



City of Suffolk

Dept. of Public Works Engineering Division
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Engineer's Estimate

Item Description	Quantity	Unit	Price	Total
Erosion and Sediment Control Items				
Temp. Cost. Entrance	0	EA	\$2,000.00	\$0.00
Clearing and Grubbing	0	AC	\$6,000.00	\$0.00
Straw Bale Barrier	0	SY	\$5.00	\$0.00
Silt Fence	0	LF	\$3.00	\$0.00
Storm Drain Inlet Protection	0	EA	\$300.00	\$0.00
Culvert Inlet Protection	0	EA	\$200.00	\$0.00
Temp. Diversion Dike	0	EA	\$5.00	\$0.00
Temporary Sediment Trap	0	CY	\$14.50	\$0.00
Temporary Sediment Basin	0	CY	\$14.50	\$0.00
Outlet Protection	0	CY	\$100.00	\$0.00
Rock Check Dams TY-I	0	EA	\$600.00	\$0.00
Dewatering Structures	0	EA	\$1,166.50	\$0.00
Topsoiling - 4 Inches in Depth	0	AC	\$6,325.00	\$0.00
Temporary Seeding	0	AC	\$3,000.00	\$0.00
Permanent Seeding	0	AC	\$3,000.00	\$0.00
Mulching (straw)	0	AC	\$1,337.00	\$0.00
Tree Protection	0	LF	\$3.00	\$0.00
Erosion & Sediment Control Total				\$0.00
Curb/Gutter & Sidewalk				
CG-2/3	0	LF	\$16.00	\$0.00
CG-6	0	LF	\$21.60	\$0.00
CG-7	0	LF	\$22.00	\$0.00
CG-9/10	0	SY	\$75.00	\$0.00
CG-11	0	SY	\$75.00	\$0.00
Valley Gutter	0	SY	\$25.00	\$0.00
Curb and Gutter and Remove and Replace	0	N/A	2.5Xcost of installation	\$0.00
CG Remove	0	N/A	1.5Xcost of installation	\$0.00
Concrete Sidewalk	0	SY	\$43.00	\$0.00
Asphalt Sidewalk	0	TON	\$82.00	\$0.00
Handicap Ramps	0	EA	\$1,500.00	\$0.00
Handicap Ramps Remove and Replace	0	N/A	2.5Xcost of installation	\$0.00
Handicap Ramps Remove	0	N/A	1.5Xcost of installation	\$0.00
Curb/Gutter & Sidewalk Total				\$0.00
Pavement				
Subgrade Preparation	0	SY	\$3.10	\$0.00
AGGR. Base Stone 21A/B	0	TON	\$55.00	\$0.00
Asphalt SM-9.5	0	TON	\$82.00	\$0.00
Asphalt IM-19.0D	0	TON	\$80.00	\$0.00
Asphalt BM - 25.0A	0	TON	\$79.00	\$0.00
Miling (1.5"D)	0	SY	\$16.00	\$0.00
Select Fill Minimum CBR-20	0	TON	\$65.00	\$0.00

Geotech Fabric	0	SY	\$2.50	\$0.00
Hydraulic Conc. Pavement	0	CY	\$296.00	\$0.00
Saw Cut (Flexible Pave.)	0	LF	\$6.30	\$0.00
Saw Cut (Rigid Pave.)	0	LF	\$13.75	\$0.00
Pavement Total				\$0.00
Drainage Pipes and Structures				
12" RCP	0	LF	\$46.95	\$0.00
15" RCP	0	LF	\$39.90	\$0.00
18" RCP	0	LF	\$44.00	\$0.00
21" RCP	0	LF	\$57.00	\$0.00
24" RCP	0	LF	\$62.30	\$0.00
27" RCP	0	LF	\$145.35	\$0.00
30" RCP	0	LF	\$79.50	\$0.00
36" RCP	0	LF	\$114.45	\$0.00
42" RCP	0	LF	\$166.35	\$0.00
48" RCP	0	LF	\$216.45	\$0.00
54" RCP	0	LF	\$276.50	\$0.00
60" RCP	0	LF	\$278.60	\$0.00
66" RCP	0	LF	\$306.00	\$0.00
72" RCP	0	LF	\$333.40	\$0.00
14"X23" HERCP	0	LF	\$95.75	\$0.00
19"X30" HERCP	0	LF	\$186.95	\$0.00
22"X34" HERCP	0	LF	\$186.95	\$0.00
24"X38" HERCP	0	LF	\$151.40	\$0.00
29"X45" HERCP	0	LF	\$188.15	\$0.00
32"X49" HERCP	0	LF	\$188.70	\$0.00
34"X53" HERCP	0	LF	\$194.65	\$0.00
38"X60" HERCP	0	LF	\$227.50	\$0.00
43"X68" HERCP	0	LF	\$307.26	\$0.00
48"X76" HERCP	0	LF	\$376.00	\$0.00
53"X83" HERCP	0	LF	\$383.00	\$0.00
58"X91" HERCP	0	LF	\$407.10	\$0.00
12" FES	0	EA	\$454.85	\$0.00
15" FES	0	EA	\$496.10	\$0.00
18" FES	0	EA	\$526.85	\$0.00
21" FES	0	EA	\$553.40	\$0.00
24" FES	0	EA	\$675.60	\$0.00
27" FES	0	EA	\$722.25	\$0.00
30" FES	0	EA	\$1,017.20	\$0.00
36" FES	0	EA	\$1,050.55	\$0.00
42" FES	0	EA	\$1,353.45	\$0.00
48" FES	0	EA	\$2,600.00	\$0.00
54" FES	0	EA	\$2,069.00	\$0.00
60" FES	0	EA	\$3,296.20	\$0.00
34"X53" FES	0	EA	\$3,992.35	\$0.00
Remove Pipe	0	LF	50% of installation	\$0.00
JB-1	0	EA	\$6,000.00	\$0.00
Tie into Existing Structure	0	EA	33% of the cost of the structure	\$0.00
Remove Structure	0	EA	50% of the cost of the structure	\$0.00
Box Culvert 3'x5'	0	LF	\$229.00	\$0.00
Box Culvert 4'x5'	0	LF	\$271.00	\$0.00
Box Culvert 4'x6'	0	LF	\$287.00	\$0.00
Box Culvert 4'x7'	0	LF	\$351.00	\$0.00

