

Monthly Progress Report

Reporting Period: July 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 | 8/15/2022 |

Project Milestones

| Milestone Description | Date (Actual=A) | Notes |
|--|--------------------|---------------------------------------|
| Task 1: Project Kickoff | | |
| Project Kickoff Meeting | 6/8/2022 (A) | |
| Memorandum of Project Understanding | 6/21/2022 (A) | |
| Task 2: Data Collection and Analysis | | |
| 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 |
| Task 3: Coastal Analysis, Alts Development, Alt Eval | | |
| 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 | |
| Task 4: Preliminary Design | | |
| Prelim design: 30% plans, cost, report | 1/25/2023 | |
| Task 5: Regulatory Compliance - Submittals and Processing | | |
| Prepare application and permit plans | 2/8/2023 | |
| USACE Regulatory Permitting | | |
| 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 |
|--|--------------------|-------|
| TXGLO Coastal Lease | | |
| Submit coastal lease application to GLO | 3/22/2023 | |
| Task 6: Engineering Design | | |
| Submit 70% Design | 3/22/2023 | |
| Submit 95% Design | 5/31/2023 | |
| Develop for proposal package | 11/23/2023 | |
| Task 7: Construction Proposal Solicitation Assistance | | |
| Out to bid | 12/27/2023 | |
| Issue Construction NTP | 4/3/2024 | |

Project Budget

| Budget Summary | % Complete by Budget |
|---|-------------------------|
| Task 1: Develop Project Understanding | 95% |
| Task 2: Data Collection and Analysis | 38% |
| Task 3: Coastal Analysis, Alts Development, Alts Eval | 8% |
| 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 | 2% |
| Overall | 6% |

Activities Performed This Period

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|---|
| Activity Summary |
| Task 1: Project Kickoff <ul style="list-style-type: none"> Memo of Project Understanding – submitted 6/21/2022 Task Completed |
| Task 2: Existing and New Data Collection <ul style="list-style-type: none"> Completed compilation and processing of existing coastal data Bathy and magnetometer survey completed 8/3/2022 Ongoing: USACE coordination on historical dredging data of Port Lavaca Channel and other information on Matagorda Channel deepening. Other new data collection waiting development of draft project template to direct location of that data collection |
| Task 3: Coastal Analysis, Alts Development, Alts Evaluation <ul style="list-style-type: none"> Coastal data processing and analysis underway Started developing bathymetric surface from existing data; incorporating new survey data Initiated coastal modeling of site |
| Task 5: Regulatory Compliance <ul style="list-style-type: none"> Not yet started |

Activity Summary

Task 5: Final Design

- Not yet started

Task 6: Bidding Phase Services

- Not yet started

Task 7: Construction Proposal Solicitation Assistance

- Not yet started

Task 8: Project Management

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

- Progress coastal modeling and analysis
- Coordinate with USACE for available data

Outstanding Items

- none

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

Sincerely,



Josh Carter, PE, D. CE

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