

APPENDIX A
ENGINEERING

Estimated line item quantities

<u>Work Item</u>	<u>Unit</u>	<u>Quantity</u>
Mobilization/Demobilization	EA	1
Excavation with on-site disposal	CY	6,900
Mirafi HP665 or equivalent	SY	3,600
COE 15 inch stone	TN	17,300
Concrete lagging panels & temporary support system	EA	320
No. 57 Stone	TN	400
24" HDPE drain	LF	120
18" HDPE drain	LF	80
24" headwall (drain anchorage feature)	EA	2
18" headwall	EA	1
Grout	CY	30
No. 1 & 2 Stone for access road	TN	500
Mirafi HP570 or equivalent for access road	SY	2,500
Catch basin replacement	EA	1
Road reconstruction	SF	5,280
Asphalt removal with off-site disposal at an approved facility	CY	200
Guardrail installation	LF	240
Clearing & grubbing	AC	0.5
Seeding	AC	0.5
Traffic control signal	EA	1
Erosion & sediment control (e.g. silt fence)	LF	1,000