



PIC Meeting Agenda

- Welcome and Call to Order:
 - Co-Chairs: Judy Haner, The Nature Conservancy & Patric Harper, U.S. Fish and Wildlife Service
- Old Business:
 - Accept minutes from September 12, 2019 and February 20, 2020 meetings
- New Business:
- Presentations:
 - MBNEP Restoration Team Update
 - Project Updates – Mobile County
 - TNC: Mary Kate Brown, Lightning Point
 - ADCNR: Jeremiah Kolb, Point aux Pins
 - Mobile County: Matthew Jones, Dauphin Island Causeway and Bayfront Park
 - Project Updates – Baldwin County
 - ADCNR: Jeremiah Kolb, D'Olive Bay Dredging
 - City of Daphne: Ashley Campbell, Tiawasee Creek Stormwater Facility Enhancement and Forever Wild D'Olive Bay Land Acquisition
 - City of Foley: Leslie Gahagan, Bon Secour Headwaters Restoration Project
- Announcements and Adjourn

Lightning Point Restoration Project



Looking east across Phase 1, East Marsh Creation Area- old meets the new

Photo by Mike Hardy, Moffatt & Nichol

Project Purpose: To restore and protect the shoreline of Bayou La Batre and create additional coastal habitat

Project Goals:

- To build 1.5 miles of breakwater and jetties
- To create up to 40 acres of coastal habitats: scrub-shrub, tidal marsh, and tidal creeks
- To utilize dredged material
- To improve the managed access for the community of Bayou La Batre
- To monitor the site for 5 years

Project Objectives:

- Permit the project – DONE – April 2019
- Hire contractors – DONE – August 2019
- Initiate construction – DONE - September 2019
- Complete construction – Pending – August 2020

Lightning Point Restoration Project

Project Status and Next Steps:

- Project is active and pending completion for early August 2020.
- Dredging is COMPLETE! Demobilization of dredging equipment active.
- Phase 1 of East Marsh Creation Area is almost complete with woody plants to be installed in July 2020.
- Phase 2 of East Marsh Creation Area is almost complete with construction of tidal creeks and scrub-shrub and will be surveyed before marsh grasses are installed.
- Phase 3 of East Marsh Creation Area is filled and awaiting survey before construction of tidal creeks and scrub-shrub initiate.
- West Marsh Creation Area is ready to be surveyed and begin construction of tidal creeks and scrub-shrub habitat.
- The upland slope along the shoreline will be outfitted with an articulated concrete mattress next week.
- Next steps involved marsh plantings, surveys, landowner agreements...



Wildlife at Lightning Point (clockwise from top left): Least Terns, Avocets, Least Tern eggs, Black Skimmers

Photos by Mike Hardy, Moffatt & Nichol

Lightning Point Restoration Project: COVID-19 Response

- Our contractors, engineers and TNC have been following rules and guidance by CDC to maintain social distancing, but no significant impacts have interrupted the project's workflow.
- We are adjusting accordingly as needed.

