

OPINION OF PROBABLE CONSTRUCTION COST

Middlebury Project #29-002: Colonial Drive

Colonial Drive				ENGINEER COST OPINION	
DESCRIPTION	UNIT	QTY.	UNIT	TOTAL	
			PRICE	AMOUNT	
A-1	8" D.I. Water Main	l.f.	785	\$125.00	\$98,125.00
A-2	6" D.I. Water Main	l.f.	10	\$240.00	\$2,400.00
A-3	3/4" Copper House Service	l.f.	180	\$45.00	\$8,100.00
A-4	Polyethylene Encasement	l.f.	800	\$2.00	\$1,600.00
B-1	8" Gate Valve & Vault	ea.	1	\$8,000.00	\$8,000.00
B-2	3/4" Curb Stops & Boxes	ea.	7	\$200.00	\$1,400.00
B-3	3/4" Corporation Stops	ea.	7	\$300.00	\$2,100.00
B-4	Fire Hydrant Branch Connection	ea.	1	\$6,000.00	\$6,000.00
B-5	Decommissioning of Existing 6" Water Main	l.s.	1	\$500.00	\$500.00
B-6	Install, Disinfect, Test Water Main & Service	l.s.	1	\$2,000.00	\$2,000.00
C-1	Rock Excavation	c.y.	50	\$150.00	\$7,500.00
C-2	Excavation & Rep. of Unsuitable Material	c.y.	10	\$20.00	\$200.00
C-3	Miscellaneous Extra Excavation	c.y.	500	\$32.00	\$16,000.00
C-4	Boulder Excavation	c.y.	2	\$80.00	\$160.00

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D-1	Full-width Roadway Reclamation	s.y.	3760	\$6.50	\$24,440.00
D-2	Full-width Pavement	s.y.	3760	\$23.00	\$86,480.00
D-3	Bituminous Concrete Pavement (Trenches, Driveways, Aprons)	s.y.	430	\$50.00	\$21,500.00
D-4	Concrete Sidewalk	s.y.	25	\$72.00	\$1,800.00
D-5	Concrete Sidewalk Removal	s.y.	25	\$18.00	\$450.00
D-7	Detectable Warning Surface	s.f.	16	\$40.00	\$640.00
E-1	8" PVC SDR 35 Gravity Sewer (0' - 10' Deep)	l.f.	1355	\$100.00	\$135,500.00
E-2	4" PVC SDR 35 Sewer Service	l.f.	430	\$60.00	\$25,800.00
E-3	Underground Structure Removal	ea.	6	\$500.00	\$3,000.00
E-4	Decommission Existing Sanitary Sewer Line	l.s.	1	\$2,000.00	\$2,000.00
E-5	48" Precast Sewer Structure	v.f.	90	\$525.00	\$47,250.00
F-1	18" Storm Sewer Drainage Pipe	l.f.	2305	\$80.00	\$184,400.00
F-2	12" Storm Sewer Drainage Pipe	l.f.	46	\$60.00	\$2,730.00
F-3	Underground Structure Removal	ea.	3	\$500.00	\$1,500.00
F-4	Removal of Existing Culverts	l.f.	600	\$10.00	\$6,000.00
F-5	Core Into Existing Structure	l.s.	1	\$750.00	\$750.00
F-6	48" Nyloplast Storm Sewer Structures	v.f.	36.3	\$450.00	\$16,335.00
F-7	24" Nyloplast Storm Sewer Structures	v.f.	148.3	\$300.00	\$44,490.00
F-8	48" Precast Storm Sewer Structures	v.f.	29	\$550.00	\$15,950.00

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G-1	Class "B" Concrete	c.y.	5	\$350.00	\$1,750.00
G-2	Rigid Trench Insulation	s.f.	160	\$3.00	\$480.00
G-3	Calcium Chloride Dust Control	TON	1.5	\$1,000.00	\$1,500.00
G-4	Traffic Control Flaggers	Hrs.	80.0	\$45.00	\$3,600.00
G-5	Erosion Prevention/Sediment Control	l.s.	1	\$2,000.00	\$2,000.00
H-1	Bonds	l.s.	1	\$16,000.00	\$16,000.00
H-2	Site Preparation and Miscellaneous Work	l.s.	1	\$63,000.00	\$63,000.00
TOTAL					\$863,430.00

10% CONTINGENCY: \$86,343.00

TOTAL CONSTRUCTION: \$949,773.00

		PERCENTAGE
WATER TOTAL:	\$139,835.00	16.20%
SEWER TOTAL:	\$231,990.00	26.87%
HIGHWAY TOTAL:	\$412,605.00	47.79%
SHARED:	\$79,000.00	9.15%
CHECK	\$863,430.00	100.00%

NOTES:

1. This Opinion of Probable Construction Cost is based on the current design at the time of printing. Changes in design may significantly affect cost.
2. Costs prepared by Green Mountain Engineering, Inc. are dated November 2021 and reflect construction costs of work completed in 2022.