

ITEM DESCRIPTION

Perth Amboy, NJ Waterfront Redevelopment Concept Plan Preliminary Cost Estimate

(Revised 3/28/13)

QUANTITY UNIT

PRICE (\$) | TOTAL (\$)

_ 1		Refurbish Second Street Boat Ramp	400	Tons	\$80.00	\$32,000.0
2		Kayak and Canoe Rack @ Beach	1	LS	\$40,000.00	\$40,000.0
3	- 1	10' wide Bike Path, Second St to Lewis St, Paved & Colorized	3,100	LF	\$40.00	\$124,000.0
4		Volley Ball Courts & Appurtenances	6	Each	\$5,000.00	\$30,000.0
		Portable Aluminum Bleachers (2 Tier, 30' length)	6	Each	\$6,000.00	\$36,000.0
5		Dune Grass, Second St to High St	75,000	SF	\$1.00	\$75,000.0
	а	Dune Fencing	5,000	LF	\$5.00	\$25,000.0
6		T-Groin Breakwaters	480	LF	\$2,000.00	\$960,000.0
7		2.5' high Revetment Cap/Wave Wall, Second St to High St, 18" wide	2,500	LF	\$300.00	\$750,000.
8		1' high Railing w/ Top @ 42" high from Promenade	2,500	LF	\$50.00	\$125,000.
9		Sliding Aluminum Wave Gate w/ Scuppers @ High St Pier	1	LS	\$20,000.00	\$20,000.0
10	'	New Bulkhead & Revetment, High St- North to New Lewis St Revetment	560	LF	\$4,000.00	\$2,240,000.
11		New 42" high S.S. Railing, High St to Lewis St Project	560	LF	\$100.00	\$56,000.
12	?	New Bulkhead & Revetment, Lewis St to Yacht Club	850	LF	\$4,200.00	\$3,570,000.
13	3	Bulkhead & Revetment Return @ Yacht Club	80	LF	\$4,000.00	\$320,000.
14		New 42" high S.S. Railing, Lewis St to Yacht Club	650	LF	\$100.00	\$65,000.
15	5	Stairs (SS) down to Beach @ Yacht Club Revetment & Bulkhead Return	20	LF	\$500.00	\$10,000.
16	5	10' wide Concrete Bike Lane, Lewis St to Yacht Club	850	LF	\$200.00	\$170,000.
		Concrete Retaining/Wave Wall, West of	600	LF	\$500.00	\$300,000.
17	7	Bike/Pedestrian Promenade, Lewis St to Yacht Club, Height Varies, Top Elev.18 @ Yacht Club	000	L	\$300.00	\$300,000 .
17 18		Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St	3,200	LF	\$10.00	\$32,000.
18	3	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St		LF	•	
	3	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier	3,200	LF	\$10.00	\$32,000. \$8,980,000.
18	3 9 a	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier	3,200	LF SF	\$10.00 Site Work Subtotal	\$32,000. \$8,980,000. \$487,500.
18	a b	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier Railing	3,200 1,500 192	LF SF LF	\$10.00 Site Work Subtotal \$325.00 \$100.00	\$32,000. \$8,980,000. \$487,500. \$19,200.
18	a b	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier	3,200	LF SF	\$10.00 Site Work Subtotal	\$32,000. \$8,980,000. \$487,500. \$19,200.
18	a b	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier Railing	3,200 1,500 192	LF SF LF	\$10.00 Site Work Subtotal \$325.00 \$100.00	\$32,000.
18	a b c	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier Railing Lights Bayview Park Promenade Wave Wall and Parallel Parallel	3,200 1,500 192 4 urking on Front	LF SF LS Street	\$10.00 Site Work Subtotal \$325.00 \$100.00 \$5,000.00 Pier Subtotal	\$32,000. \$8,980,000. \$487,500. \$19,200. \$20,000.
18	a b c	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier Railing Lights Bayview Park Promenade Wave Wall and Parallel Pa	3,200 1,500 192 4	SF LF LS	\$10.00 Site Work Subtotal \$325.00 \$100.00 \$5,000.00	\$32,000. \$8,980,000. \$487,500. \$19,200. \$20,000.
18	a b c	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier Railing Lights Bayview Park Promenade Wave Wall and Parallel Pa Wave Walls, 4' high 12' x 470' long Elevated Promenade & Wave Scour Pad	3,200 1,500 192 4 urking on Front: 960 5,640	LF SF LS Street LF SF	\$10.00 Site Work Subtotal \$325.00 \$100.00 \$5,000.00 Pier Subtotal \$400.00 \$20.00	\$32,000. \$8,980,000. \$487,500. \$19,200. \$20,000. \$526,700. \$384,000. \$112,800.
