

PPRESTIGIOUS Engineers

Project: Carpenter Creek Fish Passage Project
Contractor: Granite Construction Company

Engineering and Design Services Quote

Task #1: Contractor Designed Buried Structure (CDBS) Culvert and Approach Slab Design

Pricing: \$15,000.00

- Complete engineering and design packages for the precast CDBS Culvert #1 and precast approach slabs for the CDBS.
- Drawings and calculations shall be sealed by a Professional Engineer licensed in the State of Washington.
- Design Specification: WSDOT Standard Specification Section 6-20
- Precast pieces shall include pick points allowing a sling angle of 60-degrees.

Task #2: Contractor Designed Buried Structure (CDBS) Traffic Barrier & Lightweight Concrete Wingwall Designs

Pricing: \$7,000.00

- Complete engineering and design package for the precast single sloped traffic barrier at the ends of the CDBS culvert lids.
- Complete engineering and design package for the precast culvert lightweight concrete wingwalls.
- Engineering includes mechanical connection points for wingwalls to CDBS culvert structure.
- Wingwall concrete is lightweight concrete
- Backfill material behind wingwalls includes borrow and lightweight volcanic borrow
- Design Specification: WSDOT Standard Specification Section 6-20
- Precast pieces shall include pick points allowing a sling angle of 60-degrees.

Scope Exclusions:

- Onsite engineering or field inspections