

project be included in your recommendations to the House Public Works Committee for authorization in the pending Rivers and Harbors Omnibus Bill.

AUTHORITY FOR REPORT

The report referred to and the modifications and improvements to the Port Aransas-Corpus Christi Waterway requested herein are based on the study made pursuant to the following resolution adopted April 14, 1960 by the Committee on Public Works of the United States Senate.

Resolved by the Committee on Public Works of the United States Senate, That the Board of Engineers for Rivers and Harbors, created under Section 3 of the Rivers and Harbor Act, approved June 13, 1902, be, and is hereby, requested to review the reports on the Port Aransas-Corpus Christi Waterway, Texas, submitted in House Document No. 361, 85th Congress, 2nd Session, Senate Document No. 33, 85th Congress, 1st Session, and previous reports, with a view to determining if the existing project should be modified in any way at this time, with particular reference to providing increased channel and basin depths and widths, for flaring approaches to the turning basins, and for further channel extensions, including a shallow draft branch channel from Corpus Christi Bay into Nueces Bay, and for an exchange of water between the Nueces River and the Viola Turning Basin.

PUBLIC HEARINGS

Public hearings were held by the Corps of Engineers in Corpus Christi, Texas on April 25, 1961 and March 10, 1964 to determine the views of local interests.

DESCRIPTION OF WATERWAY

A detailed description of the Port Aransas-Corpus Christi Waterway is given in Exhibit A in the appendix of this report.

PREVIOUS AUTHORIZATIONS

Authorizations prior to the most recent authorization by the 85th Congress, 2nd Session (HD No. 1894) are enumerated in Exhibit A in the appendix of this report. Substantially all of the work authorized by previous Congresses is now complete.

IMPROVEMENTS RECOMMENDED BY DISTRICT AND DIVISION ENGINEERS, U.S. CORPS OF ENGINEERS

The reporting officers recommended the following modifications and improvements to the Port Aransas-Corpus Christi Waterway, Texas:

A. Deepening the outer bar channel from 42 feet to 47 feet, and extending the channel to the 47-foot depth in the Gulf of Mexico, a distance of about 4.7 miles;

b. Deepening the existing deep-draft waterway from 40 feet to 45 feet, which is a continuation of the outer bar channel through Corpus Christi Bay and terminating at the Viola turning basin, a distance of about 31.1 miles;

c. Deepening the branch channel to LaQuinta, including the LaQuinta turning basin, from 36 feet to 45 feet, a distance of about 5.8 miles;

d. Widening the main channel from 400 feet to 600 feet between the Inner Basin at Harbor Island and a point 1,000 feet east of the ferry landing at Port Aransas, and widening from 400 feet to 500 feet between that point and the junction of LaQuinta channel at mile 11.7;

e. Widening the channel between Avery Point and the Chemical turning basin from 350 feet to 400 feet, a distance of about one mile; widening Tule Lake, Viola, and LaQuinta channels from 200 feet to 300 feet; widening the Chemical Tule Lake, Viola, and LaQuinta turning basins to provide minimum diameter turning areas of 1,200 feet; and enlarging the entrance to the Inner Basin from 600 to 730 feet;

f. Realigning the Industrial Canal to a location about 25 feet northerly from its present alignment, and providing the existing Avery Point turning basin at the head of the Industrial Canal with a width of 975 feet;

g. Constructing a turning point with a turning area diameter of 1,200 feet at the LaQuinta Channel Junction; and