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### The Juneau Beaver Patrol and Innovative Salmon Passage

Beavers moved into the Mendenhall Glacier area, in Juneau, Alaska, a few decades ago. By 2007 the Forest Service became concerned that beavers were causing flooding and a disruption of salmon runs. They proposed trapping them out. Some who supported beavers proposed using volunteers to manage beaver activity, rather than killing them. The Beaver Patrol was established, and with the approval of the Forest Service, continues to work to minimize trail flooding while maintaining an acceptable habitat for fish, beavers and other wildlife.

A problem faced by the Beaver Patrol was to keep beavers from plugging culverts. Any solution required allowing salmon to easily migrate upstream. Their solution was to install devices which, instead of excluding beavers, just prevented them from placing large wood into the culverts. As an added benefit, salmon can swim through unabated. These devices have been very successful. This presentation will describe the logic of their design and the materials used to create them.