**Project:** Carpenter Creek Fish Passage

**To:** Granite Construction Company

**SCOPE OF SERVICES:**

**Temporary Stream Diversion $5,000.00 LS**

* Design with engineering calculations to develop pipe size and fittings for a single temporary diversion and pipe alignment. (double price if a secondary alignment design is required)
	+ Submittal Package provides:
		- Professional Engineer State of Washington stamp
		- Engineered Calculations
		- Pump minimum requirements
	+ Exclusion:
		- Field Inspections or site visits

**Temporary Grading Plan $5,500.00 LS**

* Design with engineering calculations to develop grading plan for open cut excavation for the culvert structure.
	+ Submittal Package provides:
		- Professional Engineer State of Washington stamp
		- Engineered Calculations
		- Slope stability analysis for Contractor required slopes\*
			* Crane ground bearing pressure shall be provided by Contractor
		- Construction drawings, notes, and details
	+ Exclusions:
		- Temporary shoring plan design
		- Dewatering plan design
		- Implementation of grading plan
		- Field inspection or site visits

Clarifications & Assumptions:

Hourly rate for field inspections or site visits: $200/hr + travel time

\*Assumed allowable slopes based on general review of the Geotechnical Report.

* 1.25H : 1V Slope
	+ No surcharge or loading is allowed within 50 feet of top of slope
* 1.5H : 1V Slope
	+ Equipment surcharge is acceptable within 10 feet of top of slope
	+ Crane surcharge is acceptable within 20 feet of top of slope

Sincerely,

Sly A. Marcus, PE

Owner