



**ENGINEER'S ESTIMATE
TWIN BORO PHASE III IMPROVEMENTS (VOLLEYBALL, PICKLEBALL, PARK PAVILION, PARKING IMPROVEMENTS)
BOROUGH OF BERGENFIELD, BERGEN COUNTY
FEBRUARY 2024**

NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	UNIT PRICE	COST
1	MOBILIZATION	LS	1	\$50,000.00	\$50,000.00
2	PAYMENT AND PERFORMANCE BONDS	LS	1	\$20,000.00	\$20,000.00
3	CONSTRUCTION LAYOUT	DAY	3	\$2,500.00	\$7,500.00
4	SOIL EROSION AND SEDIMENT CONTROL	LS	1	\$15,000.00	\$15,000.00
5	SITE WORK	LS	1	\$175,000.00	\$175,000.00
6	EXCAVATION, UNCLASSIFIED	CY	4,900	\$25.00	\$122,500.00
7	STORMWATER MANAGEMENT	LS	1	\$200,000.00	\$200,000.00
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	3,000	\$60.00	\$180,000.00
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	530	\$100.00	\$53,000.00
17	HMA ASPHALT SURFACE COURSE, 2" THICK - ATHLETIC COURTS	TONS	265	\$100.00	\$26,500.00
18	DENSE GRADED AGGREGATE, 4" THICK - ATHLETIC COURTS	SY	2,100	\$20.00	\$42,000.00
19	WOVEN STABILIZATION FABRIC	SY	2,100	\$3.00	\$6,300.00
20	CHAIN LINK FENCE, 6' HIGH (BLACK VINYL COATED)	LF	560	\$80.00	\$44,800.00
21	CHAIN LINK FENCE, 8' HIGH (BLACK VINYL COATED)	LF	1,200	\$100.00	\$120,000.00
22	CHAIN LINK FENCE, 8' HIGH (DOUBLE SWING GATE)	UNIT	2	\$3,000.00	\$6,000.00
23	HANDICAP PARKING MARKINGS	LF	300	\$3.00	\$900.00
24	HANDICAP PARKING SYMBOLS	UNIT	5	\$350.00	\$1,750.00
25	HANDICAP PARKING SIGNAGE	UNIT	5	\$350.00	\$1,750.00
26	PARKING STRIPING	LF	2,750	\$3.00	\$8,250.00
27	CONCRETE SIDEWALK, 4" THICK	SY	400	\$115.00	\$46,000.00
28	PICKLEBALL COURT COLOR COATING AND STRIPING	SY	610	\$25.00	\$15,250.00
29	VOLLEYBALL COURT COLOR COATING AND STRIPING	SY	1,250	\$25.00	\$31,250.00
30	VOLLEYBALL GOAL SYSTEM	UNIT	2	\$5,400.00	\$10,800.00
31	PICKLEBALL GOAL SYSTEM	UNIT	3	\$3,500.00	\$10,500.00
32	PARK PAVILION, 40'x60'	LS	1	\$130,000.00	\$130,000.00
33	PARK PAVILION, CONCRETE PAD, REINFORCED	SY	645	\$125.00	\$80,625.00
34	LIGHTING FOR PARKING LOTS	LS	1	\$200,000.00	\$200,000.00
35	TOPSOIL, 6" THICK	SY	3,850	\$1.00	\$3,850.00
36	FERTILIZING AND SEEDING, TYPE G	SY	3,850	\$1.00	\$3,850.00

ESTIMATED CONSTRUCTION COST	\$2,179,975.00
CONSTRUCTION CONTINGENCY (10%)	\$217,997.50
TOTAL ESTIMATED CONSTRUCTION COST	\$2,397,972.50
ENGINEERING AND DESIGN (10%)	\$239,797.25
CONSTRUCTION INSPECTION (5%)	\$119,898.63
TOTAL ESTIMATED PROJECT COST	\$2,757,668.38

Peter F. Bondar, P.E., Consulting Engineer