

Article 8: Saugus Riverwalk Pathway Project

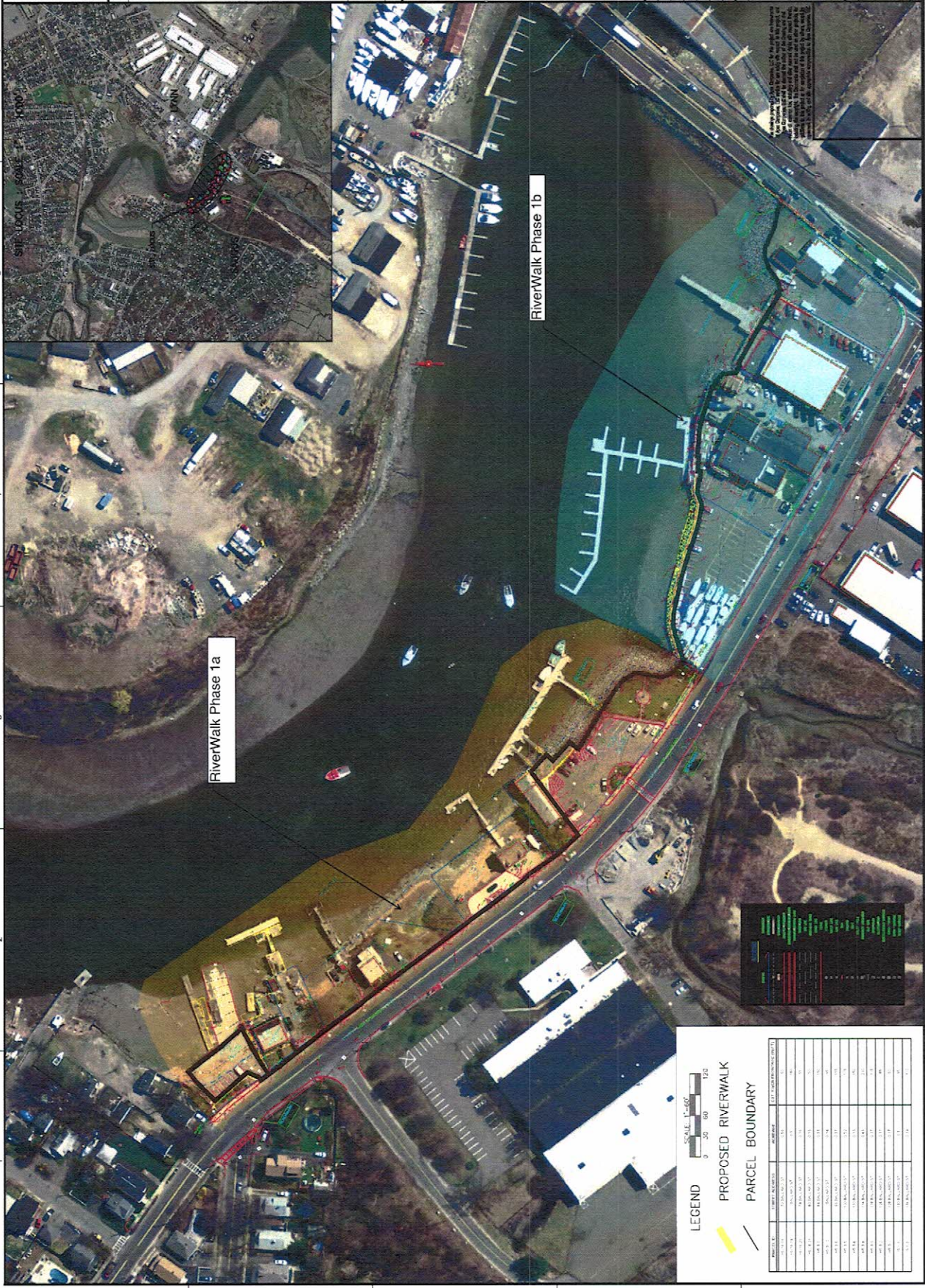
The Town of Saugus has applied for and received a Seaport Economic Council grant in 2016 to fund the preliminary feasibility and design of a Riverwalk Pathway. The design of the Riverwalk has been completed. The next grant application is for final design specs, bidding, construction, and contract management/supervision. Phase 1 of the project has an estimated cost of \$1.2m. The grant for which the Town of Saugus is applying requires a 20% funding match. The appropriation of \$285,000.00 would enhance our opportunity to be awarded this grant by demonstrating the Town's commitment to the project.

A breakdown of Phase 1A estimated project costs and pictures are included.

The funding source for this appropriation is a borrowing authorization.

