

**HBH Consulting Engineers, Inc**  
**Engineers Estimate**  
**Wayside Beach Access**

Date: 3/13/2023  
 Project: Wayside Beach Access  
 Client: City of Rockaway Beach  
 Reviewed By: Matthew Del Moro  
 Prepared By: Andrew Bates

Item No.	Item Description	Quantity	Unit	Unit Cost	Total Cost
1	Mobilization, Bonding, Insurance, & Permitting	1	LS	\$60,000	\$60,000
2	Erosion Control, Restoration, Reseeding, and Cleanup	1	LS	\$5,000	\$5,000
3	Stripping, Clearing, & Grubbing	1	LS	\$5,000	\$5,000
4	Earthwork & Excavation	1	LS	\$15,000	\$15,000
5	Sawcutting	750	LF	\$5	\$3,750
6	Level 2 HMA Asphalt Pavement	25	TN	\$500	\$12,500
7	Concrete Sidewalk (incl. 4" thick 3/4"-0" Aggregate Base)	2025	SF	\$22	\$44,550
8	Emergency Access Turnaround (Incl. 6" Aggregate Base)	1	EA	\$11,000	\$11,000
9	Pavement Striping	1	LS	\$5,000	\$5,000
10	3-5 ft Diameter Riprap (As Needed)	50	CY	\$350	\$17,500
11	Beach Access Structure (incl. base, concrete, walls, rebar, drain pipe, etc)	1	LS	\$100,000	\$100,000
12	Demo Existing Building, Foundation, & Utilities	1	LS	\$35,000	\$35,000
13	Design Build New Restroom Structure	1	LS	\$370,000	\$370,000
14	Install new Sanitary Sewer Service	1	EA	\$2,500	\$2,500
15	Install new Water Service	1	EA	\$2,000	\$2,000
16	Install electrical Service to Building	1	EA	\$8,500	\$8,500
17	Install Electrical Service to Sign	1	EA	\$3,500	\$3,500
<b>Construction Subtotal</b>					\$700,800
<b>Engineering (18%)</b>					\$126,144
<b>Legal &amp; Admin (3%)</b>					\$21,024
<b>Total</b>					\$847,968

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