Box Culvert 5'x5'	0	LF	\$375.00	\$0.00
21" Endwall	0	EA	\$576.00	\$0.00
24" Endwall	0	EA	\$668.85	\$0.00
27" Endwall	0	EA	\$780.68	\$0.00
30" Endwall	0	EA	\$892.50	\$0.00
36" Endwall	0	EA	\$1,063.65	\$0.00
42" Endwall	0	EA	\$3,560.55	\$0.00
48" Endwall	0	EA	\$4,021.50	\$0.00
72" Endwall	0	EA	\$5,379.15	\$0.00
EW-7 Twin 48" Pipe	0	EA	\$6,127.80	\$0.00
21" Headwall	0	EA	\$600.00	\$0.00
36" Headwall	0	EA	\$900.00	\$0.00
42" Headwall	0	EA	\$3,000.00	\$0.00
Drainage Structure				
\$600 per vertical foot	Quantity	Depth in feet	Price	Total
	0	0	\$600.00	\$0.00
	0	0	\$600.00	\$0.00
	0	0	\$600.00	\$0.00
	0	0	\$600.00	\$0.00
	0	0	\$600.00	\$0.00
	0	0	\$600.00	\$0.00
	0	0	\$600.00	\$0.00
Drainage Pipes and Structures Total				\$0.00
Manhole				
\$500 per vertical foot	Quantity	Depth in feet	Price	Total
	0	0	\$500.00	\$0.00
	0	0	\$500.00	\$0.00
	0	0	\$500.00	\$0.00
	0	0	\$500.00	\$0.00
	0	0	\$500.00	\$0.00
	0	0	\$500.00	\$0.00
	0	0	\$500.00	\$0.00
	0	0	\$500.00	\$0.00
	0	0	\$500.00	\$0.00
	0	0	\$500.00	\$0.00
Item Description	Quantity	Unit	Price	Total
Repair Benches & Inverts	0	EA	\$575.00	\$0.00
Rip-Rap (EC-1)	0	TON	\$75.00	\$0.00
Restoration Grade & Seed	0	SY	\$2.70	\$0.00
Safety Fence	0	LF	\$3.00	\$0.00
Guardrail (GR-7 & GR-9)	0	EA	\$2,125.00	\$0.00
Guardrail (GR-6)	0	LF	\$30.00	\$0.00
Guardrail (GR-2)	0	LF	\$24.10	\$0.00
Guardrail (GR-2A)	0	LF	\$35.25	\$0.00
Guardrail Mobilization	0	LS	\$750.00	\$0.00
As-Built Drawings Review	0	LS	\$4,025.00	\$0.00
Manhole Total				\$0.00
Ditches				
Paved Ditch	0	SY	\$56.30	\$0.00
Ditch	0	CY	\$5.00	\$0.00
Swale	0	LF	\$3.00	\$0.00
Fill Existing Ditch	0	CY	\$18.00	\$0.00
Regrade/Temp Ditch	0	CY	\$5.00	\$0.00
Ditches Total				\$0.00

Lake/BMP

Please provide a unit cost and break down below for the various Stormwater Management Facility Systems, these items must be reviewed and approved by the Department of Public Works Engineering Division

Miscellaneous

additional items which may not have been covered above