35449	Perry	Boyden Stream (Little River)	South Meadow Rd road-stream crossing of Boyden Stream. The undersized, deteriorating metal culverts will be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 3,321,800.00		2.63	
12563	Trescott Twp	East Stream	Wilcox Rd road-stream crossing of East Stream. An undersized, deteriorating metal culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 2,817,800.00		21.99	242.06
51999	Pembroke	Unnamed Stream (Ox Cove Rd)	Ox Cove Rd road-stream crossing of an Unnamed Stream. The undersized, deteriorating, perched culverts are proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 874,000.00		1.52	
D1745	Edmunds Twp	Crane Mill Brook	Whiting Bay Dam on Crane Mill Brook just downstream of the Rt. 1 crossing. It is a large stacked stone dam at the head of tide. The dam is proposed to be replaced with a step-pool weir-style fishway to provide fish passage and tidal water exchange.	\$ 197,858.70			
35377	Robbinston	Unnamed Stream (Lamb Cove)	Rt. 1 road-stream crossing of an Unnamed Stream that flows into the ocean at Lamb Cove. An undersized, sloped metal culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,090,000.00		0.70	
12552	Trescott Twp	Moons Brook	Rt. 189 road-stream crossing of Moons Brook. An undersized, perched metal culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 802,000.00		0.17	0.36
51948	Lubec	Nickerson Creek	Maple Tree Rd road-stream crossing of Nickerson Creek. The undersized, deteriorating, perched culverts are proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,090,000.00		1.08	9.50
35438	Perry	Corbett Brook	Rt. 1 road-stream crossing of Corbett Brook. An undersized, deteriorating metal culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 586,000.00		0.14	
51886	Lubec	Unnamed Stream (N. Lubec Rd)	North Lubec Rd road-stream crossing of an Unnamed Stream. An undersized, perched metal culvert is proposed to be replaced by a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 514,000.00		1.06	5.50
51852	Lubec	Mays Brook	Crows Neck Rd road-stream crossing of Mays Brook. An undersized, slip-lined, deteriorating metal culvert is proposed to be replaced by a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,377,900.00		1.10	10.57

51930	Lubec	Nickerson Creek	South Lubec Rd road-stream crossing of Nickerson Creek. An undersized metal culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency and tidal water exchange.	\$ 1,162,000.00		1.05	11.54
	Perry	Unnamed Stream (Gin Cove Rd)	Gin Cove Rd crossing of an Unnamed Stream. A deteriorating culvert is proposed to be replaced by a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,090,000.00			
52013	Cutler	Bog Brook	Rt. 191 road-stream crossing of Bog Brook. The undersized, deteriorating metal culverts are proposed to be replaced by a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,233,900.00		2.33	22.31
51775	Pembroke	Crow Brook	Rt. 1 road-stream crossing of Crow Brook is an undersized, slip-lined metal culvert that is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,521,900.00		3.79	
51922	Trescott Twp	Unnamed Stream (Rt. 191)	Rt. 191 road-stream crossing of an Unnamed Stream. An undersized, deteriorating metal culvert is proposed to be replaced by a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 874,000.00		0.74	6.57
D1739	Pembroke	Pennamaquan River	Lower River Dam on the Pennamaquan River is a Wildlife Management Area owned and operated by Maine Inland Fisheries & Wildlife that was purchased with federal funds for wildlife production. A step pool weir-style fishway is proposed to be constructed above the new lower fishway, replacing a deteriorating concrete denil-style fishway to improve fish passage efficiency.	\$ 439,686.00	1,732.60	0.07	
52065	Dennysville	Meadow Brook	Shipyard Rd road-stream crossing of Meadow Brook. An undersized, deteriorating metal culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,162,000.00		0.90	
51912	Dennysville	Meadow Brook	Rt. 1 road-stream crossing of Meadow Brook. An undersized, deteriorating metal culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 1,090,000.00		1.02	
51936	Lubec	Unnamed Stream (Boot Cove Rd)	Boot Cove Rd road-stream crossing of an Unnamed Stream. A plastic undersized, deteriorating culvert is proposed to be replaced with a stream-smart style road-stream crossing to improve fish passage efficiency.	\$ 802,000.00		0.78	
<b>TOTALS</b>				<b>\$ 148,675,563.55</b>	<b>97,155.93</b>	<b>781.68</b>	<b>987.35</b>