

## Exploratory Excavations

January 27, 2011

### 14C.2 Levee Findings

Excavations were made on 500 and 1000 foot intervals along the east reach of the levee to determine the amount of debris existing in the levee to be degraded. The following is what was relayed to us during the debriefing by the COE.

- 1) The existing levee from STA 120+00 to STA 130+00 has an excessive amount of debris and will have to leave the site.
- 2) The existing levee from STA 130+00 to STA 165+00 appears to be good material suitable for reuse in the new levee.
- 3) The existing levee from STA 165+00 to STA 182+15 has an excessive amount of debris and will have to leave the site.
- 4) The lifts placed in the new levee were taken from the degrade in the stations described in 1 and 3 above, so this material has an excessive amount of debris and will have to be taken off the new levee.
- 5) The existing levee from STA 65+00 to STA 110+00 appears to be suitable for reuse in the new levee.
- 6) At Glen's instruction, there was no excavation performed from STA 0+00 to STA 65+00.

These conclusions were made in the debriefing after the exploratory digging. Debriefing was held in QAR on-site office trailer and included attendees from COE QAR, COE Contract Admin, SLFPA-West and Phylway Construction, L.L.C.

**EXISTING LEVEE EXPLORATORY DIGGING LOCATIONS WBV 14C.2  
(1/27/2011)**

STATION	NORTHING	EASTING	ELEVATION	PROTECTED SIDE OFFSET
180+00	500644.612	3665948.323	5.9	-46.0
175+00	500707.669	3665446.860	6.3	-34.5
170+00	500739.123	3664948.269	6.9	-32.4
165+00	500773.477	3664448.064	6.1	-33.4
159+99	500807.844	3663948.493	6.2	-34.5
154+98	500841.857	3663449.244	6.1	-34.9
144+98	500908.824	3662451.712	6.1	-35.4
134+99	500978.737	3661455.104	6.4	-33.2
125+01	501055.243	3660460.333	6.1	-35.3
130+00	501016.074	3660957.411	6.3	-32.9
105+00	502272.404	3659758.257	6.0	-35.0
100+00	506391.952	3659846.788	6.1	-44.0
95+00	503235.968	3660020.133	5.6	-47.0
90+00	503713.833	3660159.030	5.1	-49.0
85+00	504197.144	3660296.915	5.2	-48.0
65+00	505922.034	3660259.875	5.3	-55.0

# Site Observation Report for WBV-14c.2



US Army Corps of Engineers  
 New Orleans District  
 7400 Leake Ave.  
 New Orleans, LA 70118

Thursday 27 Jan 2011

engr by: Billy Landry ext.: 1825 branch: ED-L

proj project no.: WBV-14c.2 proj name: Wego P.S. To Orleans Village project desc: 1st Lift Levee and Floodwalls

ct no: W912P8-09-D-0046 ct cost (\$): 26,541,332.6

ct ntp: 18 June 2010 ct duration (cd): 380 est. comp. date: 03 Jul 2011

ige # of crews: 3 ige work day (hrs/d): 12 ige work week (d/w): 7 ige productn (yd3/d): 0

obs cost to date (\$): obs work day (hr/d): 12 obs work wk (d/w): 7

obs duration (cd): 223 or 59% obs # of crews: 2 obs productn (yd3/d): 0

date: Thu 27 Jan 2011 time: 11 temp. (°F): 45

weather: Sunny precipitation: n/a rain depth (in)

clearing from		to station		length (ft)	See Notes Below	X
embank from		to station		length (ft)	See Notes Below	X
process from		to station		length (ft)	N/A	X

crew functions:

Excavating Trenches In Existing Levee to Limits of Degrade for Suitability of Material

equipment:

Dozers & Excavators

notes:

Contractor: Phylway

Reason:  
 During contractors operations of degrading existing levee in the vicinity of C/L Sta. 181+00 (Westminster to Orleans Village Reach) it was found that the embankment contained excessive debris not in compliance with the specification. A meeting was held with the Contractor, PM, CD & ED to discuss an action plan to determine the extent of the excessive debris.

Action Plan:  
 The plan was to dig inspection trenches to the full limits of degrade in the existing levee every 500-feet along the alignment where the new levee has been placed to EL.10. The area to be inspected covered C/L Sta. 65+00 to C/L Sta. 181+65 (Westwego Levee in the vicinity of the old WBAO to Orleans Village).

Findings:  
 Westwego Levee to Westminster P.S.  
 - Sta's. 65+00 to 110+00: The excavated material was determined to be very good.

Westminster P.S. to Orleans Village.  
 - Sta's. 180+00, 175+00 & 170+00: The excavated material contained multiple large pieces of wood, stumps, concrete & excessive amounts of small wood.  
 - Sta. 165+00: The excavated material contained some violations, but was determined that it was manageable.  
 - Sta's. 160+00 to 135+00: The excavated material was determined to be very good, very few violations present, can be "picked".  
 - Sta. 130+00: The excavated material contained some violations, but was determined that it was manageable.

Conclusion/ Remediation:  
 - It was determined that the excavated material from C/L Sta. 170+00 (+/-) to C/L Sta. 182+15 (approx. 1,500-feet) should be removed from site and placed in an approved disposal area.

# Site Observation Report for WBV-14c.2



US Army Corps of Engineers  
New Orleans District  
7400 Leake Ave.  
New Orleans, LA 70118

Thursday 27 Jan 2011

- The contractor shall place the embankment in a stockpile to be measured before hauling to disposal area.
- The contractor shall obtain additional contractor furnished borrow to replace the disposed material.
- It was also agreed that if debris is encountered in the remainder of the levee where inspection trenches did not occur (Sta. 0+44 to Sta. 60+00) that we would address that area in the same manner.

Photos:

Top Row - Types of debris found in existing levee in trenches from Sta. 170+00 to Sta. 180+00.

Bottom Left - Representative of the remaining trenches from Sta. 130+00 to Sta. 165+00.

Bottom Middle - Representative of the trenches from Sta. 70+00 to Sta. 110+00.

Bottom Right - Trench at Sta. 65+00.



additional photos @ L:\Engineering During Construction\WESTBANK & VICINITY\WBV-14c2\08\_Field Report 01-27-11

attendees:

CD: Jeremy George, Audie Watson, Steven Montjoy, Glenn Gremillion; ED: Billy Landry, Kim Tullier; SLFPAW: David Roark, James McMenis, Geneva Grille, Giuseppe Miserendino; Phylway Representatives

report distribution list:

[Empty box for report distribution list]