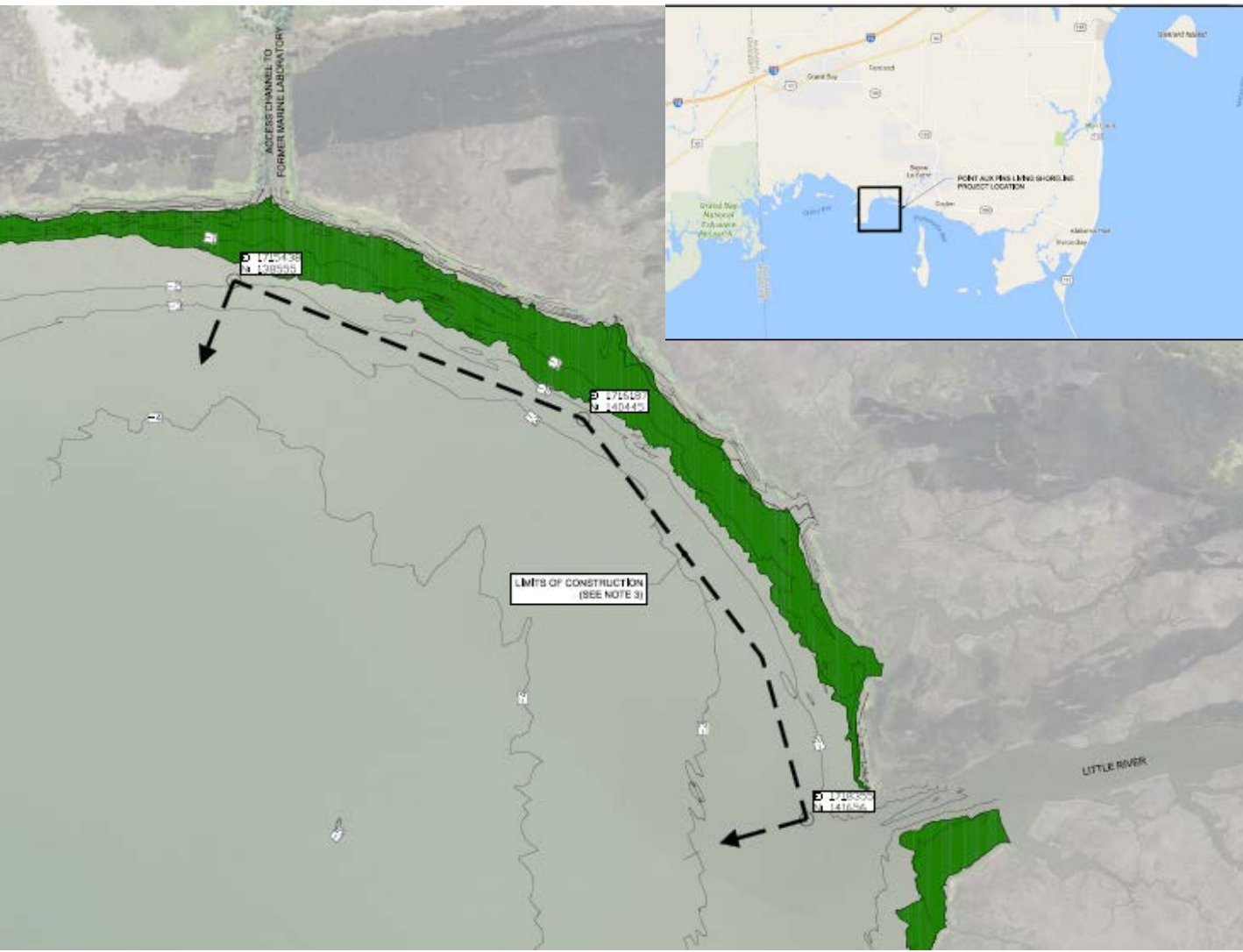


Looking north across old Alpha dredge spoil site, West Marsh Creation Area

Photo by Mike Hardy, Moffatt & Nichol

Lightning Point Drone Footage

Point aux Pins Living Shoreline Restoration



Project Purpose: To install approximately 3,000 linear feet of pre-cast concrete wave attenuating units (WAU) along the marsh shoreline of Point aux Pins in South Mobile County (NRDA Funds).

Project Goals:

- To reduce the rate of erosion through the reduction of wave height and energy while enhancing the benthic ecosystem function of the project area.

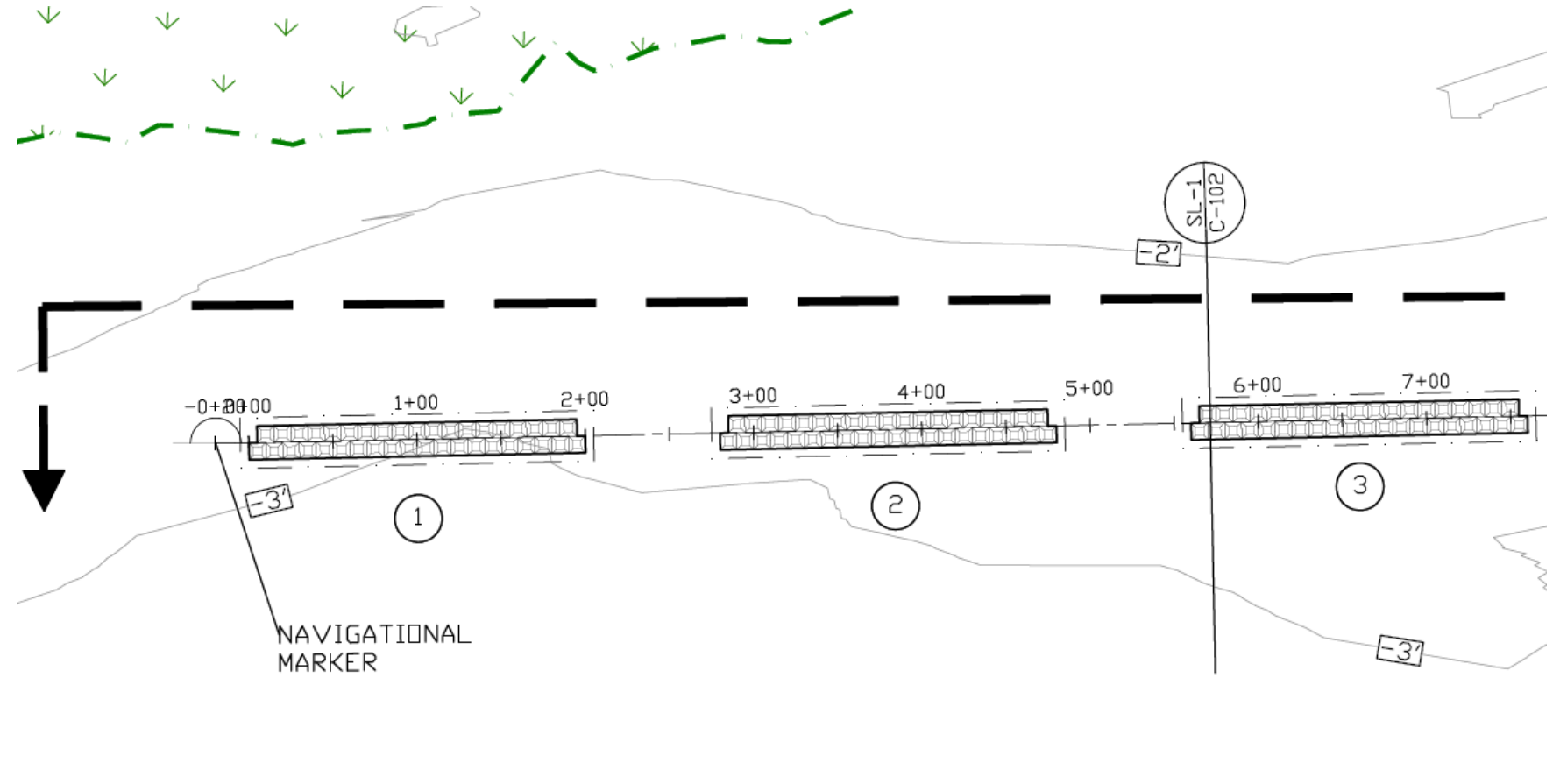
Project Objectives:

- Post monitoring of the breakwater complex will be observed for 5 years to ensure all breakwater segments were constructed as specified.
- The benthic productivity will be measured annually in late summer from Years 1-5 to determine if invertebrate epifauna presence is at 90% at Year 5.

