



Item #	Vtrans Item	RS Means Item	Description	Estimated Quantity	Unit	Material	Labor	Equipment	Unit Cost	Total Cost (ENR 9900) ⁽¹⁾	Total Cost (ENR 10000) ⁽²⁾
I. CONSTRUCTION COST											
1	204.20		Trench Excavation of Earth	250	CY	\$ -	\$ 5.00	\$ 7.00	\$ 12.00	\$ 3,000.00	\$ 3,030.30
2	204.22		Trench Excavation of Earth, Exploratory	100	CY	\$ 15.00	\$ 25.00	\$ 25.00	\$ 65.00	\$ 6,500.00	\$ 6,565.66
3	204.25		Structure Excavation	50	CY	\$ -	\$ 5.00	\$ 15.00	\$ 20.00	\$ 1,000.00	\$ 1,010.10
4	204.30		Granular Backfill for Structures	40	CY	\$ 22.00	\$ 5.00	\$ 7.00	\$ 34.00	\$ 1,360.00	\$ 1,373.74
5			Bituminous Pavement	160	SY				\$ 70.13	\$ 11,220.00	\$ 11,333.33
6	601.09		CPEP (24")	150	LF	\$ 22.00	\$ 16.00	\$ 14.00	\$ 52.00	\$ 7,800.00	\$ 7,878.79
7			3/4" Crushed Stone for Pipe	80	CY	\$ 18.00	\$ 5.00	\$ 7.00	\$ 30.00	\$ 2,400.00	\$ 2,424.24
8	604.21		Precast Reinforced Concrete Catch Basin with Cast Iron Cover	30	VF	\$ 310.00	\$ 15.00	\$ 25.00	\$ 350.00	\$ 10,500.00	\$ 10,606.06
9	635.11		Mobilization/Demobilization	1	LS	\$ 20,000.00			\$ 20,000.00	\$ 20,000.00	\$ 20,202.02
10	649.51		Geotextile for Silt Fence	600	SY	\$ 2.50	\$ 2.50		\$ 5.00	\$ 3,000.00	\$ 3,030.30
#REF!	652.10		Erosion Prevention Sediment Control Plan	1	LS	\$ 2,500.00			\$ 2,500.00	\$ 2,500.00	\$ 2,525.25
#REF!	652.20		Monitoring Erosion Prevention Sediment Control Plan	60	HR		\$ 60.00		\$ 60.00	\$ 3,600.00	\$ 3,636.36
#REF!	652.30		Maintenance of EPSCP	1	LS	\$ 6,000.00			\$ 6,000.00	\$ 6,000.00	\$ 6,060.61
#REF!	653.35		Vehicle Tracking Pad	20	CY	\$ 30.00	\$ 5.00	7	\$ 42.00	\$ 840.00	\$ 848.48
17			Pre-treatment Downstream Defender	1	LS				\$ 22,249.84	\$ 22,249.84	\$ 22,474.59
18			Drywells (All inclusive)	2	EA				\$ 11,677.84	\$ 23,355.68	\$ 23,591.60
19			Infiltration Gallery (All inclusive)	1	LS				\$ 131,720.00	\$ 131,720.00	\$ 133,050.51
20			Bonds (2.0%)	1	LS				\$ 5,140.91	\$ 5,140.91	\$ 5,192.84
SUBTOTAL CONSTRUCTION:										\$ 264,834.78	
USE:										\$ 270,000.00	
II. CONSTRUCTION CONTINGENCY											
1			Construction Contingency (15%)	1					\$ 40,500.00	\$ 40,500.00	
SUBTOTAL CONSTRUCTION CONTINGENCY:										\$ 40,500.00	
III. FINAL DESIGN ENGINEERING⁽³⁾											
1			Final Design and Permitting (excluding geotechnical)	1					\$ 20,580.00	\$ 20,580.00	
2			Geotechnical	1					\$ 2,700.00	\$ 2,700.00	
SUBTOTAL FINAL DESIGN ENGINEERING:										\$ 23,280.00	
IV. CONSTRUCTION PHASE ENGINEERING⁽³⁾											
1			Construction Phase Engineering	1					\$ 37,730.00	\$ 37,730.00	
SUBTOTAL CONSTRUCTION PHASE ENGINEERING:										\$ 37,730.00	
V. OTHER COSTS											
1			Administrative	1					\$ 1,350.00	\$ 1,350.00	
2			Easement Assistance	1					\$ 4,050.00	\$ 4,050.00	
3			Land Acquisition	0	Acre				\$ 120,000.00	\$ -	
4			Legal	1					\$ 4,050.00	\$ 4,050.00	
5			Bond Vote Assistance	1					\$ 1,350.000	\$ 1,350.000	
6			Short Term Interest	1					\$ 6,750.000	\$ 6,750.000	
SUBTOTAL OTHER COSTS:										\$ 17,550.00	
TOTAL PROJECT COST:										\$ 389,060.00	
USE:										\$ 390,000.00	

Notes:

1. ENR 9900 = November 2014
2. ENR 10,000 = June 2015
3. Engineering costs for Final Design and Construction are based on the VT DEC Facilities Engineering Fee Curve Allowance