



# **Upper Grande Ronde Culvert Replacement Project**

**Contract #: 75266**

**Project #: 1992-026-01**

**Completion Report**

**May 1, 2017 – April 30, 2018**

**Completed by: Joe Platz**

**United States Forest Service**

**Wallowa-Whitman National Forest**

**LaGrande Ranger District**

**LaGrande, OR**

**April 4, 2018**

## Upper Grande Ronde Culvert Replacement Project

Culvert removal/replacement occurred on Limber Jim Creek, North Fork Limber Jim Creek and North Fork West Fork Chicken Creek. All three of the pipes were round, undersized, and without native streambed. This project replaced the culverts with two arch pipes and one concrete box culvert, in which all have native streambed, are capable of passing a 100 year events and meet ODFW fish passage criteria. Culvert replacements on Limber Jim and North Fork Limber Jim Creeks will provide full passage to 2 miles of chinook, 6.5 miles of steelhead, and 7 miles of bull trout habitat. The culvert replacement on North Fork West Chicken Creek will provide habitat to 1 mile of steelhead habitat. All disturbed areas would be seeded, mulched and planted with 300 deciduous seedlings. Sedges were planted at the North Fork West Chicken Creek Culvert.



**Above:** *North Fork West Chicken Creek (pre-construction).*

### **Specific actions accomplished for North Fork West Chicken & Limber Jim Creek:**

- (1) Removed three culverts.
- (2) Constructed native streambed concrete box and arch pipe culverts.
- (3) Rehabilitated the sites.
- (4) Planted seed, seedlings and applied mulch.



**Above:** *North Fork West Chicken Creek (post construction)*

**Expected benefits for North Fork West Chicken & Limber Jim Creek:**

- \* Improved fish passage.
- \* Improved natural flow pattern of the stream channel.
- \* Reduced risk of structure failure.





**Above:** *Mainstem Limber Jim Creek (pre-construction).*



**Above:** *Mainstem Limber Jim Creek (post construction).*





**Above:** *North Fork Limber Jim Creek (pre-construction)*

**Below:** *North Fork Limber Jim creek (post construction)*



## **BUDGET**

**BPA: \$182,172**

*OWEB*: \$87,505

*USFS*: \$11,955

*CTUIR*: \$110,152

**TOTAL COST: \$391,784**