18	a b c	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier Railing Lights Bayview Park Promenade Wave Wall and Parallel Pa Wave Walls, 4' high 12' x 470' long Elevated Promenade & Wave Scour Pad Promenade, Stair and ADA Ramp S.S. Railing	3,200 1,500 192 4 arking on Front 960 5,640 800	LF SF LF LS Street LF SF LF	\$10.00 Site Work Subtotal \$325.00 \$100.00 \$5,000.00 Pier Subtotal \$400.00 \$20.00 \$100.00	\$32,000. \$8,980,000. \$487,500. \$19,200. \$20,000. \$526,700. \$384,000. \$112,800.
18	a b c	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier Railing Lights Bayview Park Promenade Wave Wall and Parallel Pa Wave Walls, 4' high 12' x 470' long Elevated Promenade & Wave Scour Pad Promenade, Stair and ADA Ramp S.S. Railing ADA Access Ramps	3,200 1,500 192 4 arking on Front: 960 5,640 800 2	SF LF LS Street LF SF LF Each	\$10.00 Site Work Subtotal \$325.00 \$100.00 \$5,000.00 Pier Subtotal \$400.00 \$20.00 \$100.00 \$15,000.00	\$32,000. \$8,980,000. \$487,500. \$19,200. \$20,000. \$526,700. \$384,000. \$112,800. \$80,000. \$30,000.
18	a b c d e	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier Railing Lights Bayview Park Promenade Wave Wall and Parallel Pa Wave Walls, 4' high 12' x 470' long Elevated Promenade & Wave Scour Pad Promenade, Stair and ADA Ramp S.S. Railing ADA Access Ramps Sidewalk 6' wide, 6" thick (wave resistant)	1,500 192 4 erking on Front 960 5,640 800 2 500	SF LF LS Street LF SF LF Each LF	\$10.00 Site Work Subtotal \$325.00 \$100.00 \$5,000.00 Pier Subtotal \$400.00 \$20.00 \$100.00 \$15,000.00 \$60.00	\$32,000. \$8,980,000. \$487,500. \$19,200. \$20,000. \$526,700. \$384,000. \$112,800. \$80,000. \$30,000.
18	a b c d e f	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier Railing Lights Bayview Park Promenade Wave Wall and Parallel Pa Wave Walls, 4' high 12' x 470' long Elevated Promenade & Wave Scour Pad Promenade, Stair and ADA Ramp S.S. Railing ADA Access Ramps Sidewalk 6' wide, 6" thick (wave resistant) Curb	3,200 1,500 192 4 arking on Front 960 5,640 800 2 500 500	SF LF SF LF Each LF LF LF	\$10.00 Site Work Subtotal \$325.00 \$100.00 \$5,000.00 Pier Subtotal \$400.00 \$20.00 \$100.00 \$15,000.00 \$60.00 \$22.00	\$32,000. \$8,980,000. \$487,500. \$19,200. \$20,000. \$526,700. \$384,000. \$112,800. \$30,000. \$30,000.
18	a b c d e f g	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier Railing Lights Bayview Park Promenade Wave Wall and Parallel Pa Wave Walls, 4' high 12' x 470' long Elevated Promenade & Wave Scour Pad Promenade, Stair and ADA Ramp S.S. Railing ADA Access Ramps Sidewalk 6' wide, 6" thick (wave resistant) Curb Stripping & Signage	3,200 1,500 192 4 arking on Front (960) 5,640 800 2 500 500 1	SF LF LS Street LF Each LF LF LS	\$10.00 \$ite Work Subtotal \$325.00 \$100.00 \$5,000.00 Pier Subtotal \$400.00 \$20.00 \$15,000.00 \$15,000.00 \$60.00 \$22.00 \$6,000.00	\$32,000. \$8,980,000. \$487,500. \$19,200. \$20,000. \$526,700. \$384,000. \$112,800. \$80,000. \$30,000. \$11,000. \$6,000.
18	a b c d e f g	Club, Height Varies, Top Elev.18 @ Yacht Club Bike Lane Delineations, Yacht Club to Tottenville Ferry along Front St New Fishing Pier Pier Railing Lights Bayview Park Promenade Wave Wall and Parallel Pa Wave Walls, 4' high 12' x 470' long Elevated Promenade & Wave Scour Pad Promenade, Stair and ADA Ramp S.S. Railing ADA Access Ramps Sidewalk 6' wide, 6" thick (wave resistant) Curb	3,200 1,500 192 4 arking on Front 960 5,640 800 2 500 500	SF LF SF LF Each LF LF LF	\$10.00 Site Work Subtotal \$325.00 \$100.00 \$5,000.00 Pier Subtotal \$400.00 \$20.00 \$100.00 \$15,000.00 \$60.00 \$22.00	\$32,000. \$8,980,000. \$487,500. \$19,200. \$20,000.



