

Engineering Services – Quarterly Update



Type A Board
Presentation
October 19, 2020



Current Projects:

Art Center and Art Museum Repairs and Improvements

- **Project scope:** This project will replace existing HVAC system, electrical gear, as well as, several other repairs to roof, plumbing, exterior and interior structure as needed.
- **Current status:** The project scope is being developed.
- **Budget:** \$ 2,750,000 for Art Center
\$1,500,000 for Art Museum





Current Projects: Seawall Capital Repairs

- **Project scope:** The current project consists of concrete surface repairs; repairs to the eight Mirador concrete structures, repainting and repair of the retaining wall structures at the intersections and installation of skate stops along top of wall.
- **Current status:** This project will be re-advertised for bids in November 2020.
- **Budget:** \$1,700,000
- **Design Contract Approved by Type A:** Sept 2018
- **Design Contract Approved by City Council:** Oct 2018
- **Estimated Project Completion:**





Current Projects:

Restoration of SEA District Water Features

- **Project Scope:** Restore functionality to the two water features (Waster Garden and Shoreline Fountain) in the SEA District. The project includes the complete replacement of electrical and mechanical equipment in a new aboveground pumphouse at the Water Gardens.
- **Current Project Status:**
 - Water Garden – The funding for this project was not approved in the Seawall CIP. The project scope is being developed.
 - Shoreline Fountain – The project scope and the cost estimate are being revised to due to minor changes to the project scope. The project will be advertised for bids in November 2020.
- **Current Budget:** \$2,000,000
- **Design Contract Approved by Type A:** Dec 2018

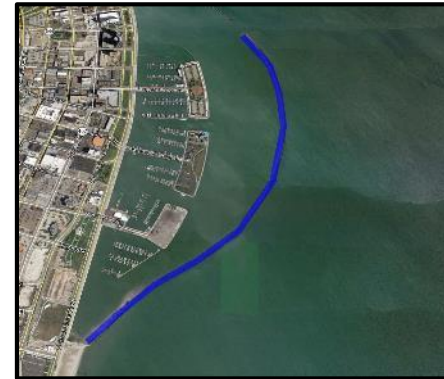




Current Projects:

McGee Beach Breakwater and Marina Dredging

- **Project scope:** This project will repair 1800 LF of the existing McGee Beach rock breakwater and concrete cap. The project will also dredge shoaled areas in the marina. Dredged material to be placed in dredge material placement area (DMPA) owned by the PoCCA. The city will enter into an Interlocal Agreement with PoCCA for use of the DMPA.
- **Current Project Status:** Final plan under review with PoCCA.
 - **Current Budget:** \$4,700,000
 - **Design Contract Approved by Type A:** Feb 2018
 - **Design Contract Approved by City Council:** Feb 2018
 - **Estimated Project Completion:** Mar 2021





Current Projects:

Salt Flats Levee Improvements

- **Project Scope:** The Salt Flats Levee System requires improvements to ensure the system will function as originally designed. The planned improvements will repair functional deficiencies in the levee and protect against the potential for levee breach during a major storm event.
- **Current Project Status:** A draft technical memorandum from the design consultant was submitted on April 15, 2020. The access to the southern end of the levee is restricted due to the Harbor Bridge construction. The project is on pause pending completion of the survey.
 - **Current Budget:** \$2,800,000
 - **Design Contract Approved by Type A:** Sept 2019
 - **Design Contract Approved by City Council:** Oct 2019
 - **Estimated Project Completion:** Oct 2021





Current Projects:

USACE & Science Museum Bulkhead Repairs

- **Project scope:** Construct a new bulkhead and the waterfront armoring against wave erosion. Project will also incorporate landscape features to enhance pedestrian circulation and experience.
- **Current Project Status:** This project was approved by Type A Board on August 17, 2020. The underlying real estate is owned by USACE and PoCCA. City leadership wishes to engage with USACE and PoCCA about future plans before initiating design. FEMA has also recently published a draft FIRM with a favorable BFE.
- **Current Budget:** \$12,500,000
- **Design Contract Approved by Type A:** 8/17/20
- **Design Contract Approved by City Council:** NA
- **Estimated Project Completion:** TBD





Current Projects: Comprehensive Feasibility Study for Seawall

- **Project scope:** Perform feasibility studies and cost estimate for projects recommended to be considered for inclusion in the Seawall CIP.
- **Current status:** HDR, Inc., preparing 6 feasibility studies for Marina improvements. Draft report due at the end of this month.
- **Current Budget:** \$500,000
- **Design Contract Approved by Type A:** Dec 2019
- **Design Contract Approved by City Council:** Jan 2020
- **Estimated Project Completion:** Jul 2020

Type A Seawall CIP Project Nomination One Sheet Per Project	
1. Proposed Project Location:	2. *Project Title:
3. *Requesting Department:	4. *Date Requested:
5. Estimated Cost (if known): \$	6. Is there a matching grant or matching funds option?
7. Project Objective:	
8. Project Justification:	
9. Statement of Work (SOW)	
a. General Description of Required Work:	
b. User Requirements (features, capacity, compatibility, interoperability, quality, "must do's"):	
c. Project Constraints (project boundaries, interfaces, "must not do's," schedule constraints):	
10. Is there a Required Completion Date (due to funding requirements):	
11. Internal Stakeholders (Operating Departments):	

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Questions

