

HBH Consulting Engineers, Inc
Engineers Estimate
Anchor Street Park

Date: 5/31/2023
Project: Anchor Street
Client: City of Rockaway Beach
Reviewed By: Matthew Del Moro
Prepared By: Andrew Bates

Item No.	Item	Quantity	Unit	Unit Price	Total Amount
1	Mobilization, Permitting, and Bonding	1	LS	\$84,352	\$84,352
2	Erosion & Sediment Control	1	LS	\$17,500.00	\$17,500
3	Clearing, Grubbing, and Stripping	1	LS	\$12,500.00	\$12,500
4	Sawcut Asphalt	250	LF	\$5.00	\$1,250
5	Wayside Site Demolition & Haul Off (incl. Restroom etc)	1	LS	\$25,000.00	\$25,000
6	Anchor Street Park Site Demo	1	LS	\$5,000.00	\$5,000
7	Demo Gravel Parking to Subgrade Depth, Preserve Usable Backfill, Haul Remainder Offsite	3100	SF	\$3.00	\$9,300
8	Asphalt (3" Thick, 18,610 SF, Anchor St and First Ave)	2100	SY	\$32.15	\$67,515
9	8" and 2" Lifts of 3/4"-0" for Asphalt and Concrete Respectively	2100	SY	\$30.00	\$63,000
10	Concrete Sidewalk, ADA Ramps, and Concrete Landings (incl. base rock, etc.)	2800	SF	\$20.00	\$56,000
11	Standard Curb	683	LF	\$30.00	\$20,490
12	Concrete Staircase (incl. geotextile, rebar, formwork, etc)	1	EA	\$1,500.00	\$1,500
13	Truncated ADA Domes	2	EA	\$325.00	\$650
14	Parking Lot and Cross Walk Striping (Anchor St and First Ave)	1	LS	\$17,500.00	\$17,500
15	Cut / Fill to Finished Grade	625	BCY	\$9.50	\$5,938
16	Excavate to Subgrade & Haul - Off	325	BCY	\$21.00	\$6,825
17	10" DI Storm Main (Trench Ex, Bedding & Backfill)	32	LF	\$200.00	\$6,400
18	14" Sidewalk Grate (Grate, Installation, Concrete Gutter)	2	EA	\$1,500.00	\$3,000
19	Connect to Existing Storm Catch Basin	1	LS	\$2,500.00	\$2,500
20	3/4" PEX Water Service (including couplers, angle stops, fittings)	300	LF	\$75.00	\$22,500
21	Irrigation Backflow Device and Enclosure	1	LS	\$2,000.00	\$2,000
22	Relocate and Reconnect Existing Water Meter (Wayside)	1	LS	\$3,000.00	\$3,000
23	Connect to Existing Water Meter (Anchor St)	1	EA	\$1,000.00	\$1,000
24	Connect to Building Plumbing	2	EA	\$1,250.00	\$2,500
25	Connect to Existing Sanitary Service	2	EA	\$1,000.00	\$2,000
26	Connect to Building Sanitary	2	EA	\$1,250.00	\$2,500
27	4" Sanitary Service	225	LF	\$85.00	\$19,125
28	TPUD Service Fees	1	LS	\$35,000.00	\$35,000
29	Install TPUD Vault, Meter Base, and Equipment	1	LS	\$15,000.00	\$15,000
30	LED Park Lights, Posts and Concrete Bases	1	LS	\$8,000	\$8,000
31	Electrical System Design Build (incl. power supply, meter, site conduit, etc. building electrical not included)	1	LS	\$25,000	\$25,000
32	Class 50 Riprap Inlet/Outlet Protection	4	EA	\$500	\$2,000
33	Swale Seed Mix (Seed + 50% Installation & Maintenance)	1	LS	\$378.00	\$378
34	5' Chain Link Fence (incl. 5' Man Gates)	375	LF	\$130.00	\$48,750
35	Wayside Restroom Foundation Slab (incl. base rock, fabric, rebar, etc)	1	LS	\$45,500.00	\$45,500

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36	Anchor Street Restroom Foundation Slab (incl. base rock, fabric, rebar, etc)	1	LS	\$27,300.00	\$27,300
37	Wayside Restroom Building Construction (Building Materials supplied by Romtec)	1	LS	\$215,000.00	\$215,000
38	Anchor Street Restroom Building (Building Materials supplied by Romtec)	1	LS	\$115,000.00	\$115,000
39	Restroom Fixture Installation (Both restrooms, fixtures supplied by Romtec)	1	LS	\$30,000.00	\$30,000
40	Drip Irrigation System (Bidder Design, Optional Additional Bid Item)	1	LS	\$12,500.00	\$12,500
41	Water Fountain	1	LS	\$4,000.00	\$4,000
42	Pet Waste System (+ 20% Installation Cost)	1	LS	\$350.00	\$350
43	Recycle/Trash Cans Outdoors (+ 10% Installation Cost)	1	LS	\$1,500.00	\$1,500
44	Trash Cans Bathroom (+ 10% Installation Cost)	2	EA	\$750.00	\$1,500
45	Uline 3-Loop Wave Bicycle Rack (+ 20% Installation Cost)	1	LS	\$750.00	\$750
Construction Subtotal					\$1,048,372
Engineering (18%)					\$188,707
Legal & Admin (3%)					\$31,451
Total					\$1,268,530