

MARITIME PARK PROJECT COST ESTIMATE

DATE: 3/22/2010

	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL	
SITework/UTILITIES/LANDSCAPING/MITIGATION						
	EARTHWORK					
1	Clearing	LS			65,000	
2	Grubbing	ACRE	29	2,750	79,750	
3	Fill (1.25 factor for shrinkage)	CY	148,750	6	892,500	
4	Cut(1.25 factor for shrinkage)	CY	28,000	4	112,000	
5	Finish Grading	ACRE	29	5,000	145,000	
6	Allowance for future fill dirt needs		41,000	6	246,000	
7	SUBTOTAL EARTHWORK					1,540,250
	BULKHEAD					
8	East Bulkhead	LF	1,025	2,100	2,152,500	
9	West Bulkhead	LF	1,058	2,300	2,433,400	
10	East Handrail	LF	1,025	120	123,000	
11	West Handrail	LF	1,058	120	126,960	
12	South Bulkhead Extension	LF	100	9,000	900,000	
13	SUBTOTAL BULKHEAD					5,735,860
	STORMWATER					
14	SWPPP	MONTHS		4,000	60,000	
15	18" RCP	LF	2,947	50	147,350	
16	24" RCP	LF	2,044	65	132,860	
17	36" RCP	LF	2,181	99	215,919	
18	60" RCP	LF	604	186	112,344	
19	14x23 ERCP	LF	44	56	2,464	
20	19x30 ERCP	LF	193	75	14,475	
21	Junction Box	EA	15	4,510	67,650	
22	Inlets	EA	61	3,700	225,700	
23	19x30 Energy Dissipater	EA	1	15,000	15,000	
24	60" Energy Dissipater	EA	1	24,000	24,000	
25	18" Tideflex Valve	EA	2	31,000	62,000	
26	Underdrain	LF	1,080	16	17,280	
27	36" Slotted Detention	LF	960	182	174,720	
28	West Pond Liner	SY	3,281	5	16,405	
29	East Pond Liner	SY	4,302	5	21,510	
30	Pond Earthwork	CY	See Earthwork			
31	Conspan Box Culvert @ \$1,000/ft.	EA	2	50,000	100,000	
32	Smart Box - Ballfield, east and west seawall	EA	3	12,000	36,000	
33	Bridge w/ headwall	EA	None			
34	Concrete Weir	EA	1	40,000	40,000	
35	MSE Wall at Pond (250x12+120x12+360x12)	SF	8,760	20	175,200	
36	Landscape for Ponds				50,000	
37	SUBTOTAL STORMWATER					1,710,877
	SANITARY SEWER					
38	6" Force Main	LF	1,350	25	33,750	
39	Lift Station	EA	1	300,000	300,000	
40	8" Sanitary Sewer	LF	3,253	50	162,650	
41	10 " Sanitary Sewer	LF	357	55	19,635	
42	12" Sanitary Sewer	LF	748	65	48,620	
43	Manhole	EA	16	3,700	59,200	
44	Directional Drill under Main Street	LF	120	80	9,600	
45	SUBTOTAL SANITARY SEWER					633,455
	POTABLE WATER					
46	2" WM	LF	172	10	1,720	
47	6" WM	LF	1,215	15	18,225	
48	8" WM	LF	2,432	20	48,640	
49	10" WM	LF	1,510	25	37,750	
50	Fire Hydrant	EA	5	3,500	17,500	
51	Valves and Fittings	LS	1	40,000	40,000	
52	Directional Drill under Main Street	LF	170	80	13,600	
53	SUBTOTAL POTABLE WATER					177,435

MARITIME PARK PROJECT COST ESTIMATE

DATE: 3/22/2010

	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL	
	ASPHALT & SIDEWALKS					
54	Roadway & On Street Parking (Base, Asphalt)	SY	11,740	28	328,720	
55	Roadway Curb	LF	7,132	15	106,980	
56	Asphalt Parking Lot	SY	11,636	28	325,808	
57	Parking Islands	EA	15	2,500	37,500	
58	Parking Lot Curb	LF	1,403	15	21,045	
59	Striping (Allowance)	LS	1		30,000	
60	Traffic Signs (Allowance)	LS	1		18,000	
61	Sidewalks	SF	61,184	6	367,104	
62	SUBTOTAL ASPHALT & SIDEWALKS					1,235,157
	EROSION CONTROL/DEWATERING/LANDSCAPING					
63	Sediment/Erosion Control	LS	1	110,000	110,000	
64	Sod	SY	5,400	4	21,600	
65	Grassing	ACRE	20	6,000	120,000	
66	Street Trees	EA	140	600	84,000	
67	Understory Trees	EA	35	200	7,000	
68	Water Garden Landscaping	LS	1	50,000	50,000	
69	Irrigation including well	LS	1	200,000	200,000	
70	SUBTOTAL EROSION CONTROL/DEWATERING/LANDSCAPING					592,600
	PLAZA DEVILLIERS					
71	Sod	SY	11,028	4	44,112	
72	Concrete	SF	14,170	6	85,020	
73	Irrigation	LS	10,264	1	10,264	
74	Trees	EA	6	600	3,600	
75	Benches	EA	10	1,400	14,000	
76	SUBTOTAL PLAZA DEVILLIERS					156,996
	DEVILLIERS WHARF					
77	Lower Walk - Composite 710 x 14	SF	9,940	25	248,500	
78	Benches	EA	18	1,400	25,200	
79	SUBTOTAL DEVILLIERS WHARF					273,700
	WATERFRONT PROMENADE & SOUTH PARK					
80	Benches	EA	30	1,400	42,000	
81	Rehab Waterfront Walk	LS	1		40,000	
82	Concrete Walks 850 x 40	SF	20,600	5	103,000	
83	Vendor Area Utilities	EA	32	3,000	96,000	
84	SUBTOTAL WATERFRONT PROMENADE & SOUTH PARK					281,000
	SPRING STREET PARK					
85	Concrete Sidewalks - From the south side of the stadium - no	SF	15,395	5	76,975	
86	Shoreline Stabilization	TONS	1,800	90	162,000	
87	Benches	EA	15	1,400	21,000	
88	Landscaping	LS	1	100,000	100,000	
89	SUBTOTAL SPRING STREET PARK					359,975
	MISCELLANEOUS					
90	Off-Site Improvements (Turn Lane Allowance)				20,000	
91	Site Lighting (Budget)				300,000	
92	Underground Electrical Power (Budget)				400,000	
93	Park Signage (Budget)				75,000	
94	Additional Site Amenities (Allowance)				50,000	
95	SUBTOTAL MISCELLANEOUS					845,000
	SUBTOTAL SITEWORK/UTILITIES/LANDSCAPING					13,542,305
96	GENERAL CONDITIONS	%	8.00%			1,083,384
97	PAYMENT AND PERFORMANCE BONDS	%	1.00%			135,423
98	BUILDERS RISK INSURANCE					100,000
99	TOTAL SITEWORK/UTILITIES/LANDSCAPING					14,861,112

