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**CITY OF PORT LAVACA**

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**PORT COMMISSION MEETING:** 9.20.2022

**DATE:** 9.15.2022

**TO:** PORT COMMISSION CC: J. RUDELLAT

**FROM:** JODY WEAVER, INTERIM CITY MANAGER 

**SUBJECT:** CDBG-MIT GRANT COASTAL RESILIENCY PROJECT / RESTORE GRANT

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- I have attached a copy of a Progress Report Update from Mott McDonald dated 9/2/2022.
- We heard from TCEQ on 9/12 that they are expecting award of the funds within a few days and will be sending out a draft contract soon. Susan had a meeting with TCEQ regarding procurement processes and is working to get requested information submitted to them soon.

# Monthly Progress Report

Reporting Period: August 2022

## Project Information

Project Name	Port Lavaca Living Shoreline Breakwater
City Resolution	R-050922-5
CDBG-MIT Contract	20-087-001-D226
City PM	Jody Weaver
Mott MacDonald PM	Josh Carter
Mott MacDonald Project Number	507107066
Date	9/02/2022

## Project Milestones

Milestone Description	Date (Actual=A)	Notes
<b>Task 1: Project Kickoff</b>		
Project Kickoff Meeting	6/8/2022 (A)	
Memorandum of Project Understanding	6/21/2022 (A)	
<b>Task 2: Data Collection and Analysis</b>		
Collect available coastal processes data	7/29/2022 (A)	
Collect USACE historical survey data		Not yet started
Collect new bathymetric and topographic data	8/3/2022 (A)	New data collection complete
Collect new geotechnical data	11/9/2022	Not Started; wait for template design
Collect new cultural resources data	11/9/2022	Not Started; wait for template design
Collect new habitat data	11/9/2022	Not Started; wait for template design
Technical memorandum on data collection	11/18/2022	Not Started; wait for template design
<b>Task 3: Coastal Analysis, Alts Development, Alt Eval</b>		
Coastal Engineering Analysis	9/21/2022	In progress
Alternatives Development	10/12/2022	
Meeting on Alternatives Development	10/28/2022	
Alternatives Evaluation	12/21/2022	
Meeting on Alternatives Evaluation	12/21/2022	
Tech Memo on CEA and Alts Analysis	1/13/2023	
<b>Task 4: Preliminary Design</b>		
Prelim design: 30% plans, cost, report	1/25/2023	
<b>Task 5: Regulatory Compliance - Submittals and Processing</b>		
Prepare application and permit plans	2/8/2023	
<b>USACE Regulatory Permitting</b>		
USACE pre-application meeting	3/8/2023	
Submit USACE Permit Application	3/22/2023	
Issuance of USACE Permit	11/1/2023	

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Milestone Description	Date (Actual=A)	Notes
<b>TXGLO Coastal Lease</b>		
Submit coastal lease application to GLO	3/22/2023	
<b>Task 6: Engineering Design</b>		
Submit 70% Design	3/22/2023	
Submit 95% Design	5/31/2023	
Develop for proposal package	11/23/2023	
<b>Task 7: Construction Proposal Solicitation Assistance</b>		
Out to bid	12/27/2023	
Issue Construction NTP	4/3/2024	

## Project Budget

Budget Summary	% Complete by Budget	notes
Task 1: Develop Project Understanding	99%	
Task 2: Data Collection and Analysis	71%	
Task 3: Coastal Analysis, Alts Development, Alts Eval	11%	
Task 4: Preliminary Design	0%	
Task 5: Regulatory Compliance	0%	
Task 6: Final Design	0%	
Task 7: Bidding Phase Services	0%	
Task 8: Engineering Services during Construction	0%	
Task 9: Project Management	3%	
<b>Overall</b>	<b>9%</b>	

## Activities Performed This Period

### Activity Summary

#### Task 1: Project Kickoff

- Task Completed

#### Task 2: Existing and New Data Collection

- Bathy and magnetometer survey completed 8/3/2022; deliverable received 8/9/2022. Survey deliverable (bathy and magnetometer survey) included in email submission of this report
- Ongoing: USACE coordination on historical dredging data of Port Lavaca Channel and other information on Matagorda Channel deepening.
- Other new data collection – geotechnical, habitat surveys, cultural resources surveys - waiting development of draft project template to direct location of that data collection

#### Task 3: Coastal Analysis, Alts Development, Alts Evaluation

- Coastal data processing and analysis ongoing.
- New bathy data incorporated into larger scale bathymetric surface of Lavaca and Matagorda Bay is complete. This is basis of modeling, analysis and design to progress through next tasks
- Coastal modeling of site ongoing
  - Storm surge model set up; testing in progress
  - Local wave model initial setup complete; testing in progress

### Activity Summary

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#### Task 4: Preliminary Design

- Not yet started
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#### Task 5: Regulatory Compliance

- Not yet started
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#### Task 6: Final Design

- Not yet started
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#### Task 7: Bidding Phase Services

- Not yet started
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#### Task 8: Construction Proposal Solicitation Assistance

- Not yet started
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#### Task 9: Project Management

- Ongoing internal project management e.g. scheduling, invoicing, resourcing, etc.
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### Anticipated Effort Next Period

- Complete coastal modeling and analysis of existing project site conditions
- Initiate development of project alternatives
- Continue to coordinate with USACE for available data

### Outstanding Items

- USACE has not responded to coordination requests. Mott will continue outreach.

Please do not hesitate to contact me if you have any questions or comments.

Sincerely,



Josh Carter, PE, D. CE

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