



**Westtown School
Oak Lane Project
Opinion of Probable Cost for Public Improvements**

Item	Description	Quantity	Unit	Unit Price	Total Cost
A.	EARTHWORK & STABILIZATION				
1.	Tree Removal, incl stump removal	21.00	EA	332.81	\$6,989.01
2.	Strip and Stockpile Topsoil	9421	CY	2.31	\$21,762.51
3.	Earth Cut (Bulk)	25948	CY	2.76	\$71,616.48
4.	Earth Fill (Bulk)	25681	CY	2.76	\$70,879.56
5.	Earth Export	267	CY	9.98	\$2,664.66
6.	Topsoil Placement	4619	CY	2.31	\$10,669.89
7.	Inlet Protection	3	EA	200.00	\$600.00
8.	12" Compost Filter Sock	388	LF	7.50	\$2,910.00
9.	18" Compost Filter Sock	1123	LF	13.50	\$15,160.50
10.	24" Compost Filter Sock	1859	LF	18.00	\$33,462.00
11.	Lawn Seeding (Hydro, with fertilizer)	56716.0	SY	1.05	\$59,551.80
12.	Rock Construction Entrance	3.5	EA	1,500.00	\$5,250.00
13.	Slope Matting	14725	SY	4.84	\$71,269.00
14.	Sediment Trap (Temp riser, baffle wall, trash rack)	1	LS	3,500.00	\$3,500.00
15.	Sediment Basin (Skimmer/dewatering facility, trash rack)	1	LS	5,000.00	\$5,000.00
16.	Concrete Washout	1	EA	1,600.00	\$1,600.00
17.	Tree Protection Fence	235	LF	2.68	\$629.80
	Subtotal Earthwork & Stabilization				\$383,515.21
B.	PAVING				
1.	Parking Lot Paving (includes wearing course, base course, and stone base)	3744	SY	53.28	\$199,480.32
2.	Pedestrian Path Paving (includes wearing course, base course, and stone base)	1382	SY	47.02	\$64,981.64
3.	Concrete Sidewalks (includes stone base)	15,996	SF	15.77	\$252,256.92
4.	Detectable Warning Strips	241	SF	30.05	\$7,242.05
5.	Cobble Curb	1619	LF	32.77	\$53,054.63
6.	Concrete Stairs	42	Riser	423.00	\$17,766.00
7.	4" Line Striping	1602	LF	0.37	\$592.74
8.	24" Line Striping (Crosswalks)	144	LF	3.00	\$432.00
9.	12" Line Striping (Gore Area, Painted Islands)	276	LF	1.50	\$414.00
10.	Painted Stop Bar	75	LF	3.00	\$225.00
11.	Painted Directional Arrows/Handicap Stamp	267	SF	2.10	\$560.70
12.	4" Double Yellow Line	551	LF	0.74	\$407.74
13.	Concrete Wheel Stops	2	EA	75.57	\$151.14
	Subtotal Paving				\$597,564.88