Point aux Pins Living Shoreline Restoration

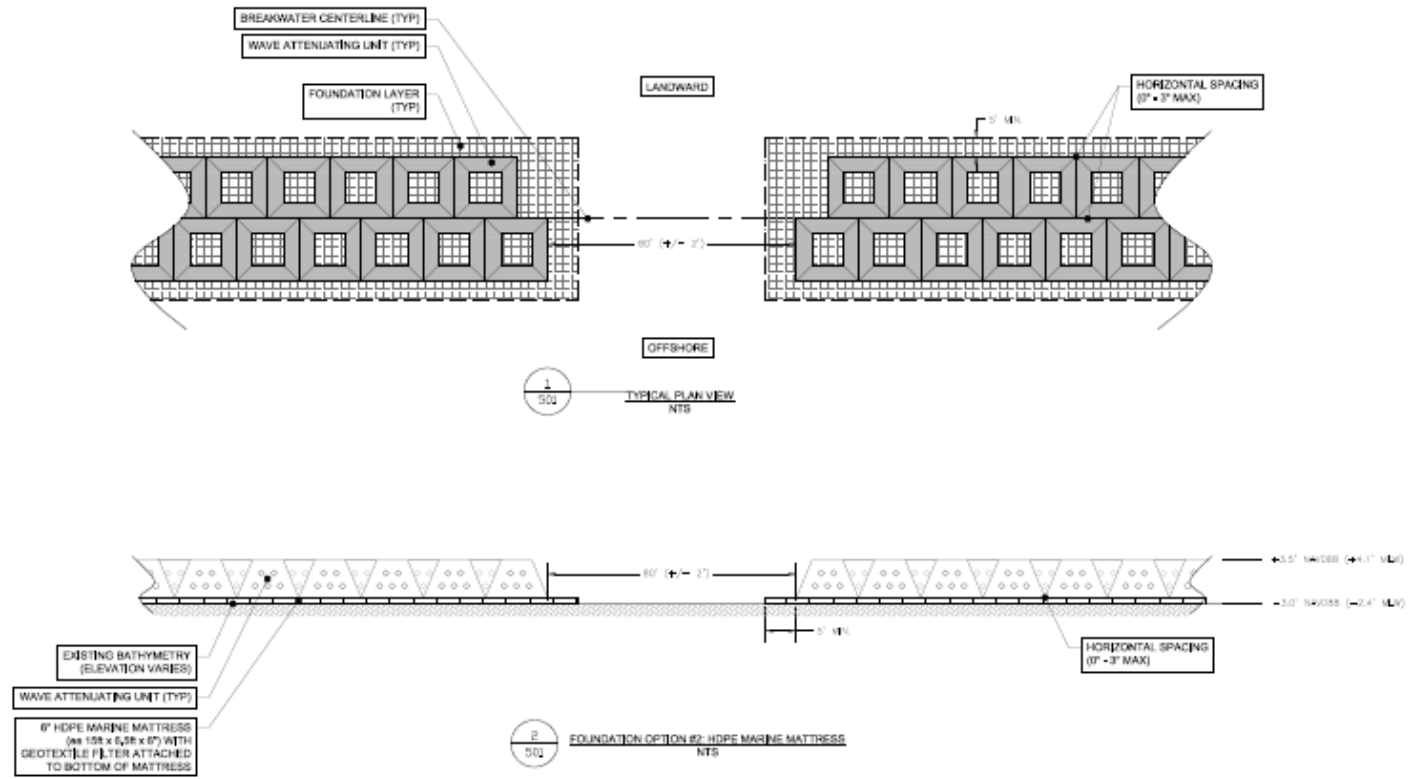
Project Status and Next Steps:

- ADCNR is currently working to award the project.
- Once awarded, the contractor will have 165 days to complete project.

