

ADD7108

DISPOSITION FORM

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

REFERENCE OR OFFICE SYMBOL LMNED-DD	SUBJECT Lake Pontchartrain, LA & Vicinity Hurricane Protection Project, HLP, OLB 17th Street Outfall Canal Project " A Study of High Level Flood Protection "
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TO C/Des Svcs Br FROM C/Des Br DATE 15 Aug 86 CMT 1
 ✓ Mr. Romero/va/2645

1. Reference is made to your multiple DF dated 1 Aug 86, subject as above.
2. We have reviewed the responses by Modjeski and Masters to the comments provided in your 30 Sep 85 letter. The following are our comments to those responses:
 - a. Veterans Hwy. Bridge. The cost for replacing the existing bridge deck of \$2,609,704 is not economical when compared to the alternative for providing floodgates at both ends of the bridge, which cost would be approximately \$800,000.
 - b. Pumping Station No. 6. We have been coordinating the design of the flood protection required at the pumping station with Modjeski and Masters. The design concepts presented would be adequate for the HLP.
 - c. Hammond Hwy. Bridge. To date, the comments we provided on the design for the waterproofing of this bridge have not been satisfactorily resolved by the LA.DOTD.
 - d. Interstate Hwy. Bridges. The problems with these bridge crossings have been eliminated by the LA.DOTD proposal for raising the bridges over the flood protection level. The top elevations of the I-walls shown on the sketch of these bridges are to "net" grades. The I-walls should ^{be designed} with a gross elevation 6-inches higher than the net grade to accommodate potential wall settlements, even if no settlement is predicted by analysis.
3. It should be noted that, although the preliminary design for the parallel protection alternative is in an advanced stage, the design for the Butterfly Control Valves at the Lakefront end of the canal is in a very early stage, therefore, we cannot make a recommendation at this time on the selection of one alternative over the other. This recommendation cannot be made until the required hydraulic, foundation, mechanical, and structural designs are developed beyond their present conceptual status. As you are aware, Design Branch schedule for the preparation of the GDM for the 17th St. Outfall Canal starts in December 86.

WALTER D. JUDLIN, III
 Chief, Design Branch