

Foothills Stream Crossing Partnership

Geotextile Reinforced Soil Arch Photo Gallery Hardisty Creek – July 2009

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view of outlet before construction with a hanging culvert



Removal of the culvert



Removal of the culvert



Removal of the culvert



prevent fish from moving upstream during



Installing the temporary net



Stream diversion ditch upstream



of forest floor



Downstream diversion ditch in action



placed under the road and upon construction



Metal Cages

wetar cages layered with geotextile to contain the compacted soil



layer of soil



secure the arch once in the streambed



pieces must be aligned



Construction of the metal arch



Construction of the metal arch before installation



culvert was previously



into the streambed



diversion ditch



Compressing the bank to allow the water to flow through the diversion ditch



construction



Compaction of soil around the arch



Compaction of soil around the arch



to prevent sediment from entering the creek



View of arch from water level facing downstream



construction



as sediment control at the outlet



Outlet - View of outlet after construction



completion of construction



Inlet from Right Upstream - View of inlet upon completion of construction



Inlet - View of inlet



Inlet - Arch inlet after completion of construction



View of inlet as a semi-truck passes over



View of the road after construction



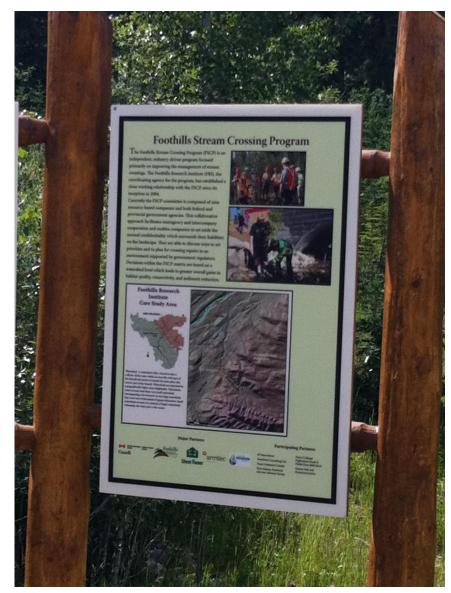
Interpretive Signs at Crossing



Panel 1



Panel 2



Panel 3



Signs with crossing in background