

(A0007001)

DISPOSITION FORM

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

REFERENCE OR OFFICE SYMBOL
IMNED-DL

SUBJECT
Lake Pontchartrain, La. & Vicinity, Hurricane Protection
Project - Orleans Parish Lakefront Levee West of IHNC -
High Level Plan GDM - Input

TO	FROM	DATE	CMT 1
C/Struc Des Sec	C/Levees Sec	10 Jul 84	

Mr. Velez/gsm/1944
RVA

Inclosed is Levees Section input for inclusion in the high level plan GDM Report of the subject project. Design plates have been previously furnished to your section.

1 Incl
as



BARNEY SMITH, JR.
Chief, Levees Section



LMNED-DL

Lake Pontchartrain, La. & Vicinity, Hurricane Protection
Project - Orleans Parish Lakefront Levee West of IHNC -
High Level Plan GDM - Input

C/Struc Des Sec

C/Levees Sec

16 Jul 84

Mr. Velez/gsm/1944

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subject project. Design plates have been previously furnished to your section.

1 Incl
as

BARNEY SMITH, JR.
Chief, Levees Section

36. SOURCE OF BORROW MATERIAL. The levee will be constructed of semicompacted clay fill which will be obtained from a borrow area of Pleistocene clays in the bottom of Lake Pontchartrain along the north shore. The material will be transported to the project on barges to two stockpile areas, hauled and placed in the levee. See Plate ___ for the location and soil boring sections of the borrow area in the lake.

37. SEQUENCE OF CONSTRUCTION:

a. General. Seven separate contracts will be utilized for the construction of the project as described in paragraph ___.

b. Levee. The levee in each of the two levee enlargement contracts will be constructed in one phase as follows:

In areas where seepage control is required, the ground near the floodside toe will be excavated so as to accommodate the 6 mils plastic lining and then backfilled with the excavated material. Clay material will be barged from the Howze Beach borrow site to two stockpile areas, one located near the London Avenue Outflow Canal and the other near Orleans Outfall Canal. From these points the clay material will be truck hauled to the job sites. Spreading equipment placed on the existing levee crown will proceed to construct the levee enlargement along the entire reach. Construction of the levee will be as shown on the design sections on Plates 26 thru 29.

c.

DESCRIPTION OF PROPOSED STRUCTURES AND IMPROVEMENTS

38. LEVEES. The project levee will consist of an enlargement of the existing levee, built by the Orleans Levee Board, with hauled clay material and use of 6 mils plastic lining in some areas where seepage control is required. The levee enlargement will, in general, extend from west of IHNC to the London Avenue Outflow Canal to the Metairie Outfall Canal. The general location and alinement of the proposed levee will be along the existing alinement. The detailed alinement and profile of the levee are shown on Plates 2 thru 7. Typical levee design sections are shown on Plates 26 thru 29.

METHOD OF CONSTRUCTION

41. RECOMMENDED LEVEE CONSTRUCTION PLAN. The recommended plan of construction consists of enlarging the existing levee, built by the Orleans Levee Board. The proposed levee enlargement will follow the existing alinement to maximize use of material already in place and to minimize relocations and disturbance to the aesthetical appearance of the project area.

ACCESS ROADS

45. ACCESS ROADS. Vehicular access to the project site is available via many roads. Lakeshore Drive traverses parallel to almost the entire reach of the project. Other major thoroughfares which provide access to the project area are Franklin Ave., Elysian Fields Ave., Canal Boulevard and West End Boulevard. Water access is available via Lake Pontchartrain.

RELOCATIONS

56. GENERAL. Under the authorizing law, local interests are responsible for the accomplishment of "...all necessary alterations and relocations to roads, railroads, pipelines, cables, wharves, drainage structures and other facilities made necessary by the construction work,....". Included in the required modifications are road ramps, utilities, and drainage rectification work.

59. UTILITIES CROSSING LEVEE. Locations of known utilities that cross through the levee or parallel the levee are shown on sheets 2 thru 7. These utility lines will be relocated to cross over the levee will be constructed according to the "Hurricane Protection Levee Pipeline Crossing Standards."

71. SCHEDULE FOR DESIGN AND CONSTRUCTION. The sequence of contracts and schedules are as follows:

Contracts	Plans & Specs		Construction			Cost
	<u>Start</u>	<u>Complete</u>	<u>Advert.</u>	<u>Award</u>	<u>Complete</u>	
N.O. Lakefront Levee (London Ave. Canal to West End)	Aug 84	Submit LMVD Nov 84	Feb 85	Mar 85		\$2,792,400
N.O. Lakefront Floodwall (American Standard)				Mar 85		
N.O. Lakefront Floodwalls & Gates (Marconi, Topaz, etc.)				Mar 85		
N.O. Lakefront Floodwall (West End)				Jan 87		
N.O. Lakefront Levee (Seabrook to London Ave. Canal)	Jul 86	Nov 86	Feb 87	Mar 87		1,524,300
N.O. Lakefront Floodwall (Pontchartrain Beach)				Mar 85		
N.O. Lakefront Floodwall (Seabrook)						