

DISPOSITION FORM

For use of this form, see AR 340-15, the proponent agency is TAGCEN.

REFERENCE OR OFFICE SYMBOL

LMNED-MP

SUBJECT

Lake Pontchartrain, La. & Vicinity, Orleans Parish
Lakefront Levees, Outfall Canals, GDM No. 2,
Supplement No. 5C

TO C/F&M Branch

FROM C/Design Memo Branch

DATE 19 Aug 77

CMT 1

Mr. Dicharry/jlf/430

1. Reference is made to my 8 August 1977 DF and your 11 August 1977 DF, subject as above, and the subsequent meeting on 17 August 1977.
2. It was decided at the meeting that an alternative plans study was needed prior to preparing the subject report. This study would consist of preliminary designs and costs for the alternatives (7) discussed at the meeting. These alternatives are listed on inclosure 1.
3. You are requested to determine the maximum water surface elevation that the existing levees along each of the canals can withstand. This information is needed as soon as possible so that H & H Branch can begin their studies to determine the hydraulic effects of the alternative plans.
4. When H & H Branch finishes their studies and determines the water surface elevations in the canals for the different alternatives, you will be requested to perform the preliminary foundation designs for the alternative plans study. Please furnish this branch with an estimate of the time and money you will require for the alternative plans study. Your work should be charged to account number BEC 21304 Z10 ABFO.
5. Mr. Bill Gwyn of your branch stated at the 17 August meeting that no additional borings will be required for the alternative plans study. Please confirm this.
6. Any questions should be directed to Mr. Joe Dicharry, extension 430.

1 Incl
as

Barton
HARRINGTON

DA FORM 2496

REPLACES DD FORM 96, WHICH IS OBSOLETE.

☆ U.S. G.P.O. 1976-665697/1018

ORLEANS PARISH OUTFALL CANALS

ALTERNATIVE PLANS STUDY

List of Alternatives

1. Parallel levees with positive cutoff at the existing pumping stations. ✓
2. Levees and I-walls with positive cutoff at the existing pumping stations (I-walls will be used to reduce the number of relocated homes.)
3. Levees, I-walls and T-walls with positive cutoff at the existing pumping stations (I-walls and T-walls will be used to totally eliminate relocation of homes.)
4. Concrete Box-culverted canals with positive cutoff at the existing pumping stations or at the lake end of the canals.
5. Floodgates at the lake end of the canals.
6. Floodgates at the lake end of the canals with an auxiliary low-head pumping station.
7. Replacement of the existing pumping station with a new station at the lake end of the canals and appropriate modification of the existing canals.

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Levee design - grade
dimensions, sill and slab elevations, for floodgates
and pumping station.

Del 1