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DEVELOPMENT/RESTORATION FINAL REPORT INTERAGENCY COMMITTEE FOR OUTDOOR RECREATION

Sponsor Name: Chelan County Natural Resources IAC Project Number: 05-1509R
Project Name: Skinney Creek Culvert Replacement IAC Invoice Voucher Number: 3

1. Reporting period: 4th quarter 2006 Contract Start: Project Completion: December 31, 2006

2. Provide a site plan identifying the development completed in this project [2 copies, no larger than 11" x 17" size]. Please date the plans.

3. Did this project include elements as part of a mitigation plan? No [X] Yes [] If yes, explain:

4. Type and number of facilities developed [be specific]: This project replaced a barrier culvert with a modular steel bridge. The design criteria for the replacement structure includes a HS-25 load rating, a 16-ft. width and 30-ft. span with beam guardrail supported by pre-cast concrete abutments. Utilization of concrete ultra blocks provide scour protection and maintain a 19-ft. bankfull within a newly constructed simulated stream channel.

Sponsor Comments: The propose of the Skinney Creek culvert replacement project was to replace a barrier culvert that interrupted adult and juvenile salmonid passage in the Middle Wenatchee subwatershed. The project objective required the construction of 30-foot span modular steel bridge. With the exception of the projects barrier culvert, Skinney Creek provides quality tributary habitat.

Providing access in Skinney Creek will directly benefit ESA listed summer steelhead/rainbow for a least one life stage and will add 3.0 linear miles (WFDW 2005).

I hereby certify that this project has been completed in accordance with the Project Agreement. Further, I certify the completed project is consistent with both the scope of the project approved (as amended) by the Interaagency Committee for Outdoor Recreation (IAC) or Salmon Recovery Fundina Board (SRFB) and with the

Alan Schmitt 3-14-2007 HABITAT PROGRAM MANAGER 509-7667-6567

Sponsor Signature Date Title Telephone

UPPER SKINNEY CREEK 2006 Culvert Replacement



Before



After

**Project area was
isolated by nets
and sandbag dam.
Resident fish were
removed by US
Fish & Wildlife
biologists**





Within the isolated site we removed 20
Steelhead/Rainbow and 5 Brook Trout in the
5cm to 15cm size to a safe location.

Stream Diversion with pump and hose around project site.





After fish removal and stream care was provided the existing culvert was removed



- Contractor constructed the detour road allowing adjacent property owners unrestricted access. Ultra blocks were set to protect the pre-cast concrete bridge abutment.

Installation of filter fabric stream bed gravel and construction of new stream channel



Preparing to set modular steel bridge on pre-cast concrete abutments.



New stream
channel including
large boulders
and rock weirs at
Sta 1+74



Sta 1+95 rock
we r added after
review by Bruce
Herner P E





Site w re-vegetated by Washington Conservation Corps crew

- **Erosion control fabric placed on slope upstream of the bridge Plant species as required by HPA**



- Completed bridge with new stream channel and rip rap slope protection. Note rock weir at downstream side of bridge.



