CELMN-ED-SP 15 June 88
SUBJECT: Status of DM's

3. Project: Lake Pontchartrain Louisiana & Vic Hurricane Protection Project DM No. 19A London Ave Outfall Canal.

Scheduled Submission Date: Sept 88

Status: This GDM is progressing in accordance with the approved schedule. There remains an unresolve issue concerning the design discharged to be used for designing the Parallel Protection Plan. In my opinion however, this issue is somewhat academic since the butterfly value plan is substantially less costly than Parallel Protection. OLD & DEI have in essence conceded that the only afordable solution is the butterfly value plan. The discharge that was used to design the Parallel Protection Plan was less than the discharge which SWBNO is willing to accept. Therefore, a higher discharge can only serve to increase the difference in cost between the butterfly value plan and Parallel Protection Plan.

4. Project: Lake Pontchartrain Louisiana & Vic Hurricane Protection Project DM No. 18 St. Charles Parish North of Airline Hwy Levee Alignment.

Schedule Submission: Aug 88 - Nov 88

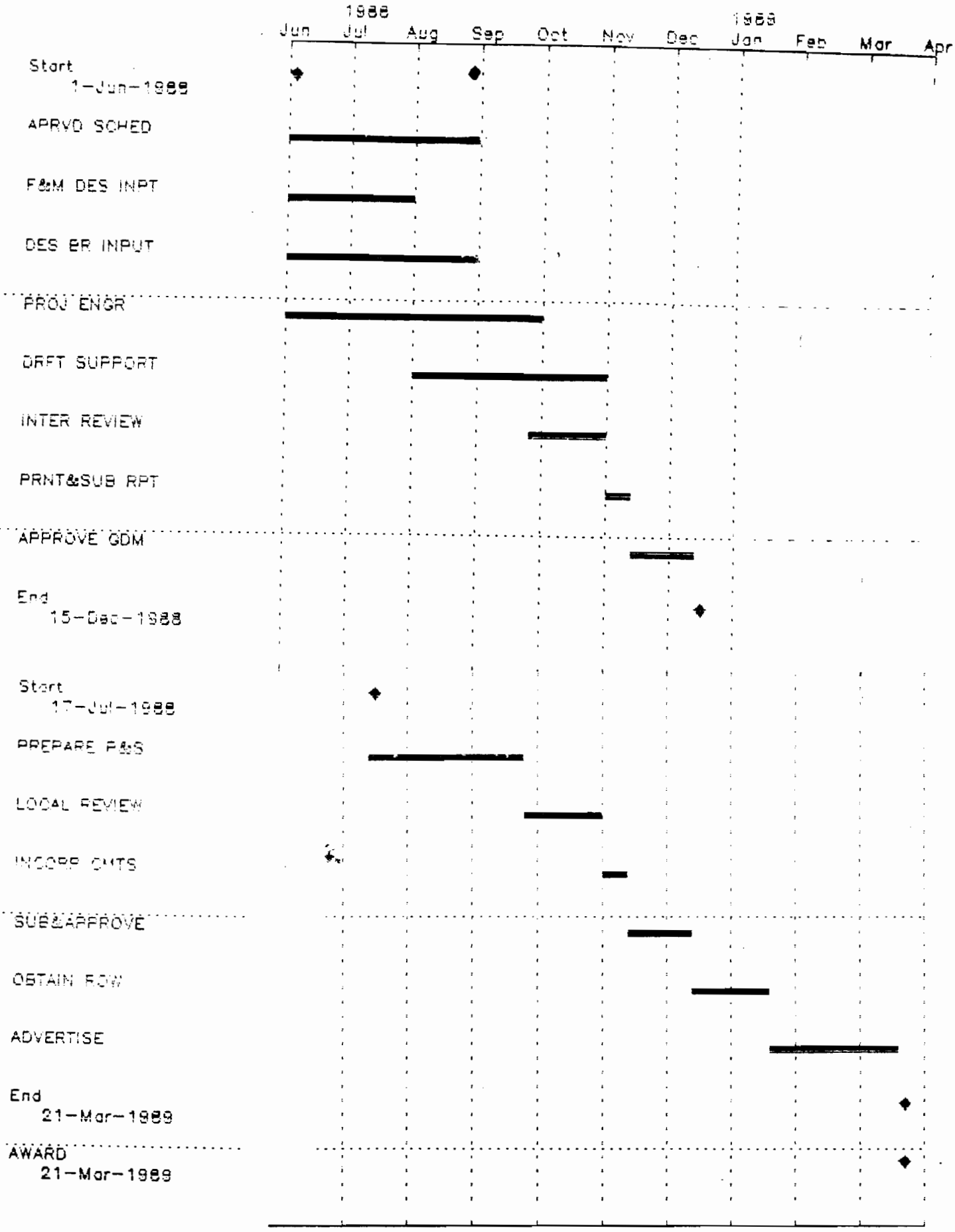
Status: Submission of the St. Charles Parish DM No. 18 has slipped 2½ months. This slip is due to a redesign of the levee necessitated by a change in freeboard requirements. The levee design in St. Charles Parish carried forward from the Reevaluation Report had 3 feet of freeboard. Foundation design for the levee was nearly complete when the question of freeboard arose in connection with the LMV review of GDM No. 17A, Jefferson/ St. Charles Parish Return Levee. It had previously been assumed by that 3 feet of freeboard was acceptable criteria for levee construction in urban areas. In fact EM's and ETL on the subject of freeboard, recommended 3 feet The outcome of the review of DM 17A was that 2 feet of freeboard should be used unless there was justification for using more. Hyd & Hydro Br did not feel that there was sufficient justification to use 3 feet of freeboard at the proposed North of Airline Hwy levee alignment. Therefore freeboard was reduced from 3 feet to 2 feet. The impact on the schedule submission of DM No. 18 is attached.

ST. CHARLES PARISH NORTH OF AIRLINE HIGHWAY

Gantt Chart

Project: STCPGDM

9-Jun-1988



CELMN-ED-SP
SUBJECT: Status of DM's 15 Jun 88
Coordinator: Vann Stutts

1. Project: Lake Pontchartrain Louisiana & Vic Hurricane Protection Project DM No. 19. Orleans Finish Outfall Canal.

Scheduled Submission Date: June 88 - July 88

Status: This GDM is approximately 1-month behind the approved schedule. The write-up and typing for this report will be completed NLT 17 June 88. Internal reviews will begin the week of 20 June 88. Volumes II and III of this report will contain, respectively, D.E.I.'s design coverage of the Parallel Protection Plan and the WES model study of the butterfly valued. These documents are being sent to WES for reproduction on 15 June 88. Volume I will be sent the 2nd week of July 88. WES has indicated that they will complete work by end July 88.

2. Project: Lake Pontchartrain Louisiana & Vic Hurricane Protection Project DM No. 20 17th Street Outfall Canal.

Scheduled Submission Date: Aug 88 - Dec 88

Status: Design details for the Parallel Protection Plan were 98% complete when design modification recommended by Modjeski and Masters Inc. the channel alinement eastward shifted from 1 to 20 feet. This alinement shift was made to improve flow conditions in the canal. This shift affects most of the design work due on the east bank of the canal. A reanalysis by F&M Br of the levee stability will take 2 months and an additional month will be needed by Design Branch to complete this work. Because of the work that must be accomplished by this office during the months of Sept and Oct on the St. Charles Parish DM No. 18, I am recommending that this report be submitted in December 1988. All of the Outfall canals have construction awards scheduled during calander year 1990. The above discussed slip will not affect awards.