



Federal Emergency Management Agency

Washington, D.C. 20472

MAY 3 2000

Mr. José R. Caballero-Mercado
Chairman of the Puerto Rico Planning Board
Minillas Government Center, North Building
De Diego Avenue, Stop 22
P.O. Box 41119
San Juan, Puerto Rico 00940-1119

Dear Mr. Caballero-Mercado:

This letter is in reference to a February 15, 2000, letter from Mr. Leonard Jackson, P.E., of Leonard Jackson Associates (LJA), to our Flood Map Production Coordination Contractor concerning a January 17, 2000, conditional Letter of Map Revision (LOMR) (Case Number 99-02-065R, copy enclosed) for proposed development along the Rio Grande De Loiza. In his letter, Mr. Jackson brought to our attention a scaling discrepancy in the description of the maximum decrease in floodway width in the aforementioned conditional LOMR, should the project be built as proposed, and asked that we clarify this issue. Additionally, this response will clarify the effective dates of the Flood Insurance Rate Map (FIRM) and the Flood Boundary and Floodway Map (FBFM) panels for the Commonwealth of Puerto Rico affected by this conditional LOMR.

Upon further investigation of the technical data supporting the conditional LOMR and coordination with LJA, we have determined that if the project along the Rio Grande De Loiza is built as proposed, and there are no increases to base (1% annual chance) flood elevations, a revision to the Flood Insurance Study and FBFM will be warranted. This revision will reflect decreases in floodway widths, with a maximum decrease of 380 meters (1,250 feet) at a point approximately 0.75 kilometer (0.47 mile) downstream of the confluence of the Rio Canovanillas with the Rio Grande De Loiza.

FIRM number 720000, panel 0059 C, was revised on August 3, 1992. Because that revision did not affect floodway information, or revise the FIRM to include floodway information, FBFM number 720000, panel 0059 was not revised. Therefore, the effective date of the FBFM is July 2, 1981. A portion of FBFM number 720000, panel 0059 (copy enclosed), has been annotated to reflect the decrease in floodway width that will be shown on the FBFM for the as-built LOMR if the project is built as proposed.

If you have any questions, please do not hesitate to contact the Director, Mitigation Division of the Federal Emergency Management Agency in New York, New York, at (212) 225-7200, or me at our Headquarters in Washington, D.C., at (202) 646-3403, or by facsimile at (202) 646-4596.

Sincerely,

Alan A. Johnson, P.E.
Project Engineer
Hazards Study Branch
Mitigation Directorate

For: Matthew B. Miller, P.E., Chief
Hazards Study Branch
Mitigation Directorate

Enclosures

cc: The Honorable Pedro J. Rossello, Governor of Puerto Rico
Mr. Leonard Jackson, P.E.

LJA

Leonard Jackson Associates

Consulting Engineers

26 Firemens Memorial Drive

Pomona, New York 10970

(914) 354-4382

FAX (914) 354-4401

FAX TRANSMISSION

DATE:

7.7.00

OF PAGES: COVER +

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TO:

Henry Gutierrez

FAX #:

107764 9822

FROM:

Ken DeGennaro

JOB NAME:

Plaza Pinedo

JOB #:

19023

RE:

Henry - I've enclosed 3 plans which may clear up the confusion. The first is from the 8/27/99 report to DeWBerry & Davis. I think this is the one you were looking at while we talked on the phone. The second plan is from the 10/7/99 report to D&D. The excavation actually decreased for this report. This was done on purpose, in order to maintain velocities due to a constriction at section 6450. Making a bigger excavation results in lowering velocities, which results in higher water elevations at section 6450 only. DeWBerry did not like this increase, so we narrowed & tightened the excavation. The third plan shows the excavation as per the coding in our hydraulic model & is what I e-mailed you. We can discuss this further on Monday morning if you have questions. Thanks.

