



PORT HOUSTON™

PROJECT 11

BAYPORT SHIP CHANNEL NORTH SHORE WORK

Summary of Work

For the first half of 2023, Project 11 contractors are working near Shore Acres and La Porte communities. As part of the larger Project 11 contract, the Contractor will widen the north shore of the Bayport Ship Channel. This work will take place exclusively south of the existing pipeline easement and heavy equipment will be mobilized, via barges, to reduce impacts to the community.

As summarized in **Table 1**, work will generally include six (6) construction phases. The Contractor has specifically planned these phases to reduce impacts to neighboring communities and optimize available schedules. To further mitigate impact to the community, the hydraulic dredge has (1) rotated exhaust stacks away from the community and (2) added sound dampening walls around the engine room (**Photograph 1**).

Table 1. Summary of Construction Phases along the Bayport North Shoreline

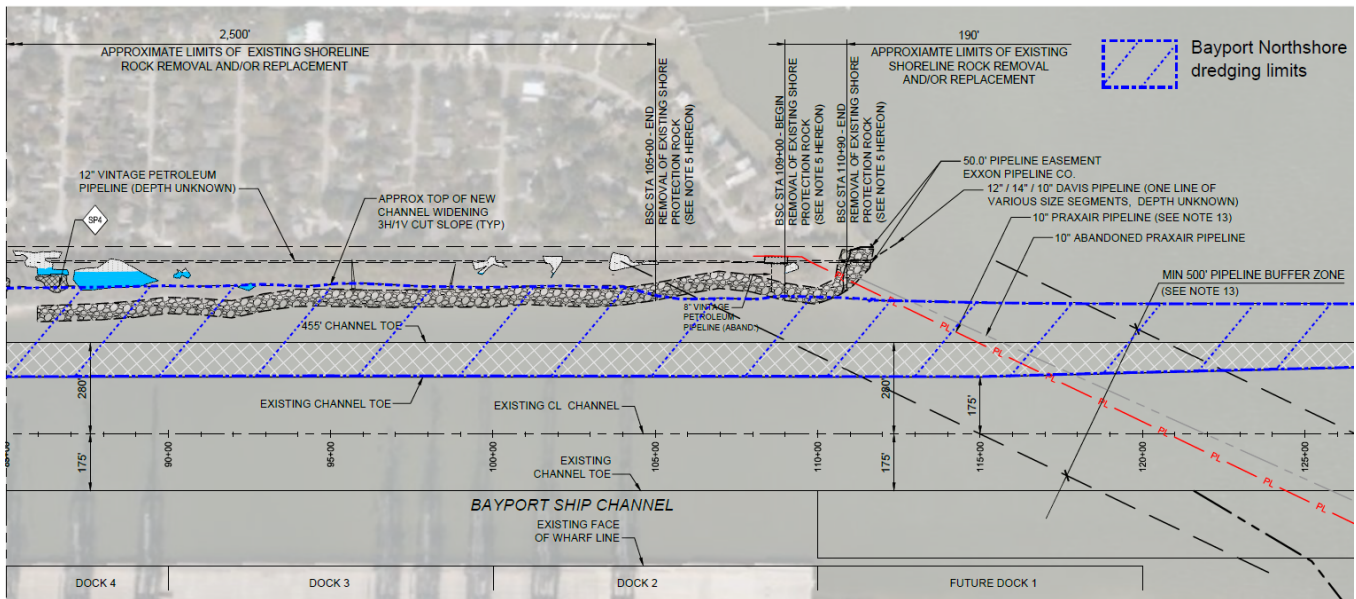
Phase No	Activity	Timeline	Construction Hours
1	Clear and grub existing shoreline vegetation. Note: Replanting of removed trees to occur after construction is complete.	Jan 2023 (Completed)	Daylight hours only
2	Excavate, via a long reach CAT 330/336 excavator, existing stone and stockpile within the limited clearing footprint (Photograph 2).	Jan – Feb 2023 (Completed)	Daylight hours only
3	Excavate, via a long reach excavator, the new shoreline template by moving the material (south) towards the channel.	Feb – Mar 2023 (Completed)	Daylight hours only
4	Rehandle material, via a clamshell dredge, to move the material into deeper water to be removed via, a larger and more efficient, hydraulic dredge.	Mar – April 2023 (Completed)	24-hr dredging operations
5	Widen, via a hydraulic dredge, the Bayport Ship Channel 105 ft. <i>Excavated material will be beneficially used to create three new bird islands and a marsh site (named Three Bird Island) in Trinity Bay.</i>	April – Sept 2023 (Completed)	24-hr dredging operations
6	Stockpiled stone will be placed to protect the newly constructed shoreline (Photograph 3 and Photograph 4).	Sept – April 2024	Daylight hours only



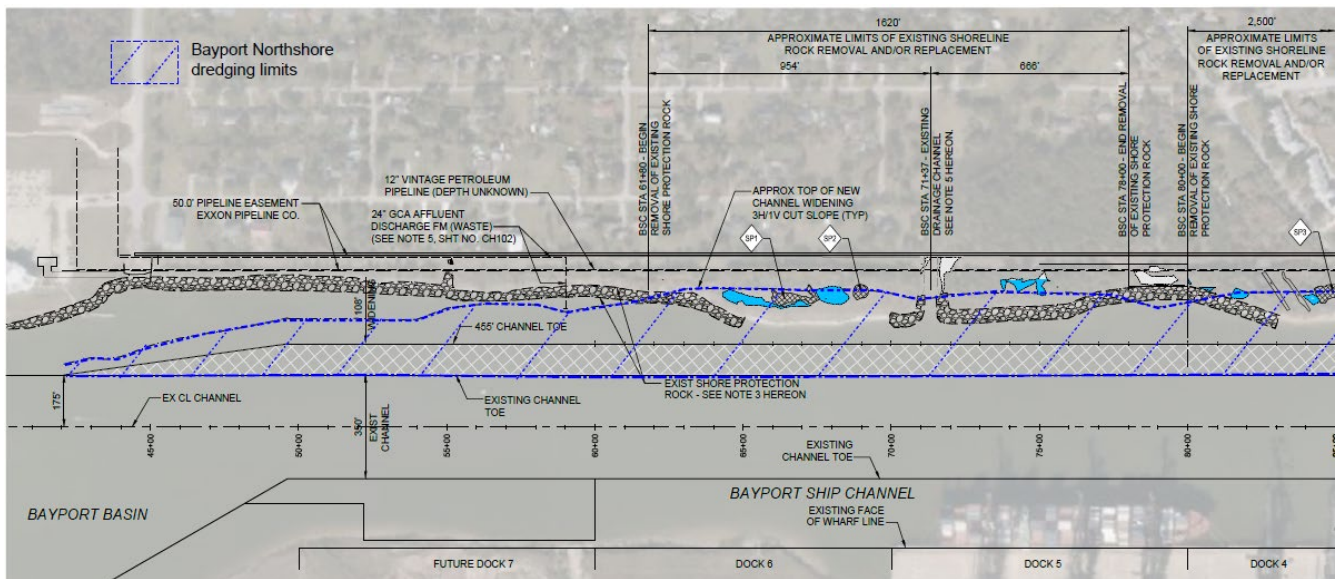
Photograph 1. Hydraulic Dredge Sound Mitigating Measures



Photograph 2. Existing stone removal and stockpile



Photograph 3. Representation of the Bayport North Shoreline (East Section)



Photograph 4. Representation of the Bayport North Shoreline (West Section)