

LMVED-PH/LMVED-TD (NOD 19 Oct 65) 1st Ind
SUBJECT: Lake Pontchartrain, Louisiana and Vicinity, Dual-Purpose
Control Structure at Seabrook (Seabrook Lock)

DA, Lower Miss. Valley Div, CE, Vicksburg, Miss. 39181 17 Nov 65

TO: District Engineer, New Orleans District, ATTN: LMVED-PP

1. The proposal to lower the lock walls at the landward gate bay and adjacent tie-in dikes from elevation 13.2 ft msl to 7.2 ft msl was discussed with OCE staff engineers at conference held in OCE 9 Nov and in telephone conversation with them on 12 Nov 65. No objections were interposed by the OCE staff but instructions were furnished to the effect that the general design memorandum should present the reason and justification for departure from the project document.

2. Accordingly, you are authorized to design Seabrook Lock on a controlling elevation of 7.2 ft msl, as recommended, or to use a lower elevation if further studies indicate it to be advantageous to the project. Consideration also should be given to allowing flow through the lock to accomplish additional lowering in the Inner Harbor Canal.

3. In par 8 of basic letter you refer to "the combined general and detail design memoranda for Seabrook Lock". It is desired that separate general design and feature design memoranda be submitted. The GDM should contain a discussion of the alternative sites considered and the basis for selecting the recommended site; the type, dimensions, elevations, and general features of the lock; the estimated cost; and other information required by par 9 of EM 1110-2-1150 and in par 1 hereof. Information contained in par 7e of EM 1110-2-1150 should be used in preparing the feature design memorandum.

FOR THE DIVISION ENGINEER:

A. J. DAVIS
Chief, Engineering Division

Copy furnished:
OCE, ATTN: ENGCW-EH/ENGCW-EZ