ORIGINAL CROSS-SECTION / EXCAVATION PLAN -
FROM REPORT 8/27/99 - SUPERSEDED

P. 02

-07-2000 13:35

LOIZA RIVER

LIMIT OF OVERBANK EXCAVATION

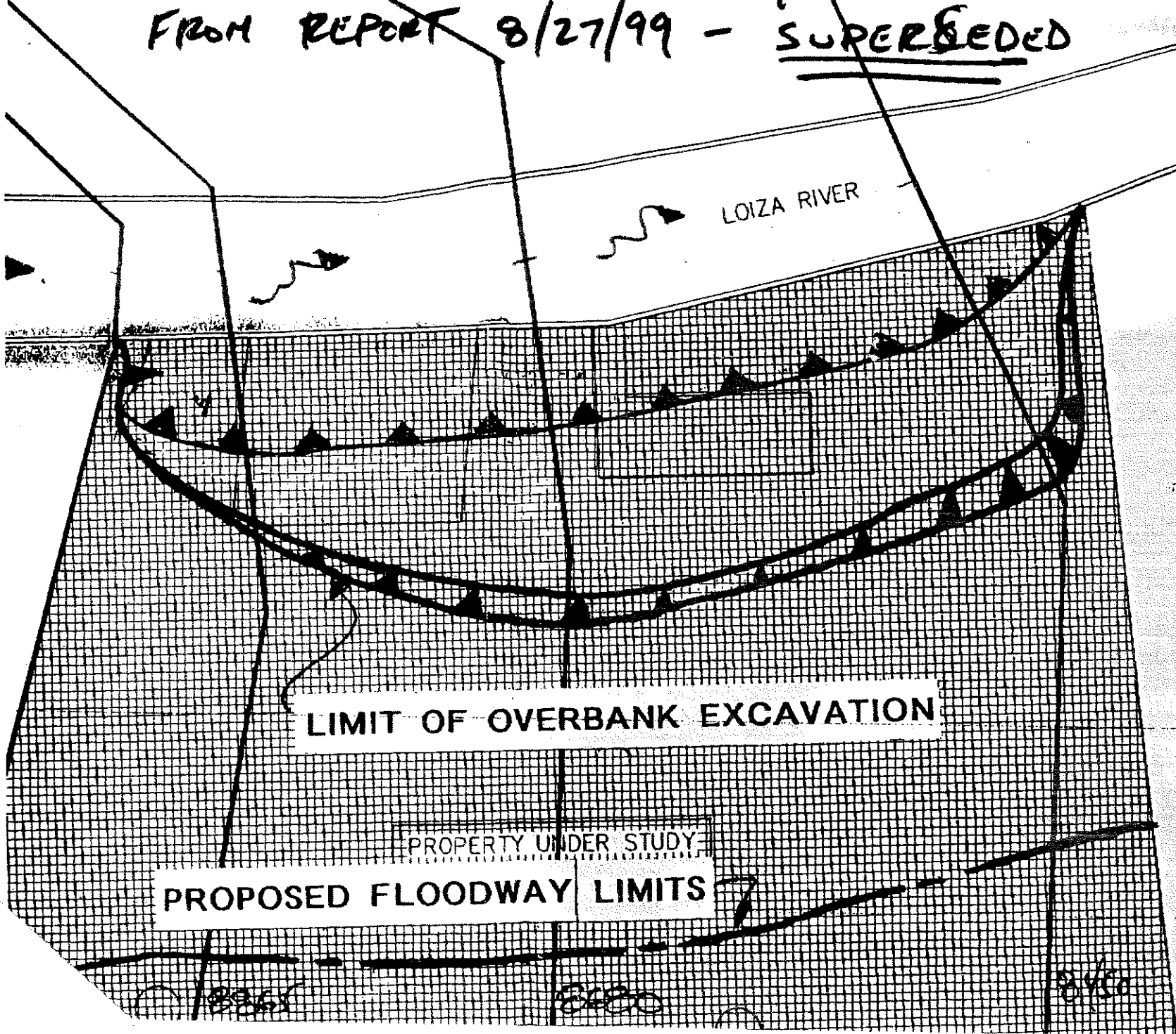
PROPERTY UNDER STUDY

PROPOSED FLOODWAY LIMITS

8250

8400

8450



REVISED CROSS-SECTION/ EXCAVATION PLAN -
FROM REPORT 10/7/99 - APPROVED REPORT

LOIZA RIVER

LIMIT OF OVERBANK EXCAVATION

PROPOSED FLOODWAY LIMITS

2445

2430

2450

FROM GRADING PLAN E-MAILED 7/7/00

TOTAL P.04

LOIZA RIVER

RIO GRANDE DE LOIZA

LIMIT OF EXCAVATION

FLOODWAY

TOPOGRAPHY
PLAZA PINERO
STATE RD. NO. 3, C. NOVA
SCALE 1"=100'

P.04

-07-2000 13:37