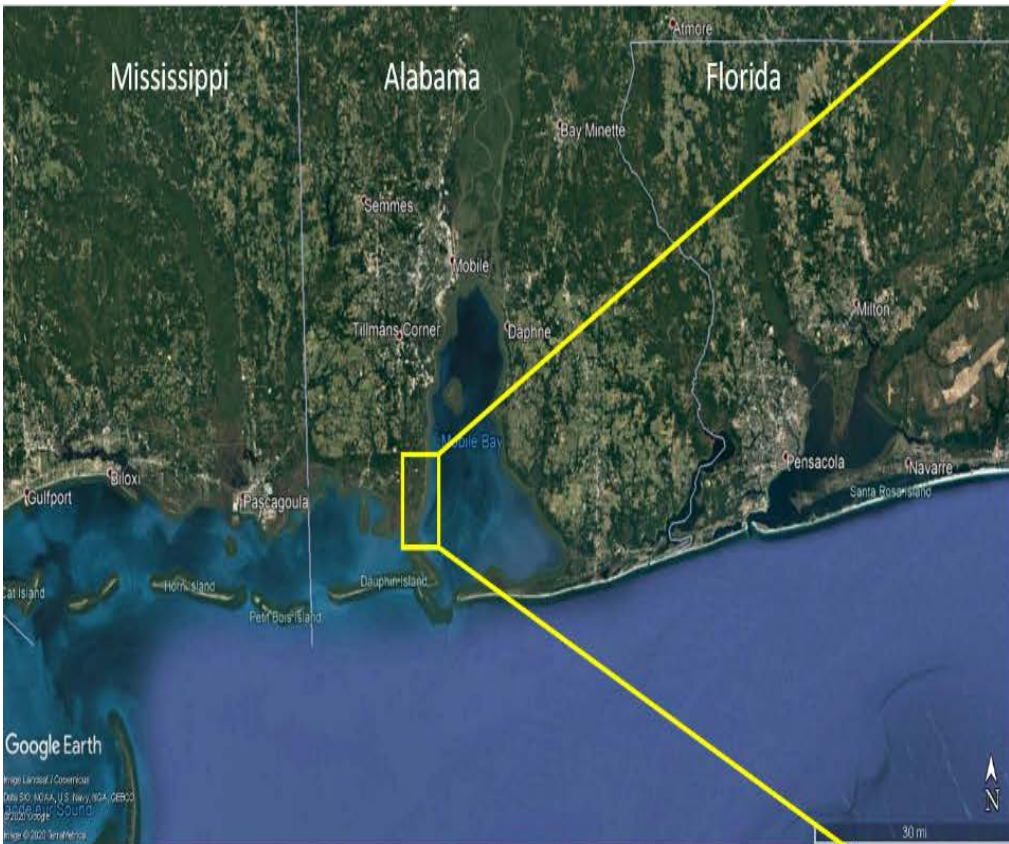


Point aux Pins: COVID-19 RESPONSE

- No obvious impacts due to the COVID-19 shutdowns.
- Bids were received in late January and ADCNR had been working to approve the budget prior to awarding the contract.



Dauphin Island Causeway



Project Purpose: To investigate the feasibility of project design and implementation to strengthen costal ecosystems and stabilize/restore the shoreline

Project Goals:

- Stabilize/restore 3.2 miles of shoreline along Dauphin Island Causeway.
- Create a living shoreline and enhance aquatic and wetland habitats
- Protect roadway and improve resiliency

Project Objectives:

- Develop a design that will restore the shoreline of Dauphin Island Causeway and enhance the ecological community.

Dauphin Island Causeway

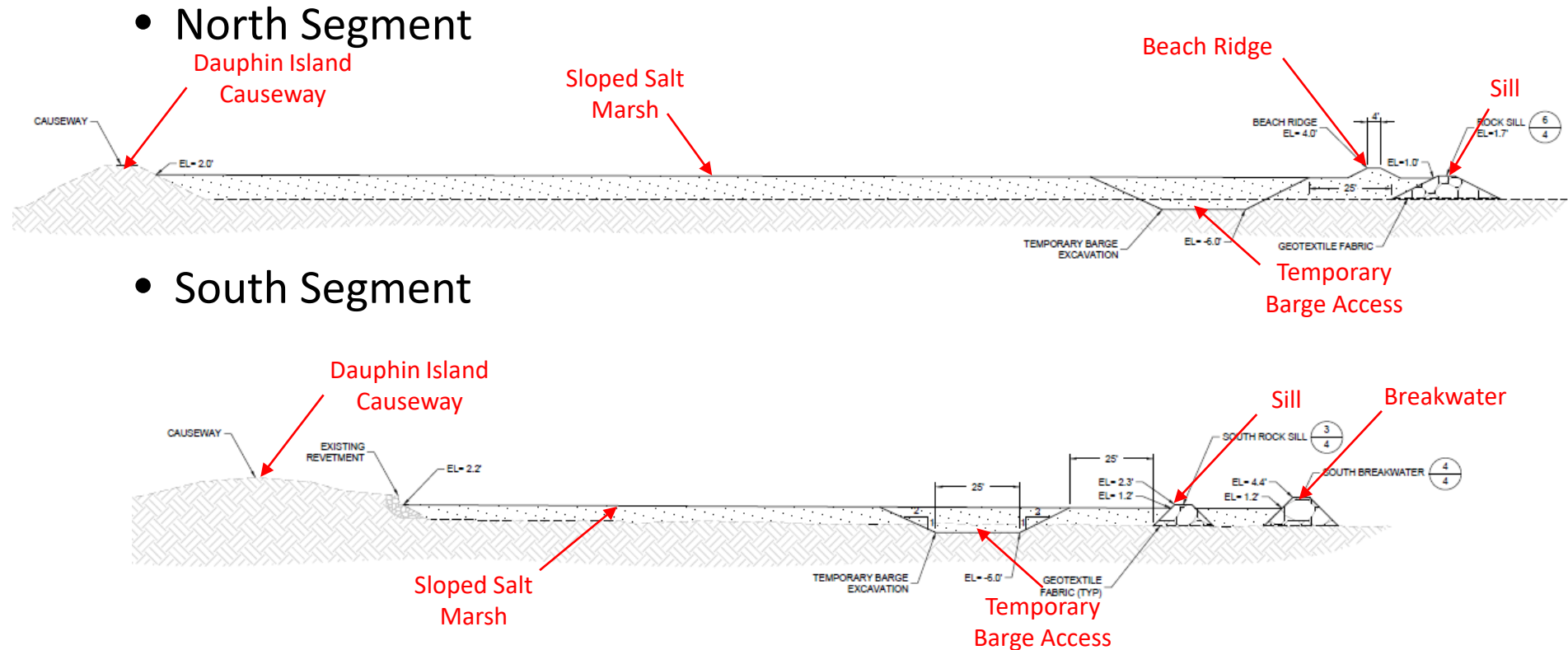
Project Status and Next Steps :

