

Pemberwick Road - Greenwich, CT - Development of Opinion of Probable Project Costs

			ALT 1-A		ALT 1-B		ALT 2	
Mobilization	var	ls	1	\$ 25,000	1	\$ 25,000	1	\$ 85,000
Traffic Control	var	ls	1	\$ 20,000	1	\$ 20,000	1	\$ 40,000
Test Pits	95	ea	2	\$ 190	2	\$ 190	6	\$ 570
Trenching/Surveying	73	lf	504	\$ 36,792	389	\$ 28,397	2277	\$ 166,221
Utility Relocation	23755	ea	1	\$ 23,755	1	\$ 23,755	5	\$ 118,775
Mechanical Demolition	20.87	lf	389	\$ 8,118	389	\$ 8,118	1161	\$ 24,230
Manholes/Catch Basins	12000	ea	7	\$ 84,000	5	\$ 60,000	29	\$ 348,000
Retrofit Structures	5000	ea	0	\$ -	0	\$ -	2	\$ 10,000
12" Pipe	36.35	lf	39	\$ 1,418	39	\$ 1,418	822	\$ 29,880
15" Pipe	40.2	lf	115	\$ 4,623	0	\$ -	305	\$ 12,261
18" Pipe	50.46	lf	350	\$ 17,661	350	\$ 17,661	45	\$ 2,271
36" Pipe	167.42	lf	0	\$ -	0	\$ -	1105	\$ 184,999
Engineered Slope	115	cy	0	\$ -	300	\$ 34,500	0	\$ -
Stabilization	40	1	0	\$ -	0	\$ -	1000	\$ 40,000
Pavement	36.42	lf	504	\$ 18,356	389	\$ 14,167	2277	\$ 82,928
Landscaping	17	sf	1000	\$ 17,000	0	\$ -	3000	\$ 51,000

Opinion of Probable Construction Costs (2009)	\$ 256,913	\$ 233,206	\$ 1,196,135
Opinion of Probable Construction Costs (2011)	\$ 294,139	\$ 266,998	\$ 1,369,455
Contingency (25%)	\$ 73,535	\$ 66,750	\$ 342,364
Design and Implementation (25%)	\$ 91,919	\$ 83,437	\$ 427,955
Opinion of Probable Project Costs (2011)	\$ 459,593	\$ 417,184	\$ 2,139,773

*Assumes 7% inflation rate