Port Houston Restoration and Upgrade Project at Barbours Cut Terminal

Port Houston has obtained an infrastructure grant for the rehabilitation of 2,667 feet of Wharves along the channel and the reconstruction of 87.5 acres of the container yard at the Barbours Cut Container Terminal facility. The work will be performed between July 2022 through September 2027.

The project will improve terminal efficiency to handle the current and future demand of cargo calling at Barbours Cut Terminal. With the rehabilitation of Wharves 4, 5 & 6, all wharves will be able to accept Post-Panamax ships, and service

them with 100-foot gage cranes. The reconstructed

yards will improve traffic safety and allow for more dense container stacking. The new pavement will be stronger than the existing pavement, which has been compromised from many years of wear and tear.

The project will not adversely impact the surrounding area or the environment; the project is under review in accordance with the National Environmental Policy Act. This project will not increase container truck traffic to the facility; this is a reconstruction/rehabilitation project, not an expansion or increase in facilities. Traffic during construction will also be minimized. Construction will be performed in sub-phases which will minimize construction traffic to and from the terminal. Construction traffic will generally be limited to not conflict with rush hour traffic.

The wharves will be constructed in two phases. Each phase will comprise approximately 1,333 feet. The scope of work along the wharves includes:

- A new line of drilled shafts to support the new waterside and landside crane beams and crane rails
- Rail for the 100-foot gage cranes, fenders, ladders, and bollards
- New Stevedore Support Buildings for Port Operations and a breakroom and bathroom facilities • for usage by stevedores
- Minimal dredging activities, limited to a 10-feet width, along the 2,666 linear feet of wharf ٠

The container yard will be reconstructed in several phases. Container Yards 4 and 5 North (CY 4N, CY5N) comprising approximately 18 acres, Container Yard 6 (CY6) comprising approximately 40.5 acres, and Container Yard 7 (CY7) comprising approximately 29 acres.

The scope of work for the entire 87.5 acres of container yard includes:

- The replacement of approximately 87.5 acres of pavement with pavement markings and signage
- Construction of a storm water collection system, water lines (potable and fire suppression), and sanitary sewer lines to replace all portions within the new pavement area
- Construction of new, electrical infrastructure, including lighting, and outlet plugs for • refrigerated containers

Barbours Cut Terminal – Restoration and Upgrade Project