- Design (30-60%)
 - Modeling
 - Completed alternatives analysis modeling (wave, hydrodynamic, morphology, Xbeach)
 - Geotechnical
 - Completed 60% design geotechnical analysis
 - 30% Design Drawings of preferred alternatives
- Permitting
 - Permit drawings and application nearing completion
- Sediment Source and Delivery
 - Hot issue (Beneficial use – existing/future / trucking vs. barging)
- Funding
 - Grant received for completion of design and North Segment construction (Bayfront Park to Heron Bay Cutoff)
 - Grant applied for for South Segment construction

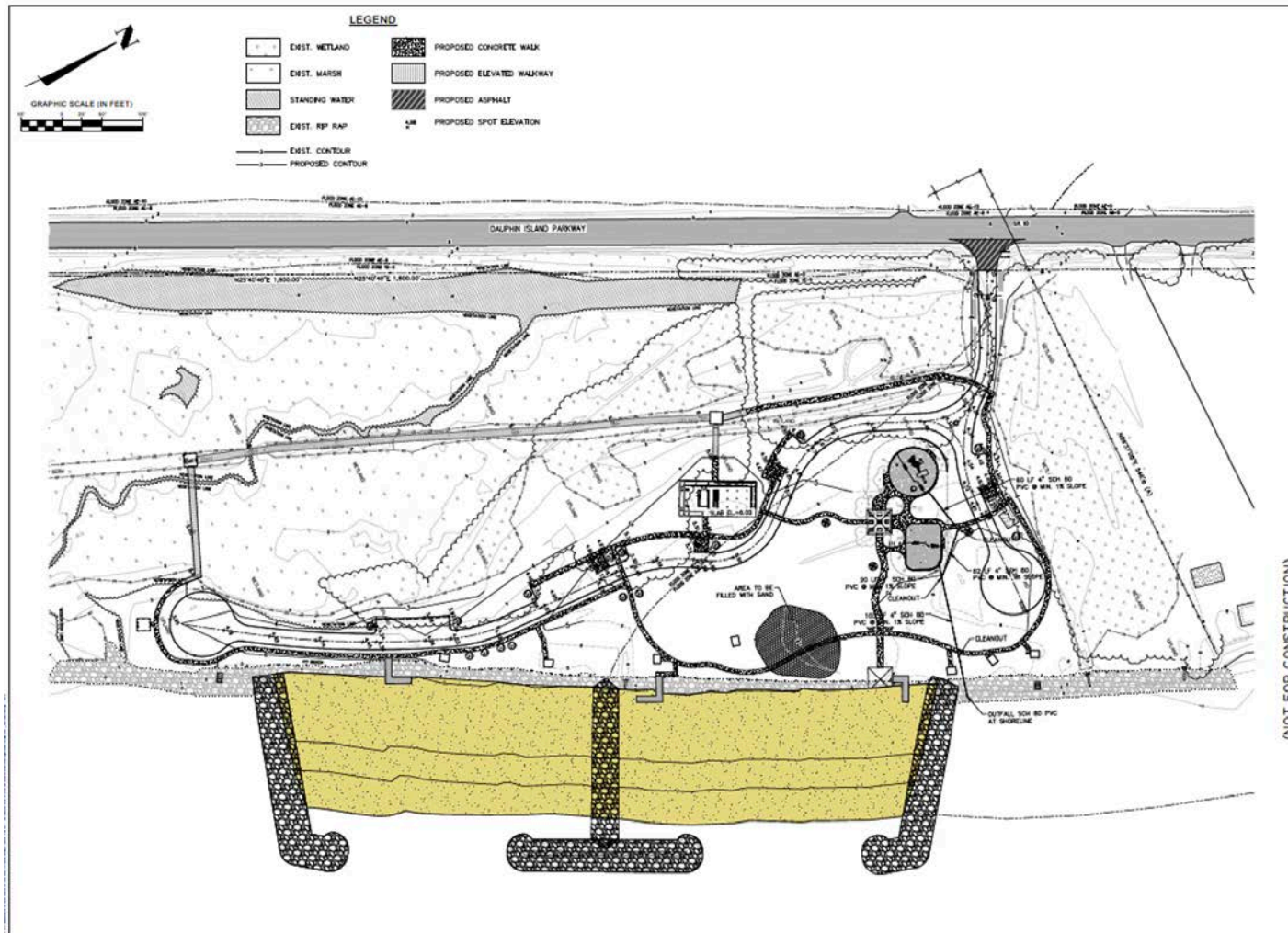


Dauphin Island Causeway: COVID-19 RESPONSE

- COVID-19 has not impacted the timeline of this project, but it has impacted the way the project team communicates.
- The project team now interacts with increased email communication, Skype, GoToMeeting, etc.



Bayfront Park



Project Purpose: Develop a Master Plan to improve Bayfront Park

Project Goals:

- Improve the recreational value of the park through new park features
- Increase access to the water with a pocket beach

Project Objectives:

- The development of a master plan, will allow the recreational area of the park to be updated and expanded, as well as add access to the beach

Bayfront Park

Project Status:

- Mobile County has received the 90% design submittal for the park and 100% design submittal for the architectural.
- USACE permit has been submitted and concurrence on EFH has been received.