C. WATER					
1.	1" SDR-9 PE Water Line	1,175	LF	\$ 14.97	\$ 17,589.75
2.	2" SDR-9 PE Water Line	315	LF	\$ 17.50	\$ 5,512.50
3.	2" Tee	2	EA	\$ 59.77	\$ 119.54
4.	2"x1" Reducer	2	EA	\$ 39.70	\$ 79.40
5.	4"x1" Reducer	1	EA	\$ 100.00	\$ 100.00
6.	4" Gate Valve	1	EA	\$ 2,022.00	\$ 2,022.00
7.	Above Grade Frost-Free Hydrant	1	EA	\$ 319.34	\$ 319.34
8.	Below Grade Hydrant	1	EA	\$ 686.24	\$ 686.24
9.	Curb Box and Valve	6	EA	\$ 1,451.23	\$ 8,707.38
10.	Valve Pit w/ Backflow Preventer	1	EA	\$ 3,000.00	\$ 3,000.00
11.	Test Water System	1	LS	\$ 1,750.00	\$ 1,750.00
	Subtotal Water				\$39,886.15
D. SANITARY SEWER					
1.	4" SDR-35 Pipe	30	LF	\$ 37.75	\$1,132.50
2.	6" SDR-35 Pipe	841	LF	\$ 42.39	\$ 35,649.99
3.	4" SCH-40 Trap/Vent/Cleanout	1	EA	\$ 1,075.00	\$ 1,075.00
4.	4' Dia. Manhole	4	EA	\$ 4,131.00	\$ 16,524.00
5.	Connect to Existing Manhole	1	LS	\$ 1,500.00	\$ 1,500.00
6.	Test Sanitary	1	LS	\$ 937.50	\$ 937.50
	Subtotal Sanitary Sewer				\$56,818.99
E. STORMWATER					
1.	8" SLCPP (incl. fittings and connections)	321	LF	38.49	\$12,355.29
2.	10" SLCPP (incl. fittings and connections)	187	LF	39.65	\$7,414.55
3.	12" SLCPP (incl. fittings and connections)	680	LF	41.64	\$28,315.20
4.	15" SLCPP (incl. fittings and connections)	821	LF	47.06	\$38,636.26
5.	18" SLCPP (incl. fittings and connections)	223	LF	59.25	\$13,212.75
6.	24" SLCPP (incl. fittings and connections)	37	LF	74.51	\$2,756.87
7.	Storm Manhole	3	EA	4,131.00	\$12,393.00
8.	12" NYLOPLAST Yard Drain	8	EA	1,281.00	\$10,248.00
9.	Type 'M' Inlets	2	EA	2,852.00	\$5,704.00
10.	Type 'C' Inlets	7	EA	3,162.00	\$22,134.00
11.	Type 'DW' Endwalls	4	EA	2,844.00	\$11,376.00
12.	Nyloplast Outlet Control Structure (OCS-2 & OCS-3)	2	EA	4,000.00	\$8,000.00
13.	Conc. Outlet Control Structures (OCS-1 & OCS-4)	2	EA	5,000.00	\$10,000.00
14.	Underground Stormwater Systems BMP -2 & 3 (incl. excavation, clean washed stone, distribution piping, non woven geotextile)	2	EA	125,000.00	\$250,000.00
15.	Aboveground System (BMP 1), including excavation, underdrain, amended soils, anti-seep collars seeding/plantings, etc.)	1	LS	75,000.00	\$75,000.00
16.	Aboveground System (BMP 4), including excavation, underdrain, amended soils, anti-seep collars seeding/plantings, etc.)	1	LS	150,000.00	\$150,000.00
17.	Flex-a-Mat Spillway Lining	465	SY	14.00	\$6,510.00
18.	Rip-Rap Apron	4	EA	1,000.00	\$4,000.00
19.	Concrete level spreader	38.5	LF	30.00	\$1,155.00
20.	As-Built Survey	1	EA	15,000.00	\$15,000.00
	Subtotal Stormwater				\$684,210.92

F.	GENERAL				
1.	Site Signage (ADA, Traffic Control)	22.00	EA	199.42	\$4,387.24
2.	Site Lighting	13	EA	2,800.00	\$36,400.00
	Subtotal General				\$40,787.24
G.	LANDSCAPING				
1.	Compensatory Trees (Canopy)	25	EA	505.96	\$12,649.00
2.	Compensatory Trees (Evergreen)	82	EA	417.00	\$34,194.00
3.	BMP Trees	34	EA	606.04	\$20,605.36
4.	BMP Shrubs	344	EA	56.71	\$19,508.24
5.	Perimeter Trees (Canopy)	15	EA	505.96	\$7,589.40
6.	Perimeter Trees (Flowering)	10	EA	550.44	\$5,504.40
7.	Perimeter Trees (Evergreen)	12	EA	417.00	\$5,004.00
8.	Parking Lot Trees	9	EA	505.96	\$4,553.64
9.	Parking Lot Shrubs	90	EA	56.71	\$5,103.90
	Subtotal Landscaping				\$114,711.94
	Estimate Subtotal				\$1,917,495.33
	Add 10% (Contingency per MPC)				\$191,749.53
	Add 5% (Inspections)				\$95,874.77
	Project Total				\$2,205,119.63

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