# Ехнівіт "А"

### PORT ARANSAS-CORPUS CHRISTI WATERWAY

### Description of Waterway

Deep Draft Main Channel to Corpus Christi, Texas

The Port Aransas-Corpus Christi Waterway is located on the southern coast of Texas, 150 miles north of the Rio Grande River separating Texas and Mexico. The main channel extends from deep water in the Gulf of Mexico through a jettied entrance at Port Aransas, Texas, across Corpus Christi Bay to the west shore of Corpus Christi Bay, and along the south shore of Nueces Bay and the Nueces River Valley to Viola, Texas, a distance of 33.2 miles.

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The outer bar channel is 700 feet wide and 42 feet deep. Between the outer bar and Inner Basin at Harbor Island, Texas, the channel reduces in width from 700 feet to 600 feet, but the depth remains the same as the outer bar channel. Across Corpus Christi Bay from Harbor Island to the Avery Point Turning Basin at Corpus Christi, Texas, the waterway has a minimum width of 400 feet and a depth of 40 feet. The Corpus Christi and Avery Point Turning Basins are each 1,000 feet wide. Between the Avery Point and Viola Turning Basins, the channel has a minimum width of 200 feet and a depth of 40 feet since dredging of the authorized 40 foot project was completed on September 30, 1965.

Deep Draft Branch Channels to La Quinta, Texas and Encinal Peninsula, Texas

In addition to the main channel to Corpus Christi, Texas, there are two deep water branch channels. The La Quinta Channel extends northwestward from Harbor City, Texas along the north shore of Corpus Christi Bay to La Quinta, Texas, where the docks of the Sherwin and San Patricio Plants of Reynolds Metals Company are located.

Extending in a southwesterly direction from the main channel near Harbor City, Texas across Corpus Christi Bay to the U.S. Naval Air Station and United States Army Transportation Aeronautical Depot Maintenance Center on the south shore of Corpus Christi Bay, is the Encinal Channel. These two branch channels have a combined length of 14.4 miles. The latter channel is presently on an inactive status.

Shallow Draft Branch Canals to Port Aransas and Aransas Pass, Texas

Two shallow draft canals extend from the main channel to Turtle Cove Harbor at Port Aransas, Texas and Conn Brown Harbor at Aransas Pass, Texas. A third shallow draft canal (Jewell Fulton Canal) extends from the La Quinta Channel to the head of navigation in Kinney Bayou near Old Ingleside, Texas.

The main channel of the Port Aransas-Corpus Christi Waterway between the junctions of the Lydia Ann and Encinal Channels is the alternate route of the Gulf Intracoastal Waterway, while the main channel between the junctions of the Aransas Pass alternate route and the Encinal Channel is the designated route of the Gulf Intracoastal Waterway between New Orleans, Louisiana and the Mexican Border.

#### Previous Authorizations

Subsequent modifications and improvements to the Port Aransas-Corpus Christi Waterway which have been authorized since the original report was submitted in 1922 (House Document No. 321, 67th Congress, 2nd Session) recommending the dredging of a deep water channel from the Gulf of Mexico across Corpus Christi Bay to Corpus Christi, Texas, are included in H. D. 214, 70th Congress, 1st Session—H. D. No. 9, 71st Congress, 1st Session—H. D. 130, 72nd Congress, 1st Session—H. D. No. 35, 72nd Congress, 1st Session—H. D. No. 40, 73rd Congress, 2nd Session—H. D. No. 13, 74th Congress, 1st Session—H. D. No. 63, 74th Congress, 3rd Session—H. D. No. 574, 75th Congress, 3rd Session—H. D. No. 544, 78th Congress, 2nd Session—H. D. No. 560, 80th Congress, 2nd Session—H. D. No. 654, 81st Congress, 2nd Session—H. D. No. 89, 83rd Congress, 1st Session—H. D. No. 487, 83rd Congress, 2nd Session—Senate Document No. 33, 85th Congress, 1st Session—H. D. No. 361, 85th Congress, 2nd Session—and H. D. No. 1894, 85th Congress, 2nd Session.

# STATUS OF AUTHORIZED PROJECTS

## 40 Foot Project

Dredging of the outer bar and jetty channels to a project depth of 42 feet, and the main channel and basins to a depth of 40 feet from Harbor Island to Viola.