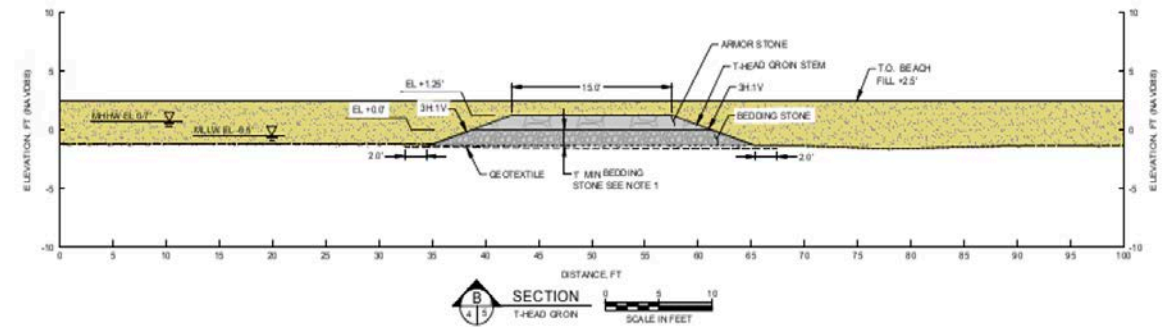
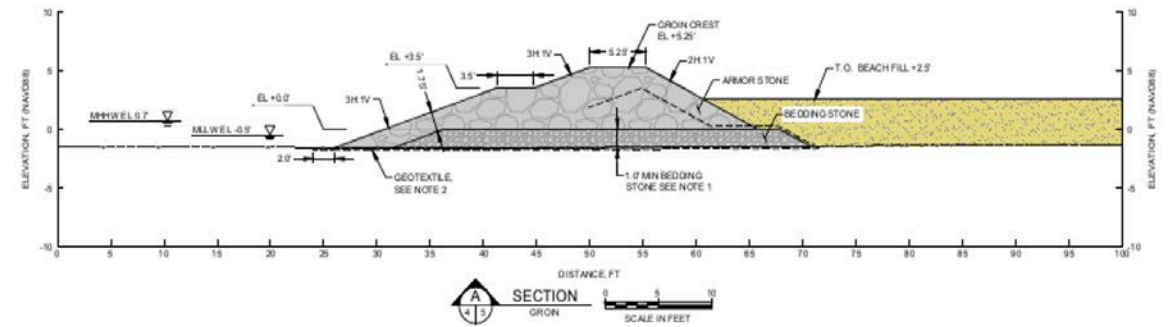
Next Steps:

- Mobile County is awaiting the 60% design submittal for the pocket beach.



Bayfront Park : COVID-19 RESPONSE

- COVID-19 has not impacted the timeline of the project; however, it has changed the way the project team interacts.
- The project team now interacts with increased email communication, conference calls, Zoom meetings, Webex Meetings, etc.



D'Olive Bay Boat Channel Dredging



Project Purpose: To improve channel access to the only public boat launch in the City of Daphne (GOMESA Funding).

Project Goals:

- Dredge approximately 22,000 cubic yards or 5.5 acres of silty sand material in order to provide the public and emergency responders with improved access to Mobile Bay and the Tensaw River Delta.

Project Objectives:

- The channel will be dredged to a maximum of -7 feet at mean low water.

D'Olive Bay Boat Channel Dredging

Project Status and Next Steps:

- Note that this is the City of Daphne's first dredge project.
- The contract was awarded on February 1 and work began on February 28.
- The project is expected to be finished by the end of May.