ARTICLE 8 SAUGUS RIVERWALK PATHWAY PROJECT

Item	Description	Phase 1A - Boat Launch to Lobsterman		Estimated Project Cost to Completion	Estimated Project Cost
1.	Final Design Development				
	Edits to plans per permit requirements and public review process	\$	15,000.00	\$	5,000.00
	Permit Fees	\$	1,500.00	\$	-
	Final Construction Plans	\$	5,000.00	\$	-
	Subtotal	\$	21,500.00	\$	5,000.00
2.	Procurement				
	Construction Specifications	\$	8,000.00	\$	2,000.00
	Procurement Support and Contractor Selection	\$	5,000.00	\$	-
	Subtotal	\$	13,000.00	\$	2,000.00
3	Construction				
	Land Surveyor and Deed Descriptions for Easements	\$	7,500.00	\$	17,500.00
	Legal Support for easements	\$	-	\$	50,000.00
	Equipment Mobilization	\$	30,000.00	\$	-
	Contractor Staging	\$	15,000.00	\$	-
	Construct Riverwalk	\$	294,000.00	\$	201,000.00
	Security and lighting upgrades	\$	64,200.00	\$	43,800.00
	Parking upgrades	\$	10,000.00	\$	40,000.00
	Appurtenances (benches, tables, etc)	\$	10,000.00	\$	10,000.00
	Signage	\$	1,600.00	\$	1,600.00
	Environmental Controls (silt fence, turbidity curtain, etc.)	\$	10,700.00	\$	7,300.00
	Structural upgrades to shoreline	\$	-	\$	400,000.00
	Structural Reinforcement to waterside infrastructure	\$	-	\$	1,000,000.00
	Mitigation and replication	\$	420,000.00	\$	-
	Temporary Traffic Controls	\$	75,000.00	\$	-
					75,000.00
	Temporary Traffic Details	\$	13,500.00	\$	-
	Temporary Disturbance and Restoration to unpaved areas	\$	24,000.00	\$	96,000.00
	Launch infrastructure upgrades	\$	100,000.00	\$	-
					100,000.00
	Dredging at the Launch	\$	37,500.00	\$	-
	Subtotal	\$	1,113,000.00	\$	1,867,200.00
4	Construction Observation and Contract Administration				
	Field Engineering	\$	50,000.00	\$	30,000.00
	As-built record drawings	\$	7,500.00	\$	7,500.00
	Contract Administration	\$	14,000.00	\$	8,400.00
	Subtotal	\$	71,500.00	\$	45,900.00
	Remaining Riverwalk Project Activities Total	\$	1,219,000.00	\$	1,920,100.00
					3,139,100.00



PARCEL NO.	AREA (SQ. FT.)	AREA (AC.)	PERCENTAGE OF TOTAL AREA
1	1,234,567	0.028	0.28
2	2,345,678	0.054	0.54
3	3,456,789	0.079	0.79
4	4,567,890	0.104	1.04
5	5,678,901	0.129	1.29
6	6,789,012	0.154	1.54
7	7,890,123	0.179	1.79
8	8,901,234	0.204	2.04
9	9,012,345	0.229	2.29
10	10,123,456	0.254	2.54
11	11,234,567	0.279	2.79
12	12,345,678	0.304	3.04
13	13,456,789	0.329	3.29
14	14,567,890	0.354	3.54
15	15,678,901	0.379	3.79
16	16,789,012	0.404	4.04
17	17,890,123	0.429	4.29
18	18,901,234	0.454	4.54
19	19,012,345	0.479	4.79
20	20,123,456	0.504	5.04
21	21,234,567	0.529	5.29
22	22,345,678	0.554	5.54
23	23,456,789	0.579	5.79
24	24,567,890	0.604	6.04
25	25,678,901	0.629	6.29
26	26,789,012	0.654	6.54
27	27,890,123	0.679	6.79
28	28,901,234	0.704	7.04
29	29,012,345	0.729	7.29
30	30,123,456	0.754	7.54
31	31,234,567	0.779	7.79
32	32,345,678	0.804	8.04
33	33,456,789	0.829	8.29
34	34,567,890	0.854	8.54
35	35,678,901	0.879	8.79
36	36,789,012	0.904	9.04
37	37,890,123	0.929	9.29
38	38,901,234	0.954	9.54
39	39,012,345	0.979	9.79
40	40,123,456	1.004	10.04

 125 Broad Street, 2nd Floor Boston, MA 02109 Phone: (617) 728-0070		PROJECT NO. 6648-001 CADD FILE DESIGNED BY JER DRAWN BY JER CHECKED BY JER DATE MARCH 2016 DRAWING SCALE 1" = 60'		SHEET TITLE SAUGUS RIVERWALK PHASING PLAN		DRAWING NO. 2		2 OF 2	
OWNER TOWN OF SAUGUS 298 CENTRAL STREET SAUGUS, MA 01906		PROJECT SAUGUS RIVERWALK		NO. 1 DATE 1/1/16 DESCRIPTION TOWN OF SAUGUS RIVERWALK PHASING PLAN					



 125 Broad Street, 3rd Floor Saugus, MA 01906 Phone: (617) 228-0910		PROJECT NO. 001 DATE: 11/11/2016 DRAWN BY: J.R. CHECKED BY: J.R. DATE: 11/11/2016 SCALE: 1"=40'		FIGURE 1 SAUGUS RIVERWALK PHASE 1A	
SAUGUS RIVERWALK TOWN OF SAUGUS 298 CENTRAL ST. SAUGUS, MA 01906		PROJECT NO. 001 DATE: 11/11/2016 DRAWN BY: J.R. CHECKED BY: J.R. DATE: 11/11/2016 SCALE: 1"=40'		FIGURE 1 SAUGUS RIVERWALK PHASE 1A	