CASE STUDY

INDIAN RIVER

Highway Embankment
New Port, WA

PROJECT SUMMARY

Pend Oreille County needed to remove a culvert on Indian Creek that was preventing Bull Trout, a threatened species, from traveling upstream to spawn. Additionally, the county needed to realign the road to address its aging condition and residents wanted a solution with a natural, vegetated look rather than a concrete wall along the wetland.

The culvert was replaced with a 58-foot, single-span bridge. Limited physical and right-of-way access dictated that steep wing-walls would be needed for the earth-fill embankment approaches. Steel sheet pile would exceed the budget, and vinyl sheet pile didn't meet the strength criteria.

PYRAWALL® was selected because it is an engineered wrap-face, vegetated solution that costs less than a concrete retaining wall. PYRAWALL was used to build a more economical 210 feet long and 14 feet tall east-approach embankment, and the 340 feet long and 18 feet tall west-approach embankment.

BEFORE

INSTALLATION

PYRAWALL®
Engineered Vegetated Wall System

PropexGlobal.com/Pyrawall