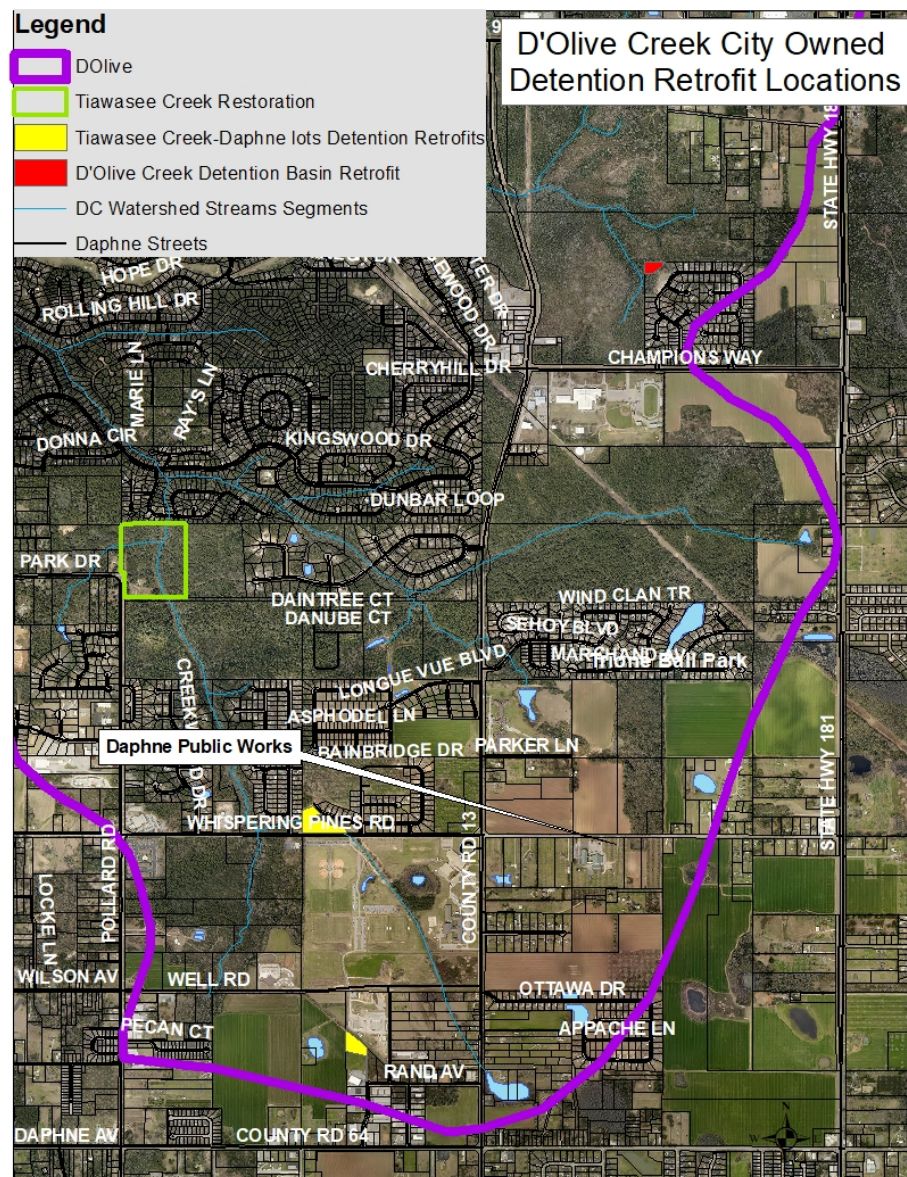


D'Olive Bay Boat Channel Dredging: COVID-19 Response

- There have been no delays associated with the COVID-19 shutdowns as this project was underway prior to most of the shutdowns.



Tiawasee Creek Watershed Stormwater Facility Enhancement



Project Purpose:

- Restore and enhance two existing stormwater facilities in the Tiawasee Watershed (MBNEP/NFWF/ADEM funded)

Project Goals:

- Re-design two stormwater facilities

Project Objectives:

- Install two stormwater management facilities
- Restore hydrology
- Remediate the effects of post-construction stormwater pollution
- Improve water quality in Tiawasee Creek

Tiawasee Creek Watershed Stormwater Facility Enhancement

Project Status and Next Steps:

- JADE Consulting-Engineering and design
95% Complete
- USACE Permit Issuance-TBD
- Bid and award project-Tentative Date:
July – August, 2020
- Start Construction-Tentative Date:
September – November, 2020



Stormwater Outfall to be Modified

Tiawasee Creek Stormwater Facility: COVID-19 Response

- Due to Covid-19, there has been a delay with USCOE permitting.



Forever Wild D'Olive Bay Land Acquisition



Legend

- FW Friday Construction Purchase
- City of Daphne Donation
- Village Point Donation
- FW Friday Const Addl FW Parcels

Project Purpose:

- Purchase acreage along D'Olive Bay

Project Goals:

- To preserve acreage on Valentine Island

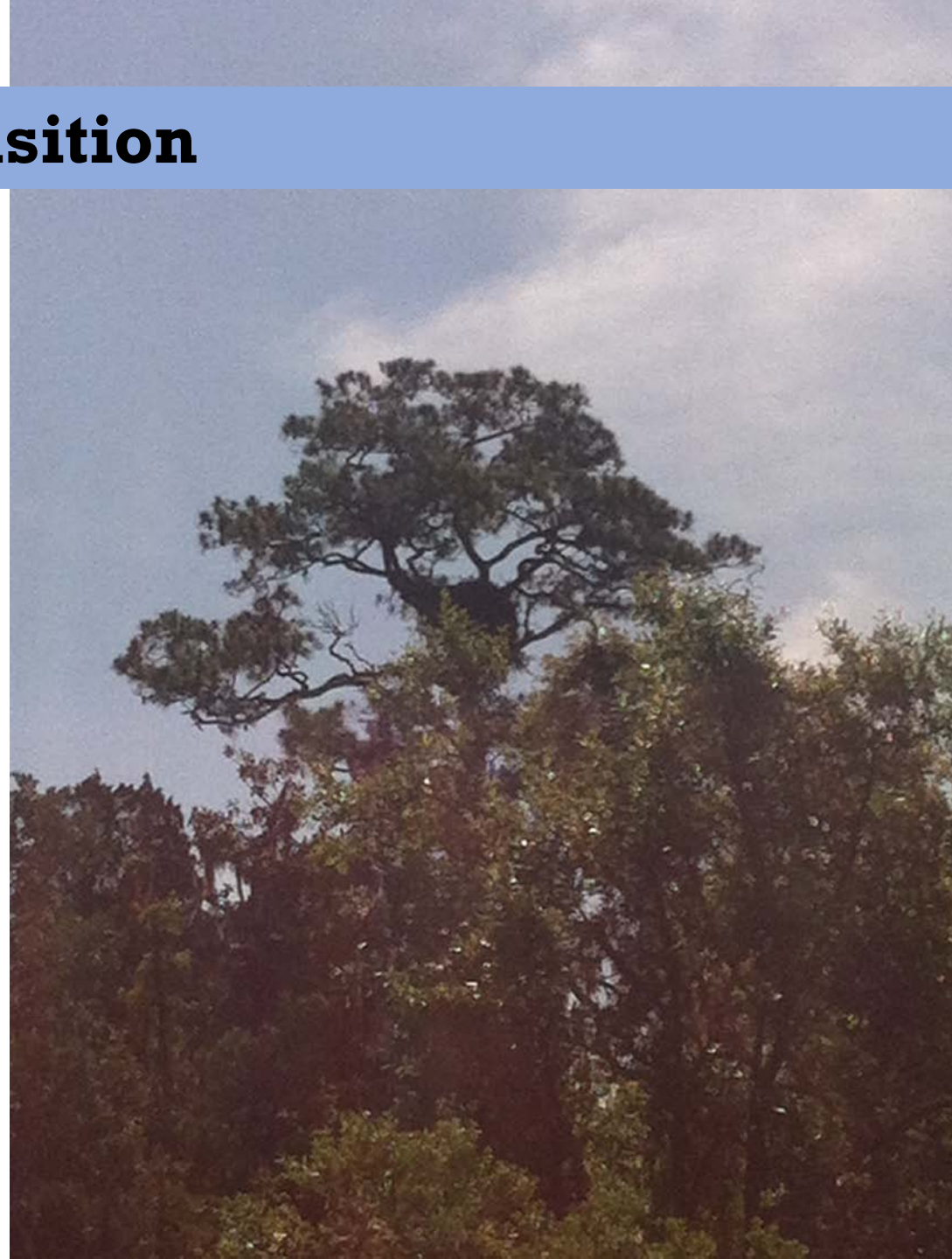
Project Objectives:

