



**PRELIMINARY ENGINEER'S ESTIMATE
TWIN BORO PHASE III IMPROVEMENTS
BOROUGH OF BERGENFILED, BERGEN COUNTY
JANUARY 2024**

NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	UNIT PRICE	COST
1	MOBILIZATION	LS	1	\$75,000.00	\$75,000.00
2	PAYMENT AND PERFORMANCE BONDS	LS	1	\$20,000.00	\$20,000.00
3	CONSTRUCTION LAYOUT	DAY	5	\$2,500.00	\$12,500.00
4	SOIL EROSION AND SEDIMENT CONTROL	LS	1	\$20,000.00	\$20,000.00
5	SITE WORK	LS	1	\$275,000.00	\$275,000.00
6	EXCAVATION, UNCLASSIFIED	CY	6,050	\$25.00	\$151,250.00
7	PRECAST DRAINAGE INLET	UNIT	6	\$5,000.00	\$30,000.00
8	15" HIGH DENSITY POLYETHYLENE PIPE	LF	800	\$120.00	\$96,000.00
9	DETECTABLE WARNING SURFACE	SF	40	\$50.00	\$2,000.00
10	CONCRETE VERTICAL CURB	LF	3,750	\$60.00	\$225,000.00
11	GREEN ACRES SIGN	UNIT	1	\$900.00	\$900.00
12	LOCAL/COUNTY SIGN	UNIT	1	\$500.00	\$500.00
13	HMA ASPHALT, 19M64 BASE COURSE, 4" THICK - ROADWAYS	TONS	2,048	\$100.00	\$204,800.00
14	HMA ASPHALT, 9.5M64, SURFACE COURSE, 2" THICK - ROADWAYS	TONS	1,024	\$100.00	\$102,400.00
15	DENSE GRADED AGGREGATE, 4" THICK - ROADWAYS	SY	8,000	\$20.00	\$160,000.00
16	HMA ASPHALT BASE COURSE, 4" THICK - ATHLETIC COURTS	TONS	704	\$100.00	\$70,400.00
17	HMA ASPHALT SURFACE COURSE, 2" THICK - ATHLETIC COURTS	TONS	352	\$100.00	\$35,200.00
18	DENSE GRADED AGGREGATE, 4" THICK - ATHLETIC COURTS	SY	2,750	\$20.00	\$55,000.00
19	WOVEN STABILIZATION FABRIC	SY	2,750	\$3.00	\$8,250.00
20	CHAIN LINK FENCE, 4' HIGH (BLACK VINYL COATED)	LF	500	\$60.00	\$30,000.00
21	CHAIN LINK FENCE, 6' HIGH (BLACK VINYL COATED)	LF	800	\$80.00	\$64,000.00
22	CHAIN LINK FENCE, 8' HIGH (BLACK VINYL COATED)	LF	1,200	\$100.00	\$120,000.00
23	CHAIN LINK FENCE, 8' HIGH (DOUBLE SWING GATE)	UNIT	2	\$3,000.00	\$6,000.00
24	HANDICAP PARKING MARKINGS	LF	300	\$3.00	\$900.00
25	HANDICAP PARKING SYMBOLS	UNIT	5	\$350.00	\$1,750.00
26	HANDICAP PARKING SIGNAGE	UNIT	5	\$350.00	\$1,750.00
27	PARKING STRIPING	LF	2,750	\$3.00	\$8,250.00
28	CONCRETE SIDEWALK, 4" THICK	SY	700	\$115.00	\$80,500.00
29	BASKETBALL COURT COLOR COATING AND STRIPING	SY	650	\$25.00	\$16,250.00
30	PICKLEBALL COURT COLOR COATING AND STRIPING	SY	610	\$25.00	\$15,250.00
31	VOLLEYBALL COURT COLOR COATING AND STRIPING	SY	1,250	\$25.00	\$31,250.00
32	TOT LOT PLAYGROUND (EQUIPMENT, INSTALLATION)	LS	1	\$200,000.00	\$200,000.00
33	SPLASH PAD (EQUIPMENT, RECIRCULATION SYSTEM, UTILITIES)	LS	1	\$725,000.00	\$725,000.00
34	BASKETBALL GOAL SYSTEM	UNIT	1	\$20,000.00	\$20,000.00
35	VOLLEYBALL GOAL SYSTEM	UNIT	2	\$5,400.00	\$10,800.00
36	PICKLEBALL GOAL SYSTEM	UNIT	3	\$3,500.00	\$10,500.00
37	PARK BENCHES	UNIT	6	\$2,000.00	\$12,000.00
38	PARK PAVILION, 40'x60'	LS	1	\$130,000.00	\$130,000.00
39	PARK PAVILION, CONCRETE PAD, REINFORCED	SY	645	\$125.00	\$80,625.00
40	LIGHTING FOR PARKING LOTS	LS	1	\$560,000.00	\$560,000.00
41	FLAG POLE	UNIT	1	\$4,000.00	\$4,000.00
42	TOPSOIL, 6" THICK	SY	6,500	\$1.00	\$6,500.00
43	FERTILIZING AND SEEDING, TYPE G	SY	6,500	\$1.00	\$6,500.00

ESTIMATED CONSTRUCTION COST	\$3,686,025.00
CONSTRUCTION CONTINGENCY (10%)	\$368,602.50
TOTAL ESTIMATED CONSTRUCTION COST	\$4,054,627.50
ENGINEERING AND DESIGN (10%)	\$405,462.75
CONSTRUCTION INSPECTION (5%)	\$202,731.38
TOTAL ESTIMATED PROJECT COST	\$4,662,821.63