

# Engineering Services – Monthly Update



Type A Board  
Presentation  
May 18, 2020



# 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:** Bid opening held on March 4, 2020. Award of construction scheduled for May 12, 2020 City Council meeting. Digg Commercial LLC was the lowest bidder at \$946,313.00.
  - **Budget:** \$1,700,000
  - **Design Contract Approved by Type A:** Sept 2018
  - **Design Contract Approved by City Council:** Oct 2018
  - **Estimated Project Completion:** Sept 2020





# Current Projects:

## Restoration of SEA District Water Features

- **Project Scope:** Restore functionality to the two water features in the SEA District. The project includes the complete replacement of electrical and mechanical equipment in a new aboveground pumphouse at the Water Gardens. Project will be bid to allow for various award options depending on the bid outcome.
  
- **Current Project Status:** Bid opening was April 15, 2020. Only one incomplete, non-responsible, bid was received. Staff evaluating reasons for lack of bidders.
  - **Current Budget:** \$1,995,000
  - **Design Contract Approved by Type A:** Dec 2018
  - **Design Contract Approved by City Council:** May 2019
  - **Estimated Project Completion:** Mar 2021

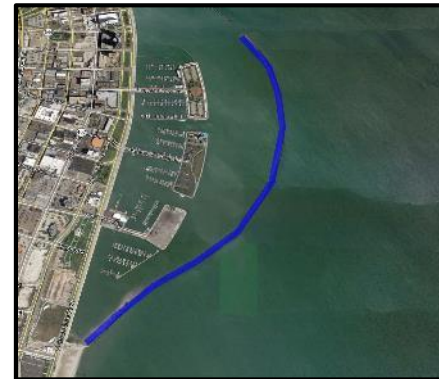




# Current Projects:

## 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:** Finalize third-party agreement and Interlocal agreement between City and Port of Corpus Christi for placement of dredged materials.
  - **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:** Project design is underway. A technical memorandum from the design consultant was submitted on April 15, 2020 and is under review.
  - **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:** In preliminary design. A design contract has been negotiated with Jacobs. A stakeholder meeting is scheduled to have consensus with the project scope and timeline.
- **Current Budget:** \$12,500,000
  - **Design Contract Approved by Type A:** N/A
  - **Design Contract Approved by City Council:** May 2020 (anticipated)
  - **Estimated Project Completion:** Dec 2021





# Current Projects: Comprehensive Seawall CIP Update

- **Project scope:** Perform feasibility studies and cost estimate for projects recommended to be considered for inclusion in the Seawall CIP.
- **Current status:** Engineering Services received 9 proposals from HDR, Inc., for feasibility studies. Staff is negotiating costs for each proposal.
- **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:	
<b>9. Statement of Work (SOW)</b>	
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):	

Page 1



# Questions

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