- Purchase approx. 100 acres on Valentine Island
- Protect and preserve a total of 210 acres along D'Olive Bay

Forever Wild D'Olive Bay Land Acquisition

Project Status and Next Steps:

- Landowner has accepted offer
- Trying to add additional parcels along road
- Finalize purchase by end of 2020



D'Olive Bay Land Acquisition: COVID-19 Response

- There are no impacts to this project due to COVID-19.



Black Water Swamp

Bon Secour River Headwaters Restoration Phase I



Project Purpose:

- Restore the headwaters of the Bon Secour River due to urbanization impacts

Project Goals:

- Reduce urbanized stormwater pollutant impacts through a constructed natural wetland system and invasive species removal

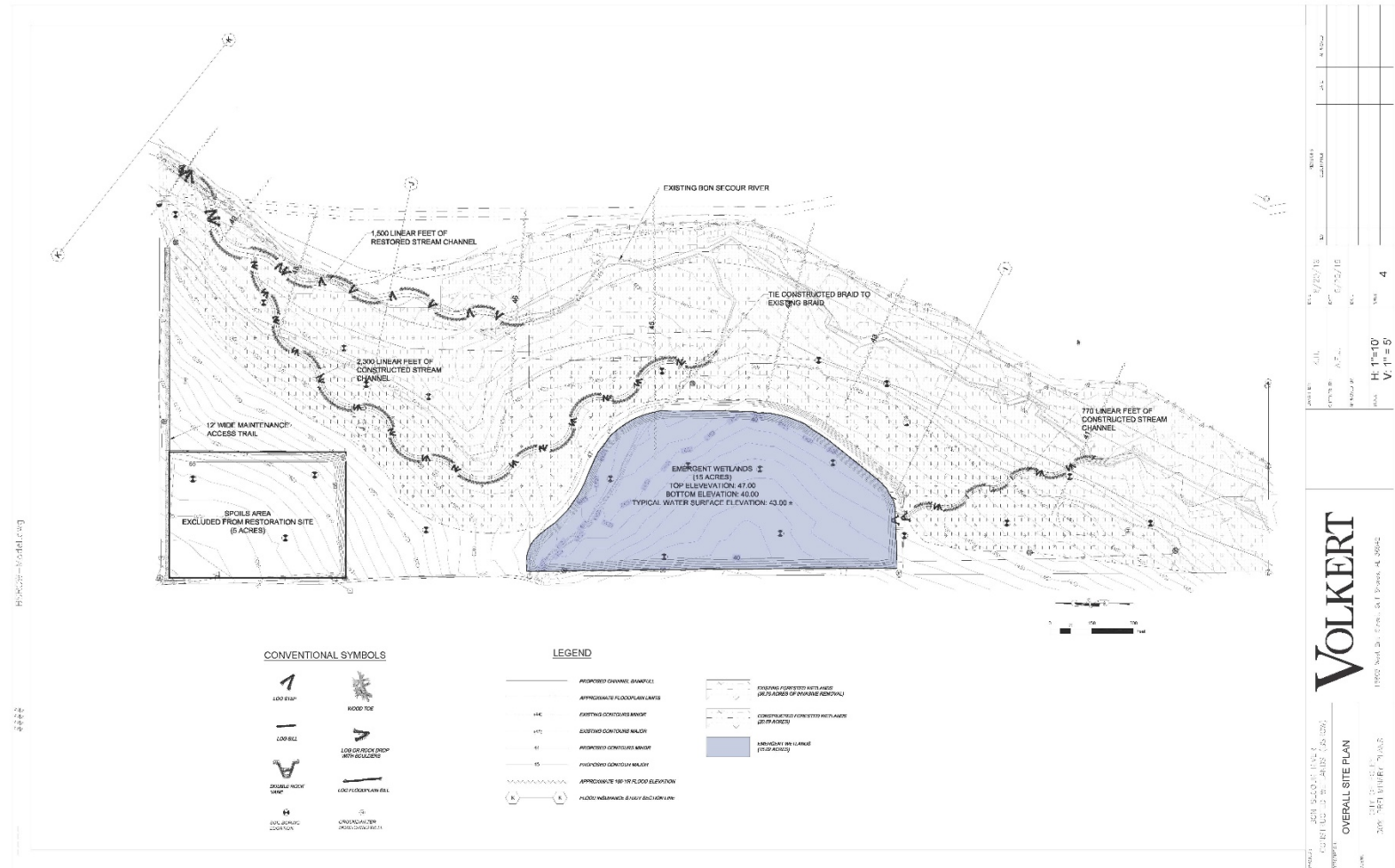
Project Objectives:

- Acquisition of headwater areas
- Engineering, design and permitting
- Phase II - Construction of the natural wetland system in order to remove nutrients, sediment, litter, pathogens and invasive plant species through the treatment process

Bon Secour River Headwaters Restoration Phase I

Project Status and Next Steps:

- Phase I is nearing completion
- Property Purchased
- Design and Engineering Complete
- Permitting in Process



Bon Secour Headwaters Restoration: COVID-19 Response

- There are no impacts to this project due to COVID-19.





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