MARITIME PARK PROJECT COST ESTIMATE

DATE: 3/22/2010

	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL	
MULTI-USE STADIUM						
100	SITE WORK				225,000	
101	FOUNDATION SYSTEMS				1,250,000	
102	BUILDING STRUCTURE				5,240,000	
103	CONCOURSE				1,032,500	
104	PILAYING FIELD AND IRRIGATION				450,000	
105	GATES, FENCE, RAILINGS, RETAINING WALL				385,000	
106	STOREFRONT				88,750	
107	SEATING BOWL & SEATS				1,137,000	
108	SOUND SYSTEM				200,000	
109	PADDING,BENCHES,BACKSTOP, ETC				200,000	
110	UNCONDITIONED SPACE				144,000	
111	SCOREBOARD & PRODUCTION EQUIPMENT				425,000	
112	SIGNAGE AND WAYFINDING GRAPHICS				400,000	
113	FF&E				200,000	
114	SUBTOTAL STADIUM					11,377,250
115	GENERAL CONDITIONS	%	8.00%			910,180
116	PAYMENT AND PERFORMANCE BONDS	%	1.00%			113,773
117	BUILDERS RISK INSURANCE					700,000
118	TOTAL STADIUM					13,101,203
119	TOTAL SITEWORK AND STADIUM					27,962,315
120	GENERAL CONTRACTOR CONTINGENCY		5.00%		1,398,116	
121	GENERAL CONTRACTOR OVERHEAD & PROFIT		3.00%		880,813	
122	SUBTOTAL GENERAL CONTRACTING COSTS					2,278,929
123	TOTAL CONSTRUCTION COSTS:					30,241,244
124	WETLANDS MITIGATION (inclusive of general conditions, bond, insurance, GC OH&P)					1,829,523
125	SOFT COSTS					
	ENGINEERING & ARCHITECTURE					
126	Civil Engineering and Permitting					903,904
127	Architectural Design & Permitting					842,258
128	SUBTOTAL ENGINEERING & ARCHITECTURE					
	MISCELLANEOUS PROFESSIONAL FEES					
129	Geotechnical Engineer				80,000	
130	Photometric Engineer				25,000	
131	Sustainable Development Consultant				20,000	
132	Planning Consultants				175,000	
133	Legal				185,000	
134	SUBTOTAL MISC PROFESSIONAL FEES					485,000
135	IMPACT FEES (ECUA)					27,000
	MISCELLANEOUS COSTS					
136	Inclusion Consultants - Minority and Women				15,000	
137	Permit Fees				5,000	
138	Public Relations & Marketing				75,000	
139	Website Design, Implementation, Maintenance				40,000	
140	Advertising				55,000	
141	Consultant Travel				25,000	
142	Lobbyists				90,000	
143	Special Events				10,000	
144	Meeting Space Rentals				5,000	
145	Signage				10,000	
146	Meals & Entertainment - Perspective Stadium Venue Users				20,000	
147	SUBTOTAL MISCELLANEOUS					350,000
148	DEVELOPMENT FEE		4.00%			1,386,077
149	TOTAL SOFT COSTS					3,994,239

MARITIME PARK PROJECT COST ESTIMATE

DATE: 3/22/2010

ITEM		UNIT	QUANTITY	UNIT COST	TOTAL	
150	TOTAL PROJECT COSTS BEFORE SOFT COSTS CONTINGENCY					36,065,006
151	SOFT COST CONTINGENCY		2.00%			52,163
152	OWNER'S CONTINGENCY		4.00%			1,282,831
153	CMPA MISCELLANEOUS DEVELOPMENT COSTS					
154	Owner's Representative				285,000	
155	Estimators				25,000	
156	Planning Consultants				25,000	
157	Design Consultants				15,000	
158	Miscellaneous Expenses				250,000	
159	SUBTOTAL CMPA MISC					600,000
160						
161	TOTAL PROJECT COSTS					38,000,000