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17th St Canal Floodwall, Orleans Parish, Vets to Lake
Field Trip
8 Nov 94
Photo Captions

<u>Photo No.</u>	<u>Remarks</u>
1	General view of defective wall and access road looking towards Vets Hwy.
2 - 4	Area where honeycombed concrete was removed by Contractor.
5 - 6	Note layering of concrete on bottom left of defective area. Note feathered edges along bottom center of defective area.
6 - 8	Deep area of honeycombing near steel bar.
9 - 10	Deep area near expansion joint
11	View of adjacent monolith looking towards lake.
12	General view of wall and access road looking towards lake.

MEMORANDUM FOR FILE

SUBJECT: 17th Street Canal Floodwall, Orleans Parish,
Vets to Lake, Field Trip Report

1. Date of Trip: 8 Nov 94
2. Purpose: To evaluate the extent of damage in a monolith after the Contractor had removed defective concrete.
3. Persons Making Trip: Charlie Rome (ED-GM) and Bob Grubb (ED-TF)
4. Persons Contacted: Buddy Burns (482-1521) Inspector
5. Background: We had previously visited this floodwall to evaluate honeycombs caused when intense rain disabled electric generators and prevented proper consolidation of concrete. The findings of our first trip were that more concrete had to be removed to evaluate the damaged area. Dennis Duhon called to inform us that the Contractor had prepared the area for our further evaluation.
6. Observations: See photos with captions.
7. Conclusions: The monolith can be repaired by patching to achieve its desired function. Some additional concrete needs to be removed near the bottom center as shown in photo 5. Additionally, a few more edges need to be sawcut rather than left feathered.
8. Recommendations: Remove the additional concrete as shown in photo 5 and sawcut the edges that are still feathered. Saturate the surface for about 12 hours prior to patching. Allow the surface to begin the drying process the night before patching. Apply a neat cement mortar as a bonding agent, then dry pack a material as described in the specs. White cement is not necessary since the wall will be coated with cementitious paint. Protect and cure the patched area as specified.



CHARLIE ROME
Civil Engineer

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