

Town of Hinesburg, Vermont  
 Farmall Drive Connector  
 ENGINEER'S CONCEPTUAL OPINION OF CONSTRUCTION COSTS



Date: January 27, 2016

Item No.	Item Description	Total Quantities	Units	Unit Price	Total
	Fixed Maximum Lump Sum Items				
1.0	Contract General Conditions	1	F.M.L.S.	\$7,600.00	\$7,600.00
	Lump Sum Items				
2.0	Erosion Prevention and Sediment Control	1	L.S.	\$1,000.00	\$1,000.00
	Unit Price Items				
3.0	Earthwork				
3.1	Rock Removal	20	C.Y.	\$150.00	\$3,000.00
3.2	Additional Excavation Below Subgrade	20	C.Y.	\$30.00	\$600.00
3.3	Additional Bedding Materials Below Subgrade				
3.3.1	Additional 3/4" Crushed Stone Bedding Below Subgrade	20	C.Y.	\$46.00	\$920.00
3.3.2	Additional Bank Run Sand Bedding Below Subgrade	20	C.Y.	\$42.00	\$840.00
3.3.3	Additional Bank Run Gravel Bedding Below Subgrade	20	C.Y.	\$43.00	\$860.00
3.4	Miscellaneous Excavation and Backfill	20	C.Y.	\$47.00	\$940.00
4.0	Hydrant Assemblies				
4.1	Fire Hydrant Assembly	1	EA.	\$4,500.00	\$4,500.00
4.2	Fire Hydrant Removal	1	EA.	\$800.00	\$800.00
4.3	Fire Hydrant Extension	1	VLF	\$800.00	\$800.00
5.0	Ductile Iron Fittings				
5.1	D.I. M.J. Water Main Fittings	200	LBS	\$3.00	\$600.00
5.0	Thrust Blocks				
5.1	Cast in Place Concrete Thrust Blocks	1	C.Y.	\$300.00	\$300.00
6.0	Bituminous Concrete Pavement including Gravel Base and Gravel Subbase				
6.1	Bituminous Concrete Pavement, Full Depth Road Reconstruction	620	S.Y.	\$45.00	\$27,900.00
6.2	Bituminous Concrete Pavement, Patch	30	S.Y.	\$40.00	\$1,200.00
7.0	Curb				
7.1	Concrete Curb	410	L.F.	\$30.00	\$12,300.00
8.0	Sidewalk				
8.1	Concrete Sidewalk	530	S.F.	\$11.00	\$5,830.00
8.2	Sur-Pak Gravel Walk	810	S.F.	\$8.00	\$6,480.00
9.0	Sanitary Sewer Piping				
9.1	6-inch Sanitary Sewer	115	L.F.	\$50.00	\$5,750.00
10.0	Uniformed Traffic Control				
10.1	Uniformed Traffic Control	16	HRS.	\$60.00	\$960.00

Subtotal Construction Costs	\$83,000.00
Construction Contingency (@20%)	\$16,600.00
Bid, Constr. Admin. & RPR Engineering Services	\$16,400.00
<b>Total Project Cost</b>	<b>\$116,000.00</b>

**Notes:**

- 1.0 Quantity estimates are based on Concept Sketch prepared by Otter Creek Engineering dated January 25, 2016.
- 2.0 This estimate does not include any building, site electrical or landscaping costs. This estimate does not include costs for overhead utility and pole relocation.
- 3.0 Unit Pricing is based on Otter Creek Engineering's experience with past similar projects and discussions with contractors. Otter Creek Engineering has no control over actual construction pricing.
- 4.0 This Conceptual Opinion of Site Construction Costs has been prepared before any formal design by this office and has been completed, to assist the Owner in the "go/no-go" decision. The cost information provided herein must be given appropriate consideration given the limited design prepared to date.