



**US Army Corps
of Engineers**
New Orleans District

Project Fact Sheet

Official Project Name

CAP - Houma Navigation Canal, Mile 12 – 31.4, Terrebonne Parish, Louisiana

Location

The Houma Navigation Canal (HNC) is located approximately 45 miles southwest of New Orleans, Louisiana in Terrebonne Parish, Louisiana. Miles 12 to 31.4 of the HNC have been approved for protection by division.

Purpose

This project proposes placing a rock dike along a major portion from Mile 28 to 23.5 of the west bank of the channel and Mile 24.3 to 23.7 on the east bank of the channel. These reaches were identified as the most critical in need of bank stabilization. The proposed design is the same for all reaches and consists of a foreshore dike with an all rock section (36 inch gradation) placed on a geotextile reinforcement fabric. The dike extends 50 feet from bank to toe and is 5 feet NGVD at its highest elevation. Flotation dredging is required to access the worksite and will be allowed to elevation –8.0 MLG, beginning a minimum of 50 feet from the toe of the dike section proper. Approximately 25,000 yards of flotation dredging is required on the west bank and 60,000 yards on the east bank. The dredged material will be placed behind the rock dike.

Background

The shoreline of the Houma Navigation Canal is suffering from severe erosion due to tidal action and wave action caused by vessels navigating the channel. If this erosion is allowed to continue, the entire area will be devastated by salt-water intrusion. This will eventually lead to the destruction of the entire management area.

Authority

The study was conducted as part of the Continuing Authorities Program (CAP), under the Section 1135 Authority of the 1986 Water Resources and Development Act, as amended.

Scope

Total construction of this project is estimated to be \$5,049,000. This reflects pre-Katrina pricing, and will need to be updated to reflect post-Katrina costs.

Progress to Date

Currently the project is awaiting concurrence from the SHPO. Once completed, the project will be reviewed through ITR and be sent to Division for review.