

FISH PASSAGE CULVERTS



Skagit County has 807 miles of county road with hundreds of culverts. Many of these culverts partially or wholly block fish passage to the habitats upstream. With help from Washington Department of Fish and Wildlife and Skagit System Cooperative,

Skagit County has prioritized culverts for replacement or retrofit to allow fish passage, with the added benefit of stormwater conveyance. Skagit County currently constructs two to six such projects per year.

Miller Creek Fish Passage Project

Two existing corrugated metal culverts were replaced with a 3-sided, pre-cast concrete bridge with a pre-cast concrete base. The bridge measures 24 feet in width by 10 feet in height. A simulated stream channel was constructed upstream, downstream, and through the new structure to enhance fish passage. The larger opening also increased the capacity of the roadway to safely pass flood waters, sediment and woody debris.

Benefits

- Provides access to one-half mile of high quality stream habitat for coho salmon, steelhead, and sea-run cutthroat trout.
- Increases salmon productivity.
- Reduces flood risk.
- Improves movement of sediment and woody debris through roadway.
- Improves roadside safety

Projects that provide access to high quality stream habitat, increased salmon productivity, and reduced flood risk:

<i>1999 Projects</i>	<i>Cost</i>	<i>Partners</i>
Parson Creek	\$265,000	Skagit County Washington Department of Fish and Wildlife Salmon Recovery Funding Board
Lorenzen Creek	\$218,000	Skagit County Washington Department of Fish and Wildlife Salmon Recovery Funding Board
Fisher Creek at Cedardale Road	\$310,000	Skagit County Washington Department of Fish and Wildlife Salmon Recovery Funding Board
Fisher Creek at Starbird Road	\$218,000	Skagit County Washington Department of Fish and Wildlife Salmon Recovery Funding Board

<i>2000 Projects</i>	<i>Cost</i>	<i>Partners</i>
Concrete-Sauk Valley Road at Mile Post 12.2	\$400,000	Skagit County U.S. Forest Service
Baker Lake Road	\$260,000	Skagit County U.S. Forest Service
Concrete-Sauk Valley Road at Aldon Creek	\$270,000	Skagit County



Miller Creek 3 sided box culvert

Watershed:

Skagit (WRIA 04.0661)

Cost

\$460,000

Revenue

\$308,000 Federal Emergency Management Agency
\$51,000 Washington Department of Emergency Management
\$53,000 Skagit County
\$48,000 Salmon Recovery Funding Board

Partners

Federal Emergency Management Agency
Washington Department of Emergency Management
U.S. Forest Service
Salmon Recovery Funding Board
Skagit County



Lake Cavanaugh Road Fish Passage Project