



Perth Amboy, NJ
Waterfront Redevelopment Concept Plan
Preliminary Cost Estimate
(Revised 3/28/13)

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE (\$)	TOTAL (\$)
1	Refurbish Second Street Boat Ramp	400	Tons	\$80.00	\$32,000.00
2	Kayak and Canoe Rack @ Beach	1	LS	\$40,000.00	\$40,000.00
3	10' wide Bike Path, Second St to Lewis St, Paved & Colorized	3,100	LF	\$40.00	\$124,000.00
4	Volley Ball Courts & Appurtenances	6	Each	\$5,000.00	\$30,000.00
a	Portable Aluminum Bleachers (2 Tier, 30' length)	6	Each	\$6,000.00	\$36,000.00
5	Dune Grass, Second St to High St	75,000	SF	\$1.00	\$75,000.00
a	Dune Fencing	5,000	LF	\$5.00	\$25,000.00
6	T-Groin Breakwaters	480	LF	\$2,000.00	\$960,000.00
7	2.5' high Revetment Cap/Wave Wall, Second St to High St, 18" wide	2,500	LF	\$300.00	\$750,000.00
8	1' high Railing w/ Top @ 42" high from Promenade	2,500	LF	\$50.00	\$125,000.00
9	Sliding Aluminum Wave Gate w/ Scuppers @ High St Pier	1	LS	\$20,000.00	\$20,000.00
10	New Bulkhead & Revetment, High St- North to New Lewis St Revetment	560	LF	\$4,000.00	\$2,240,000.00
11	New 42" high S.S. Railing, High St to Lewis St Project	560	LF	\$100.00	\$56,000.00
12	New Bulkhead & Revetment, Lewis St to Yacht Club	850	LF	\$4,200.00	\$3,570,000.00
13	Bulkhead & Revetment Return @ Yacht Club	80	LF	\$4,000.00	\$320,000.00
14	New 42" high S.S. Railing, Lewis St to Yacht Club	650	LF	\$100.00	\$65,000.00
15	Stairs (SS) down to Beach @ Yacht Club Revetment & Bulkhead Return	20	LF	\$500.00	\$10,000.00
16	10' wide Concrete Bike Lane, Lewis St to Yacht Club	850	LF	\$200.00	\$170,000.00
17	Concrete Retaining/Wave Wall, West of Bike/Pedestrian Promenade, Lewis St to Yacht Club, Height Varies, Top Elev.18 @ Yacht Club	600	LF	\$500.00	\$300,000.00
18	Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St	3,200	LF	\$10.00	\$32,000.00

Site Work Subtotal **\$8,980,000.00**

19	New Fishing Pier				
a	Pier	1,500	SF	\$325.00	\$487,500.00
b	Railing	192	LF	\$100.00	\$19,200.00
c	Lights	4	LS	\$5,000.00	\$20,000.00

Pier Subtotal **\$526,700.00**

20	Bayview Park Promenade Wave Wall and Parallel Parking on Front Street				
a	Wave Walls, 4' high	960	LF	\$400.00	\$384,000.00
b	12' x 470' long Elevated Promenade & Wave Scour Pad	5,640	SF	\$20.00	\$112,800.00
c	Promenade, Stair and ADA Ramp S.S. Railing	800	LF	\$100.00	\$80,000.00
d	ADA Access Ramps	2	Each	\$15,000.00	\$30,000.00
e	Sidewalk 6' wide, 6" thick (wave resistant)	500	LF	\$60.00	\$30,000.00
f	Curb	500	LF	\$22.00	\$11,000.00
g	Stripping & Signage	1	LS	\$6,000.00	\$6,000.00
h	Landscaping & Drip Irrigation	1	LS	\$10,000.00	\$10,000.00
i	Lighting & Electric	10	Units	\$3,000.00	\$30,000.00

Park Subtotal **\$693,800.00**

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Page 1 SUBTOTAL IMPROVEMENTS **\$10,200,500.00**

21	New 82' Long Piles @ Marina	84	Units	\$4,100.00	\$344,400.00
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Marina Pile Subtotal **\$344,400.00**

22	Earthen Storm Berm north of Landings-Topsoil, Seed & Mulch	1,200	CY	\$40.00	\$48,000.00
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Landings Earthen Berm Subtotal **\$48,000.00**

23	20" ø Tideflex Valve @ Front Street	1	Unit	\$5,000.00	\$5,000.00
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Front St Tide Check Valve Subtotal **\$5,000.00**

24	Public Rest Rooms- 10' x 20' with Public Water & Electric, Wet Flood Proofed				
a	South End of South Street	1	LS	\$80,000.00	\$80,000.00
b	Sadowski Parkway, opposite Caldonia Park	1	LS	\$80,000.00	\$80,000.00

Public Rest Rooms Subtotal **\$160,000.00**

25	Seasonal Beach Open Shower and Sand Washdown Stations				
a	High St. Pier - Northwest End of Pier	1	LS	\$12,000.00	\$12,000.00
b	Brighton St. Pier - End of East Ramp	1	LS	\$12,000.00	\$12,000.00
c	Brighton St. Pier - End of West Ramp	1	LS	\$12,000.00	\$12,000.00
d	Second St. @ West End of Beach	1	LS	\$12,000.00	\$12,000.00

Shower & Washdown Stations Subtotal **\$48,000.00**

26	Required Improvements to correct Storm Damage - Hurricane "Sandy" - FEMA Eligible Repairs / addresses - Promenade Pavers, Anti-Scour Pads, Marina Facilities, Pier & Wave Screens, Erosion Issues, Railings, Lighting, Etc.				\$5,760,000.00
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"Sandy" FEMA Repairs Subtotal **\$5,760,000.00**

Estimated TOTAL PROJECT Construction Subtotal **\$16,565,900.00**

20% CONTINGENCY **\$3,313,180.00**

TOTAL **\$19,879,080.00**

Estimated Soft Costs: Engineering, Legal & Permitting @ 20% **\$3,975,816.00**

ESTIMATED TOTAL PROJECT TOTAL					\$23,854,896.00
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Say **\$24,000,000.00**



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ALTERNATE

20A	Alternate Head-on Parking Scheme - Bayside Park				
a	Wave Walls, 4' high	960	LF	\$500.00	\$480,000.00
b	12' x 470' long Elevated Promenade & Wave Scour Pad	5,640	SF	\$20.00	\$112,800.00
c	Promenade, Stair and ADA Ramp S.S. Railing	800	LF	\$100.00	\$80,000.00
d	ADA Access Ramps	2	Each	\$15,000.00	\$30,000.00
e	Sidewalk 6' wide, 6" thick (wave resistant)	550	LF	\$60.00	\$33,000.00
f	Curb	550	LF	\$22.00	\$12,100.00
g	Pavement 20' x 500' Parking Area	550	Tons	\$80.00	\$44,000.00
h	Stripping & Signage	1	LS	\$12,000.00	\$12,000.00
i	Landscaping & Drip Irrigation	1	LS	\$10,000.00	\$10,000.00
j	Lighting & Electric	10	Units	\$3,000.00	\$30,000.00

Alternate Parking Scheme Subtotal **\$843,900.00***

**Increase \$150,000 over Item 20 in Base Estimate*