

October 20, 1989

Engineering Division
Projects Engineering Section

Mr. Barney T. Martin, Jr.
Modjeski and Masters Consulting Engineers
1055 St. Charles Avenue
New Orleans, Louisiana 70130

Dear Mr. Martin:

We have reviewed the final plans and specifications for the 17th Street Canal Parallel Flood Protection, Phase 1B - Hammond Highway to Southern Railroad, OLE Project No. 2043-0207 which you furnished to us in your letter of October 10, 1989. The following additional comments are offered:

a. The specifications, pages 4-6 paragraph 4-03.4.4 require each layer to be compacted to at least 95 percent of the maximum dry density of optimum water content in accordance to ASTM D698; however, only 90 percent is necessary.

b. Imposition of recent revisions to the I-wall design criteria mandated by our Lower Mississippi Valley Division office, results in higher sheet pile tip elevations. The resulting sheet pile tip elevations are shown on **enclosure 1**. Revise the plans to show the new tip elevations. This will result in a lower overall cost for the project.

Once the above comments are incorporated into the plans and specifications, we have no objection to your proceeding with the proposed work.

Mr. *Stutts*/ghw/2417

An estimate of credit due the Orleans Levee Board (OLB) for engineering and design costs, including work-in-kind credits for construction described in the plans and specifications, will be detailed in the GDM for this project feature. The GDM for the 17th Street Canal will be submitted to our Division Office in mid-March 1990. The final amount of credits to OLB will be determined by government audit of the contract payments.

E-S
Mr
BARTON
CELMN-ED-SP
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SHELLON
CELMN-ED-S
SP
PICCIOLA *SRB JR*
CELMN-ED-F
MUR
CHATRY
CELMN-ED

Sincerely,

Frederic G. Chatry
Chief, Engineering Division

Enclosure

Copy Furnished:

Mr. C. S. Bailey, Chief Engineer
Board of Levee Commissioners
Orleans Levee District
Suite 202, Administration Building
New Orleans Lakefront Airport
New Orleans, Louisiana 70126

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October 10, 1989

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JN 0908A

Mr. Frederick M. Chatry
Chief, Engineering Division
New Orleans District
Corps of Engineers
P.O. Box 60267
New Orleans, LA 70160

RE: 17TH STREET CANAL PARALLEL FLOOD PROTECTION
PHASE 1B - HAMMOND HIGHWAY TO SOUTHERN RAILROAD
OLB DESIGN PROJECT NO. 2043-0207

Dear Mr. Chatry:

Reference your August 22, 1989 letter concerning the referenced project.

We have attached 3 copies of the final plans and specifications for the referenced project with the following responses to your comments:

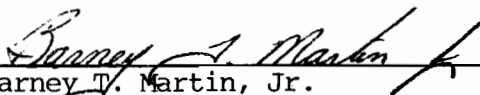
- a) Sheets 22, 23, 34, 35, 37, and 38 have had a note added to the stone revetment - "not to scale". All rip rap has been deleted.
- b) Sheet 25, Station 570+00 - the levee crown is shown degraded to elevation 5.5 as shown in the design analyses.
- c) Sheet 41, Station 657+00 - the new I-wall B/L offset has been corrected to agree with sheet 17.
- d) Specifications, pg. 4-6, par. 4-03.4.4. This section of the specification has been modified to address your comments.

You will note that the title sheet of the plans and specifications does not reflect a construction project number. The Levee Board has yet to set a number. As soon as they do, we will notify you.

If you find the attached satisfactory, we request that a letter-of-no-objection be sent at your earliest convenience.

Should there be any question, please call.

Very truly yours,
MODJESKI AND MASTERS


Barney T. Martin, Jr.

BTM:jrb
Attachments
cc: Mr. C. E. Bailey - OLB
Mr. John Holtgreve - DEI