S OF ENGINEERS

U. S. ARMY

722,000

721,000

720,000

3,153,000

3,154,000

3,155,000

STA.	Y	X	ELEV.	DESCRIPTION
B-1	721,311.87	3,155,008.92	35.730	R.R. SPIKE
B-2	721,228.31	3,154,923.28	34.720	R.R. SPIKE
B-3	721,763.62	3,154,378.93	32.976	R.R. SPIKE
B-175	721,772.07	3,153,709.31	26.387	
B-176	721,418.27	3,153,680.90	40.329	R.R. SPIKE
B-177	721,325.12	3,154,102.72	35.397	
B-178	721,185.90	3,154,411.23	34.105	IRON PIN
B-179	721,164.46	3,154,591.31	33.359	
B-180	720,978.39	3,154,749.06		R.R. SPIKE
B-181	720,952.73	3,154,889.72	33.346	
B-182	721,049.47	3,155,027.90	33.749	IRON PIN
B-183	720,554.89	3,155,302.19	37.317	"X" ON CONC. BLK.
B-184	720,369.26	3,155,479.57	39.171	
B-185	720,874.21	3,155,497.56		
B-186	720,981.41	3,155,478.96		
B-187	721,034.10	3,155,285.11		R.R. SPIKE
B-188	721,169.13	3,155,248.43		R.R. SPIKE
STA-131	720,361.75	3,155,357.84		

KEY MAP

NOTE
See plate 8 for White Oak Bayou proposed channel profiles

Galveston Dist. Lab. Report No. 1013

BUFFALO BAYOU, TEXAS

WHITE OAK BAYOU PROPOSED ALIGNMENT

SCALE 100' 0' 100'

U.S. ARMY ENGINEER DISTRICT, GALVESTON, TEXAS APRIL 1963

TO ACCOMPANY GENERAL DESIGN MEMORANDUM NO.1 BUFFALO AND WHITE OAK BAYOUS AND WHITE OAK BAYOU FEATURE DESIGN MEMORANDUM NO. 2, MILE 1.07 TO YALE STREET. DATED: APRIL 1963

FILE: HSC 402-133

PLATE 45

Sheet 6 of 7

WHITE OAK BAYOU

LOG OF BORING NO. 6ST-166

TYPE: 6in. SHELBY TUBE

LOCATION:

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT.	UNIT DRY WT. LBS./CU.FT.
			SURF. EL:		
	CH		TAN & GRAY CLAY w/BROKEN CONCRETE & CAL NODS. L.S.=20.0 V/STIFF 0-12-88		106
-5-	SM		DARK GRAY & BLACK 2"-4" TAN 4"-6" SILTY SAND L.S.=1.0 8-52-40		104
-10-	CL		DARK GRAY GRAVELLY SANDY CLAY L.S.=7.0 13-34-53		103
-15-	CL		w/CONCRETE SOFT 6"-8" STIFF - V/STIFF 8"-16" L.S.=7.0 13-34-53		102
			RED BRICK & CONCRETE FILL (RUBBLE) 64-28-8		
-20-	CL		TAN CLAY w/CAL. NODS. 18"-20" L.S.=16.0 MED-STIFF 8-92		95
-25-			D.C. DARK GRAY SANDY CLAY		
	CL		GRAY SANDY CLAY		
-30-	CL ML		TAN CLAYEY SILT L.S.=4.0 0-22-78		107
	M		L.S.=2.0 0-37-63		109
-35-	L		TAN SILT w/CLAY LAYERS LOOSE	4	
	CL ML		DARK GRAY CLAYEY SILT L.S.=3.0 0-30-70		97
-40-	SM		TAN & GRAY SILTY SAND L.S.=1.0 5-53-42		104
	CL		BROWN SILTY L.S.=7.0 CLAY 0-14-86 MEDIUM	16	
-45-	CH		BROWN & GRAY L.S.=21.0 CLAY 0-1-99		100
			L.S.=18.0 STIFF 0-10-90		104
-50-			L.S.=18.0 0-4-96		89

POCKET PENETROMETER TONS / SQ. FT.

0.5 1.0 1.5 2.0 2.5 3.0

PLASTIC LIMIT — WATER CONTENT, % — LIQUID LIMIT

10 20 30 40 50 60

ELEVATION FT

EXPLORATION DEPTH

DEPTH TO WATER

WHITE OAK BAYOU LOG OF BORING NO. 6ST-166

TYPE: 6 in. SHELBY TUBE LOCATION:

DEPTH FT.	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL (SURF. EL:)	BLOWS PER FT.	UNIT DRY WT. LBS./CU.FT.	POCKET PENETROMETER TONS / SQ. FT. (0.5, 1.0, 1.5, 2.0, 2.5, 3.0) / PLASTIC LIMIT — WATER CONTENT, % — LIQUID LIMIT (10, 20, 30, 40, 50, 60)	ELEVATION FT.
	C		SAME AS ABOVE				
	H		SOFT 52°-54° Y/STIFF 54°-55° 0-1-99				
55			L.S = 18.0		1/1		
60							

COMPLETION DEPTH
DATE

DEPTH TO WATER
IN BORING

DATE

SWN 266(C)
22 AUG 62