

# Engineering Services – Monthly Update



Type A Board  
Presentation  
March 16, 2020



# Current Projects: Water's Edge Playground Repairs

- **Project scope:** Work includes removal and replacement of the existing fall zone protection and installation of a new concrete foundation in playground area.
- **Current status:** Project is completed.
  - **Budget:** \$350,000
  - **Approved by Type A:** Oct 2019
  - **Approved by City Council:** Dec 2019
  - **Estimated Completion:** Mar 2020



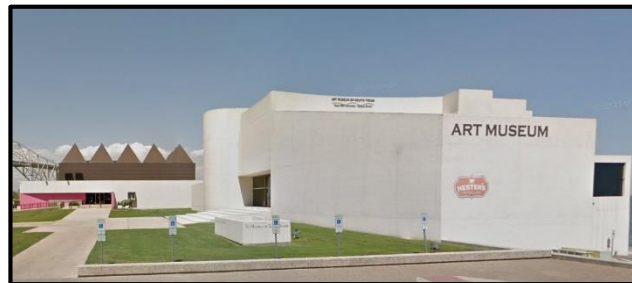


# Current Projects:

## Art Center & Art Museum Facility Assessments

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- **Project scope:** Perform comprehensive condition assessments of the Art Museum and Art Center.
  
- **Current status:** Reports have been received by Engineering Services. Reports are under review.
  
- **Budget:** \$82,710
- **Approved by Type A:** Dec 2019
- **Approved by City Council:** Dec 2019
- **Estimated Completion:** Feb 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:** Project is currently advertised for bid. Bid opening scheduled for March 4, 2020.
  - **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:** Project was advertised for construction on March 1, 2020.
  - **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

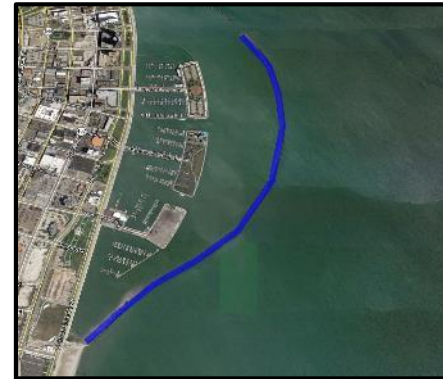




# Current Projects:

## 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 is due on March 17, 2020.
  - **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.
- **Current Budget:** \$12,500,000
- **Design Contract Approved by Type A:** April 2020 (anticipated)
- **Design Contract Approved by City Council:** April 2020 (anticipated)
- **Estimated Project Completion:** Dec 2021





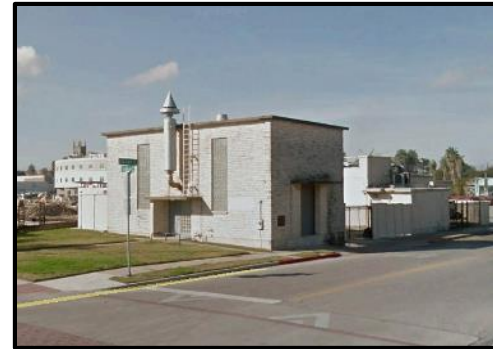


# Current Projects:

## Kinney & Power Street Pump Station Improvements

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- **Project scope:** This project updated the hydraulic model and studied ways to enhance reliability and capacity of the downtown storm water pumping system.
  
- **Current Project Status:** A final report has been delivered.
  
- **Current Budget:** \$500,000
- **Design Contract Approved by Type A:** NA
- **Design Contract Approved by City Council:** NA
- **Estimated Project Completion:** Complete





# 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:** The consultant is under contract. Project nomination forms have been distributed.
  - **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):	

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# Questions

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