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(Revised 3/28/13)

[ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE (\$)	TOTAL (\$)
					_	
		Page 1 SUBTOTAL IMPROVEMENTS \$10,20				
- [21	New 82' Long Piles @ Marina	84	Units	\$4,100.00	\$344,400.00
		Marina Pile Subtotal				\$344,400.00
		marria in outstand				
	22	Earthen Storm Berm north of Landings-Topsoil, Seed & Mulch	1,200	CY ·	\$40.00	\$48,000.00
	Landings Earthen Berm Subtotal					\$48,000.00
	23	20" ø Tideflex Valve @ Front Street	1	Unit	\$5,000.00	\$5,000.00
•						
			Front S	St Tide Cho	eck Valve Subtotal	\$5,000.00
	24	Public Rest Rooms- 10' x 20' with Public Water & Ele	ctric, Wet Flood	Proofed		
-	8	South End of South Street	1	LS	\$80,000.00	\$80,000.00
	t	Sadowski Parkway, opposite Caldonia Park	1	<u>LS</u>	\$80,000.00]	\$80,000.00
				Public Re	st Rooms Subtotal	\$160,000.00
	25	Seasonal Beach Open Shower and Sand Washdown	Stations			
		High St. Pier - Northwest End of Pier	1	LS	\$12,000.00	\$12,000.00
		Brighton St. Pier - End of East Ramp		LS	\$12,000.00	\$12,000.00
		Brighton St. Pier - End of West Ramp Second St. @ West End of Beach	1 1	LS LS	\$12,000.00 \$12,000.00	\$12,000.00 \$12,000.00
		njoecond or. @ West End of Deach			ψτ2,000.00]	<u> </u>
	Shower & Washdown Stations Subtotal				Stations Subtotal	\$48,000.00
		Required Improvements to correct Storm Damage -				
		Hurricane "Sandy" - FEMA Eligible Repairs /				45 700 000 00
	26 addresses - Promenade Pavers, Anti-Scour Pads,					\$5,760,000.00
	Marina Facilities, Pier & Wave Screens, Erosion Issues, Railings, Lighting, Etc.					
	issues, naimys, Lighting, Etc.					
	"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%				Permitting @ 20%	\$3,975,816.00
	ESTIMATED TOTAL PROJECT TOTAL				PROJECT TOTAL	\$23,854,896.00
	Say				\$24,000,000.00	



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(Revised 3/28/13)

ITEM DESCRIPTION	QUANTITY	UNIT	PRICE (\$)	TOTAL (\$)

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
С	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
е	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

P/Perth Amboy/294876 - Perth Amboy - Waterfront Damage Repair - Inspection\Perth Amboy Waterfront Redevelopment Project Cost Estimate Revised 3-26-13.xis\Cost Estimate